HOURLY

METEOROLOGICAL OBSERVATIONS

MADE AT THE

MADRAS OBSERVATORY

From January 1856 to February 1861

PRINTED BY ORDER OF

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INTRODUCTION.

THE present volume contains the results of the hourly meteorological observations made at the Madras Observatory from January 1856 to February 1861. The delay in publishing these observations has been so great that I had at first some hesitation as to whether it was worth while printing them now, but on farther consideration I came to the conclusion that they ought to be printed to complete the 20-years series, of which three volumes had already appeared, as it is on the results of these twenty years of hourly observations that all the modern observations have been reduced. At the same time the care and accuracy with which the observations were made seems to me to render them a valuable record in themselves.

The press copy of the manuscript was prepared and compared with the observations some thirty years ago, and had it not been for certain unforseen difficulties this volume would have been published soon after that for 1851–55. My work in connection with it has consisted simply in correcting the proof-sheets and checking the means throughout. This has been done chiefly by the assistants S. Solomon, L. Thunsing, B. V. Runga Rao, and P. N. Varadachari, but I have personally gone over one proof of the whole and have checked a number of the means.

The arrangement of the volume and the method of deducing the means is the same as in the preceding volumes of the series, for it was believed that more was to be gained by uniformity than by introducing more modern methods even though the latter might in themselves be distinct improvements. The least satisfactory parts are the wind and evaporation tables. The latter I believe to be utterly useless, but they have been included because similar tables were given in the other volumes. The instrument for measuring the wind pressure seems to have been practically useless except in very strong winds, but as it was destroyed in a storm many years ago there is no means of testing its action. The mean wind directions have been obtained by a simple arithmetical process as in former volumes. This gives fairly correct results so long as the wind directions do not differ much *inter se*, if due care is taken to increase or decrease the total of the column by a proper multiple of 32 when the directions lie near and on both sides of north. But with directions from many points of the compass this method gives an entirely unmeaning result, and the true mean can only be found trigonometrically. To have calculated all the means in this volume trigonometrically would have involved an expenditure of time which was quite out of the question, and so the old method was retained except in extreme cases. For these I have (for the last three years) adopted a mechanical device which was long ago suggested, I believe, by the late Mr. Pogson but which, so far as I know, was never carried into practice.

The method is extremely simple, and the instrument as made for me by Mr. G. K. Winter gives excellent results. It consists simply of a brass disc 10 inches in diameter mounted on an axle and very carefully balanced. Round the edge of the disc are 32 pins, parallel to the axle, at equal intervals, corresponding to the 32 points of the compass, and marked accordingly. A scale of degrees with 0° corresponding to N is also provided and this can be read through a slit in one of the supports, so arranged that it is vertically below the centre of support of the disc. A number of small weights are provided which, for convenience, are of two sizes—those of one size weighing exactly double those of the other size. These

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weights are circular discs and each is pierced with a hole through the centre by which it can be put on to one of the pins. If, then, weights are put on the pins corresponding to the wind directions during any period, it is evident that a line from the centre of the disc through the centre of gravity of the weights will be the mean direction required, and as the centre of gravity will be vertically below the centre of support the reading of the scale seen through the slit will give this direction. Actual experience has shown that it is easy by this means to get the true mean direction within about 1°. This method, of course, takes no account of the varying force of the wind, but it is evident that if weights be used which are proportional to the strength of the wind the true resultant direction can be obtained.

As there is no one now on the Observatory staff who had to do with these old observations I reprint here some parts of the preface to the last volume which, so far as I can judge from the somewhat scanty records, are equally applicable to this volume. It was written by the late Mr. N. R. Pogson who took charge of the Observatory while the observations were still in progress and was therefore well able to judge of the quality of the work.

"The instruments employed were for the most part the same as throughout the former ten years of published hourly observations.

"The Barometer, still in use, was Newman's Standard No. 42. The diameter of its tube is 0·514 inch; its thickness 0·125 inch, and the diameter of the cistern 2·64 inches: hence, when used with a fixed zero, the proper capacity correction is $\frac{1}{25}$th. It has always been used with a fixed zero or neutral point 29·900 inches and the capacity correction applied, instead of adjusting the end of the ivory cone to the surface of the mercury in the cistern. Agreeably to comparisons made in 1840, before the despatch of the instrument to Madras, it then read 0·005 inch higher than the Flint Glass Standard of the Royal Society, or 0·012 inch higher than the Crown Glass Standard. The reduced atmospheric pressures have however never been corrected for this difference, and considering the long time the instrument has been in use it does not now appear desirable to trust this correction or to make any change in the results, until the arrival of a new standard, confirming or improving upon the old comparisons.

"The Dry Bulb Thermometer employed was by J. Newman; a fair instrument of its kind, but reading much too high, and erroneously called a standard; a distinction no thermometer is entitled to unless capable of direct verification at the two natural zero points of freezing and boiling water. It was sent out in a mahogany case with a glass front, and appears to have been recorded thus encased up during the earlier years; and when the glass was removed, a small brass plate was substituted over the bulb end to protect it from injury. This was finally removed on 1853 February 18th. Such unnecessary and very objectionable coverings must of course have considerably diminished the apparent daily range, though the mean temperature would be almost identical. Its limited scale reached only to 109° Fahrenheit, beyond which it must have burst but for the assiduous care of the native observers in charge, who saved it from destruction by the application of a wet cloth during the hot afternoons of May and June whenever the temperature rose above 105°. Higher temperatures were always read off the maximum thermometer and thus only was the standard preserved from year to year in safety. The situation of the thermometer stand was also highly objectionable, being in a tiled brick verandah, subject to undue protection from either extreme, and therefore giving much too small a diurnal range; though the mean daily temperature was found to differ very slightly from that shewn by the more freely exposed standard thermometer since introduced.

* * * * * *

"The Humidity of the Air and Tension of the Atmospheric Vapour were calculated by means of convenient manuscript tables, based upon those published by Lieut. Col. Boileau, Director of the Honorable East India Company's Magnetic Observatory at Simla,—the earlier octavo edition. The Tension numbers were Biot's and will therefore differ slightly from similar deductions based upon Regnault's more recent values.

"The Direction and Force of the Wind were registered by Osler's Anemometer, but for many reasons the mean daily and monthly values must be received with much caution.

* * * * * *

"The Force Tables are of little value, except for pointing out stormy days about the changing times of the monsoons.

"The Rainfall returns are unquestionably reliable, but those for Evaporation are quite worthless; the Evaporator consisting of a copper dish, containing less than an inch and a half water, freely exposed to the sun, which of course heated the Evaporator during the day most unfairly; besides which it was too frequently used as a drinking trough by cows, and sometimes even by cattle, for want of better protection.

"The Radiation Thermometers were not used during the year 1851, nor until October in 1852. The Sun Maximum was an ordinary thermometer, with its bulb rough blacked, and hung much too close to a teak-wood stand; thereby rendering it incomparable with subsequent registers of the very superior rough black bulbs in vacuo or the freely exposed bright black bulbs since employed.

"The maximum and minimum results are probably good enough *inter se*, but owing to the unfavourable position of the thermometers, which, as before mentioned, were unduly shielded from each extreme of temperature, the daily range must have been considerably underrated.

"The general plan of reduction, though identical with that of similar hourly series of observations elsewhere published, is very different to what I should have adopted. The total omission of the readings of the barometer and thermometers on Sundays, when three observations were always made, and daily means might so well have been deduced by the help of the hourly variations upon other days; and the adoption of Gottingen instead of Madras mean time, thereby causing nine hours of each Saturday to be mixed up with fifteen hours of the following Monday as the mean of one day, are especially objectionable. In such publications, however, uniformity is everything, and hence neither I nor my predecessors have presumed to introduce any changes upon the course pursued by Col. S. O. E. Ludlow, the first Magnetical Director; nor do I intend to in the concluding fourth volume now in hand, except in the Direction of the Wind, of which, for reasons beforenamed fresh means throughout are really necessary.

"In conclusion, I have much pleasure in testifying to the general care, honesty and accuracy of the native staff employed on this duty. The principal meteorological and magnetical assistant, R. Ramanjooloo Naidoo, was intelligent, dexterous, and methodical in the extreme; and the whole twenty-years series may be received with great reliance, thanks to his personal diligence, and the ever watchful control he maintained over his subordinates. For accurate registration of the instruments, scrupulous arithmetic and press revision when figures only were concerned, I do not think a better staff of assistants could have been desired than the natives attached to the Magnetical Department of the Madras Observatory."

It will be noted that for the five years now published the thermometer readings have all been corrected to the Kew Observatory standard, and in the final tables the monthly means have been similarly corrected for former years. I have not attempted in this volume to take up the question of the effect on the daily range of temperature of the unsatisfactory nature of the shelter employed. Materials for the discussion of this exist in a series of simultaneous readings of the thermometers in the verandah (the old exposure) and in the shed now used at all Indian observatories. This point will be considered when discussing the whole of the temperature observations. A matter of some interest on which, unfortunately, the records throw no light, is the exact meaning which the observers attached to the term "sheet lightning." It is now pretty generally admitted that two different phenomena are included under what is popularly described as sheet lightning—the reflection of distant discharges and a special form of discharge. The exact nature of this special form of discharge seems to be not generally recognised and this is not a suitable place for discussing it. I would simply state that, in most cases at least, it consists of a discharge —sometimes in the form of a short flash and frequently in the form of the "brush discharge"—between two masses of cloud which are near each other. The most magnificent displays of this kind of lightning are sometimes seen in Madras, during which discharges may take place at the rate of considerably more than 100 per minute. It would be interesting to know whether those who made the observations recorded in this volume confined the term sheet lightning to this form of display or whether they also included the reflection of distant lightning. So far as I can judge very little care was taken in the records of lightning, and the terms "lg" and "sh-lg" were used somewhat indiscriminately.

The observations for January and February 1861 have been given as these were required to complete the 20-years series, the observations in 1841 not having been begun till March.

C. MICHIE SMITH.

MADRAS OBSERVATORY,
12*th April*, 1893.

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ERRATA.

Page 127	*last line*	*Hour* 12	*for*	89·2	*read*	79·2
,,	,,	,, 13	,,	89·0	,,	79·0
,,	,,	,, 20	,,	82·2	,,	92·2
,,	,,	,, 21	,,	82·9	,,	92·9
,,	,,	,, 22	,,	82·3	,,	92·3
,,	,,	,, 23	,,	81·4	,,	91·4

MADRAS 1856

METEOROLOGICAL OBSERVATIONS

MADRAS, 1856—METEOROLOGICAL OBSERVATIONS

BAROMETRIC PRESSURE

Barometer at 32° = 29 English Inches + the Number in the Table

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
JANUARY 1856										*		*													
1	0·991	0·998	1·018	1·054	1·066	1·074	1·068	1·057	1·032	1·017	0·999	0·995	1·002	1·020	1·051	1·082	1·104	1·103	1·097	1·072	1·037	1·009	0·994	0·997	1·039
2	1·006	1·020	·044	·065	·079	·092	·079	·062	·044	·034	1·021	1·018	·025	·036	·057	·095	·116	·119	·108	·080	·054	·031	1·012	1·014	·055
3	·021	·032	·054	·076	·102	·102	·102	·093	·079	·068	·054	·052	·061	·070	·084	·128	·151	·162	·142	·117	·083	·060	·046	·050	·083
4	·063	·067	·078	·095	·109	·120	·110	·098	·089	·064	·035	·030	·036	·048	·069	·108	·127	·123	·109	·088	·058	·035	·018	·016	·075
5	·022	·032	·047	·060	·079	·089	·083	·074	·053	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	·065	·073	·075	·087	·102	·118	·153	·171	·177	·168	·146	·106	·076	·057	·045	·090
7	·048	·055	·067	·094	·106	·120	·113	·097	·092	·079	·063	·062	·072	·104	·126	·162	·178	·177	·156	·140	·115	·089	·067	·063	·102
8	·081	·088	·090	·109	·122	·130	·130	·114	·111	·107	·099	·097	·106	·127	·137	·163	·180	·176	·164	·143	·115	·101	·094	·098	·120
9	·110	·121	·146	·166	·176	·184	·176	·167	·162	·146	·127	·125	·133	·149	·176	·191	·210	·201	·187	·165	·134	·116	·094	·092	·152
10	·098	·117	·146	·167	·173	·179	·176	·163	·148	·131	·110	·090	·081	·110	·128	·143	·154	·153	·139	·119	·086	·064	·051	·045	·124
11	·063	·084	·091	·108	·119	·117	·115	·105	·093	·081	·065	·061	·068	·080	·101	·128	·148	·148	·135	·105	·084	·058	·042	·038	·093
12	·043	·050	·060	·078	·091	·087	·077	·073	·076	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	·067	·054	·057	·070	·082	·106	·124	·144	·138	·121	·095	·062	·042	·035	·038	·078
14	·038	·047	·059	·075	·099	·112	·110	·100	·089	·075	·058	·056	·064	·087	·113	·138	·166	·166	·157	·115	·074	·050	·038	·035	·088
15	·046	·059	·086	·110	·140	·138	·134	·130	·128	·107	·082	·074	·077	·085	·119	·158	·179	·173	·165	·148	·116	·096	·083	·081	·113
16	·089	·109	·136	·162	·171	·185	·180	·164	·159	·140	·118	·112	·117	·127	·142	·176	·199	·200	·179	·153	·116	·094	·073	·072	·141
17	·092	·100	·118	·146	·158	·162	·152	·139	·125	·113	·097	·088	·089	·093	·118	·141	·164	·158	·142	·114	·084	·052	·035	·030	·113
18	·029	·042	·063	·093	·103	·109	·112	·102	·085	·078	·067	·068	·079	·093	·111	·131	·148	·146	·133	·096	·063	·039	·018	·011	·084
19	·020	·043	·062	·093	·110	·114	·117	·109	·107	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	·098	·085	·084	·093	·109	·123	·152	·172	·173	·160	·135	·099	·069	·057	·062	·102
21	·071	·089	·106	·121	·129	·121	·107	·099	·083	·066	·045	·033	·032	·050	·074	·099	·111	·112	·096	·066	·033	·008	·000	·003	·073
22	·005	·013	·032	·046	·055	·056	·050	·036	·032	·015	0·995	0·997	·009	·037	·049	·086	·110	·111	·096	·069	·035	·012	·006	·003	·040
23	·001	·015	·026	·034	·048	·053	·064	·059	·038	·028	1·014	1·006	·008	·027	·055	·076	·096	·093	·083	·057	·025	·000	0·996	0·980	·037
24	0·993	0·998	·011	·039	·050	·047	·046	·036	·025	·025	·021	·024	·037	·049	·073	·102	·115	·111	·095	·063	·034	·011	·997	·994	·041
25	1·003	1·017	·042	·059	·073	·069	·064	·035	·016	·009	0·998	0·996	·004	·036	·048	·075	·095	·093	·080	·049	·018	0·984	·970	·962	·033
26	0·972	0·981	0·994	·009	·020	·026	·021	·018	·012	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	0·985	·955	·950	0·955	0·971	0·987	·030	·062	·064	·047	·022	0·980	·949	·927	·920	0·994
28	·930	·934	·954	0·980	0·999	·003	0·995	0·982	0·963	·954	·942	·942	·953	·980	1·005	·023	·060	·065	·055	·029	1·002	·970	·938	·933	·983
29	·938	·951	·966	·989	1·014	·030	1·026	1·015	·993	·978	·959	·963	·977	·985	·002	·043	·068	·071	·063	·026	0·982	·942	·919	·913	·992
30	·921	·933	·939	·956	0·975	0·983	0·977	0·955	·932	·921	·906	·897	·899	·908	0·924	0·952	0·982	0·989	0·970	0·943	·912	·872	·847	·843	·931
31	·839	·851	·860	·882	·904	·926	·919	·901	·878	·870	·859	·863	·878	·893	·910	·933	·963	·971	·964	·942	·912	·881	·871	·860	·897
Means	1·020	·031	·048	069	·084	·090	·085	·073	·061	·049	·033	·030	·037	·054	·074	·103	·125	·125	·112	·085	·053	·026	·011	·007	1·062
FEBRUARY 1856										*		*													
1	0·855	0·867	0·881	0·913	0·945	0·954	0·958	0·949	0·939	0·925	0·912	0·917	0·935	0·950	0·969	0·994	1·030	1·033	1·027	1·006	0·986	0·964	0·933	0·929	0·948
2	·937	·943	·950	·976	1·004	1·011	1·013	1·003	·984	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	—	·968	·953	·948	·955	·968	·995	1·018	·042	·047	·022	0·992	·945	·911	·878	·874	·972
4	·871	·886	·916	·941	0·963	0·977	0·975	0·968	·951	·933	·915	·908	·913	·933	·962	0·993	·015	·013	·006	·973	·947	·910	·880	·867	·942
5	·872	·881	·904	·931	·966	·982	·970	·963	·951	·939	·928	·919	·923	·945	·972	1·009	·048	·059	·048	1·017	·982	·943	·924	·922	·958
6	·920	·925	·944	·966	·987	1·003	1·002	·996	·984	·972	·961	·950	·951	·976	·997	·026	·051	·057	·059	·033	1·000	·966	·944	·936	·984
7	·927	·922	·949	·971	·988	·002	0·998	·986	·966	·952	·939	·938	·949	·958	·986	·016	·038	·050	·039	·009	0·983	·947	·926	·922	·973
8	·927	·939	·953	·977	·991	·000	·994	·983	·971	·950	·929	·917	·918	·943	·968	·005	·019	·028	·022	0·994	·965	·936	·915	·900	·964
9	·911	·920	·939	·972	·988	0·995	·988	·980	·968	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	·957	·947	·928	·922	·950	1·000	·017	·046	·049	·037	1·012	·983	·950	·930	·928	·971
11	·936	·950	·975	·998	1·009	1·014	1·005	·988	·979	·967	·955	·943	·944	·958	0·978	0·999	·016	·028	·013	0·988	·956	·926	·899	·888	·971
12	·891	·898	·924	·950	0·968	0·973	0·966	·961	·949	·933	·918	910	·914	·942	·969	1·001	·032	·040	·029	·999	·968	·937	·918	·909	·954
13	·912	·922	·943	·962	·987	·992	·994	·988	·980	·971	·962	·961	·972	·990	1·013	·041	·061	·079	·066	1·049	1·025	·992	·967	·968	·992
14	·963	·978	·993	1·016	1·031	1·040	1·040	1·034	1·012	·995	·979	·965	·963	·981	·012	·030	·051	·055	·032	·005	0·981	·949	·929	·923	·998
15	·931	·948	·966	0·990	·009	·023	·031	·033	·008	·992	·977	·969	·974	1·001	·018	·048	·077	·079	·066	·041	1·006	·986	·964	·959	1·004
16	·964	·973	·993	1·011	·033	·048	·046	·044	·030	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	—	—	1·012	·994	·991	1·001	·011	·025	·054	·072	·073	·061	·043	·011	·986	·973	·967	·017
18	·975	·989	1·010	·037	·056	·066	·057	·047	·038	·020	1·003	·995	·000	·018	·047	·068	·083	·096	·089	·074	·047	1·027	1·004	1·001	·035
19	1·011	1·026	·044	·066	·083	·091	·092	·087	·062	·050	·039	1·026	·026	·049	·076	·102	·119	·131	·114	·087	·061	·036	·012	·008	·062
20	·015	·025	·041	·058	·083	·087	·087	·074	·052	·039	·027	·021	·028	·052	·068	·100	·108	·121	·115	·097	·064	·038	·011	·000	·059
21	·003	·009	·029	·056	·067	·088	·082	·070	·049	·028	·007	0·991	0·988	·014	·031	·058	·074	·081	·078	·055	·033	0·994	0·976	0·962	·034
22	0·966	0·977	0·990	·011	·041	·056	·053	·039	·018	0·996	0·974	·966	·971	0·984	0·998	·024	·046	·061	·059	·038	·011	·986	·964	·961	·008
23	·966	·979	·994	·018	·038	·047	·041	·034	·029	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	—	·997	·965	·956	·959	·976	·991	·019	·047	·055	·044	·024	0·996	·963	·942	·937	·001
25	·946	·966	·998	·010	·032	·048	·041	·035	·006	·993	·980	·969	·970	·991	1·005	·013	·023	·044	·024	0·998	·973	·939	·916	·903	0·993
26	·900	·911	·929	0·951	0·971	0·985	0·984	0·976	0·960	·942	·925	·917	·921	·928	0·940	0·963	0·980	0·988	0·982	·953	·929	·895	·878	·865	·941
27	·859	·879	·891	·907	·934	·937	·941	·940	·929	·915	·901	·899	·909	·926	·954	·972	·988	·996	·983	·953	·927	·904	·885	·881	·925
28	·881	·900	·923	·942	·967	·983	·986	·984	·966	·960	·955	·953	·963	·973	·997	1·019	1·037	1·048	1·041	1·024	1·000	·974	·956	·952	·974
29	·956	·972	·987	1·010	1·034	1·043	1·042	1·039	1·036	1·013	·991	·992	1·006	1·028	1·051	·078	·101	·107	·100	·087	·053	1·032	1·015	1·009	1·033
Means	·932	·943	·963	·986	·007	·018	·015	·008	993	·977	·961	·954	·959	·978	1·000	·027	·048	·057	·046	·022	0·993	·964	·942	·935	0 989

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

BAROMETRIC PRESSURE

Barometer at 32° = 29 English Inches + the Number in the Table

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
MARCH 1856										*		*													
1	1·018	1·029	1·053	1·079	1·096	1·107	1·101	1·078	1·058	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	1·042	1·032	1·029	1·039	1·047	1·069	1·101	1·120	1·113	1·095	1·050	1·017	0·992	0·970	0·974	1·055
3	0·980	0·994	·014	·039	·054	·069	·066	·052	·035	·018	·006	·007	·021	·034	·056	·083	·096	·102	·095	·064	·034	1·009	·986	·983	·038
4	·991	1·003	·029	·043	·064	·077	·067	·054	·029	·008	0·994	0·993	·005	·019	·039	·055	·079	·083	·070	·034	0·992	0·957	·939	·928	·023
5	·937	0·943	0·964	0·992	·021	·018	·011	·002	0·977	·065	·959	·957	0·968	0·980	·000	·026	·037	·049	·035	·009	·975	·943	·923	·915	0·988
6	·927	·941	·970	·992	·004	·013	·009	0·992	·981	0·964	·952	·944	·949	·971	0·989	·003	·029	·040	·025	·000	·969	·947	·931	·923	·978
7	·929	·937	·954	·973	0·989	·004	·005	·985	·965	·951	·942	·939	·949	·960	·974	0·998	·019	·029	·008	0·969	·941	·915	·896	·890	·963
8	·893	·896	·906	·931	·958	0·966	0·952	·941	·900	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	·876	·858	·850	·854	·881	·906	·931	0·941	0·947	0·929	·899	·878	·845	·824	·821	·899
10	·831	·844	·866	·890	·899	·920	·916	·915	·902	·891	·885	·882	·892	·907	·930	·955	·978	·975	·953	·919	·881	·862	·843	·838	·899
11	·843	·857	·881	·898	·927	·935	·932	·920	·900	·883	·872	·867	·874	·891	·913	·932	·945	·945	·918	·885	·859	·831	·810	·803	·888
12	·808	·816	·837	·859	·877	·884	·886	·875	·859	·842	·831	·829	·840	·859	·887	·912	·938	·946	·928	·898	·872	·853	·816	·803	·865
13	·814	·830	·856	·880	·894	·902	·896	·894	·899	·891	·889	·877	·877	·887	·918	·940	·966	·972	·968	·945	·921	·910	·883	·878	·899
14	·879	·884	·897	·913	·935	·963	·958	·950	·934	·918	·908	·903	·911	·924	·946	·977	·989	·987	·972	·947	·912	·884	·863	·857	·926
15	·859	·873	·889	·907	·925	·929	·909	·896	·887	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	·887	·893	·901	·922	·940	·973	·984	·992	1·000	·982	·959	·939	·907	·884	·882	·922
17	·884	·893	·922	·943	·959	·969	·971	·951	·934	·917	·905	·909	·925	·948	·973	·990	1·022	·022	1·009	·975	·942	·917	·887	·875	·943
18	·870	·876	·896	·926	·941	·948	·939	·919	·898	·873	·862	·866	·882	·891	·913	·939	0·954	0·964	0·949	·910	·879	·841	·808	·794	·897
19	·790	·802	·818	·842	·851	·872	·865	·841	·821	·802	·789	·788	·799	·811	·828	·849	·868	·870	·848	·813	·773	·750	·721	·713	·814
20	·708	·726	·747	·776	·808	·820	·829	·819	·807	·795	·789	·787	·798	·818	·843	·858	·884	·884	·871	·830	·807	·791	·763	·753	·805
21	·756	·761	·780	·816	·843	·861	·871	·861	·845	·828	·817	·817	·831	·854	·873	·895	·918	·921	·909	·884	·862	·828	·812	·796	·843
22	·807	·827	·848	·869	·887	·912	·916	·906	·883	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	·838	·799	·793	·800	·816	·840	·862	·888	·891	·877	·846	·801	·774	·746	·735	·840
24	·745	·750	·756	·782	·797	·813	·820	·812	·794	·776	·763	·761	·772	·793	·826	·853	·880	·884	·870	·839	·804	·767	·745	·729	·797
25	·727	·736	·756	·778	·805	·811	·815	·810	·794	·773	·757	·754	·764	·779	·806	·843	·857	·878	·869	·845	·814	·794	·776	·766	·796
26	·769	·785	·813	·837	·857	·870	·866	·844	·816	·801	·792	·793	·807	·827	·848	·878	·896	·891	·881	·856	·834	·809	·786	·778	·831
27	·787	·799	·835	·856	·878	·889	·885	·878	·864	·846	·833	·831	·842	·858	·890	·902	·931	·937	·920	·900	·873	·849	·827	·818	·864
28	·818	·840	·867	·885	·904	·907	·916	·893	·873	·854	·841	·839	·849	·866	·896	·918	·930	·920	·908	·880	·852	·822	·799	·782	·869
29	·789	·806	·833	·855	·876	·892	·899	·886	·864	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	·857	·855	·847	·852	·859	·887	·914	·930	·941	·938	·913	·893	·872	·854	·847	·873
31	·855	·864	·882	·914	·933	·956	·966	·945	·926	·907	·893	·887	·894	·899	·920	·947	·973	·974	·973	·957	·924	·902	·880	·878	·919
Means	·847	·858	·880	·903	·922	·935	·933	·920	·902	·885	·874	·871	·881	·897	·921	·944	·964	968	·954	·924	·894	·868	·845	·837	0·901
APRIL 1856										*		*													
1	0·860	0·878	0·900	0·934	0·939	0·967	0·966	0·947	0·922	0·907	0·898	0·896	0·905	0·915	0·928	0·959	0·973	0·977	0·969	0·950	0·916	0·886	0·867	0·841	0·921
2	·833	·841	·873	·906	·943	·964	·982	·957	·924	·902	·886	·883	·891	·900	·916	·936	·953	·953	·941	·923	·887	·848	·822	·802	·903
3	·804	·825	·849	·884	·916	·941	·944	·924	·912	·887	·868	·868	·879	·884	·900	·926	·951	·947	·933	·908	·874	·842	·816	·800	·887
4	·793	·801	·831	·860	·884	·910	·923	·902	·887	·865	·848	·848	·860	·877	·894	·914	·937	·941	·931	·905	·870	·833	·822	·807	·873
5	·807	·813	·840	·861	·880	·881	·880	·863	·854	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	·842	·835	·823	·822	·838	·860	·878	·895	·902	·881	·859	·814	·783	·755	·741	·842
7	·741	·756	·778	·789	·807	·814	·807	·798	·761	·749	·743	·741	·751	·781	·800	·815	·827	·827	·803	·781	·750	·710	·690	·671	·770
8	·671	·689	·714	·740	·756	·771	·777	·775	·762	·744	·731	·722	·724	·741	·759	·773	·789	·797	·775	·747	·717	·685	·671	·669	·737
9	·665	·672	·701	·734	·755	·774	·783	·777	·771	·758	·750	·752	·765	·776	·791	·808	·832	·827	·815	·801	·766	·721	·708	·702	·759
10	·713	·726	·758	·794	·822	·841	·851	·841	·823	·809	·800	·797	·805	·819	·830	·853	·864	·855	·848	·834	·807	·780	·764	·753	·808
11	·757	·779	·794	·823	·859	·881	·878	·859	·835	·814	·799	·796	·805	·819	·841	·872	·890	·900	·895	·878	·856	·826	·799	·792	·835
12	·780	·785	·813	·838	·864	·880	·883	·874	·853	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	·808	·768	·767	·777	·787	·815	·839	·847	·846	·828	·802	·766	·728	·695	·688	·805
14	·681	·686	·727	·748	·768	·773	·787	·778	·770	·751	·738	·733	·740	·765	·794	·824	·867	·867	·852	·826	·782	·739	·715	·700	·767
15	·701	·715	·744	·782	·811	·839	·842	·827	·791	·766	·747	·752	·769	·793	·817	·846	·867	·863	·848	·828	·795	·772	·757	·739	·792
16	·735	·759	·786	·820	·843	·865	·879	·860	·839	·825	·816	·818	·831	·848	·876	·892	·916	·911	·891	·873	·843	·814	·797	·791	·839
17	·791	·806	·831	·853	·890	·913	·906	·890	·870	·854	·844	·842	·852	·870	·894	·926	·941	·937	·928	·909	·876	·856	·834	·816	·872
18	·809	·826	·855	·891	·918	·925	·916	·899	·880	·869	·864	·855	·857	·874	·887	·920	·936	·936	·922	·906	·869	·838	·813	·795	·878
19	·791	·802	·814	·845	·863	·878	·876	·851	·841	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	·808	·780	·773	·778	·804	·822	·844	·856	·826	·820	·797	·784	·752	·716	·696	·809
21	·691	·710	·741	·755	·772	·801	·790	·785	·775	·766	·762	·770	·789	·797	·815	·836	·829	·830	·828	·808	·774	·739	·712	·695	·774
22	·702	·712	·732	·774	·791	·818	·812	·807	·791	·785	·785	·782	·790	·792	·807	·846	·848	·848	·848	·824	·798	·762	·743	·733	·789
23	·741	·767	·790	·817	·840	·853	·850	·835	·806	·796	·791	·788	·796	·813	·823	·844	·859	·849	·830	·804	·776	·754	·743	·729	·804
24	·725	·739	·764	·783	·810	·820	·816	·809	·799	·788	·782	·777	·784	·803	·816	·833	858	·851	·828	·807	·778	·747	·743	·692	·790
25	·684	·702	·732	·756	·781	·806	·818	·815	·808	·791	·779	·768	·769	·791	·823	·838	·861	·851	·836	·830	·824	·796	·768	·769	·792
26	·784	·786	·801	·810	·834	·826	·820	·804	·789	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	·798	·813	·815	·829	·844	·878	·888	·887	·874	·849	·846	·824	·785	·789	·794	·824
28	·863	·884	·892	·882	·862	·848	·854	·848	·816	·800	·789	·810	·842	·862	·903	·927	·941	·937	·915	·889	·864	·832	·816	·806	·862
29	·799	·806	·818	·844	·875	·885	·893	·891	·872	·855	·843	·833	·835	·849	·862	·886	·911	·899	·881	·852	·821	·792	·773	·758	·847
30	·752	·741	·779	·810	·838	·851	·859	·849	·831	·805	·784	·788	·803	·833	·848	·874	·878	·873	·857	·825	·794	·754	·730	·712	·811
Means	·757	·769	·795	·820	·843	·859	·861	·849	·830	·813	·802	·800	·810	·826	·846	·869	·885	·882	·867	·847	·816	·784	·764	·750	0·823

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

BAROMETRIC PRESSURE

Barometer at 32° = 29 English Inches + the Number in the Table

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
MAY 1856										*		*													
1	0·709	0·726	0·746	0·777	0·809	0·840	0·832	0·810	0·796	0·779	0·767	0·763	0·771	0·795	0·850	0·852	0·860	0·849	0·840	0·813	0·787	0·752	0·736	0·710	0·790
2	·707	·730	·740	·773	·787	·810	·846	·822	·785	·767	·755	·746	·750	·768	·794	·813	·827	·818	·813	·798	·778	·749	·721	·709	·775
3	·711	·728	·758	·795	·816	·822	·810	·793	·785	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	·779	·779	·771	·776	·794	·823	·849	·857	·855	·838	·825	·803	·770	·747	·728	·792
5	·719	·738	·770	·799	·836	·844	·856	·836	·814	·800	·792	·792	·804	·814	·824	·853	·857	·863	·846	·830	·807	·772	·754	·748	·807
6	·745	·773	·770	·802	·828	·843	·838	·835	·820	·801	·787	·789	·804	·820	·837	·855	·859	·861	·840	·828	·803	·775	·749	·735	·808
7	·732	·739	·756	·783	·809	·824	·820	·795	·793	·783	·779	·772	·777	·794	·815	·833	·833	·823	·797	·777	·753	·728	·706	·688	·780
8	·689	·707	·737	·773	·788	·799	·810	·789	·770	·758	·752	·718	·756	·766	·787	·812	·818	·808	·799	·782	·759	·745	·728	·709	·765
9	·702	·720	·741	·773	·802	·814	·810	·803	·789	·778	·773	·768	·775	·789	·806	·830	·839	·834	·823	·812	·781	·768	·731	·718	·782
10	·708	·727	·743	·782	·823	·843	·838	·822	·805	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	·765	·730	·722	·726	·732	·748	·766	·779	·770	·750	·732	·713	·690	·669	·659	·748
12	·653	·665	·686	·707	·733	·746	·743	·737	·710	·705	·701	·702	·715	·735	·758	·774	·789	·787	·768	·744	·711	·682	·660	·649	·719
13	·652	·665	·690	·716	·733	·756	·756	·744	·730	·719	·714	·711	·721	·744	·771	·781	·786	·775	·760	·736	·699	·671	·651	·646	·722
14	·659	·671	·696	·746	·762	·758	·750	·739	·720	·707	·700	·690	·693	·721	·735	·743	·756	·750	·754	·743	·708	·671	·651	·632	·715
15	·626	·642	·665	·709	·739	·748	·738	·717	·706	·697	·694	·687	·693	·734	·729	·825	·895	·840	·815	·767	·731	·719	·686	·668	·728
16	·660	·685	·698	·720	·741	·759	·746	·735	·723	·709	·701	·701	·713	·731	·748	·765	·784	·782	·777	·762	·734	·710	·697	·678	·727
17	·685	·711	·714	·731	·757	·771	·768	·766	·761	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	·760	·764	·767	·782	·798	·805	·828	·857	·869	·849	·844	·837	·808	·784	·756	·782
19	·739	·762	·767	·777	·790	·805	·803	·789	·774	·766	·763	·749	·748	·760	·766	·766	·792	·821	·794	·785	·777	·758	·740	·713	·771
20	·702	·712	·733	·741	·746	·752	·758	·748	·727	·704	·686	·685	·696	·691	·701	·717	·719	·718	·741	·722	·716	·707	·685	·682	·716
21	·681	·709	·725	·741	·770	·787	·786	·784	·763	·749	·741	·736	·744	·762	·774	·812	·831	·831	·817	·795	·767	·754	·736	·706	·763
22	·713	·762	·746	·776	·794	·788	·787	·776	·759	·751	·749	·745	·753	·760	·785	·800	·808	·808	·790	·791	·777	·733	·699	·674	·764
23	·657	·664	·680	·699	·720	·741	·753	·743	·723	·712	·707	·704	·714	·741	·765	·787	·796	·803	·789	·764	·742	·705	·673	·671	·727
24	·667	·676	·694	·709	·739	·754	·764	·760	·753	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	·739	·730	·734	·730	·738	·762	·791	·788	·781	·776	·758	·730	·716	·690	·669	·735
26	·654	·668	·686	·711	·733	·742	·748	·750	·747	·734	·728	·720	·724	·738	·761	·771	·773	·767	·757	·744	·716	·681	·654	·632	·722
27	·636	·661	·683	·708	·732	·736	·740	·742	·696	·683	·676	·681	·698	·719	·742	·754	·753	·744	·720	·708	·683	·664	·658	·641	·702
28	·632	·646	·661	·675	·709	·712	·718	·698	·687	·667	·652	·642	·645	·657	·666	·678	·684	·682	·662	·645	·615	·581	·558	·542	·655
29	·540	·553	·565	·593	·607	·610	·611	·601	·587	·568	·555	·551	·560	·579	·616	·621	·618	·626	·610	·590	·564	·541	·519	·500	·579
30	·519	·536	·541	·562	·582	·591	·597	·588	·581	·572	·568	·564	·573	·599	·612	·628	·649	·652	·651	·636	·598	·569	·550	·537	·586
Means	0·673	·691	·707	·734	·757	·769	·770	·759	·742	·729	·721	·716	·725	·742	·761	·781	·793	·789	·776	·759	·734	·708	·686	·669	0·737
JUNE 1856										*		*													
May 31	0·540	0·561	0·581	0·607	0·626	0·639	0·663	0·663	0·642	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1	—	—	—	—	—	—	—	—	—	0·668	0·699	0·688	0·687	0·705	0·738	0·757	0·771	0·774	0·766	0·731	0·708	0·677	0·655	0·630	·674
2	·631	·651	·686	·713	·742	·762	·775	·767	·756	·748	·745	·743	·750	·772	·787	·814	·820	·826	·817	·797	·768	·741	·711	·691	·750
3	·692	·715	·729	·757	·778	·795	·800	·790	·777	·763	·754	·749	·754	·775	·801	·815	·826	·825	·806	·791	·772	·750	·722	·699	·768
4	·691	·696	·710	·727	·758	·770	·778	·772	·762	·746	·735	·740	·754	·768	·789	·820	·824	·833	·825	·811	·802	·778	·770	·755	·767
5	·733	·750	·737	·763	·786	·820	·826	·818	·806	·788	·776	·770	·774	·790	·800	·789	·802	·812	·795	·775	·758	·735	·717	·700	·776
6	·686	·694	·709	·725	·736	·754	·761	·750	·743	·719	·701	·696	·701	·713	·731	·739	·748	·755	·744	·724	·693	·666	·634	·614	·714
7	·608	·641	·657	·669	·685	·702	·708	·701	·688	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	—	·682	·682	·677	·682	·697	·699	·702	·706	·704	·685	·662	·632	·610	·573	·561	·667
9	·558	·576	·598	·624	·655	·678	·692	·682	·674	·659	·650	·651	·662	·670	·680	·697	·706	·702	·695	·665	·648	·621	·598	·587	·651
10	·583	·608	·657	·684	·702	·714	·720	·714	·706	·698	·695	·695	·704	·726	·750	·758	·769	·765	·759	·727	·706	·685	·657	·651	·701
11	·649	·676	·690	·712	·737	·757	·766	·744	·733	·726	·724	·722	·730	·754	·775	·784	·785	·778	·753	·721	·684	·655	·625	·602	·720
12	·594	·607	·630	·656	·670	·700	·711	·701	·683	·672	·667	·662	·666	·674	·699	·707	·706	·698	·686	·657	·611	·579	·546	·531	·655
13	·522	·544	·564	·618	·635	·654	·653	·642	·634	·624	·620	·612	·613	·630	·651	·671	·673	·678	·663	·638	·613	·595	·573	·566	·620
14	·585	·600	·635	·652	·678	·708	·721	·705	·693	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	·695	·703	·704	·715	·725	·738	·759	·775	·769	·751	·729	·700	·673	·646	·641	·696
16	·632	·651	·673	·697	·716	·728	·742	·734	·727	·720	·718	·708	·708	·709	·725	·749	·748	·753	·737	·710	·678	·650	·625	·611	·702
17	·616	·631	·642	·676	·707	·723	·733	·725	·719	·703	·692	·685	·688	·702	·720	·739	·753	·762	·749	·729	·697	·665	·657	·635	·698
18	·632	·639	·660	·686	·715	·733	·741	·735	·725	·713	·706	·702	·707	·727	·748	·764	·780	·777	·762	·748	·716	·691	·669	·662	·714
19	·662	·659	·675	·697	·725	·730	·736	·733	·724	·710	·702	·697	·701	·730	·755	·766	·773	·774	·766	·757	·742	·716	·692	·665	·720
20	·657	·669	·686	·716	·737	·741	·743	·735	·728	·720	·718	·722	·735	·740	·754	·788	·813	·802	·766	·758	·746	·730	·714	·693	·734
21	·682	·693	·705	·719	·725	·742	·752	·741	·725	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	·707	·695	·691	·697	·711	·736	·755	·771	·765	·759	·736	·706	·675	·655	·631	·716
23	·628	·641	·650	·678	·707	·726	·731	·717	·699	·685	·676	·674	·682	·697	·716	·733	·734	·730	·715	·697	·665	·647	·639	·639	·688
24	·643	·656	·669	·695	·712	·729	·748	·736	·720	·704	·693	·697	·711	·727	·738	·745	·758	·763	·751	·731	·721	·694	·679	·664	·712
25	·659	·676	·710	·724	·744	·753	·765	·757	·745	·734	·729	·727	·734	·730	·749	·770	·782	·776	·769	·741	·727	·701	·672	·661	·731
26	·647	·653	·666	·687	·707	·716	·727	·704	·695	·686	·682	·669	·666	·677	·702	·725	·733	·735	·735	·706	·696	·677	·662	·642	·691
27	·634	·644	·652	·671	·692	·697	·706	·688	·683	·674	·671	·668	·675	·687	·719	·727	·730	·727	·714	·692	·670	·644	·615	·604	·679
28	·605	·610	·619	·637	·656	·669	·673	·664	·633	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	—	·638	·628	·631	·643	·662	·670	·678	·684	·677	·669	·653	·620	·602	·576	·564	·641
30	·557	·568	·584	·606	·637	·681	·665	·661	·645	·629	·615	·611	·617	·638	·652	·661	·670	·666	·664	·644	·625	·606	·588	·582	·628
Means	·628	·643	·661	·684	·706	·724	·732	·722	·711	·700	·695	·692	·698	·713	·732	·747	·755	·755	·742	·720	·696	·672	·649	·634	0·700

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

BAROMETRIC PRESSURE

Barometer at 32° = 29 English Inches + the Number in the Table

JULY 1856

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.*	In.	In.*	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	
1	0·566	0·568	0·578	0·599	0·621	0·637	0·639	0·640	0·626	0·617	0·612	0·608	0·611	0·620	0·638	0·665	0·672	0·670	0·665	0·645	0·625	0·606	0·572	0·547	0·619
2	·562	·579	·604	·631	·646	·657	·673	·654	·641	·631	·624	·622	·628	·641	·659	·679	·682	·680	·667	·649	·635	·619	·584	·564	·634
3	·552	·569	·581	·604	·636	·655	·670	·661	·654	·646	·642	·638	·640	·648	·679	·696	·697	·709	·709	·692	·662	·636	·616	·589	·645
4	·585	·602	·619	·652	·685	·705	·713	·706	·694	·690	·690	·671	·658	·665	·698	·716	·728	·714	·692	·674	·655	·639	·616	·609	·670
5	·596	·607	·626	·675	·688	·697	·692	·682	·672	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	·685	·702	·701	·707	·728	·764	·790	·797	·794	·775	·741	·719	·709	·696	·674	·705
7	·657	·678	·693	·716	·746	·751	·762	·758	·754	·739	·727	·725	·730	·740	·776	·788	·788	·783	·748	·730	·710	·685	·673	·663	·730
8	·657	·664	·704	·711	·729	·741	·745	·730	·723	·717	·714	·713	·718	·723	·738	·750	·753	·750	·741	·719	·696	·665	·663	·677	·714
9	·666	·653	·681	·725	·747	·735	·740	·744	·725	·717	·713	·708	·710	·710	·714	·727	·741	·742	·730	·703	·673	·655	·634	·624	·705
10	·612	·622	·653	·686	·722	·722	·722	·710	·681	·672	·667	·665	·670	·683	·700	·707	·716	·717	·702	·673	·640	·628	·610	·595	·674
11	·582	·592	·610	·660	·680	·663	·653	·647	·637	·624	·614	·613	·618	·637	·640	·646	·652	·653	·644	·622	·614	·599	·574	·560	·626
12	·576	·593	·620	·634	·651	·670	·684	·674	·660	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	·645	·634	·635	·643	·647	·664	·682	·692	·697	·681	·673	·640	·612	·585	·568	·644
14	·565	·589	·614	·646	·667	·688	·699	·690	·679	·672	·668	·669	·676	·684	·699	·712	·725	·723	·705	·679	·659	·633	·616	·601	·665
15	·592	·596	·612	·634	·661	·682	·695	·701	·687	·678	·672	·666	·666	·676	·682	·705	·711	·710	·697	·675	·651	·624	·602	·577	·660
16	·572	·591	·612	·630	·664	·682	·701	·695	·671	·656	·645	·645	·651	·675	·703	·713	·731	·746	·725	·712	·694	·670	·645	·634	·669
17	·639	·657	·673	·693	·718	·728	·733	·726	·708	·699	·693	·691	·695	·707	·721	·740	·751	·760	·750	·722	·696	·677	·655	·645	·703
18	·637	·653	·675	·701	·719	·736	·741	·739	·728	·710	·695	·694	·700	·716	·732	·755	·754	·749	·738	·717	·700	·668	·652	·638	·706
19	·628	·634	·647	·665	·707	·728	·749	·737	·727	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	·695	·667	·668	·675	·690	·708	·730	·753	·745	·735	·716	·694	·676	·664	·644	·695
21	·642	·649	·661	·669	·680	·689	·695	·684	·679	·672	·669	·673	·683	·696	·715	·723	·736	·733	·713	·685	·664	·636	·613	·596	·677
22	·585	·602	·620	·651	·667	·674	·677	·688	·677	·674	·675	·676	·683	·690	·700	·722	·730	·724	·704	·691	·663	·642	·616	·606	·668
23	·593	·604	·638	·674	·692	·702	·716	·718	·716	·705	·697	·693	·695	·704	·731	·738	·738	·737	·725	·712	·680	·657	·634	·626	·688
24	·631	·642	·667	·682	·704	·725	·728	·722	·717	·715	·717	·717	·723	·753	·789	·807	·821	·828	·814	·793	·775	·752	·737	·721	·737
25	·712	·727	·741	·755	·777	·789	·794	·785	·781	·765	·752	·749	·752	·769	·783	·804	·810	·818	·796	·774	·749	·717	·688	·671	·761
26	·655	·666	·691	·705	·716	·733	·735	·732	·731	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	·723	·719	·721	·729	·742	·767	·783	·785	·791	·778	·766	·737	·714	·678	·661	·727
28	·659	·675	·684	·784	·790	·802	·822	·823	·790	·781	·775	·765	·761	·774	·776	·803	·822	·825	·816	·783	·758	·727	·712	·679	·766
29	·672	·700	·707	·749	·809	·823	·809	·762	·747	·735	·727	·725	·730	·746	·765	·778	·782	·792	·785	·752	·725	·689	·676	·669	·744
30	·657	·670	·687	·710	·721	·791	·787	·754	·732	·716	·703	·697	·697	·700	·716	·735	·744	·749	·740	·721	·691	·670	·630	·613	·710
31	·617	·633	·687	·699	·707	·733	·746	·723	·714	·701	·692	·690	·695	·703	·727	·754	·769	·771	·756	·744	·718	·690	·671	·657	·708
Means	0·617	·630	·651	·679	·702	·716	·723	·714	·702	·692	·685	·683	·687	·699	·718	·735	·744	·745	·731	·710	·686	·663	·641	·626	0·691

AUGUST 1856

1	0·655	0·662	0·694	0·738	0·746	0·755	0·756	0·744	0·734	0·723*	0·716	0·707*	0·704	0·711	0·723	0·740	0·755	0·763	0·758	0·745	0·720	0·691	0·670	0·653	0·719
2	·663	·674	·683	·705	·722	·750	·760	·757	·752	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	—	·749	·749	·741	·738	·750	·774	·793	·820	·827	·816	·802	·772	·751	·734	·708	·750
4	·694	·713	·734	·757	·782	·802	·822	·818	·812	·799	·789	·783	·782	·805	·838	·858	·870	·872	·861	·853	·823	·792	·772	·756	·799
5	·744	·775	·787	·804	·820	·835	·843	·849	·830	·816	·806	·812	·823	·850	·866	·888	·907	·915	·891	·880	·855	·831	·804	·782	·834
6	·771	·778	·797	·822	·847	·853	·860	·852	·849	·846	·846	·842	·844	·864	·857	·884	·897	·896	·887	·872	·842	·809	·781	·763	·840
7	·750	·760	·771	·794	·810	·822	·826	·822	·804	·795	·790	·788	·792	·796	·813	·824	·837	·830	·805	·778	·753	·736	·720	·699	·788
8	·701	·712	·734	·762	·785	·812	·807	·806	·800	·781	·765	·759	·759	·776	·797	·816	·822	·819	·792	·780	·761	·751	·736	·731	·773
9	·734	·753	·772	·804	·828	·813	·801	·795	·787	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	·764	·745	·738	·736	·750	·760	·779	·785	·782	·771	·749	·719	·693	·677	·663	·758
11	·649	·667	·684	·723	·747	·760	·766	·762	·748	·734	·723	·715	·712	·720	·736	·757	·758	·761	·751	·728	·712	·703	·668	·658	·723
12	·661	·675	·708	·731	·743	·757	·774	·758	·735	·726	·721	·717	·719	·727	·739	·755	·781	·781	·769	·741	·713	·691	·679	·677	·728
13	·675	·687	·715	·738	·760	·782	·771	·752	·729	·715	·704	·699	·700	·716	·737	·758	·766	·778	·752	·745	·721	·707	·689	·678	·728
14	·674	·695	·729	·753	·789	·800	·804	·794	·773	·760	·750	·742	·740	·729	·759	·781	·790	·800	·792	·768	·744	·703	·678	·655	·750
15	·638	·668	·695	·728	·756	·778	·783	·778	·751	·733	·719	·710	·707	·736	·765	·792	·791	·798	·779	·752	·714	·688	·661	·644	·732
16	·647	·659	·680	·721	·733	·742	·736	·721	·706	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	—	—	·700	·698	·699	·705	·715	·739	·773	·778	·776	·765	·751	·733	·695	·684	·664	·718
18	·660	·664	·669	·678	·711	·737	·740	·722	·714	·702	·694	·685	·682	·696	·721	·746	·770	·774	·769	·762	·748	·732	·708	·690	·716
19	·687	·691	·711	·735	·757	·777	·784	·771	·766	·757	·752	·748	·749	·758	·770	·797	·803	·813	·806	·794	·766	·748	·729	·711	·758
20	·693	·698	·718	·767	·809	·807	·791	·787	·767	·753	·743	·736	·735	·741	·757	·776	·787	·788	·782	·772	·733	·711	·681	·666	·750
21	·673	·688	·717	·738	·758	·768	·772	·763	·751	·741	·734	·734	·739	·738	·757	·785	·794	·794	·779	·759	·748	·732	·706	·683	·744
22	·675	·686	·705	·729	·758	·781	·780	·763	·760	·745	·734	·734	·740	·755	·763	·776	·780	·775	·757	·743	·727	·705	·683	·672	·739
23	·659	·687	·725	·754	·770	·792	·774	·766	·760	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	—	·749	·741	·736	·737	·746	·761	·796	·804	·819	·804	·792	·763	·730	·707	·680	·752
25	·678	·703	·723	·747	·761	·773	·778	·772	·749	·738	·731	·735	·745	·753	·758	·762	·776	·785	·775	·761	·734	·699	·678	·658	·741
26	·656	·689	·708	·741	·767	·780	·804	·796	·756	·742	·731	·731	·737	·755	·783	·805	·824	·834	·810	·767	·734	·702	·688	·676	·751
27	·663	·679	·712	·728	·781	·797	·784	·774	·751	·733	·719	·718	·723	·739	·764	·790	·802	·807	·790	·770	·739	·708	·680	·659	·742
28	·677	·688	·719	·750	·781	·791	·797	·781	·751	·733	·718	·709	·706	·703	·729	·764	·786	·797	·793	·785	·754	·729	·701	·683	·743
29	·680	·705	·739	·762	·783	·794	·792	·773	·749	·735	·725	·723	·727	·737	·753	·772	·790	·793	·794	·789	·768	·744	·722	·708	·752
30	·705	·728	·740	·776	·798	·818	·824	·820	·793	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
31	—	—	—	—	—	—	—	—	—	·777	·764	·764	·769	·783	·803	·836	·855	·861	·848	·818	·792	·761	·740	·720	·787
Means	0·683	·699	·722	·749	·773	·788	·790	·781	·765	·752	·743	·739	·740	·752	·770	·792	·805	·809	·796	·779	·753	·729	·707	·690	0·754

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

BAROMETRIC PRESSURE

Barometer at 32° = 29 English Inches + the Number in the Table

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5 41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41.	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.*	In.	In.*	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	
SEPTEMBER 1856																									
1	·725	·735	·743	·757	·790	·819	·817	·812	·797	·780	·768	·764	·772	·787	·810	·826	·833	·838	·816	·781	·756	·726	·705	·693	·777
2	·685	·697	·718	·738	·755	·778	·778	·766	·756	·750	·750	·754	·769	·791	·808	·824	·838	·838	·818	·795	·753	·721	·701	·689	·761
3	·693	·710	·723	·755	·774	·792	·797	·788	·781	·776	·777	·778	·791	·815	·831	·846	·853	·852	·840	·827	·796	·767	·742	·729	·785
4	·735	·746	·769	·797	·815	·836	·829	·826	·814	·809	·809	·817	·837	·849	·875	·891	·897	·897	·883	·861	·835	·809	·780	·772	·824
5	·774	·792	·817	·841	·851	·875	·866	·861	·847	·836	·830	·824	·829	·849	·864	·890	·908	·893	·883	·856	·831	·795	·778	·766	·840
6	·773	·788	·804	·833	·846	·858	·853	·850	·844	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	—	·837	·835	·835	·847	·857	·872	·901	·909	·903	·890	·870	·834	·811	·784	·770	·842
8	·777	·791	·812	·838	·856	·868	·870	·857	·842	·822	·807	·806	·816	·825	·852	·872	·887	·897	·883	·859	·826	·797	·778	·766	·833
9	·771	·787	·811	·835	·855	·872	·874	·847	·833	·814	·800	·796	·803	·813	·831	·844	·862	·865	·849	·819	·795	·758	·731	·715	·816
10	·721	·738	·770	·796	·825	·836	·830	·806	·781	·768	·760	·761	·773	·788	·807	·824	·840	·841	·833	·803	·766	·740	·725	·719	·785
11	·727	·739	·768	·787	·807	·815	·814	·799	·785	·767	·754	·754	·766	·781	·795	·825	·835	·834	·820	·793	·766	·743	·718	·705	·779
12	·709	·728	·736	·763	·779	·789	·779	·772	·753	·737	·726	·724	·734	·740	·765	·786	·791	·788	·767	·736	·706	·690	·672	·665	·743
13	·675	·683	·707	·731	·739	·749	·761	·753	·738	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	·734	·735	·742	·761	·783	·793	·819	·838	·836	·818	·806	·781	·753	·724	·706	·757
15	·719	·728	·735	·756	·769	·783	·779	·773	·753	·746	·745	·744	·755	·778	·785	·799	·823	·840	·825	·783	·747	·720	·698	·681	·761
16	·696	·722	·740	·767	·792	·802	·807	·794	·787	·777	·772	·769	·777	·780	·790	·810	·829	·833	·826	·798	·771	·747	·722	·716	·776
17	·725	·736	·751	·777	·797	·818	·806	·797	·791	·784	·782	·780	·790	·803	·831	·856	·871	·870	·847	·820	·791	·767	·750	·749	·795
18	·758	·779	·805	·826	·833	·859	·854	·841	·822	·812	·807	·805	·814	·827	·851	·878	·879	·875	·859	·834	·807	·779	·765	·762	·822
19	·769	·780	·806	·814	·834	·853	·854	·836	·818	·811	·810	·806	·801	·812	·837	·859	·879	·877	·856	·832	·802	·776	·753	·738	·817
20	·749	·760	·781	·807	·830	·851	·850	·843	·833	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	—	·826	·824	·828	·843	·872	·879	·896	·913	·909	·879	·854	·816	·791	·771	·763	·832
22	·776	·791	·826	·841	·865	·868	·872	·851	·843	·836	·834	·826	·830	·841	·863	·881	·890	·887	·876	·832	·803	·764	·750	·742	·831
23	·752	·787	·805	·822	·845	·848	·847	·841	·826	·806	·792	·784	·788	·798	·812	·846	·860	·843	·837	·819	·786	·753	·729	·717	·806
24	·727	·742	·762	·791	·822	·850	·837	·824	·809	·787	·770	·767	·776	·796	·828	·834	·840	·844	·829	·793	·762	·725	·695	·675	·787
25	·678	·692	·718	·742	·777	·800	·819	·815	·799	·771	·761	·755	·761	·777	·811	·832	·849	·844	·830	·791	·753	·727	·717	·701	·772
26	·706	·722	·739	·758	·804	·843	·812	·805	·795	·777	·763	·764	·776	·783	·820	·839	·849	·849	·822	·795	·753	·720	·702	·692	·779
27	·709	·739	·778	·794	·825	·833	·819	·811	·794	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	·767	·745	·755	·776	·810	·827	·841	·830	·824	·812	·790	·764	·725	·716	·708	·783
29	·710	·725	·750	·781	·808	·820	·803	·809	·805	·800	·800	·794	·799	·815	·840	·864	·884	·879	·862	·818	·795	·764	·737	·723	·799
30	·733	·751	·777	·800	·847	·859	·843	·839	·835	·831	·832	·833	·845	·865	·888	·919	·926	·920	·905	·872	·836	·803	·780	·772	·838
Means	·730	·746	·767	·790	·813	·830	·826	·816	·803	·791	·784	·783	·793	·809	·829	·850	·862	·861	·845	·817	·786	·757	·736	·724	·798
OCTOBER 1856.																									
1	·771	·790	·822	·851	·890	·889	·889	·900	·883	·871*	·867	·857*	·857	·871	·884	·908	·934	·936	·905	·873	·846	·809	·789	·780	·861
2	·774	·790	·814	·844	·865	·878	·878	·864	·846	·840	·941	·814	·796	·813	·846	·868	·891	·873	·860	·823	·788	·768	·740	·737	·827
3	·758	·783	·794	·801	·819	·820	·826	·805	·796	·781	·773	·764	·764	·781	·802	·827	·832	·815	·807	·777	·741	·713	·692	·683	·781
4	·687	·725	·757	·777	·793	·807	·794	·791	·770	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	·748	·734	·739	·753	·762	·791	·795	·812	·811	·787	·753	·727	·709	·692	·686	·758
6	·697	·718	·734	·774	·791	·790	·787	·774	·736	·729	·730	·730	·739	·756	·782	·796	·808	·806	·791	·770	·736	·727	·704	·701	·754
7	·701	·707	·729	·760	·798	·808	·795	·779	·761	·750	·746	·744	·751	·783	·809	·823	·836	·829	·808	·766	·731	·717	·707	·707	·764
8	·711	·733	·754	·783	·796	·797	·791	·782	·773	·755	·745	·742	·748	·769	·776	·784	·809	·823	·817	·801	·752	·723	·713	·685	·765
9	·695	·711	·749	·776	·794	·772	·756	·744	·721	·706	·699	·690	·691	·717	·743	·764	·768	·768	·753	·725	·698	·685	·677	·682	·729
10	·690	·701	·707	·717	·724	·758	·745	·726	·693	·682	·679	·686	·702	·717	·737	·742	·770	·774	·764	·742	·717	·686	·681	·683	·718
11	·692	·713	·737	·763	·777	·782	·781	·765	·751	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	·772	·800	·794	·798	·811	·835	·862	·873	·880	·863	·837	·805	·778	·764	·766	·792
13	·770	·788	·814	·841	·851	·858	·849	·843	·834	·825	·824	·821	·828	·845	·863	·882	·894	·891	·878	·859	·827	·795	·784	·779	·835
14	·786	·807	·828	·853	·877	·883	·880	·866	·849	·838	·834	·833	·852	·873	·893	·913	·926	·926	·903	·876	·847	·819	·803	·805	·857
15	·818	·832	·849	·874	·893	·907	·900	·894	·877	·859	·848	·852	·866	·884	·905	·925	·925	·924	·900	·878	·843	·829	·809	·807	·871
16	·816	·836	·853	·877	·890	·895	·886	·882	·866	·846	·834	·838	·851	·863	·886	·912	·926	·925	·904	·874	·849	·828	·811	·809	·865
17	·818	·828	·852	·874	·887	·892	·894	·886	·871	·858	·853	·844	·845	·880	·895	·910	·925	·942	·925	·904	·874	·857	·845	·857	·876
18	·887	·884	·881	·884	·888	·891	·893	·877	·862	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	·831	·807	·809	·821	·832	·852	·877	·888	·891	·869	·835	·809	·781	·764	·767	·849
20	·777	·793	·820	·838	·857	·863	·861	·863	·853	·838	·830	·826	·832	·847	·864	·878	·895	·895	·881	·847	·826	·810	·790	·783	·840
21	·793	·807	·838	·872	·885	·891	·899	·893	·883	·864	·853	·853	·863	·876	·890	·909	·929	·928	·910	·878	·851	·814	·802	·802	·866
22	·811	·820	·860	·883	·902	·916	·921	·910	·895	·876	·865	·858	·861	·890	·914	·934	·948	·948	·928	·897	·857	·834	·823	·826	·882
23	·831	·841	·865	·884	·899	·919	·919	·905	·893	·875	·864	·870	·885	·893	·916	·941	·958	·958	·941	·911	·886	·863	·842	·845	·892
24	·849	·872	·892	·925	·935	·948	·956	·928	·918	·905	·900	·897	·904	·919	·938	·958	·966	·966	·947	·920	·891	·867	·853	·855	·913
25	·864	·879	·902	·928	·954	·950	·951	·938	·920	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	·907	·901	·900	·909	·931	·950	·973	·986	·982	·960	·930	·893	·873	·859	·867	·921
27	·880	·891	·915	·938	·956	·963	·953	·933	·917	·902	·895	·895	·904	·927	·946	·979	·987	·978	·961	·927	·897	·874	·859	·859	·922
28	·871	·885	·902	·919	·948	·940	·933	·917	·908	·898	·895	·886	·886	·906	·916	·939	·953	·947	·928	·886	·858	·828	·806	·807	·898
29	·811	·822	·845	·862	·880	·877	·881	·866	·853	·833	·820	·814	·817	·831	·849	·855	·882	·877	·849	·826	·798	·772	·760	·758	·835
30	·765	·782	·803	·839	·864	·871	·866	·859	·840	·825	·818	·816	·823	·834	·855	·879	·896	·898	·879	·844	·825	·804	·782	·784	·835
31	·794	·809	·837	·872	·895	·907	·907	·896	·888	·877	·874	·873	·882	·897	·917	·937	·952	·959	·937	·914	·891	·868	·858	·855	·887
Means	·782	·798	·820	·845	·863	·869	·866	·855	·839	·826	·820	·817	·823	·841	·861	·880	·895	·894	·876	·847	·817	·794	·778	·777	·837

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

BAROMETRIC PRESSURE

Barometer at 32° = 29 English Inches + the Number in the Table

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	In.	In.	In.	In.	In.	In.	In.	In.	In.	*In.	In.	*In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	
NOVEMBER 1856																									
1	0·870	0·877	0·911	0·933	0·949	0·958	0·953	0·946	0·929	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	0·911	0·897	0·893	0·900	0·922	0·942	0·961	0·983	0·986	0·962	0·942	0·909	0·891	0·879	0·883	0·924
3	·885	·897	·922	·950	·974	·984	·973	·956	·947	·921	·899	·897	·906	·919	·950	·962	·972	·986	·970	·945	·921	·894	·882	·881	·933
4	·888	·896	·920	·941	·964	·960	·959	·958	·940	·932	·928	·927	·938	·953	·973	·994	1·005	1·004	·982	·952	·919	·893	·891	·889	·942
5	·899	·935	·948	·967	·981	·976	·971	·959	·945	·926	·912	·921	·942	·959	·974	·992	·003	0·999	·983	·961	·935	·912	·909	·910	·951
6	·924	939	·960	·991	·999	1·000	·987	·980	·971	·954	·942	·941	·954	·969	·989	1·012	·026	1·019	1·000	·977	·946	·923	·912	·908	·968
7	·920	·937	·958	·981	·996	0·988	·979	·969	·935	·925	·919	·919	·930	·939	·950	0·970	0·991	0·996	0·980	·949	·926	·900	·883	·881	·947
8	·895	·909	·932	·950	·966	·966	·963	·945	·939	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	·934	·933	·930	·939	·951	·973	·995	1·007	1·017	·998	·984	·954	·934	·916	·908	·952
10	·917	·934	·954	·972	·984	·978	·963	·957	·939	·929	·923	·918	·925	·943	·963	·983	0·990	0·995	·978	·952	·932	·902	·893	·890	·946
11	·903	·919	·934	·960	·986	·988	·976	·967	·957	·935	·918	·908	·909	·926	·949	·951	·992	·992	·974	·957	·941	·919	897	895	·944
12	·907	926	·948	·969	·982	·989	·997	·989	·962	·946	·934	·923	·923	·932	·963	·991	1·003	1·002	·988	·964	·935	·915	·904	·902	·954
13	·913	·926	·947	·976	1·014	1·018	1·010	·998	·967	·945	·927	·913	·910	·929	·958	·979	0·992	0·993	·978	·953	·917	·892	·884	·882	·951
14	·899	·912	·935	·960	0·968	0·966	0·943	·950	·925	·909	·898	·895	·904	·927	·950	·971	1·002	1·002	·975	·953	·918	·894	·883	·878	·934
15	·891	·900	·918	·939	·954	·960	·944	·927	·912	—	—	—	—	—	—	—	—	0·996	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	·906	·904	·903	·913	·921	·948	·968	0·993	—	·971	·963	·941	·923	·908	·893	·933
17	·904	·925	·942	·967	·975	·968	·968	·953	·913	·890	·872	·873	·885	·893	·921	·941	·956	·955	·941	·918	·889	·864	·858	·858	·918
18	·865	·885	·901	·919	·934	·944	·942	·907	·870	·856	·847	·830	·824	·854	·873	·896	·909	·911	·896	·855	·846	·826	·804	·799	·875
19	·802	·808	·820	·850	·851	·856	·835	·819	·789	·769	·753	·740	·738	·756	·769	·773	·782	·786	·750	·711	·665	·641	·603	·602	·761
†20	·595	·593	·603	·599	·596	·565	·549	·538	·498	·468	·424	·407	·417	·455	·505	·546	·588	·612	·615	·622	·608	·605	·619	·642	·553
21	·667	·694	·729	·751	·776	·785	·794	·775	·756	·743	·735	·733	·743	·774	·796	·829	·851	·853	·843	·819	·795	·778	·764	·765	·773
22	·782	·799	·830	·856	·879	·888	·880	·863	·847	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	·865	·887	·882	·889	·902	·927	·653	·973	·977	·967	·941	·912	·891	·883	·882	·890
24	·893	·911	·931	·954	·970	·976	·967	·968	·958	·950	·946	·942	·950	·975	·996	1·023	1·047	1·043	1·031	1·002	·974	·950	·937	·934	·968
25	·944	·955	·975	1·001	1·012	1·013	1·007	1·005	·979	·961	·948	·951	·965	·983	1·007	·035	·044	·047	·021	0·988	·969	·944	·925	·922	·984
26	·935	·957	·972	0·996	·006	·016	·005	0·999	·989	·967	·949	·940	·942	·951	0·979	·006	·024	·025	·010	·986	·950	·922	·904	·901	·972
27	·913	·931	·941	·962	0·976	0·977	0·965	·958	·946	·933	·924	·917	·922	·938	·952	0·977	0·991	0·998	0·974	·955	·926	·900	·900	·903	·945
28	·909	·916	·943	·965	·987	·994	·988	·973	·957	·928	·904	·913	·933	·950	967	·987	1·005	1·010	·999	·980	·947	·927	·909	·912	·954
29	·929	·944	·960	·975	·978	·980	·970	·960	·952	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	·951	·954	·947	·952	·956	·987	1·016	·033	·034	1·022	·989	·962	·941	·933	·923	·969
Means	0·886	·901	·922	·945	·961	·964	·956	·945	·926	·912	·902	·898	·906	·922	·944	·965	·982	·984	·966	·942	·914	·891	·878	·875	0·929
DECEMBER 1856																									
1	0·931	0·937	0·959	0·975	0·994	1·004	0·996	0·980	0·968	*0·950	0·935	*0·930	0·937	0·951	0·968	0·992	1·009	1·005	0·997	0·968	0·937	0·912	0·899	0·896	0·960
2	·908	·924	·945	·976	·980	0·983	·965	·952	·942	·933	·927	·925	·935	·946	·958	·990	·002	·004	·993	·960	·929	·905	·897	·896	·949
3	·913	·929	·961	·990	1·016	1·016	1·004	·993	·974	·963	·954	·946	·950	·975	·988	1·013	·028	·025	1·010	·976	·949	·926	·907	·912	·972
4	·931	·941	·969	·992	0·998	0·994	0·977	·967	·954	·941	·930	·924	·930	·943	·958	0·986	·006	·008	0·999	·974	·947	·925	·912	·913	·959
5	·934	·943	·975	·996	1·001	·992	·978	·976	·964	·944	·926	·925	·936	·959	·973	·998	·006	·012	·996	·972	·937	·913	·905	·900	·961
6	·916	·931	·951	·970	0·982	·991	·981	·966	·943	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	—	·897	·854	·846	·849	·859	·868	·889	0·909	0·909	·906	·875	·857	·814	·798	·790	·898
8	·804	·827	·842	·864	·875	·881	·859	·830	·813	·796	·781	·771	·773	·795	·815	·837	·852	·836	·836	·798	·769	·755	·744	·740	·812
9	·759	·776	·805	·834	·870	·890	·890	·880	·869	·863	·860	·855	·862	·883	·920	·952	·965	·975	·971	·948	·922	·895	·886	·893	·884
10	·899	·915	·954	·968	·988	·998	·990	·979	·965	·944	·926	·921	·928	·952	·975	1·003	1·021	1·022	1·008	·985	·950	·937	·927	·914	·961
11	·931	·948	·973	·998	1·009	1·009	1·014	1·011	·995	·971	·949	·944	·951	·961	·971	·002	·029	·026	·018	·990	·962	·937	·927	·929	·977
12	·944	·952	·970	1·004	·009	·022	·017	·008	·998	·974	·953	·954	·967	·977	·997	·033	·052	·053	·049	1·019	·995	·970	·947	·955	·992
13	·972	·985	1·012	·036	·049	·051	·041	·031	1·010	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	·976	·945	·938	·942	·950	·969	·004	·026	·030	·018	0·997	·960	·932	·918	·917	·988
15	·925	·941	0·967	0·996	·012	·013	·009	0·998	0·987	·963	·942	·936	·941	·953	·974	0·998	·018	·021	·007	·975	·946	·917	·904	·920	·969
16	·925	·943	·972	1·000	·010	·012	·006	·996	·978	·959	·943	·936	·941	·953	·973	·998	·025	·027	·020	·997	·958	·936	·924	·921	·973
17	·939	·948	·967	0·985	0·994	·000	0·996	·987	·975	·964	·956	·951	·958	·967	·979	1·004	·020	·030	·021	·997	·962	·939	·937	·945	·976
18	·956	·965	·989	1·013	1·025	·029	1·021	1·009	·998	·985	·974	·971	·980	·996	1·013	·033	·052	·049	·041	1·011	·984	·962	·955	·951	·998
19	·970	·981	1·008	·027	·039	·050	·043	·039	1·030	1·022	1·017	1·014	1·023	1·040	·061	·093	·115	·115	·105	·073	1·042	1·015	1·007	1·005	1·039
20	1·013	1·030	·045	·063	·069	·076	·070	·063	·052	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	—	·014	0·978	0·974	0·982	·003	·028	·062	·081	·085	·073	·042	·013	0·994	0·976	0·979	·032
22	0·991	·010	·040	·060	·073	·064	·060	·045	·043	·027	1·014	1·010	1·018	·035	·039	·076	·097	·104	·090	·061	·024	·995	·971	·969	·038
23	·982	0·995	·024	·044	·061	·062	·053	·046	·023	·007	0·994	0·979	0·975	0·994	·016	·043	·055	·060	·046	·021	0·993	·962	·941	·943	·013
24	·958	·972	0·987	·012	·022	·028	·023	·009	0·991	0·972	·955	·952	·961	·978	0·998	·023	·049	·048	·031	0·994	·962	·939	·918	·920	0·988
25	·941	·955	·979	·005	·017	·015	·008	·002	·971	·957	·946	·943	·952	·957	·999	·023	·048	·057	·040	1·023	·996	·965	·951	·951	·988
26	·976	·996	1·019	·052	·064	·063	·061	·057	1·037	1·024	1·014	1·009	1·016	1·026	1·050	·083	·107	·103	·091	·062	1·030	1·005	·990	·985	1·038
27	·997	1·008	·025	·039	·045	·047	·041	·035	·018	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	0·987	0·959	0·952	0·957	0·964	0·990	·019	·026	·025	·012	0·993	0·962	0·942	·925	·925	0·996
29	·933	0·952	0·961	0·975	0·978	0·983	0·979	0·975	0·967	·956	·948	·943	·950	·963	·982	·014	·032	·029	·011	·991	·956	·931	·920	·918	·969
30	·925	·942	·955	·979	·988	·987	·984	·977	·970	·951	·943	·936	·940	·946	·966	0·995	·013	·011	0·994	·965	·935	·901	·889	·883	·957
31	·890	·906	·935	·959	·966	·970	·968	·963	·954	·938	·925	·923	·932	·949	·973	1·008	·027	·034	1·018	·994	·961	·932	·921	·927	·957
Means	0·932	·946	·970	·993	1·005	·009	·001	0·992	·977	·958	·943	·937	·944	·958	·978	1·006	·025	·026	·015	0·987	·957	·932	·918	·918	0·972

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.
† The Observations of 20th date are omitted from the mean on account of a storm.

DRY STANDARD THERMOMETER NO. 7

(Corrected to the Kew Observatory Standard Thermometer)

	Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
	Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
JANUARY 1856		o	o	o	o	o	o	o	o	o	* o	o	* o	o	o	o	o	o	o	o	o	o	o	o	o	o
	1	76·3	76·3	76·1	75·4	75·3	75·2	75·1	75·2	75·0	74·8	74·6	74·1	73·6	72·6	72·3	74·9	78·6	80·1	79·7	81·9	80·3	80·4	79·6	79·6	76·5
	2	78·8	76·3	75·3	74·6	74·1	72·9	69·6	68·9	69·2	68·8	68·4	68·0	67·6	67·5	67·6	71·8	75·8	78·9	79·6	79·7	79·2	81·2	80·8	81·2	74·0
	3	79·5	76·9	75·3	72·2	70·5	70·4	70·1	70 1	69 3	68·9	68·6	68·1	67·6	66·7	66·4	71·4	76·1	78·0	79·7	80 2	81·0	81·3	81·4	81·1	73·8
	4	79·3	77·1	75·1	72·1	71·2	70·6	69·4	69·4	69·7	68·5	67·4	66·5	65·5	65·2	65·7	71·1	76·0	78·4	79·5	80·8	81·0	81·5	80·7	80·1	73·4
	5	79·1	76·6	74·3	72 2	70·5	70·4	69·4	69·4	68·6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	6	—	—	—	—	—	—	—	—	—	67·6	66·7	66·6	66·4	65 4	65 3	70·9	75·9	79·4	81·1	81·3	81·6	81·4	81·2	81·1	73·4
	7	80·3	77·3	75·7	72·6	71·3	70·1	69·6	69·2	68·9	68·4	68·0	67·6	67·2	66·4	66·1	71·2	76·1	80·1	80·9	80·9	81·5	81·3	81·4	81·3	73·9
	8	80·4	78·4	73·7	72·8	71·4	70·6	70·4	70·0	70·2	69·6	69·1	68·3	67·4	67·1	67·4	72·4	77·3	79·1	79·9	81·8	81·1	81·8	80·3	81·6	74·3
	9	80·1	78·3	76·8	74·2	73·1	72·3	72·2	71·3	70·9	70·6	70·4	69·9	69·4	69·2	70·2	71·4	77·0	79·2	80·6	81·0	82 6	83·0	81 9	81·3	75·3
	10	80·5	78·8	76·3	75·8	72·4	72·2	71·9	70·9	70·4	69·5	68·6	68·8	68·9	67·2	67·3	72·6	77·9	80·1	80·8	82·5	81·3	80·8	81·6	80·6	74·9
	11	80·6	78·3	76·7	75·4	75·4	73·9	72·6	72·5	71·6	70·6	69·6	69·8	70·0	69·4	69·4	72·2	77·5	80·6	81·3	81·4	82·4	81·3	80·4	80·6	75·6
	12	79·3	78·0	76·5	76·2	75·5	75·0	74·6	74·2	72·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	13	—	—	—	—	—	—	—	—	—	71·1	70·0	69·5	68·9	68·6	69·3	72·7	77·9	80·7	81·1	82·3	82·5	81·8	81·3	79·8	75·8
	14	80·0	78·2	77·1	76·5	76 2	76·1	75·9	75·6	74·9	73·1	71·4	70·8	70·1	69·4	69·4	73·6	76·4	79·5	80·7	82·3	82·0	82·1	81·1	80·3	76·4
	15	79·8	78·3	77·3	76·8	76·5	76·2	75·6	75·2	72·6	72·2	71·9	70·2	68·4	68·3	68·4	71·6	78·3	79·8	80·8	81·0	82·0	81·6	81·1	80·8	76·0
	16	79·5	78·6	76·5	76·3	76·0	73·7	72·4	71·4	71·4	71·0	70·6	70·1	69·6	68·4	69·2	70·4	76·5	80·0	81·6	83·3	82·5	82·3	83·3	82·6	75·7
	17	82·1	78·5	75·2	74·2	73·6	72·1	70·6	70·5	70·3	69·3	68·4	68·3	68·2	67·6	68·2	72·4	76·3	80·3	82·9	85·3	85·5	85·9	84·3	82·8	75·5
	18	80·5	78·1	76·5	75·6	75·2	75·3	72·1	71·4	70·4	69·9	69·4	68·5	67·6	67·0	67·4	72·4	76·5	79·8	82·3	83·5	83·5	83·1	82·9	81·8	75·4
	19	81 3	78·3	77·5	77·0	76·4	75·2	72·6	74·4	73·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20	—	—	—	—	—	—	—	—	—	74·1	74·9	74·7	74·4	74·4	73·0	75·5	78·3	79·5	80·7	80·6	80·5	81·5	80·6	80·0	77·0
	21	78·8	78·3	77·4	77·2	77·1	77·2	77·1	76·6	76·3	75·6	74·9	74·3	73·6	72·5	72·9	75·5	78·5	80·1	82·1	82 3	82·6	83·2	82·5	81·8	77·8
	22	81 3	79·0	77·2	75·3	74·2	72·6	71·4	71·3	70 6	69·9	69·3	69·8	70·2	68·4	68·8	73·6	78·1	81·1	82·7	82·3	82·4	83·3	82·3	82·3	75·7
	23	81·8	79·8	77·7	75·2	72·8	72·6	72·1	70·8	70·9	70·4	69·9	69·5	69·1	67·8	68·2	72·3	78·0	81·2	81·4	81·5	82·4	83·3	83·2	82·3	75·6
	24	81·3	78·9	75·1	72·6	72·2	70·2	69·4	69·4	68 6	68·5	68·4	67·7	67·0	66·6	67·4	71·2	76·8	79·3	81·8	82·3	82·8	82·6	82 7	82·6	74·4
	25	81·9	80·0	78·0	77·5	77·1	75·4	74·6	72·9	70·4	69·9	69·4	69·0	68·6	67·9	67·5	73·4	79·2	79·7	82·2	83·4	84·3	84·1	82·3	82·5	76·3
	26	82·3	79·7	75·5	74·8	73·5	71·9	71·5	71·0	69·6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	27	—	—	—	—	—	—	—	—	—	69·5	69·5	68·7	67·8	68·2	67·4	70·7	75·5	81·2	80·3	82·4	83·0	83·3	83·3	83·0	75·1
	28	81·9	79·5	77·5	77·0	76·7	76·5	76·1	75·6	75·3	75·3	75·4	72·6	69·7	70·0	70·4	72·2	78·8	82·1	82·5	83·3	83·8	83·1	83·3	82·5	77·5
	29	81·1	79·3	78·1	77·5	77·3	76·7	76·2	76·1	76·1	75·7	75 3	74·9	74·4	71·6	71·5	75·3	77·1	78·2	81·2	82·4	83·3	82·4	81·9	82·3	77·7
	30	81·0	79·3	78·0	77·6	77·3	77·3	77·1	76·6	75·8	74·6	73·4	72·7	71·9	71·8	71·1	76·1	80·5	81·1	83·3	85·1	85·3	85·1	83·5	83·2	78·3
	31	81·9	79·8	79·2	78·3	78·3	78·0	77·7	77·3	77·3	77·2	77·2	76·4	75·5	73·8	73·9	77·3	81·1	83·3	85·4	85·1	84·5	84·7	83·3	83·0	79·6
	Means	80·4	78·4	76·5	75·3	74·5	73·7	72·9	72·5	71·8	71·3	70·8	70·2	69·6	68·9	68·9	72·8	77·5	80·0	81·3	82·2	82·4	82·5	81·9	81·6	75·7
FEBRUARY 1856	1	81·5	79·5	78·6	78·3	78·3	78·0	77·6	77·3	76·6	* 75·7	74·8	* 74·1	73·4	72·9	72·0	76·3	80·7	81·3	82·1	84·8	84·5	85·3	83·3	83·5	78·8
	2	82·1	80 4	79·3	78·8	78·6	78·3	78·0	78·1	77·6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	3	—	—	—	—	—	—	—	—	—	76·4	75·3	74·9	74·4	74·2	74·4	75·4	79·6	82·3	84·0	84·5	84·8	84·2	84·0	83·3	79·3
	4	81·8	80·3	79·4	79·1	78·7	78·5	77·7	77·7	76·7	75·5	74·4	74·0	73·5	73·6	73·6	78·0	81·3	85·3	84·5	85·8	85·6	85·0	84·8	84·0	79·5
	5	82·4	80·6	79·6	79 3	79·0	78·7	78·3	78·0	77·5	76·8	76·1	74·9	73·6	74·4	74·4	78·5	79·3	81·7	82·3	84·3	85·1	85·1	84·3	83·8	79·5
	6	82·5	81·0	79·7	79·5	79·3	78·7	78·6	78·3	78·3	77·8	77·3	76·8	76·3	72·3	72·9	74·4	81·1	82·3	83·4	84·8	84·5	83·9	83·8	82·7	79·6
	7	81·9	80·7	80·2	79·4	79·1	79·1	78·5	78·1	77·7	77·6	77·5	75 9	74·2	73·6	74·6	79·5	81·1	82·3	83·2	83·7	84·5	85·5	83·8	82·3	79·8
	8	82·8	81·1	79·7	79·3	78·5	78·3	78·3	77 4	77·3	77·1	77·0	76·7	76·3	75·5	75·3	75·3	79·7	82·8	83·2	84·3	84·3	84·7	83·9	83·8	79·7
	9	82·6	80·3	79·4	78·5	78·4	78·3	77·7	77·3	76·9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	10	—	—	—	—	—	—	—	—	—	74·6	72·4	72·4	72·4	71·4	72·9	77·4	80·6	82·1	83·5	85·3	84 9	85·7	84·8	84·1	78·9
	11	83·4	81·3	80·4	79·6	78·7	78·6	77·8	77 5	75·5	74·5	73·6	72·9	72·2	71·0	72·2	76·2	80·4	81·5	85·3	85·4	87·3	86·7	87·0	86·1	79·4
	12	84 0	81·3	80·1	79·5	78·5	78·1	77·4	76·4	75·5	74·3	73·2	72·4	71·5	71·2	72·2	76·1	80·8	83·5	87·3	87·7	86·3	85·8	85·6	84·1	79·3
	13	82 8	80·8	79·4	78·5	77·3	77·0	76·3	75·1	73·9	73·1	72·4	71·9	71·4	70·2	70·0	75·4	79·6	81·7	84·9	84·7	85·3	85·4	84·9	83·6	78·2
	14	82·0	80·3	78·6	77·1	76·0	74·6	73·2	72·2	71·4	70·9	70·4	69·8	69·1	68·4	68·4	73·6	78·3	81·5	84·5	85·5	86·6	86·3	85·8	85·4	77·1
	15	83 8	80·3	78·3	76·9	75·1	74·4	73·1	71·4	70·4	69·5	68·7	68·4	68·1	67·4	67·3	72·7	77·5	81·5	85·1	86·8	85·8	84·8	84·1	83·3	76·4
	16	82·3	80·3	78·3	77·1	75·2	73·9	72·5	72·6	71·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	17	—	—	—	—	—	—	—	—	—	70·2	69·4	68·9	68·4	68·6	68·2	74·4	79·1	81·7	82·5	83·9	84·3	83·7	84·3	83·6	76·4
	18	83 3	81·3	80·4	79·5	79 2	78·8	78·3	78·3	78·3	77·8	77·3	74·8	72·2	71·6	72·4	76·2	81·5	83·2	84·3	84·8	83·8	84·4	84·1	83 7	79·6
	19	82·8	81·5	80·4	80·1	79·7	79·3	78·5	76·4	75·1	74·5	73·9	73·4	72·9	72·5	73·4	76·1	80·0	81·3	83·0	83 9	84·4	84·3	84·3	82·9	78·9
	20	82·7	81·5	80·3	79·8	79·3	78·7	78·4	77·7	77·5	75·4	73·4	72·4	71·3	70·6	70·6	75·8	80·4	82·8	83·5	83·8	84·3	85·1	84·3	83·3	78·9
	21	82 5	80·9	80·0	79·3	78·6	77·5	76 2	74·3	72·4	71·3	70·2	69·3	68·4	67·4	67·6	74·2	79·4	81·3	82 8	83·7	84·1	84·3	83·5	83·3	77·2
	22	82·8	80·8	79·6	77·3	75·2	73·3	72·6	72·4	71·2	70·4	69·6	68·5	67·4	67·3	67·2	74·5	79·3	81·8	82·3	82·8	82·5	83·7	83·0	83·1	76·2
	23	82·0	80·5	79·1	78·5	78·1	77·2	75·3	74·4	73·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	24	—	—	—	—	—	—	—	—	—	72·1	70·9	70·7	70·4	69·4	68·8	75·5	80·4	82·3	83·5	83·9	85·0	84·4	84·6	83·9	77·7
	25	83·7	81·8	80·7	80·4	80·3	79·6	79·3	79·1	78·8	78·8	78 8	78·6	78·4	78·3	78·5	81·3	82·5	83·5	84·2	85·9	86·2	85·9	85·2	85·3	81·5
	26	83 9	82·1	80·9	80·3	79·5	79·5	79·3	75·3	76·8	76·1	75·4	75·0	74·5	73·6	73·7	78·1	81·5	84·6	85·0	84·9	86·6	86·4	85·7	85·2	80·2
	27	83·8	82·0	80·6	80·3	79·9	79·6	79·5	79·3	77·8	76·2	74·7	74·3	73·9	73 4	74·4	77·2	81·3	85·1	88·3	85·9	86 5	87 5	85·9	84·6	80·5
	28	83 5	81·7	80·9	80·3	79·5	79·2	78·5	78·3	75·8	75·1	74·4	73·6	72·7	71·6	72·4	75·4	80·6	83·3	84·2	85·6	85·7	85 9	84·9	85·1	79·5
	29	84·3	82·2	80·6	80·2	80·0	79·6	78·8	78·6	76·3	74·9	73·6	72·8	72·0	71·6	72·2	77·3	81·3	83·3	84·4	84·5	86·1	85·8	85 6	85·0	79·6
	Means	82 8	81·0	79·8	79·1	78·4	77·9	77·2	76·5	75·6	74·7	73·8	73·1	72·4	71·7	72 0	76·2	80·3	82·6	84·1	84·8	85·2	85·2	84·6	84·0	78·9

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

DRY STANDARD THERMOMETER No. 7

(Corrected to the Kew Observatory Standard Thermometer)

	Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
	Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
MARCH 1856		o	o	o	o	o	o	o	o	o	* o	o	* o	o	o	o	o	o	o	o	o	o	o	o	o	o
	1	84·3	81·3	79·3	78·8	78·0	77·5	77·3	77·0	75·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	2	—	—	—	—	—	—	—	—	—	76·2	77·1	76·7	76·3	74·4	74·3	75·5	78·3	83·8	86·1	86·2	86·3	87·5	86·1	85·0	79·9
	3	84·3	82·3	81·1	80·4	80·0	79·4	78·7	78·0	76·6	75·0	73·5	73·5	73·4	72·6	73·2	76·7	80·3	83·3	84·2	84·6	84·6	85·4	85·5	85·3	79·7
	4	83·7	81·8	80·3	79·5	78·6	76·4	75·1	74·2	72·9	72·2	71·5	71·1	70·6	69·6	70·6	74·4	78·7	82·3	84·7	84·8	85·0	85·4	85·6	84·8	78·1
	5	83·7	81·5	80·1	79·3	78·5	77·0	76·3	74·4	73·4	72·6	71·9	71·2	70·4	70·4	70·4	74·8	79·1	82·3	83·3	84·3	84·3	84·2	84·1	83·8	78·0
	6	83·0	81·3	79·9	79·4	78·5	77·6	76·6	74·2	73·5	72·4	71·4	71·1	70·7	70·6	70·4	74·9	79·0	81·8	82·8	82·7	84·2	83·5	83·7	82·8	77·8
	7	82·3	80·4	78·5	77·1	75·3	74·3	73·5	72·3	71·2	70·6	70·1	69·8	69·4	68·6	68·7	73·4	78·1	80·6	83·1	84·2	84·5	85·3	84·3	83·3	76·6
	8	83·0	80·5	78·7	77·2	75·3	74·2	73·4	72·4	71·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	9	—	—	—	—	—	—	—	—	—	72·9	74·4	73·5	72·6	72·2	72·9	77·3	81·7	83·1	86·1	86·5	87·1	87·0	87·1	85·5	78·6
	10	84·1	81·8	80·5	79·6	79·5	78·8	78·6	77·8	76·3	75·1	74·0	73·5	73·0	72·7	73·4	77·3	82·5	84·3	85·8	87·4	87·5	87·6	87·0	86·1	80·2
	11	84·8	82·8	81·4	80·7	80·5	80·0	79·5	79·3	78·4	77·5	76·6	75·9	75·2	75·2	75·7	78·8	83·0	86·5	87·3	87·5	88·1	87·5	86·5	85·8	81·4
	12	85·1	82·8	81·0	80·4	80·0	79·6	79·0	78·2	76·7	76·3	75·9	75·4	74·9	74·4	74·5	78·2	82·5	85·2	86·0	86·4	87·5	87·1	86·4	85·5	80·8
	13	84·4	82·5	81·0	80·3	79·6	78·4	78·3	78·4	77·4	77·8	78·3	77·8	77·2	75·4	75·2	78·6	83·3	85·1	86·3	86·8	87·4	86·3	86·4	85·4	81·2
	14	84·4	82·8	81·0	80·2	79·9	79·5	78·8	77·3	76·0	75·1	74·3	73·9	73·4	72·9	73·5	76·6	81·8	81·3	85·6	85·5	87·3	87·1	86·5	86·3	80·0
	15	84·8	82·3	81·5	81·3	80·5	80·0	79·4	79·2	78·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	16	—	—	—	—	—	—	—	—	—	77·6	76·5	76·0	75·5	75·2	75·5	80·1	84·3	86·3	87·5	88·1	88·3	88·5	88·3	87·3	81·8
	17	85·8	83·8	82·7	81·4	81·0	80·5	80·2	79·9	79·5	78·4	77·3	76·5	75·6	75·3	76·0	79·6	83·5	85·2	87·6	88·3	88·7	89·1	88·1	87·3	82·1
	18	85·8	84·2	82·3	81·7	81·1	80·6	80·5	80·0	79·7	78·9	78·1	77·5	76·8	76·2	76·8	80·2	84·1	87·2	86·3	88·4	88·4	89·2	88·3	87·4	82·5
	19	85·8	84·1	82·4	81·4	81·2	80·7	80·3	80·3	80·0	78·9	77·8	77·2	76·5	76·3	77·3	81·0	84·3	87·5	90·5	89·5	88·8	88·8	89·1	88·1	82·8
	20	85·3	83·8	82·5	82·4	82·4	82·1	81·5	81·5	81·3	80·8	80·3	79·8	79·3	77·8	78·5	83·0	85·2	88·3	91·0	91·9	90·5	90·5	89·2	87·8	84·0
	21	86·2	85·2	83·3	82·5	82·4	81·9	81·4	81·4	81·1	80·0	79·0	78·8	78·6	77·4	78·3	82·8	86·4	88·3	89·0	89·6	89·5	89·6	89·4	86·8	83·7
	22	85·7	84·3	83·0	82·3	82·1	81·5	81·3	81·1	80·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	23	—	—	—	—	—	—	—	—	—	79·2	78·1	77·9	77·6	77·1	78·3	82·1	84·8	88·4	90·8	91·3	90·6	90·7	90·4	89·1	83·7
	24	87·1	84·4	82·8	82·3	81·4	81·2	80·8	80·2	78·5	77·4	76·3	75·8	75·2	74·3	76·1	80·8	84·5	88·2	90·9	93·3	90·5	90·4	89·9	89·0	83·0
	25	86·5	83·8	82·0	81·3	80·3	80·2	79·5	79·2	78·3	76·8	75·4	75·0	74·6	74·6	76·5	80·8	83·7	86·7	88·0	88·1	88·0	87·1	87·3	86·1	81·7
	26	85·1	83·2	81·3	81·0	80·1	79·4	78·6	78·4	75·5	75·2	74·9	74·3	73·7	73·6	74·8	79·4	83·7	85·5	86·8	88·1	87·8	87·9	87·5	86·8	80·9
	27	85·7	83·3	81·5	81·1	80·5	79·7	79·1	78·1	77·3	75·8	74·4	73·7	73·0	73·4	74·4	80·2	83·8	85·1	87·1	87·3	87·6	88·2	88·1	87·1	81·1
	28	85·9	83·4	82·0	80·6	79·8	78·9	77·3	77·0	76·0	75·6	75·3	74·9	74·4	74·6	75·8	80·1	83·8	87·3	88·3	89·2	89·5	89·8	89·3	88·2	81·5
	29	86·8	84·9	83·1	82·3	81·5	81·3	80·9	80·4	80·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	30	—	—	—	—	—	—	—	—	—	78·6	77·3	77·2	77·0	76·1	77·4	81·5	85·6	87·7	88·3	89·2	89·2	89·4	89·3	89·1	83·1
	31	86·8	85·1	83·3	82·7	82·4	82·3	82·2	81·5	80·8	80·4	80·1	79·2	78·3	77·5	78·2	82·1	83·5	87·3	86·9	89·1	88·5	88·5	88·4	88·3	83·5
	Means	85·0	83·0	81·4	80·7	80·0	79·4	78·8	78·1	77·2	76·4	75·8	75·3	74·7	74·2	74·9	78·9	82·7	85·3	86·9	87·6	87·7	87·8	87·4	86·5	81·1
APRIL 1856																										
	1	86·4	85·3	83·3	83·0	82·5	82·4	82·2	82·0	81·8	* 81·6	81·5	* 81·2	80·9	80·4	82·8	85·4	88·3	88·8	90·1	89·3	91·3	90·5	90·3	89·1	85·0
	2	88·3	86·1	83·5	83·0	82·5	82·3	81·8	81·5	81·4	80·4	79·5	78·5	77·5	77·7	80·4	83·4	87·5	89·9	90·6	92·3	92·1	91·8	91·3	90·1	84·7
	3	88·3	86·1	84·2	83·4	83·0	82·5	82·3	81·5	81·6	81·4	81·3	80·7	80·1	79·5	80·8	84·5	88·1	91·1	93·5	93·5	94·1	92·3	91·5	90·8	85·7
	4	89·3	86·5	84·2	83·6	83·1	82·5	81·8	81·3	80·9	80·3	79·8	79·2	78·5	77·9	80·2	84·1	86·0	89·4	90·3	90·8	90·5	91·1	90·1	89·2	84·6
	5	87·3	85·3	83·3	82·9	82·3	82·0	81·4	80·5	79·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	6	—	—	—	—	—	—	—	—	—	79·2	79·0	78·8	78·6	78·3	78·9	81·8	85·3	89·0	92·5	94·6	93·5	93·5	94·3	91·8	84·7
	7	89·3	86·1	83·7	83·2	82·6	82·3	81·8	81·3	80·3	79·8	79·3	78·9	78·4	78·1	79·8	84·0	88·0	89·1	90·6	92·3	91·5	91·8	92·3	91·2	84·8
	8	89·3	87·1	84·5	83·5	83·0	82·5	82·3	82·0	82·1	81·9	81·8	81·2	80·6	80·5	81·4	84·4	87·5	91·5	92·4	92·6	93·3	92·1	90·5	89·3	85·7
	9	87·1	85·5	83·9	83·7	83·2	83·1	82·9	82·3	82·3	82·3	82·4	82·3	82·1	81·4	82·8	85·5	87·1	89·0	91·1	91·9	93·1	91·8	90·5	91·5	85·8
	10	87·3	85·5	83·8	83·3	82·8	82·4	82·2	81·5	81·3	80·3	79·4	78·9	78·3	77·6	78·6	83·9	87·3	89·7	90·4	91·5	89·5	91·1	89·3	89·0	84·4
	11	87·6	86·2	84·3	83·5	83·1	83·0	82·7	82·2	81·8	81·1	80·5	80·2	79·9	79·3	81·5	85·1	87·5	89·3	91·3	91·3	92·1	91·9	91·3	90·3	85·3
	12	89·5	87·3	85·3	84·8	84·3	83·8	83·3	82·5	82·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	13	—	—	—	—	—	—	—	—	—	82·7	82·4	82·1	81·8	81·8	83·3	86·5	89·5	92·6	92·9	94·2	92·3	93·2	92·3	90·9	86·7
	14	88·9	86·5	85·5	85·4	85·8	85·6	85·4	85·1	85·3	84·8	84·3	82·2	80·0	80·5	81·5	84·0	84·3	86·5	88·5	90·5	92·5	94·1	93·4	91·3	86·3
	15	89·3	86·6	84·5	84·4	83·5	82·9	82·5	82·4	82·0	81·6	81·3	80·7	80·0	79·4	81·4	86·1	89·5	92·5	95·1	94·6	95·7	94·3	92·6	91·2	86·4
	16	90·9	87·8	86·2	85·5	84·6	84·3	84·3	83·8	83·3	82·7	82·2	81·2	80·2	79·2	83·1	86·3	89·0	90·0	92·3	93·2	92·5	91·8	91·7	90·3	86·5
	17	89·0	87·3	85·1	84·5	84·0	83·3	82·1	80·1	79·3	79·0	78·8	78·0	77·1	76·3	80·3	83·8	86·5	89·1	90·3	90·6	91·5	91·3	90·9	89·8	84·5
	18	88·6	86·4	84·4	83·6	83·1	82·3	80·5	79·7	79·5	78·4	77·3	76·7	76·1	76·1	78·8	82·8	85·7	88·9	89·8	91·1	91·6	91·3	90·9	90·5	83·9
	19	88·3	86·5	84·3	83·5	83·2	82·5	82·3	81·8	80·6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20	—	—	—	—	—	—	—	—	—	79·1	79·2	79·3	79·3	79·2	81·3	84·6	88·4	89·3	91·1	93·2	94·1	93·1	92·8	91·5	85·4
	21	89·6	87·3	84·7	83·7	83·2	83·1	82·5	82·3	82·3	81·9	81·5	81·3	81·1	81·1	83·3	84·4	86·3	88·8	90·3	91·6	92·3	91·9	91·3	91·3	85·7
	22	89·5	87·3	85·1	84·3	83·3	83·0	82·6	82·3	82·3	81·8	81·3	81·1	80·8	80·5	82·8	86·2	89·3	90·5	91·3	92·3	92·3	92·3	90·6	90·3	86·0
	23	87·5	86·3	84·9	84·2	83·5	83·3	82·7	82·5	82·3	82·5	82·7	82·1	81·5	81·3	81·8	86·5	88·2	91·5	92·5	95·4	94·1	93·8	92·5	91·8	86·5
	24	88·1	86·9	85·1	84·5	84·2	83·5	83·4	83·3	83·3	82·9	82·6	82·5	82·3	82·0	83·5	87·3	90·8	93·7	93·2	93·5	93·3	94·0	92·5	91·1	87·0
	25	89·9	86·8	85·7	85·4	84·9	85·0	84·7	84·1	83·7	83·6	83·5	83·1	82·7	82·7	84·5	87·1	91·0	93·3	94·0	94·3	94·2	94·2	92·0	86·3	87·4
	26	86·4	85·5	84·3	84·0	83·8	83·1	83·1	82·5	81·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	27	—	—	—	—	—	—	—	—	—	82·3	82·3	82·3	82·2	81·9	84·3	87·5	89·5	90 7	91·8	92·3	93·3	92·3	91·1	88·1	86·1
	28	78·3	77·9	78·1	77·8	78·0	78·3	78·5	77·7	77·3	77·1	76·9	76·5	76·1	76·5	78·5	81·3	84·5	86·5	89·3	91·2	90·8	90·5	87·3	87·7	81·4
	29	86·7	85·6	84·1	83·5	83·5	83·2	83·0	82·4	82·3	81·8	81·4	80·4	79·3	78·8	81·1	83·3	87 6	90·3	92·3	92·8	93·3	93·3	91·5	91·5	85·5
	30	90·3	88·1	85·4	85·0	84·7	84·9	84·3	83·8	83·1	82·2	81·3	80·6	79·8	79·6	82·5	86·5	89·5	92·1	93·3	95·6	93·8	91·8	91·5	90·5	86·7
	Means	88·1	86·2	84·3	83·7	83·3	83·0	82·6	82·0	81·7	81·3	80·9	80·4	79·8	79·5	81·5	84·9	87·8	90·1	91·6	92·6	92·6	92·4	91·4	90·3	85·5

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

DRY STANDARD THERMOMETER No. 7

(Corrected to the Kew Observatory Standard Thermometer)

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
										*		*													
	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
MAY 1856 1	89·3	87·8	86·0	85·5	85·5	85·4	85·2	84·3	83·3	83·3	83·3	83·2	83·0	82·8	74·2	74·2	75·3	79·8	85·6	87·5	87·7	87·1	87·3	85·5	83·8
2	84·5	83·3	82·3	82·3	82·1	82·3	80·6	79·1	78·1	77·7	77·3	76·9	76·5	77·3	78·5	82·1	85·8	88·1	90·5	91·7	90·5	89·2	89·0	88·3	83·1
3	86·8	84·8	84·3	84·1	83·5	83·5	83·3	83·1	83·1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	80·3	80·4	80·5	80·5	80·3	82·2	85·8	87·8	89·9	91·2	91·8	91·8	91·9	91·3	90·0	85·5
5	88·9	87·7	85·7	85·1	84·8	84·5	84·3	84·1	82·3	82·4	82·6	82·1	81·5	80·8	84·0	85·8	90·1	90·0	89·9	91·8	91·8	91·5	91·7	88·9	86·3
6	87·4	86·5	85·5	85·2	85·1	84·8	84·3	84·1	82·5	82·0	81·5	80·9	80·3	80·3	83·0	85·7	88·8	90·8	91·3	91·8	91·7	92·3	91·8	91·8	86·2
7	90·3	87·5	85·8	85·2	84·6	84·5	84·4	84·1	83·5	82·9	82·3	81·8	81·3	81·5	84·3	85·3	88·3	92·1	93·3	93·3	91·4	92·1	90·0	91·0	86·7
8	89·5	86·4	85·8	85·4	85·3	84·5	84·3	83·3	83·3	83·9	82·5	82·4	82·2	82·2	83·7	86·8	89·6	90·3	92·3	92·9	93·8	92·0	92·3	90·7	86·9
9	90·7	87·3	85·7	85·2	84·8	84·5	84·1	84·0	84·0	83·6	83·2	82·9	82·5	82·3	85·0	88·2	90·0	93·3	93·1	92·9	93·3	92·3	92·5	91·8	87·4
10	90·9	89·0	86·3	85·6	84·7	84·5	84·4	84·3	84·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	83·7	83·5	83·3	83·1	83·2	85·3	87·4	90·7	94·3	95·8	95·2	95·1	94·2	93·3	93·3	88·1
12	92·5	89·3	86·4	86·0	85·5	85·1	85·0	84·7	84·3	83·8	83·3	82·8	82·3	82·5	84·8	88·3	92·3	95·0	97·4	97·2	96·2	96·0	95·4	94·2	88·8
13	92·8	89·3	86·6	86·2	85·7	85·5	85·3	85·3	85·5	85·3	85·1	84·7	84·2	83·4	85·3	88·5	92·3	95·7	98·4	101·2	100·1	98·0	96·4	93·3	89·8
14	89·5	88·3	86·4	86·4	86·3	86·3	86·3	86·4	87·0	86·8	86·7	85·7	84·6	84·3	87·4	90·5	94·3	97·4	98·1	95·3	94·6	95·2	94·3	93·2	89·6
15	92·0	88·3	86·7	86·2	86·2	87·0	87·3	85·9	86·8	86·6	86·5	85·4	84·3	84·2	83·5	79·2	78·1	77·1	77·9	77·8	78·8	81·0	82·3	82·2	83·8
16	82·6	81·8	80·4	79·9	79·3	79·3	79·2	78·5	77·8	77·0	76·3	75·9	75·5	76·3	80·3	84·2	87·3	88·5	87·5	88·5	89·4	89·7	89·1	88·0	82·2
17	87·7	85·4	83·7	83·5	83·2	83·1	82·3	82·1	82·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	80·4	80·5	80·6	80·6	79·5	78·6	80·4	80·2	79·8	81·1	81·9	83·0	82·6	82·1	82·7	82·0
19	82·3	82·3	81·4	80·4	79·6	78·8	78·7	79·3	78·3	77·6	77·0	76·3	75·6	76·3	77·2	80·3	81·0	82·3	81·3	79·8	77·4	76·3	75·6	76·3	78·8
20	77·0	78·4	77·3	77·3	79·0	79·3	78·3	78·3	78·3	77·8	77·3	77·0	76·6	76·8	77·4	77·9	79·7	80·6	81·3	82·0	82·2	83·0	85·5	85·5	79·3
21	80·1	79·6	78·6	78·1	79·1	79·5	79·3	79·3	78·5	78·1	77·8	78·1	78·3	77·9	78·8	80·1	81·5	83·3	85·4	87·8	89·5	89·3	86·8	85·4	81·3
22	83·8	77·0	77·5	77·5	79·3	80·0	80·0	79·3	78·5	78·0	77·5	77·3	77·1	76·7	79·9	83·5	85·5	86·8	87·3	87·3	87·4	87·6	87·5	87·0	81·6
23	86·8	85·3	83·4	82·5	79·0	79·3	79·1	78·5	78·3	78·7	79·1	78·7	78·3	77·9	79·2	81·5	85·1	87·8	89·1	89·5	90·8	91·8	92·3	88·3	83·3
24	86·8	86·3	83·1	83·0	82·4	82·4	82·4	82·3	81·9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	80·8	80·5	80·2	79·8	79·7	80·5	83·3	85·0	87·5	90·3	91·8	93·5	93·1	92·8	92·1	85·1
26	91·3	89·5	87·0	86·2	84·8	84·1	83·5	82·3	81·9	81·4	80·9	80·3	79·6	79·2	80·1	83·6	87·5	89·7	90·4	92·1	93·2	93·4	93·8	92·3	86·2
27	91·9	87·5	87·6	87·2	84·7	83·5	83·3	83·3	83·3	82·6	82·0	81·7	81·3	81·8	83·2	86·8	88·3	90·5	92·8	95·2	96·0	94·3	90·5	90·1	87·1
28	89·4	87·8	85·5	84·8	84·9	85·1	84·3	83·8	84·0	83·2	82·5	82·0	81·5	81·5	82·8	85·3	88·2	90·6	92·1	94·1	95·2	95·2	95·2	95·1	87·3
29	94·3	92·5	90·7	88·5	88·3	87·3	86·6	85·7	85·3	84·7	84·1	83·5	82·8	82·4	84·1	85·7	87·6	90·5	93·6	95·4	96·5	95·8	96·0	95·3	89·0
30	93·8	93·0	90·7	89·9	88·2	87·5	87·5	86·3	86·3	85·4	84·5	84·3	84·1	83·7	84·5	86·5	89·5	90·7	92·7	94·8	97·4	97·4	98·4	97·9	89·8
Means	88·2	86·2	84·6	84·1	83·7	83·5	83·2	82·8	82·4	81·8	81·5	81·1	80·7	80·6	81·8	84·1	86·5	88·6	90·0	90·8	91·1	90·9	90·5	89·6	85·4
										*		*													
May 31	96·1	95·2	92·7	90·8	90·1	88·5	88·0	87·3	87·1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
JUNE 1856 1	—	—	—	—	—	—	—	—	—	84·8	84·2	83·6	83·0	82·1	82·6	85·1	88·3	90·3	93·1	94·3	96·4	97·0	96·7	98·4	89·8
2	96·5	94·8	91·6	91·3	90·8	90·6	89·0	88·4	86·8	86·3	85·8	84·9	84·0	82·9	84·5	87·6	89·3	91·1	92·2	93·7	95·7	96·8	96·2	92·3	90·1
3	90·3	87·5	84·8	84·5	82·9	82·3	82·2	82·1	82·5	82·4	82·3	81·7	81·1	80·5	82·8	85·3	86·8	88·3	92·2	92·5	93·8	93·3	93·9	93·9	86·2
4	93·0	90·6	87·7	86·4	85·6	85·5	85·3	83·3	82·8	82·0	81·3	81·4	81·5	81·3	82·1	82·5	84·4	86·5	88·3	89·5	92·1	91·5	89·2	89·3	86·0
5	87·3	85·6	84·7	84·1	83·4	83·2	82·8	82·3	82·3	82·0	81·8	81·3	80·7	80·5	81·5	85·0	88·1	90·9	92·3	94·3	94·0	95·2	95·2	93·8	86·3
6	92·5	92·0	90·0	88·3	87·1	86·3	85·8	85·3	85·8	83·7	81·7	82·4	83·0	83·1	83·3	85·3	87·3	89·3	91·7	93·3	94·9	95·9	95·2	95·1	88·3
7	94·6	87·6	86·3	85·6	85·6	85·5	84·3	83·9	83·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	—	87·4	85·8	84·2	82·5	82·5	83·5	88·4	91·2	93·3	94·3	95·5	95·4	98·2	98·5	98·9	89·0
9	96·0	95·1	88·4	88·3	88·3	89·5	88·8	87·5	86·8	86·0	85·3	84·1	81·8	81·6	85·3	88·6	91·1	93·0	95·2	97·2	98·2	98·2	98·9	99·0	90·6
10	97·2	97·0	90·3	87·3	86·3	87·3	87·3	87·1	86·5	86·0	85·5	85·0	84·5	84·3	84·2	87·1	90·3	91·9	93·4	95·2	95·7	96·5	97·2	95·1	89·9
11	92·8	92·8	88·1	85·8	84·5	85·3	84·6	83·5	82·8	82·8	82·8	82·5	82·1	82·2	83·0	85·0	88·1	91·6	93·5	95·4	96·7	98·2	97·2	97·0	88·3
12	95·6	92·3	91·1	89·7	89·8	89·5	89·3	88·9	87·3	86·3	85·4	84·4	83·3	83·3	84·6	88·2	90·3	92·5	94·1	95·1	97·2	99·0	98·2	98·2	90·6
13	98·2	98·0	95·1	85·4	87·1	85·8	86·3	86·0	86·1	85·3	84·5	83·9	83·3	83·3	84·3	88·6	90·5	92·8	94·2	96·0	97·4	95·2	93·5	91·3	89·7
14	94·1	91·0	86·5	86·5	85·0	84·0	83·3	81·5	81·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	82·5	82·1	81·7	81·2	81·1	83·9	86·8	89·3	91·5	94·1	95·9	97·8	99·2	98·9	98·1	88·2
16	91·8	88·9	87·4	86·1	85·0	83·3	84·3	83·5	82·7	82·1	81·5	81·9	82·3	82·1	84·1	86·3	88·8	91·9	94·1	97·0	98·0	99·1	100·4	100·7	88·5
17	97·7	95·7	89·0	87·6	86·7	86·0	84·3	83·0	82·8	82·1	81·5	81·3	81·1	81·3	81·6	87·4	90·5	92·3	94·5	96·2	97·9	99·4	97·5	94·3	88·8
18	92·9	90·4	87·5	86·2	85·5	84·8	84·9	84·8	84·0	83·2	82·5	82·2	81·9	81·5	84·3	88·3	90·8	92·3	94·4	96·4	99·9	99·2	98·1	94·5	88·8
19	92·3	91·1	88·3	87·1	86·4	85·8	85·3	85·3	83·3	82·9	82·6	82·5	82·3	81·6	82·4	85·3	88·1	89·3	90·5	90·9	91·0	92·2	92·5	92·8	87·2
20	92·7	88·8	86·5	85·9	85·1	84·6	84·3	84·3	83·8	80·8	77·8	78·0	78·2	78·3	78·2	79·3	78·3	79·8	83·3	85·4	86·3	87·3	88·0	88·2	83·5
21	87·8	86·3	84·3	82·9	82·3	82·0	81·5	81·0	80·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	81·0	80·5	80·0	79·5	80·2	81·0	82·0	84·3	87·3	88·5	91·1	91·8	93·6	95·1	94·8	85·0
23	89·3	87·5	85·5	85·3	84·3	84·4	83·7	83·6	83·0	82·9	82·8	82·5	82·2	81·5	82·3	85·3	90·7	90·9	92·6	93·8	96·2	95·4	92·3	92·2	87·1
24	91·2	88·6	85·7	85·4	85·3	84·7	84·2	81·5	82·8	82·4	82·1	81·6	81·1	80·6	83·2	86·5	88·1	90·5	92·5	93·3	95·2	93·1	92·1	90·3	86·8
25	88·2	86·5	85·2	84·5	84·2	84·1	83·3	83·3	83·2	81·3	79·5	78·5	77·5	77·5	78·3	79·1	81·1	83·3	86·4	88·4	90·5	91·5	90·1	88·6	83·9
26	88·4	86·1	83·5	83·3	83·2	83·0	81·9	81·9	81·4	81·3	81·3	80·7	80·1	79·4	81·8	85·1	89·2	90·3	93·3	93·6	94·5	92·3	90·5	91·3	85·7
27	90·1	87·8	86·5	84·7	84·4	83·8	83·3	83·1	82·7	82·5	82·4	82·3	82·1	81·5	83·3	87·1	89·3	91·5	93·7	94·5	96·4	97·4	98·2	94·9	87·6
28	93·5	91·8	88·3	86·5	86·3	85·5	85·2	84·8	84·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	—	84·0	83·5	83·0	82·5	82·5	84·6	87·2	89·7	92·3	94·3	96·7	94·1	93·0	93·3	92·4	88·3
30	92·0	89·3	86·6	85·9	85·4	85·6	84·8	83·8	79·2	79·3	79·5	79·2	78·8	79·1	81·5	85·3	87·5	89·5	92·2	94·3	95·3	95·4	92·8	90·5	86·4
Means	92·8	90·7	87·8	86·4	85·8	85·4	84·9	84·3	83·6	83·2	82·5	82·1	81·6	81·4	82·8	85·7	88·1	90·2	92·3	93·8	95·1	95·5	95·0	94·1	8·77

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

DRY STANDARD THERMOMETER No. 7

(Corrected to the Kew Observatory Standard Thermometer)

	Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
	Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
		o	o	o	o	o	o	o	o	o	* o	o	* o	o	o	o	o	o	o	o	o	o	o	o	o	o
JULY 1856	1	87·6	87·3	86·1	85·2	84·8	84·3	84·3	82·3	82·3	82·1	82·0	81·9	81·8	81·3	80·5	81·3	83·2	85·6	87·3	90·2	91·5	92·5	93·5	93·1	85·5
	2	82·8	82·3	82·3	82·3	80·6	81·3	81·1	81·3	80·8	81·0	81·2	81·0	80·8	80·3	80·8	81·5	85·5	89·3	89·7	89·6	89·5	90·3	90·3	90·3	84·0
	3	89·3	85·5	84·4	84·0	83·8	83·3	83·0	81·2	80·4	79·8	79·3	78·9	78·5	78·5	79·5	81·5	84·2	85·4	87·5	88·8	89·5	89·6	91·5	92·0	84·1
	4	92·3	86·8	84·5	84·1	83·4	83·0	83·3	83·0	81·3	80·2	79·2	78·3	77·3	77·5	77·8	79·0	83·1	85·3	87·5	89·2	90·3	90·4	91·3	88·3	84·0
	5	86·8	86·2	83·7	83·2	82·8	82·1	80·6	80·4	80·1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	6	—	—	—	—	—	—	—	—	—	81·4	80·8	80·2	79·5	79·3	80·5	82·3	86·5	87·5	89·5	89·8	89·9	88·8	87·5	87·4	84·0
	7	87·5	86·3	84·3	83·3	82·7	82·5	79·7	78·6	78·8	78·6	78·4	78·6	78·8	79·1	79·5	81·6	81·8	83·1	86·6	90·8	93·8	92·3	94·4	93·8	84·0
	8	94·8	87·8	84·2	84·4	84·2	83·5	83·3	83·0	82·5	82·3	82·1	81·8	81·5	81·2	82·2	86·1	89·1	91·8	93·3	95·1	97·0	92·8	84·3	82·3	86·3
	9	83·3	84·3	83·1	81·6	80·5	80·3	80·1	80·1	80·0	79·6	79·2	78·9	78·5	78·7	79·3	81·5	84·5	85·8	88·6	91·0	92·3	92·5	90·8	90·3	83·5
	10	90·1	86·3	84·4	84·1	83·1	80·4	79·3	79·3	79·3	79·3	79·3	79·2	79·1	79·2	79·8	83·1	85·4	87·8	89·3	91·5	91·3	91·3	92·3	90·8	84·4
	11	88·3	86·8	85·3	84·3	83·5	82·5	81·8	81·7	81·7	80·7	79·8	79·5	79·1	78·8	80·5	83·3	87·0	90·0	91·2	92·3	92·3	94·3	92·3	91·5	85·4
	12	86·1	85·3	84·5	82·3	81·6	81·2	80·6	80·0	78·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	13	—	—	—	—	—	—	—	—	—	80·5	80·3	80·1	79·8	79·5	81·3	85·3	86·2	88·5	91·6	93·4	94·3	95·3	96·4	96·7	85·4
	14	96·0	92·3	90·1	89·2	88·4	87·5	86·5	85·5	84·3	83·9	83·5	83·1	82·6	82·4	83·3	84·8	86·3	88·8	90·3	91·9	93·1	93·8	94·1	94·3	88·2
	15	93·1	92·4	90·4	86·5	86·3	86·3	85·8	84·8	84·4	83·8	83·3	83·1	82·8	82·6	83·5	84·8	88·6	91·5	92·2	94·2	94·9	95·4	96·7	97·2	88·5
	16	94·8	92·1	88·5	87·3	87·1	85·3	85·5	84·2	81·7	81·5	81·4	81·4	81·3	81·4	83·1	85·3	86·9	89·1	91·5	91·9	94·0	95·5	97·7	97·4	87·7
	17	92·8	90·5	87·5	87·3	85·7	85·5	85·1	85·1	84·3	83·7	83·1	83·1	83·0	82·4	85·9	88·3	89·5	91·5	93·3	95·2	96·4	98·0	95·4	93·9	88·6
	18	92·6	89·6	86·8	86·2	85·5	85·3	84·3	84·3	84·3	83·2	82·1	81·6	81·1	80·8	82·5	87·2	89·8	91·5	93·5	95·4	98·0	98·5	93·2	90·9	87·8
	19	91·1	90·1	86·8	86·3	85·3	84·9	84·5	84·1	82·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20	—	—	—	—	—	—	—	—	—	83·6	83·6	83·6	83·5	83·3	83·5	84·2	85·3	87·4	90·1	91·8	91·8	92·3	91·7	90·6	86·8
	21	89·4	88·3	87·3	87·0	86·9	86·3	86·2	84·6	84·5	84·5	84·5	83·8	83·1	81·4	81·9	83·3	86·1	87·9	89·5	92·5	95·4	95·1	95·4	93·5	87·4
	22	92·5	92·1	91·1	89·5	88·6	87·3	86·2	85·3	85·1	84·8	84·5	82·9	81·3	79·5	82·5	86·3	88·3	91·6	92·8	95·1	95·2	96·7	96·4	97·2	88·9
	23	96·2	94·4	92·4	88·0	86·6	87·1	86·3	86·3	86·1	84·9	83·7	83·0	82·3	81·4	82·9	86·5	89·1	90·2	90·5	93·0	94·7	96·2	96·8	95·5	88·9
	24	94·7	93·7	92·2	87·6	86·5	85·9	85·7	84·5	84·8	84·5	84·3	83·4	82·4	82·1	82·6	84·5	86·1	87·5	89·3	91·3	92·3	92·8	93·3	93·3	87·7
	25	93·1	92·0	87·2	84·0	83 8	83·6	83·4	83·2	82·3	82·4	82·5	82·5	82·5	82 3	83·1	85·1	87·5	89·5	90·2	90·8	93·2	93·9	96·1	95·3	87·1
	26	95·2	93·1	90·3	88·0	85·0	84·7	84·3	84·0	80·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	27	—	—	—	—	—	—	—	—	—	80·6	80 5	80·4	80·3	79·3	81·3	85·2	88·5	90·2	92·1	94·1	96·0	96·7	93·2	89·8	87·2
	28	88·3	86·8	85·5	80·1	78·2	79·1	79·3	78·1	77·9	78·0	78·2	77·9	77·6	77 6	79·1	82·3	83·5	85·3	88·2	89·9	91·1	92·3	89·1	87·9	83·0
	29	85·5	83·3	80·6	82·2	79·6	77·5	78·2	78·3	78·1	78·2	78·3	78·1	77·9	78·1	78·3	79·1	80·5	81·5	83·1	84·2	85·0	86·8	86·5	85·6	81·0
	30	85·5	83·3	82·3	81·5	80·5	75·8	76·3	75·8	76·3	76·3	76·3	76·3	76·3	76·3	77·3	78·3	82·0	84·3	85·6	87·4	87·7	90·1	88·7	89·0	81·2
	31	87·5	86·2	76·7	77·0	77·5	78·2	78·5	78·3	78·3	78·1	78·0	77·7	77·4	77·3	77·8	79·3	82·1	84·5	86·5	88·1	89·3	89·8	89·1	89·1	81·8
	Means	90·3	88·3	86 0	84·7	83·8	83·1	82·7	82·1	81·5	81·4	81·1	80·8	80·4	80·1	81·1	83·4	85·8	87·9	89·7	91·4	92·6	93·1	92·5	91·7	85·6
AUGUST 1856	1	87·3	85·8	84·4	79·0	79·3	78·9	79·1	79·3	79·3	* 79·0	78·8	* 78·6	78·3	77 7	79·3	81·9	83·3	85·5	87·8	88·7	90·5	90·3	91·5	92·4	83·2
	2	91·6	90·3	86·4	84·1	82·9	82·3	80·9	80·6	80·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	3	—	—	—	—	—	—	—	—	—	81·5	80·7	79·9	79·1	78·3	79·3	81·2	83·8	85·3	86·8	88·3	89·5	90·4	91·5	91·5	84·5
	4	91·1	89·3	85·3	83·9	83·3	83·1	82·8	82·3	82·2	81·8	81·5	81·1	80·7	79·3	79·8	82·1	85·1	87·3	89·1	91·6	92·0	92·7	93·2	88·0	85·4
	5	86·1	84·9	83·2	82·6	82·3	82·2	82·3	82·2	81·8	81·3	80·8	80·8	80·8	79·6	80·3	81·3	82·8	84·3	85·8	87·9	89·9	90·5	88·8	88·2	83·8
	6	86·3	85·3	83·3	82·5	82·3	82·0	81·5	81·3	81·3	80·3	79·3	79·3	79·3	78·3	78·3	78·5	80·8	85·1	86·0	87·2	89·3	91·5	89·0	89·1	83·2
	7	89·5	87·8	84·4	83·4	82·7	82·3	82·1	81·7	81·3	80·9	80·5	80·3	80·1	79·3	81·8	83·3	86·2	88·6	91·0	92·2	93·5	93·6	91·7	91·2	85·4
	8	90·0	88·2	85·4	84·4	83·6	83·4	83·1	83·2	83·1	82·3	81·5	81·3	81·1	80·6	82·1	83·6	87·5	90·3	92·8	92·8	90·5	91·3	91·1	90·3	86·0
	9	89·2	87·3	85·0	84·1	83·9	81·3	81·3	81·0	80·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	10	—	—	—	—	—	—	—	—	—	80·5	80·4	80·5	80·6	80·5	81·6	84·8	87·3	89·3	90·8	93·5	93·8	92·5	91·6	91·5	85·5
	11	89·6	87·9	85·4	84·3	84·0	83·3	83·3	83·3	83·4	82·6	81·8	80·5	79·1	78·3	80·1	84·2	87·1	89·5	92·3	94·6	88·3	86·3	89·6	90·6	85·4
	12	90·7	87·5	85·3	84·3	83·3	82·7	82·5	81·7	81·8	81·5	81·3	80·9	80·4	80·0	81·2	84·2	86·4	87·4	89·2	91·4	93·3	91·6	91·7	89·6	85·4
	13	88·5	86·3	83·9	83·5	83·4	83·0	82·4	82·1	81·5	81·2	80·9	80·6	80·3	80·0	80·5	84·1	86·3	87·3	89·4	89·5	91·8	88·3	88·3	89·6	84·7
	14	87·8	85·3	84·0	83·3	82·3	81·3	80·3	79·6	78·7	78·5	78·3	77·8	77·3	77·1	78·2	79·3	81·2	83·5	85·3	88·1	88·9	90·0	89·5	89·5	82·7
	15	88·5	86·1	83·5	83·5	83·1	83·0	81·0	80·4	80·3	79·8	79·3	79·2	79·0	78·5	81·1	84·3	86·3	88·3	89·7	91·3	92·6	93·2	93·5	89·6	84·8
	16	88·5	87·2	85·8	85·3	84·4	84·1	83·3	82·8	82·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	17	—	—	—	—	—	—	—	—	—	77·7	77·6	77·5	77·4	77·6	77·4	77·6	77·6	78·2	80·3	80·9	82·1	82·1	82·5	82·6	81·4
	18	82·5	82·3	81·2	80·4	80·2	80·3	80·2	80·1	79·3	77·2	75·1	75·6	76·1	76·3	76·8	76·7	78·0	80·6	80·5	82·3	83·4	84·3	84·5	84·5	79·9
	19	83·5	82·2	81·3	77·5	77·4	77·5	77·8	77·5	77·2	76·7	76·3	76·3	76·2	76·3	77·1	78·1	79·6	81·3	83·4	86·0	86·3	85·6	85·4	86·1	80·1
	20	85·3	84·1	82·3	79·0	77·9	76·7	76·5	76·7	76·5	76·4	76·3	76·3	76·3	76·5	77·5	79·5	82·8	84·1	86·2	87·3	88·2	88·5	88·1	87·1	81·1
	21	84·9	84·1	81·6	81·3	82·1	82·1	81·5	81·2	80·3	79·5	78·8	78·7	78·6	78·7	79·2	82·5	83·8	86·5	87·8	89·3	89·6	90·4	90·3	90·5	83·5
	22	88·5	85·4	83·8	82·8	82·5	82·2	81·5	80·9	81·1	79·6	78·1	77·5	76·8	77·3	78·3	82·2	83·9	85·6	87·8	88·0	88·3	87·2	87·1	86·3	83·0
	23	86·0	83·5	82·8	81·8	80·3	78·2	77·3	77·3	77·1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	24	—	—	—	—	—	—	—	—	—	78·4	78·3	78·4	78·5	78·3	78·3	79·3	81·3	84·5	85·6	87·2	89·3	89·0	90·5	88·5	82·1
	25	86·5	85·2	84·1	83·5	82·4	82·5	82·3	82·0	80·1	79·7	79·3	77·6	75·8	76·1	77·0	78·8	80·3	82·8	85·1	87·1	88·1	89·2	89·7	87·3	82·6
	26	86·5	84·1	82·5	82·4	82·0	78·6	77·5	77·3	77·0	76·9	76·8	76·9	77·0	77·3	77·5	77·2	78·8	79·4	78·4	78·3	79·6	81·2	83·0	84·2	79·6
	27	85·1	83·6	81·3	80·1	79·2	78·8	78·7	78·2	78·5	78·4	78·3	77·9	77·5	77·4	78·0	80·1	81·4	83·5	85·5	87·3	88·5	88·2	88·3	88·0	81·7
	28	85·8	83·8	83·1	82·4	82·3	82·1	77·5	77·3	76·8	77·2	77·7	77·5	77·3	77·3	77·6	79·3	80·8	81·8	81·4	81·7	83·5	85·0	85·2	84·5	80·8
	29	83·4	82·3	81·0	80·3	79·6	79·3	79·3	78·7	78·5	78·1	77·8	77·6	77·3	76·9	77·5	78·8	81·1	83·3	84·6	84·3	84·7	83·8	83·8	83·0	80·6
	30	82·8	81·8	80·8	79·8	79·5	79·3	78·2	77·7	77·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	31	—	—	—	—	—	—	—	—	—	79·7	79·3	78·9	78·5	78·3	78·5	79·1	80·5	81·4	83·2	84·1	84·3	84·7	84·5	85·0	80·7
	Means	87·1	85·4	83·5	82·3	81·8	81·2	80·5	80·3	79·9	79·5	79·0	78·7	78·4	78·1	79·0	80·8	82·8	84·8	86·4	87·7	88·5	88·5	88·6	88·0	83·0

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

DRY STANDARD THERMOMETER No. 7

(Corrected to the Kew Observatory Standard Thermometer)

	Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
	Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
SEPTEMBER 1856		o	o	o	o	o	o	o	o	o	* o	o	* o	o	o	o	o	o	o	o	o	o	o	o	o	
	1	83·6	82·5	81·5	81·1	80·5	80·3	79·3	79·3	79·2	78.7	78·3	78·1	77·8	77·7	78·5	81·3	84·1	84·5	85·3	86·8	89·4	91·5	92·2	91·3	82.6
	2	90·3	88·8	85·6	84·5	84·1	83·2	82·1	81·5	81·2	80·1	79·0	78·7	78·3	78·0	78·3	81·3	82·5	85·3	86·8	88·5	90·3	91·8	90·6	92·1	84·3
	3	91·5	89·5	86·5	85·5	84·9	84·3	83·5	82·5	81·3	80·7	80·2	80·2	80·1	79·4	79·9	82·5	84·3	86·5	88·1	90·5	90·8	92·3	92·2	92·6	85·4
	4	92·2	89·9	87·7	86·3	85·4	85·0	83·4	81·5	82·5	82·2	82·0	82·0	82·0	80·5	81·5	83·7	86·3	88·1	89·6	91·3	91·7	89·1	89·6	89·2	85·9
	5	88·1	86·3	84·1	83·5	83·5	83·5	83·0	82·8	81·9	82·0	82·1	81·8	81·5	81·0	81·3	84·2	86·9	89·3	89·5	91·0	91·8	91·5	91·7	90·3	85·5
	6	88·3	87·8	85·2	84·7	84·5	84·5	83·5	83·3	82·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	7	—	—	—	—	—	—	—	—	—	81·2	80·6	80·0	79·3	78·8	79·5	82·3	86·1	88·2	90·1	91·2	92·8	90·1	90·5	91·4	85·3
	8	88·3	86·8	86·1	85·3	84·3	84·0	83·5	82·6	82·2	81·1	80·1	79·7	79·3	78·6	79·0	82·3	85·1	87·3	89·3	90·6	91·5	91·6	91·9	91·6	85·1
	9	89·2	87·0	84·4	84·0	84·0	83·3	82·3	81·9	81·1	80·8	80·5	79·9	79·3	78·8	79·9	83·5	85·8	87·5	89.5	91·5	92·6	93·9	93·9	94·1	85·4
	10	93·5	89·7	86·5	85·5	84·7	84·3	83·2	82·3	81·4	81·4	81·5	81·2	80·8	80·4	80·4	82·5	85·1	87·5	89·5	90·4	91·8	93·3	92·5	91·2	85·9
	11	89·5	88·3	86·5	85·4	84·4	82·2	81·8	81·8	83·1	83·0	82·9	82·4	81·9	81·3	81·1	82·5	85·6	87·3	89·3	90·3	90·3	90·5	91·0	91·8	85·6
	12	90·9	88·6	86·5	84·7	84·5	83·5	83·3	82·5	82·2	81·8	81·5	81·4	81·3	81·3	81·5	84·3	86·2	89·3	90·5	91·8	91·3	89·7	90·3	89·7	85·8
	13	88·6	88·0	87·4	86·7	85·7	85·5	85·0	82·8	81·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	14	—	—	—	—	—	—	—	—	—	82·0	81·1	80·2	79·3	78·8	78·4	79·5	82·8	83·3	84·1	86·3	88·5	90·3	88·1	86·4	84·2
	15	84·3	83·3	82·4	81·4	82·5	82·5	82·1	81·7	81·2	80·6	80·1	78·7	77·3	77·8	78·5	77·5	81·7	85·4	86·5	87·4	89·0	88·3	90·3	89·8	82·9
	16	89·5	86·6	84·6	84·0	83·3	82·5	82·2	81·7	81·5	81·0	80·5	80·1	79·6	79·1	79·6	83·2	84·5	86·5	88·3	89·2	90·1	90·5	92·3	89·3	84·6
	17	87·7	85·8	84·0	82·8	82·1	81·5	81·3	81·1	81·0	81·0	81·1	80·6	80·1	79·3	79·6	83·3	86·1	88·1	89·2	90·3	91·8	93·3	93·4	89·1	84·7
	18	88·3	86·3	84·7	84·4	84·2	83·6	83·3	82·6	82·4	81·8	81·3	80·8	80·2	79·5	80·3	83·3	85·5	88·2	89·7	90·5	91·3	92·8	91·3	90·3	85·3
	19	89·5	87·3	85·5	84·5	84·0	83·5	83·3	82·6	81·8	81·0	80·2	80·2	80·2	80·3	81·2	83·2	85·5	89·8	90·4	91·3	90·3	91·0	92·8	91·5	85·5
	20	89·0	86·5	84·5	84·3	83·3	83·1	82·5	82·4	82·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	21	—	—	—	—	—	—	—	—	—	79·6	79·5	79·4	79·3	79·5	80·3	83·5	86·1	87·3	89·2	91·3	91·2	90·5	90·9	90·1	84·8
	22	88·2	85·6	84·4	84·1	83·5	82·8	82·3	81·7	80·8	80·5	80·2	80·3	80·3	79·6	80·1	84·5	87·1	89·2	91·5	93·7	93·1	88·3	83·4	85·5	84·6
	23	86·1	85·6	84·2	83·4	82·7	81·7	81·5	81·1	80·5	80·4	80·4	79·8	79·1	79·2	79·4	80·3	81·2	85·6	89·5	88·5	87·8	87.5	87·3	86·1	83·3
	24	85·3	84·2	82·5	82·2	82·4	82·4	81·9	81·5	81·1	79·9	78·8	78·5	78·1	77·9	77·5	78·5	79·5	82·1	84·4	86·8	87·3	88·6	89·4	88·7	82·5
	25	86·3	84·7	83·0	82·1	81·3	81·2	80·5	79·9	80·3	80·1	80·0	79·1	78·1	77·3	78·5	79·2	81·5	85·3	87·1	88·8	89·4	89·6	88·9	88·2	82·9
	26	85·8	84·3	83·2	83·1	82·4	80·3	77·6	77·3	78·3	78·2	78·1	77·8	77·5	77·2	78·1	80·8	83·1	86·1	87·7	90·3	92·5	88·8	90·5	88·9	82·8
	27	86·1	84·5	81·6	81·2	81·1	80·8	80·6	80·6	80·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	28	—	—	—	—	—	—	—	—	—	77·9	77·7	77·5	77·3	77·3	76·3	76·3	76·5	79·3	81·8	84·5	85·8	87·3	87·6	88·3	81·2
	29	87·5	84·3	82·3	81·3	80·7	80.3	79·5	79·2	78·3	78·3	78·3	77·9	77·5	77·6	79·5	81·5	84·6	86·3	88·2	87·8	88·1	87·3	87·6	87·8	82·6
	30	86·9	84·8	83·3	82·9	82·6	82·3	82·2	82·0	82·2	81·7	81·3	80·9	80·5	77·2	77·7	80·6	82·9	85·1	87·0	89·1	90·3	90·6	88·6	88·1	83·8
	Means	88·3	86·4	84·5	83·8	83·3	82·8	82·1	81·5	81·2	80·7	80·3	79·9	79·5	79·0	79·5	81·8	84·1	86·5	88·2	89·6	90·4	90·4	90·3	89·7	84·3
OCTOBER 1856																										
	1	86·3	85·1	83·7	81·3	82·8	82·3	82·1	82·3	75·5	* 76·3	77·1	* 76·5	75·8	76·0	77·1	78·6	82·7	85·5	87·3	89·1	89·3	89·2	88·4	88·0	82·5
	2	86·8	84·8	83·3	82·2	81·5	82·8	82·1	82·2	81·1	79·9	78·7	78·5	78·3	78·3	78·8	81·5	84·8	86·3	79·5	79·1	83·4	86·3	87·3	86·1	82·2
	3	84·4	79·5	78·3	78·1	78·1	78·1	78·0	77·5	77·3	77·3	77·3	77·0	76·7	77·3	78·6	80·3	83·0	84·8	88·8	89·3	89·2	87·3	87·1	86·9	81·3
	4	85·4	83·3	82·6	81·6	80·7	80·5	79·5	79·2	79·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	5	—	—	—	—	—	—	—	—	—	79·2	79·2	79·1	79·0	78·3	79·7	81·6	83·6	85·8	87·5	88·3	88·8	89·1	88·4	87·2	82·8
	6	86·3	84·8	83·9	83·4	82·6	82·3	80·4	79·8	79·3	79·3	79·3	78·9	78·5	78·3	79·0	82·1	84·8	86·3	86·5	87·7	88·3	88·3	88·3	88·2	83·2
	7	86·8	85·1	83·7	82·4	82·4	81·5	81·0	80·4	80·2	79·9	79·6	79·5	79·4	79·4	79·6	80·4	81·3	82·0	82·5	84·5	86·5	85·1	85·3	85·1	82·2
	8	84·4	83·3	82·3	81·8	81·5	81·2	81·2	80·6	78·3	77·7	77·1	77·2	77·3	76·3	75·8	76·1	75·8	76·3	76·8	77·5	78·3	78·5	79·1	79·2	78·9
	9	78·9	78·3	77·6	77·4	77·1	77·1	76·8	76·5	76·8	76 6	76·5	76·8	77·0	77·3	77·5	76·3	77·3	78·8	79·8	81·3	82·2	82·3	81·3	80·3	78·2
	10	80·1	79·1	78·4	78·5	78·1	77·5	77·1	76·4	76·1	76·0	76·0	75·3	74·5	74·4	75·1	77·3	80·0	82·4	84·9	86·4	88·2	89·1	89·5	89·1	80·0
	11	88·1	85·1	82·3	80·6	80·0	79·9	79·3	79·0	78·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	12	—	—	—	—	—	—	—	—	—	78·5	78·3	77·8	77·2	76·5	77·6	80·5	83·4	85·4	87·7	89·1	89·9	89·7	89·3	88·6	82·6
	13	87·2	85·0	82·5	80·9	79·9	78·3	77·5	76·5	76·3	76·4	76·5	76·0	75·5	75·3	77·5	81·2	83·7	86·3	88·3	88·7	89·2	88·2	88·7	88·0	81·8
	14	86·5	84·4	82·5	81·2	79·7	79·1	78·1	77·9	77·5	76·9	76·3	75·8	75·3	75·3	77·0	80·5	83·3	85·6	87·1	89·3	89·5	89·5	90·1	88·6	82·0
	15	87·1	84·8	82·5	81·5	81·1	79·1	78·3	77·4	78·1	77·6	77·1	76·8	76·4	76·1	77·8	80·6	83 3	85·8	87·5	89·3	91·3	89·3	88·5	87·3	82·3
	16	86·5	84·3	83·1	82·2	80·2	79·7	79·0	78·3	77·7	77·0	76·3	76·2	76·0	75·3	77·6	80·8	83·2	85·4	88·2	88·3	88·5	88·9	88·1	86·6	82·0
	17	85·3	83·3	82·6	82·3	81·5	80·6	79·7	79·5	79·3	79·2	79·1	79·2	79·3	78·9	77·6	79·6	81·3	82·8	83·7	85·8	85·4	84·2	83·2	82·8	81·5
	18	73·9	74·1	74·2	73·8	73·7	73·7	74·4	74·8	75·1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	19	—	—	—	—	—	—	—	—	—	76·3	77·5	77·5	77·5	77·4	78·5	80·5	82·9	84·2	85·4	86·3	86·4	88·3	88·4	85·8	79·2
	20	84·5	83·2	80·7	79·5	78·5	76·6	76·3	76·3	76·3	75·7	75·2	75·1	74·9	74·4	75·7	79·3	82·3	84·8	86·1	87·5	87·6	87·9	85·8	86·3	80·4
	21	85·1	82·5	80·3	80·3	79·3	77·7	77·1	76·6	77·2	76·7	76·3	75·9	75·4	75·3	77·0	80·0	83·1	85·2	86·8	88·1	88 5	89·8	87·7	87·3	81·2
	22	86·0	83·2	81·7	80·3	79·8	79·1	78·9	78·8	78·7	78·0	77·4	76·5	75·5	75·1	76·4	79·2	81·7	85·1	86·1	88·5	88·3	86·8	86·3	84·7	81·3
	23	83·7	82·8	80·4	79·1	78·3	78·3	78·1	76·6	76·4	76·7	77·0	77·1	77·2	76·1	77·4	80·5	83·0	85·4	87·1	88·8	87·9	86·8	87·4	86·3	81·2
	24	84·6	83·9	81·0	79·9	79·3	78·5	78·1	76·8	76·1	76·2	76·3	75·8	75·3	74·3	76·1	80·1	83·3	84·3	86·0	87·3	87·2	87·2	86·5	86·1	80·8
	25	84·5	82·9	81·5	81·2	80·7	80·3	80·1	78·2	75·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	26	—	—	—	—	—	—	—	—	—	74·7	74·0	73·3	72·6	71·8	73·9	78·4	81·5	82·9	84·0	85·4	85·3	85.2	84 6	84·5	79·9
	27	82·3	81·6	80·3	80·0	79·7	78·4	77·3	75·8	75·3	74·6	73·9	73·7	73·4	72·5	73·4	77 8	82·1	83·8	84·7	86·5	86·3	86·1	85·5	84·9	79·6
	28	83·3	81·9	81·1	80·5	80·1	79·0	76·5	76·3	75·3	75·2	75·1	74·3	73·5	73·3	75·2	78·5	81·9	84·0	86·0	87·8	87·8	87·8	87·3	85·1	80·3
	29	84·3	83·1	81·7	81·2	80·3	78·2	77·3	76·8	76·5	76·4	76·3	76·2	76·0	75·0	77·1	80·1	82·8	85·4	87·3	88·9	87·9	88·5	88·4	87·7	81·4
	30	85·5	84·2	82·5	82·2	81·3	80·6	79·3	78·5	76·9	75·7	74·6	74·1	73·5	73·0	75·0	79·2	82·3	85·3	87·7	88·3	87·8	88·3	87·3	86·8	81·2
	31	85·6	83·5	82·3	81·5	81·2	80·5	79·9	78·4	77·3	76·3	75·3	75·3	75·3	75·8	77·5	81·1	82·9	84·6	86·2	87·7	87·4	87·1	86·0	86·3	81·5
	Means	84·6	82·9	81·4	80·6	80·0	79·3	78·6	78·1	77·3	77·0	76·8	76·5	76·2	75·8	77·0	79·7	82·3	84·2	85·5	86·9	87·3	87.2	86·8	86·1	81·2

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

DRY STANDARD THERMOMETER No. 7

(Corrected to the Kew Observatory Standard Thermometer)

	Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
	Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
		o	o	o	o	o	o	o	o	o	* o	o	* o	o	o	o	o	o	o	o	o	o	o	o	o	o
NOVEMBER 1856	1	84·5	82·8	82·2	81·7	81·1	80·5	79·5	78·2	76·9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	2	—	—	—	—	—	—	—	—	—	78·5	80·1	78·8	77·5	76·8	78·0	80·8	81·8	79·5	81·5	82·5	83·4	84·8	84·5	84·4	80·8
	3	82·9	81·4	81·2	81·1	80·7	80·6	80·5	79·7	79·3	79·0	78·8	76·9	75·0	74·9	76·3	79·1	83·5	84 5	85·2	85·3	85·6	85·0	84·3	84·0	81·0
	4	82 6	81·5	80·8	80·5	80·0	79·4	78·9	76·7	75·3	74·8	74·4	73·9	73·4	74·4	75·2	77·5	81·1	83·2	84·7	86·1	84·5	84·4	83·8	83·5	79·6
	5	82·0	80·5	79·6	79·5	79·2	78·5	78·0	77·5	77·3	74·4	71·6	71·4	71·1	70·4	71·6	76·7	80·8	84·2	84·5	84·8	85·0	85·1	84·3	83·6	78·8
	6	82·6	80·3	78·8	77·0	75 8	74·7	74·2	73·0	72·2	71·3	70·4	69·9	69·4	68·7	71·2	75·8	80·1	82·5	83·4	83·3	84·1	83·6	83·5	83·1	77·0
	7	82·3	80·5	79·5	79·4	78·5	77·3	76·3	75·3	73·6	73·3	73·1	73·2	73·2	72·5	73·1	76·7	81·1	82·7	84·5	85·5	86·1	85·3	85·0	84·3	78·8
	8	82·3	81·2	80·5	80·0	79·9	79·3	79·3	77·3	77·1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	9	—	—	—	—	—	—	—	—	—	76·3	75·5	75·0	74·4	74·4	75·5	77·3	79·1	76·7	82·2	81·4	82·8	83·6	83·2	82·6	79·0
	10	81·6	80·6	80·1	79·8	79·5	78·3	78·7	79·3	79·0	78·9	78·9	79·1	79 2	77·1	76·8	80·9	82·3	84·3	84·9	85·2	85·6	83·0	83·3	83·1	80·8
	11	82·1	81·2	80·5	80·4	80·3	79·9	79·7	79·7	79·2	78·7	78·3	78·2	78·0	76·2	76·1	77·1	82·7	83·7	85·1	84·3	82·6	79·6	82·5	82·2	80·3
	12	81·3	78·1	78·1	77·6	77·5	77·3	77·0	77·1	76·2	75·8	75·5	74·9	74·2	73·5	74·0	74·4	74·6	75·3	77·6	79·5	78·8	76·1	75·6	75·5	76·5
	13	75·3	74·6	74·1	73·9	73·4	73·4	73·4	72·9	72·8	72·5	72·2	72·2	72·2	72·4	73·4	75·5	79·0	80·5	82·1	82·3	82·6	82·6	81·3	81·3	76·1
	14	81·1	78·1	77·5	77·5	77·3	75·8	75·3	74·9	75·1	74·7	74·4	74·5	74·5	74·2	73·6	75·1	76·4	78·5	81·2	82·1	82·4	82·2	81·5	81·1	77·5
	15	80·4	78·6	79·5	79·5	79·7	79·6	79·3	79·3	79·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	16	—	—	—	—	—	—	—	—	—	78·1	77·0	77·1	77·2	77·2	76·3	78·1	76·8	75·3	76·4	76·8	77·2	77·3	76·9	77·8	77·9
	17	76·8	75·2	74·5	74·4	74·3	74·3	74·4	74·2	74·6	76·1	77·6	77·9	78·2	78·3	79·2	80·1	81·1	81·5	82·3	81·7	82·0	82·5	81·0	80·5	78·0
	18	80·0	79·4	79·3	79·3	79·0	79·0	78·8	77·7	78·7	77·5	76·3	76·1	75·8	74·4	74·6	75·8	77·5	78·8	79·3	78·6	77·5	76·6	75·5	76·4	77·6
	19	76·4	76·3	76·2	75·1	74·6	74·6	75·2	74·4	75·2	74·9	74·6	75·0	75·3	71·9	70·9	70·6	70·2	71·4	73·8	76·1	76·3	74·5	75·9	75·2	74·4
	20	77·2	73·0	75·1	74·8	74·0	75·1	74·2	74·3	74·2	72·3	70·4	70·1	69·7	70·2	69·8	69·3	69·9	70 8	73·4	74·6	75·4	76·0	76·0	76·0	73·2
	21	75·6	75·2	74·6	74·2	74·3	73·7	73·6	73·0	72·4	72·9	73·4	73·6	73·7	73·2	73·6	76·0	78·3	80·1	81·3	82·3	82·6	82·3	81·8	81·0	76·4
	22	79·6	78·2	77·3	77·5	77·5	77·8	77·2	77·3	77·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	23	—	—	—	—	—	—	—	—	—	76·5	75·5	75·4	75·3	74·9	76·0	79·0	80·4	81·3	81·4	81·5	82·1	82·1	82·3	81·3	78·5
	24	80·0	78·6	77·7	77·2	77·1	76·4	75·3	75·2	74·6	74·5	74·4	74·4	74·4	74·4	75·3	77·3	79·8	80·4	81·4	81·8	82·1	82·0	81·8	81·8	77·8
	25	80·6	79·0	78·3	78·0	77·9	77·3	76·3	75·9	75·3	75·3	75·3	75·3	75·2	74·9	75 3	77·8	79·8	81·1	81·8	82·6	83·4	83·2	83 2	82·1	78·5
	26	80·3	79 2	78·6	78·4	78·4	78 0	77·5	76·7	77·1	76·2	75·4	75·4	75·3	75·4	76·3	78·4	79·3	81·3	80·3	82·9	82·5	82·6	81·9	80·3	78·7
	27	79·2	78·6	78 0	77·6	77·1	76·5	74·2	73·4	72·6	72·0	71·4	71·0	70·6	70 5	71·1	74·0	76·8	78·5	79·8	80·4	80·5	81·0	79·5	79·8	76·0
	28	78·3	76·6	75·5	74·6	74·5	74·0	73·4	72·5	73·2	73·2	73·2	72·7	72·2	71 8	71·8	74·1	76·5	78·3	79·3	79·4	79·7	79·4	79·6	79·0	75·5
	29	78·2	77·6	77·2	77·0	76·4	77·4	77·3	77·1	76·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	30	—	—	—	—	—	—	—	—	—	73·7	71·0	70·7	70·4	70·3	70·5	74·4	78·3	79·6	80·6	80·2	80·5	81·1	80·1	79·9	76·5
	Means	80·1	78·7	78·2	77·8	77·5	77·1	76·7	76·1	75·8	75·3	74·7	74·5	74·2	73·7	74·2	76·5	78·7	79·8	81·1	81·6	81·8	81·4	81·1	80·8	77·8
DECEMBER 1856	1	78·4	77·3	75·6	75·3	76·5	76·3	75·5	75·3	74·6	* 73·3	72·1	* 71·9	71·6	71·4	71·5	75·1	77·6	79·5	80·1	80·3	79·6	80·3	79·3	79·8	76·2
	2	78·5	77·4	76·5	76·5	76·0	74·5	74·2	75·2	74·2	73·6	73·1	72·8	72·4	71·4	71·6	72·4	75·2	78·2	81·1	81·3	80·4	79·9	79·4	79·2	76·0
	3	78·4	77·5	76·6	75·6	75·5	75·1	74·1	73·4	72·5	71·8	71·2	71·1	70·9	70·6	71·2	74·6	77·6	79·3	79·0	80·3	81·1	81·2	80·3	79·4	75·8
	4	78·0	76·3	75·7	75·4	75·3	74·8	74·3	73·5	74·1	75·2	76·4	76·4	76·3	75·3	72 9	72·6	75·2	78·1	80·0	77·8	78·8	78·5	77·8	76·1	76·0
	5	74·1	73·4	72·8	73·1	73·0	72·4	71·9	71·6	71·6	71·4	71·2	71·4	71·6	71·7	72·2	73·9	75·2	78·2	79·5	80·3	80·9	77·1	77·4	74·6	74·2
	6	74·7	72·6	72·7	72·4	72·3	72·3	71·4	70·2	69·9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	7	—	—	—	—	—	—	—	—	—	70·9	72·0	71·7	71·4	70·6	70·4	70·0	69·4	69·1	69·2	68·5	68·2	68·4	70·0	70·3	70·8
	8	71·4	72·5	74·1	73·6	75·6	75·2	75·3	75·5	74·3	74·9	75·5	75·1	74·6	75·1	75·3	69·4	76·9	76·4	78·5	77·3	77·4	77·6	75·5	75·3	75·1
	9	74·9	75·3	74·5	74·5	74·2	75·3	74·0	74·6	74·8	74·0	73·2	73·5	73·8	73·3	72·1	72·9	73·6	75·3	74·3	76·8	78·0	79·5	79·2	78·5	75·0
	10	77·5	76·5	75·1	74·6	74·4	74·1	74·1	74·1	74·2	74·3	74·4	74·4	74·4	74·5	74·6	75·3	76·1	77·3	77·9	78·3	79·5	79·2	79·5	79·4	76·0
	11	77·7	76·8	76·4	76·3	76·1	75·5	73·9	74·6	74·1	74·7	75·3	75·3	75·3	75·3	75·4	77·6	79·3	80·1	80·3	80·6	79·3	79·1	79·8	79·3	77·0
	12	78·3	77·4	77·2	77·5	77·1	76·5	76·3	76 0	75·8	75·5	75·3	75·3	75·3	75·3	75·4	76·3	79·3	80·3	81·1	80·5	78·4	80·0	80·3	79·1	77·5
	13	78·1	76·3	75·3	76·1	76·1	76·0	75·5	75·8	75·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	14	—	—	—	—	—	—	—	—	—	75·5	75·3	75·3	75 2	75·1	73·9	74·6	75·6	76·6	79·5	79·8	80·1	79·3	79·4	78·8	76·6
	15	78·4	76·8	76·2	76·2	76·0	76·0	75·8	75·3	75·0	74·2	73·4	73·3	73·2	73·0	72·7	74·4	76·8	79·4	80·0	79·8	80·2	79·5	79·3	78·5	76·4
	16	77·7	77·1	76·4	76·2	75·6	75·3	75·3	75·1	75·2	74·6	74·1	73·3	72·4	70·6	70·9	75·0	78·1	79·3	79·5	79·6	79·9	79·1	78·8	78·7	76·2
	17	77·5	76·3	75·4	75·4	75·3	74·9	74·1	73·4	71·5	71·2	71·0	71·5	72·0	72·4	70·6	74·2	78·1	78·6	79·2	79·6	79·8	79·3	79·0	78·3	75·4
	18	77·8	76·8	75·5	74·5	73·6	72·7	71·5	71·3	71·1	70·4	69·7	69·3	68·8	68·8	68·9	74·3	77·1	78·1	78·5	79·0	79·2	79·2	79·2	77·6	74·3
	19	77·5	76·6	75·4	75 3	74·8	74·6	73·4	72·4	71·1	70·1	69·1	69·8	70·4	70·6	70·7	73·4	75·3	78·3	79·3	79·8	79·3	79·6	79 0	78·5	74·8
	20	77·6	76·0	74·3	71·8	71·2	71·3	71·4	71·9	71·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	21	—	—	—	—	—	—	—	—	—	72·0	72·7	73·3	73·8	75·1	74·9	76·5	78·2	79·1	79·6	80·0	79·8	79·6	79·1	78·8	75·4
	22	78·1	77·4	76·7	76·5	76·1	75·9	75·5	75·5	75·5	75·1	74·7	74·6	74·4	73·5	71·4	76·4	78·5	79 3	80·3	80·8	80·4	80·6	80·8	79·8	77·0
	23	78·5	77·3	76·5	76·1	75·5	75·5	75·5	75·3	75·2	74·8	74·4	72·8	71·2	70·7	70·4	72·5	75·7	76·4	78·2	78·3	79·1	78·4	78·5	77·7	75·6
	24	76·7	76·7	75·2	74·6	74·9	74·8	74·9	75·4	75·4	75·1	74·8	73·9	73·0	72·4	71·9	72·6	75·4	76 5	77·5	78·3	79·4	79·4	78·5	78·3	75·7
	25	77·0	75·5	74·5	74·1	73·9	73·4	73·1	72 8	72·3	71·7	71·2	71·2	71·2	70·4	70·2	71·4	73·5	74·7	76·5	77 8	78·2	78·8	78·5	78·3	74·2
	26	77·1	75·9	75·3	74·9	75·1	74·4	74·4	75·3	75·3	73·6	71·9	71·2	70·5	69·7	70·9	72·7	75·6	77·2	78·1	79·3	80·6	80·8	80·4	79·5	75·4
	27	78·6	76·3	75·3	74·7	74·8	74·6	74·5	74·6	72·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	28	—	—	—	—	—	—	—	—	—	71·6	70·5	70·0	69·5	69·4	69·4	71·9	75·0	77·4	78·3	79·3	79·8	79·3	79·5	78·6	74·8
	29	77·3	76·2	75·0	74·8	74·6	74 2	74·1	73·9	73·6	72·5	71·4	71·3	71·2	70·4	70·0	72·2	74·8	76·8	78·7	80·3	80·1	80·9	80·2	79·3	75·2
	30	77·9	76·6	75·9	76·1	76·2	75·7	75·7	75·8	75·5	75·0	74·6	74·0	73·4	72·9	72·6	74·2	76·4	78 8	79·3	81·3	80·6	81·1	81·1	79·5	76·7
	31	79·1	77·8	77·1	76·7	76·4	76·4	76·4	75·7	76·0	76·0	76·0	75·8	75·5	75·3	75·5	76·9	78·6	79·5	80·3	80·6	81·1	80·2	79·8	79·5	77·6
	Means	77·3	76·2	75·5	75·1	75·0	74·7	74·3	74·2	73·8	73·4	73·1	72·9	72·7	72·4	72·1	73·8	76·2	77·7	78·7	79·1	79·2	79·1	78·9	78·2	75·6

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

WET THERMOMETER, STANDARD No. 8

(Corrected to the Kew Observatory Standard Thermometer)

	Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
	Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
JANUARY 1856		o	o	o	o	o	o	o	o	o	* o	o	* o	o	o	o	o	o	o	o	o	o	o	o	o	o
	1	72·7	72·5	72·3	72·3	72·2	71·7	71·7	72·1	72·2	72·0	71·8	71·6	71·3	70·8	70·9	72·3	73·7	73·9	73·7	73·2	73·4	73·2	72·5	72·8	72·4
	2	72·7	71·9	70·5	70·4	70·1	69·5	68·5	67·1	68·5	67·9	67·4	67·3	67·2	66·6	66·6	69·4	72·5	73·4	72·9	71·3	70·8	72·6	72·2	72·1	70·0
	3	71·5	70·6	70·4	69·3	68·8	68·3	68·3	68·3	67·8	67·5	67·3	67·0	66·6	65·7	65·3	68·9	71·3	72·5	70·5	70·8	71·4	71·5	71·3	71·0	69·2
	4	70·0	70·0	69·4	68·5	68·4	68·2	67·4	67·1	67·1	66·2	65·4	64·9	64·4	64·1	64·1	68·2	71·3	72·1	71·3	71·5	71·1	71·1	71·5	71·8	68·5
	5	71·5	70·8	69·2	69·0	68·2	68·1	67·3	67·3	67·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	6	—	—	—	—	—	—	—	—	—	66·1	64·9	64·7	64·4	63·7	64·1	67·3	70·3	72·3	71·3	70·9	71·4	71·1	71·4	72·2	68·5
	7	71·3	70·7	70·4	68·9	68·5	67·9	67·6	67·3	67·1	66·7	66·4	65·9	65·4	65·1	64·9	68·3	71·9	73·2	71·4	71·5	72·3	72·0	72·1	72·5	69·1
	8	72·6	72·0	70·4	70·3	69·2	68·8	68·2	68·1	68·3	68·0	67·8	67·1	66·4	66·1	66·4	70·0	73·0	73·1	72·8	73·7	73·1	73·5	72·8	73·4	70·2
	9	72·8	72·8	72·4	71·3	70·9	70·5	70·2	69·3	69·3	69·2	69·1	68·8	68·4	67·8	68·3	69·9	73·2	74·2	72·3	70·9	71·9	72·5	72·3	72·3	70·9
	10	71·8	71·1	71·3	70·9	68·8	69·2	68·9	68·6	68·3	67·7	67·1	67·1	67·0	65·6	65·4	70·0	72·8	73·2	72·7	73·7	73·1	73·2	73·1	71·8	70·1
	11	71·8	72·0	71·3	70·7	70·8	70·4	70·2	70·2	69·5	69·1	68·8	68·8	68·8	68·1	67·8	70·1	72·7	73·7	72·3	72·5	73·2	71·3	72·0	72·3	70·8
	12	71·9	71·3	70·9	70·6	70·8	70·9	70·5	70·3	69·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	13	—	—	—	—	—	—	—	—	—	69·2	69·1	68·2	67·3	66·6	67·1	69·0	71·5	72·3	72·3	73·1	73·2	74·2	73·1	72·0	70·6
	14	71·0	71·3	69·2	69·6	68·9	69·5	68·9	68·3	70·0	69·6	69·3	68·3	67·3	67·1	67·1	68·8	70·8	72·7	70·8	71·6	71·8	72·3	72·0	71·3	69·9
	15	70·3	70·0	70·3	70·2	69·6	69·6	70·2	69·7	68·7	68·5	68·3	67·8	67·3	66·4	67·2	69·3	73·1	71·3	71·5	71·7	73·1	72·8	72·5	72·8	70·1
	16	72·3	71·3	71·4	71·4	71·2	70·8	69·9	69·5	69·5	69·3	69·2	68·8	68·3	67·3	67·3	68·3	71·3	73·8	72·8	74·2	73·7	73·3	74·0	73·5	70·9
	17	74·2	73·0	71·4	71·2	70·2	70·0	69·4	69·1	68·3	67·8	67·3	67·1	66·9	66·4	67·1	70·3	71·8	73·2	72·5	73·0	73·4	73·1	72·3	72·8	70·5
	18	73·2	72·8	72·3	71·4	71·0	71·1	70·6	69·4	68·3	68·0	67·8	67·1	66·4	65·2	66·4	70·1	72·3	73·4	72·9	72·2	72·4	72·6	73·2	73·2	70·6
	19	73·1	71·9	71·3	71·2	71·0	70·1	69·5	69·5	69·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20	—	—	—	—	—	—	—	—	—	70·5	71·3	71·2	71·1	71·1	70·3	71·1	72·2	73·1	73·2	72·9	73·4	73·5	73·2	72·8	71·6
	21	71·9	71·3	71·1	71·4	71·5	72·0	72·1	72·1	71·5	71·3	71·2	71·3	71·3	70·6	70·3	71·3	73·2	72·8	73·4	73·7	73·7	73·6	73·2	73·1	72·0
	22	73·1	72·0	71·6	70·9	70·4	69·4	69·0	69·0	68·5	68·0	67·6	68·0	68·3	67·5	67·3	70·8	72·3	74·0	74·2	73·2	73·3	74·2	73·4	73·1	70·8
	23	72·3	72·3	72·3	71·3	70·0	70·0	69·3	68·3	69·0	68·4	67·8	67·6	67·3	66·0	66·4	70·1	72·8	73·2	73·1	72·3	73·0	73·2	73·1	73·0	70·5
	24	72·1	71·8	70·2	69·3	69·1	68·1	67·5	67·4	66·9	66·6	66·4	65·9	65·4	65·4	65·9	67·3	72·3	72·5	72·3	72·3	72·8	72·1	72·7	72·5	69·4
	25	73·1	72·3	71·6	71·5	71·3	70·3	69·3	68·4	68·3	67·9	67·5	67·0	66·5	66·4	66·2	69·6	73·1	72·3	72·0	72·3	72·8	72·6	71·8	72·1	70·3
	26	72·4	71·3	69·9	69·8	69·2	68·3	67·8	67·6	67·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	27	—	—	—	—	—	—	—	—	—	67·4	67·5	67·0	66·4	66·5	65·9	67·5	70·3	72·3	72·3	72·1	72·1	72·5	72·8	72·8	69·5
	28	72·5	71·5	71·2	71·0	70·9	70·5	71·4	71·0	70·5	70·5	70·6	69·2	67·8	68·0	68·1	69·2	72·8	75·0	74·2	74·9	75·0	75·1	74·7	74·6	71·7
	29	73·8	73·1	72·4	72·2	72·2	72·2	72·0	72·0	72·1	71·5	71·0	70·9	70·8	70·3	69·5	72·0	73·2	73·8	74·0	74·2	75·0	74·4	73·7	73·9	72·5
	30	73·1	72·3	71·3	71·3	71·2	73·3	73·4	73·4	71·8	71·4	71·1	70·8	70·4	70·6	69·3	72·3	75·0	75·2	75·2	76·9	76·7	76·4	75·2	76·2	73·1
	31	75·7	75·2	75·2	74·2	74·5	74·5	74·5	74·2	73·9	73·9	74·0	73·6	73·2	72·8	72·3	74·7	76·0	76·2	77·2	77·0	77·1	77·2	76·7	77·0	75·0
	Means	72·4	71·8	71·2	70·7	70·3	70·1	69·8	69·4	69·2	68·9	68·6	68·3	67·8	67·3	67·3	69·9	72·5	73·3	72·8	72·9	73·1	73·2	72·9	72·9	70·7
FEBRUARY 1856											*		*													
	1	75·7	74·9	74·4	74·2	73·9	74·9	74·5	74·3	74·4	73·7	73·0	72·8	72·5	71·7	70·5	73·5	76·2	76·2	76·0	76·7	77·2	78·0	76·9	77·4	74·7
	2	77·9	77·2	75·7	74·9	74·2	74·4	74·6	74·6	74·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	3	—	—	—	—	—	—	—	—	—	74·4	74·2	73·6	73·0	73·1	73·2	74·0	76·4	76·0	76·7	77·4	76·7	77·2	77·1	77·4	75·4
	4	76·9	75·4	75·1	75·4	74·9	74·6	74·3	74·2	74·2	73·5	72·8	72·6	72·3	72·3	72·7	75·2	75·4	77·7	77·3	78·2	78·4	77·9	78·2	79·0	75·4
	5	78·7	77·9	76·1	75·1	75·1	74·7	74·5	74·5	74·2	74·1	74·0	73·2	72·3	73·1	72·8	75·5	75·0	75·9	75·9	76·1	76·4	77·2	75·2	75·2	75·1
	6	75·4	75·0	74·5	74·4	74·3	73·7	73·7	73·7	73·9	73·5	73·2	72·8	72·3	71·1	72·0	72·5	75·9	75·7	76·0	76·2	75·7	76·7	75·9	75·6	74·3
	7	75·6	75·4	74·9	74·4	74·4	74·0	74·1	74·0	73·6	73·9	74·2	73·4	72·6	72·4	72·9	75·0	75·2	76·0	76·4	76·7	76·8	77·2	76·5	76·2	74·8
	8	76·3	75·6	74·3	74·2	73·9	73·7	73·3	73·2	73·2	73·2	73·2	73·0	72·8	73·2	73·1	73·2	75·0	75·8	76·1	78·1	75·2	77·4	75·6	77·7	74·6
	9	76·2	75·5	75·0	74·8	74·4	73·9	73·2	73·1	73·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	10	—	—	—	—	—	—	—	—	—	72·4	71·6	71·5	71·4	71·1	71·7	74·3	75·4	77·2	76·5	77·4	77·5	78·1	76·9	77·1	74·6
	11	76.7	76·2	76·0	74·9	74·7	74·7	74·7	74·0	73·4	72·8	72·3	71·5	70·7	70·1	71·0	73·2	75·4	75·9	77·2	78·0	78·2	79·0	77·0	78·2	74·8
	12	75·4	76·2	75·2	75·4	75·2	76·0	75·4	74·7	74·7	73·0	71·3	70·9	70·5	70·3	71·1	73·4	75·3	76·7	76·8	79·7	79·2	77·4	78·6	79·4	75·1
	13	77·2	77·2	76·3	75·2	74·6	75·0	74·2	73·5	72·7	72·4	72·1	71·5	70·8	68·9	69·1	73·2	75·0	73·9	74·4	75·7	78·6	76·1	76·3	76·8	74·2
	14	75·0	74·2	74·0	73·2	72·8	72·2	70·0	70·7	70·3	69·7	69·1	68·6	68·1	66·9	67·1	70·9	72·8	73·1	72·6	75·3	75·8	76·2	72·2	73·4	71·8
	15	74·2	74·2	74·0	73·0	72·6	71·8	71·3	70·3	69·3	68·4	67·5	67·2	66·8	66·4	66·4	70·1	71·6	73·7	74·3	75·4	75·3	77·0	76·2	75·0	71·8
	16	76·6	72·9	72·8	72·1	72·1	70·1	69·5	68·6	68·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	17	—	—	—	—	—	—	—	—	—	68·3	68·4	68·0	67·5	67·4	67·2	70·7	73·1	73·4	74·0	75·2	76·0	76·4	76·0	76·3	71·7
	18	76·0	74·6	74·4	73·9	73·5	73·9	73·4	73·2	73·2	73·2	73·2	71·4	69·5	69·4	70·3	72·3	73·0	74·2	76·4	77·7	76·1	76·0	76·2	76·2	73·8
	19	76·2	76·0	75·1	75·4	75·5	75·7	75·2	74·2	73·6	72·8	72·1	71·7	71·3	70·8	72·0	73·2	76·2	77·0	74·9	75·9	76·6	76·2	76·7	76·2	74·6
	20	74·8	74·2	74·2	74·0	73·2	74·1	74·0	73·8	73·7	72·4	71·2	70·3	69·3	68·6	68·9	72·3	72·8	74·7	76·4	73·9	74·4	75·2	74·4	73·8	73·1
	21	73·8	73·4	72·5	72·8	72·6	71·9	70·2	69·5	69·3	68·3	67·3	67·0	66·6	65·4	66·2	70·0	72·3	72·1	72·9	73·5	73·5	74·0	77·3	73·4	71·1
	22	73·4	72·5	72·3	71·3	70·1	69·2	68·7	68·3	68·1	67·6	67·2	66·4	65·6	65·4	65·5	70·0	72·3	72·7	72·2	73·9	73·7	73·5	72·9	73·2	70·3
	23	72·5	72·5	71·5	72·1	72·3	71·2	70·2	70·3	69·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	24	—	—	—	—	—	—	—	—	—	68·5	67·5	67·5	67·4	66·6	66·4	70·1	72·8	73·3	73·7	74·4	75·0	74·6	75·3	76·1	71·3
	25	75·7	74·8	73·8	73·6	73·6	74·2	74·6	72·2	72·1	72·2	72·3	73·1	73·9	74·3	74·9	75·9	75·8	77·0	76·7	77·8	77·8	77·3	77·3	77·4	74·9
	26	77·0	76·2	75·8	75·1	74·7	75·2	75·2	74·2	74·2	73·5	72·8	72·8	72·7	72·1	72·3	75·0	75·9	77·2	77·0	77·2	77·8	77·2	77·3	76·9	75·2
	27	76·2	76·0	75·4	75·2	75·1	75·4	75·4	75·2	75·2	73·6	72·1	72·1	72·0	71·9	73·2	74·2	75·7	76·2	76·2	78·1	78·9	78·1	77·8	77·8	75·3
	28	77·2	76·5	75·9	75·4	74·9	74·6	74·9	75·2	73·0	72·6	72·3	71·8	71·2	70·3	71·0	73·2	74·7	75·0	75·1	75·6	74·9	76·0	75·5	75·5	74·3
	29	74·7	74·2	73·8	73·2	73·2	74·1	73·7	74·2	74·2	73·1	72·1	71·0	69·8	70·0	70·3	73·7	73·2	73·2	73·4	74·0	74·3	75·0	75·6	75·4	73·3
	Means	75·8	75·1	74·5	74·1	73·8	73·7	73·3	72·9	72·6	72·0	71·5	71·0	70·5	70·1	70·5	73·0	74·5	75·2	75·4	76·3	76·4	76·6	76·2	76·3	73·8

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

WET THERMOMETER, STANDARD No. 8

(Corrected to the Kew Observatory Standard Thermometer)

	Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
	Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
		o	o	o	o	o	o	o	o	o	* o	o	* o	o	o	o	o	o	o	o	o	o	o	o	o	o
MARCH 1856	1	75·5	75·2	74·1	73·7	73·3	73·5	73·1	73·9	72·6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	2	—	—	—	—	—	—	—	—	—	73·2	73·8	73·6	73·4	72·0	71·9	73·0	74·7	77·2	78·2	77·7	77·9	77·8	78·0	77·4	74·8
	3	77·4	76·6	76·1	75·7	75·7	75·1	74·8	74·7	73·7	72·7	71·8	71·9	71·9	71·2	71·4	73·7	75·2	75·2	75·2	75·0	75·4	75·2	75·3	74·7	74·4
	4	75·1	74·2	74·4	74·2	73·9	72·5	72·0	71·3	70·4	69·7	69·1	69·1	69·1	68·2	68·8	71·3	73·7	74·2	74·7	75·2	75·4	75·0	75·4	75·2	72·6
	5	75·4	73·6	73·3	73·2	73·4	72·8	72·5	71·1	70·4	70·3	70·3	69·5	68·7	68·7	68·5	71·4	73·2	74·2	74·2	74·7	74·0	73·7	74·7	74·4	72·3
	6	74·1	73·7	73·1	73·2	73·1	72·5	72·3	71·3	70·9	69·8	68·8	68·8	68·7	69·1	68·3	71·3	73·2	73·2	73·4	73·9	74·0	73·7	74·3	72·6	72·0
	7	73·1	72·9	72·6	72·1	71·4	70·4	70·6	69·3	68·6	68·3	68·0	67·8	67·5	67·1	67·0	70·1	72·3	72·8	74·2	74·3	74·9	75·2	74·4	73·7	71·2
	8	73·5	72·5	72·4	72·0	71·1	70·1	69·4	68·6	68·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	9	—	—	—	—	—	—	—	—	—	70·3	72·3	71·6	70·9	70·5	71·1	74·4	76·7	76·4	76·6	76·2	77·0	76·5	75·7	76·4	72·9
	10	76·2	75·3	75·0	74·6	74·6	74·7	74·4	74·4	73·7	72·9	72·1	72·2	72·3	71·5	71·7	74·5	78·0	78·0	79·2	79·9	79·5	79·7	79·4	79·2	75·5
	11	79·1	78·2	77·6	77·5	77·4	77·3	77·3	77·2	77·0	76·2	75·4	74·7	74·0	74·2	75·1	77·4	78·2	78·4	79·8	79·7	80·0	79·2	80·0	78·7	77·5
	12	78·2	78·0	77·2	77·0	77·0	77·1	76·9	76·7	75·4	75·0	74·7	74·4	74·0	73·7	73·4	76·4	77·6	78·2	78·2	79·0	78·5	78·7	78·0	78·3	76·7
	13	77·7	77·4	77·2	76·4	75·9	76·0	75·7	76·0	76·0	75·6	75·2	74·8	74·4	73·8	73·4	75·5	78·0	78·5	78·9	79·0	78·4	79·4	79·1	77·9	76·7
	14	77·7	77·2	75·9	74·9	75·3	75·2	75·2	74·4	73·9	73·1	72·3	72·2	72·0	71·5	71·9	73·8	77·2	78·0	79·0	78·0	78·4	79·1	79·0	78·3	75·6
	15	78·2	77·1	76·4	75·6	76·3	76·2	76·1	76·2	76·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	16	—	—	—	—	—	—	—	—	—	75·3	74·6	74·1	73·6	73·2	74·0	76·2	78·0	78·2	79·0	79·7	78·0	78·9	78·0	78·5	76·6
	17	78·8	77·7	77·3	76·7	76·2	76·0	75·6	76·1	76·2	75·7	75·2	74·7	74·2	73·4	74·0	76·2	78·2	78·2	78·4	78·2	78·7	79·1	78·5	78·2	76·7
	18	78·2	77·3	76·4	76·4	76·4	76·4	76·4	76·4	76·2	75·7	75·2	75·1	74·9	74·2	75·0	77·0	78·6	78·7	78·7	79·5	78·1	79·2	78·6	79·1	77·0
	19	77·4	77·3	76·2	76·2	75·9	75·9	75·4	76·7	76·2	75·6	75·0	74·6	74·2	74·2	75·0	76·9	77·0	76·6	76·8	79·3	79·0	79·3	80·2	79·5	76·7
	20	79·2	79·1	78·4	78·3	78·4	78·4	78·4	78·4	78·2	78·2	78·2	77·3	76·4	74·2	75·2	77·2	76·9	77·0	77·1	79·6	80·0	80·2	80·4	80·9	78·2
	21	80·4	80·1	79·1	78·9	78·6	78·5	78·5	78·4	78·5	77·7	77·0	77·0	76·9	76·1	76·7	79·0	80·3	80·8	81·2	81·4	81·3	81·4	81·4	80·7	79·2
	22	80·2	80·0	78·9	78·2	78·2	78·2	77·4	77·3	77·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	23	—	—	—	—	—	—	—	—	—	76·9	76·6	76·4	76·2	76·3	76·4	78·1	78·2	78·5	78·2	80·2	79·2	78·9	79·7	79·2	78·1
	24	79·1	78·8	78·7	78·2	78·0	78·0	78·2	77·9	77·2	76·2	75·2	74·7	74·2	72·8	74·2	76·2	77·2	77·4	76·7	76·2	78·0	79·2	75·2	75·4	76·8
	25	76·0	76·7	76·0	76·4	76·2	76·0	75·7	75·2	75·0	74·1	73·2	72·5	71·7	71·3	74·2	76·0	76·3	77·6	78·0	77·4	78·5	77·2	77·7	77·4	75·7
	26	76·5	76·1	75·4	75·4	75·0	75·2	75·2	75·0	73·3	72·8	72·4	72·0	71·5	71·5	72·3	75·0	75·2	76·3	76·8	77·4	77·3	77·5	77·7	76·7	75·0
	27	76·2	75·7	74·6	74·5	75·2	74·8	74·6	74·0	73·7	72·7	71·8	71·3	70·8	71·3	71·6	74·2	74·7	75·7	74·8	76·4	76·2	76·4	76·8	77·5	74·4
	28	78·0	75·8	75·2	74·9	75·2	74·4	74·7	74·2	73·6	73·4	73·2	72·8	72·3	72·5	73·2	75·2	77·2	78·6	79·2	80·2	80·0	80·7	80·4	81·2	76·1
	29	80·0	79·4	79·2	78·1	77·5	77·4	77·0	76·2	75·9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	30	—	—	—	—	—	—	—	—	—	75·7	75·6	75·4	75·2	74·4	76·4	78·0	79·2	80·8	82·2	80·2	80·4	81·0	81·2	79·9	78·2
	31	79·0	78·7	78·2	78·1	77·8	78·2	78·2	78·0	77·6	77·4	77·2	76·7	76·2	75·7	76·0	78·0	78·2	79·2	79·4	80·2	80·1	79·7	79·4	80·4	78·2
	Means	77·3	76·7	76·1	75·8	75·7	75·4	75·2	75·0	74·5	74·0	73·6	73·3	72·9	72·4	72·9	75·2	76·7	77·2	77·6	78·0	78·0	78·1	78·0	77·7	75·7
APRIL 1856	1	79·3	79·0	79·0	78·9	78·0	78·4	78·4	77·3	78·4	* 78·3	78·3	* 78·5	78·7	78·3	79·3	80·0	80·7	81·0	81·2	81·0	80·8	81·2	81·2	80·5	79·4
	2	80·2	80·0	78·3	77·7	77·5	78·0	78·0	77·6	78·2	78·0	77·8	76·8	75·7	76·0	77·8	78·7	78·7	79·3	80·9	81·4	81·1	80·2	79·2	80·2	78·6
	3	80·7	79·7	79·1	79·1	78·9	79·3	79·0	79·0	79·1	78·7	78·4	78·5	78·5	77·7	78·2	78·2	78·2	79·0	79·7	80·7	81·9	82·1	80·2	80·2	79·3
	4	80·2	79·9	79·4	79·4	79·9	79·7	79·2	78·6	78·4	78·3	78·2	77·7	77·2	76·4	78·2	79·1	79·2	80·3	82·0	81·7	80·8	81·4	81·2	80·8	79·5
	5	80·7	80·2	79·0	78·7	78·2	78·2	78·1	77·5	77·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	6	—	—	—	—	—	—	—	—	—	77·8	77·7	77·6	77·5	77·0	77·1	77·9	78·2	79·0	79·4	79·4	81·1	81·2	82·1	82·1	78·9
	7	82·1	81·2	80·9	80·1	79·6	79·6	80·1	79·9	78·7	78·3	78·0	77·6	77·2	76·3	77·4	78·2	79·3	80·6	81·7	82·1	82·1	81·7	82·1	81·4	79·8
	8	81·2	81·2	80·9	80·9	80·7	80·1	79·8	79·5	79·3	79·2	79·2	78·9	78·5	78·7	79·4	80·7	81·6	80·9	82·6	82·3	82·1	82·1	82·3	82·5	80·6
	9	82·1	81·7	80·9	80·8	80·4	80·1	79·9	79·2	79·4	79·6	79·9	79·8	79·6	78·6	79·7	80·3	80·0	80·5	80·5	81·3	82·1	81·7	82·1	81·8	80·5
	10	81·8	81·2	80·7	80·1	79·4	79·2	79·2	78·9	78·4	77·8	77·2	76·8	76·4	76·0	77·0	80·0	79·6	80·4	80·9	81·7	81·9	82·1	82·1	81·2	79·6
	11	80·7	80·5	79·9	79·6	79·9	79·4	79·2	78·9	79·2	78·7	78·2	77·7	77·2	77·4	78·2	80·2	81·2	81·8	82·1	82·7	81·8	81·2	81·5	81·7	80·0
	12	81·1	80·7	80·2	80·0	79·8	79·8	79·4	79·2	79·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	13	—	—	—	—	—	—	—	—	—	79·8	79·3	78·8	78·2	78·2	78·7	79·2	80·2	81·1	82·4	82·6	82·1	82·1	82·0	81·0	80·2
	14	80·8	80·7	81·2	81·2	80·7	80·2	80·7	79·9	80·9	77·8	74·7	74·8	74·9	75·5	75·2	76·2	76·4	75·6	78·2	80·9	78·7	78·2	78·2	77·9	78·3
	15	79·4	79·2	78·5	78·4	79·0	79·1	79·1	78·9	79·0	78·8	78·7	78·4	78·0	77·1	78·4	78·2	77·2	77·2	77·2	78·6	79·2	78·2	79·3	79·7	78·5
	16	80·2	80·7	80·4	80·4	80·2	80·9	81·0	80·9	80·2	79·3	78·4	78·1	77·8	77·0	79·3	79·4	79·6	80·2	82·2	80·6	79·2	80·2	80·7	81·2	79·9
	17	80·2	80·0	79·0	78·8	78·8	78·9	78·6	77·6	75·7	74·9	74·2	74·6	74·9	74·4	77·3	78·7	78·8	79·2	78·4	79·2	79·2	79·6	80·2	80·7	78·0
	18	80·0	78·4	77·4	77·2	77·1	77·0	75·7	75·6	75·2	74·8	74·4	73·9	73·4	73·4	75·2	77·0	77·7	78·9	79·9	80·7	80·2	79·2	80·0	80·2	77·2
	19	79·4	79·5	78·2	79·2	78·1	77·9	77·9	76·2	76·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20	—	—	—	—	—	—	—	—	—	77·0	77·2	77·3	77·4	77·0	77·4	79·0	80·0	81·2	81·2	81·4	82·1	82·0	80·4	80·0	78·9
	21	80·2	81·3	80·2	80·2	80·1	80·2	79·4	80·0	80·0	79·5	79·0	78·8	78·6	78·4	79·7	79·7	80·4	80·9	80·9	81·6	82·1	81·7	81·0	81·2	80·2
	22	80·6	81·0	80·1	80·0	80·4	79·9	79·7	79·9	79·7	79·5	79·4	79·2	79·0	78·7	79·2	80·2	79·5	80·1	80·7	81·4	81·5	81·3	81·5	81·2	80·2
	23	82·0	81·2	80·5	80·9	80·1	80·1	79·4	79·4	79·4	79·8	80·2	79·4	78·5	78·0	78·4	80·4	80·2	80·4	80·2	80·6	79·9	79·2	80·2	79·2	79·9
	24	79·9	80·4	80·8	81·0	81·0	80·7	80·4	80·3	80·2	80·0	79·8	79·2	78·6	78·7	79·3	79·4	79·2	80·4	81·2	82·0	82·0	82·1	82·3	82·3	80·5
	25	82·8	82·1	82·1	82·1	82·0	81·4	81·4	81·4	80·9	80·8	80·7	80·6	80·4	80·4	81·2	81·7	82·2	81·2	82·6	83·1	83·3	83·1	82·1	78·0	81·6
	26	75·7	76·2	75·8	75·7	75·5	78·4	78·4	78·9	78·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	27	—	—	—	—	—	—	—	—	—	80·4	79·8	79·2	78·6	78·7	79·4	80·0	79·2	80·2	79·9	81·0	81·2	81·7	82·0	81·2	79·0
	28	75·4	74·6	75·0	74·8	74·2	74·4	74·4	74·6	74·2	73·8	73·4	73·5	73·5	74·2	74·7	75·3	77·2	77·7	78·6	80·0	80·4	80·4	79·4	78·6	75·9
	29	79·0	78·2	78·9	79·1	79·1	79·0	78·8	78·4	77·9	78·0	78·2	75·4	72·5	72·8	74·1	74·6	76·2	77·2	76·2	79·2	80·0	80·2	80·6	81·2	77·7
	30	81·2	81·7	80·9	80·9	80·9	80·7	80·2	78·4	78·2	76·6	75·1	75·2	75·2	75·2	76·7	78·0	79·2	78·9	78·7	78·7	81·6	80·9	81·0	81·2	79·0
	Means	80·3	80·0	79·5	79·4	79·2	79·3	79·1	78·7	78·6	78·3	77·9	77·6	77·2	76·9	77·9	78·9	79·2	79·7	80·4	81·0	81·1	81·0	81·0	80·7	79·3

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

WET THERMOMETER, STANDARD No. 8

(Corrected to the Kew Observatory Standard Thermometer)

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	o	o	o	o	o	o	o	o	o	* o	o	* o	o	o	o	o	o	o	o	o	o	o	o	o	o
1	81·2	81·2	80·5	81·3	81·4	81·1	80·2	79·6	79·2	79·2	79·2	79·2	79·1	79·2	72·3	71·5	73·0	71·4	76·8	79·4	78·4	77·4	78·2	77·8	78·2
2	78·4	78·2	79·0	78·4	79·4	79·4	78·2	78·2	77·2	75·8	74·4	74·6	74·8	75·0	76·2	77·9	79·3	79·8	79·7	79·5	81·4	80·5	81·0	81·4	78·2
3	81·9	81·1	80·5	80·0	79·1	79·2	78·9	79·2	79·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	78·7	78·4	78·2	77·9	78·4	78·9	80·3	81·9	82·3	82·4	81·0	81·4	81·1	81·4	81·6	80·1
5	80·1	80·6	80·7	80·5	80·5	80·5	80·2	80·3	80·0	79·8	79·7	79·4	79·0	78·0	79·6	80·2	81·9	82·1	82·1	83·1	82·1	82·3	82·4	80·9	80·7
6	80·8	81·2	81·1	81·1	80·2	80·6	80·2	79·6	79·0	78·6	78·2	77·9	77·5	77·4	77·2	78·2	79·4	79·7	81·0	81·7	80·6	80·6	80·2	80·4	79·7
7	79·8	80·2	79·9	79·7	80·0	81·5	80·8	80·3	80·2	78·9	77·7	77·5	77·2	76·6	77·2	77·4	79·9	80·9	80·5	82·7	82·1	81·8	80·7	80·9	79·8
8	81·4	80·9	81·0	81·1	80·9	80·0	77·0	77·2	76·2	76·6	77·0	77·0	76·9	77·2	77·5	78·0	78·9	80·8	82·1	82·1	81·8	81·2	80·8	80·5	79·3
9	80·7	80·7	80·5	80·6	80·9	81·3	81·4	81·0	81·2	80·9	80·7	80·4	80·0	79·6	80·4	81·2	81·0	81·2	82·1	81·2	82·1	81·4	81·4	80·9	81·0
10	81·2	80·9	81·0	81·1	81·0	81·9	81·2	79·6	79·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	81·1	80·9	80·7	80·4	81·0	81·9	80·8	81·4	82·1	82·8	83·1	83·3	82·5	82·9	82·3	81·4
12	82·9	83·1	82·3	82·0	82·1	81·7	81·2	80·7	80·2	79·6	79·0	79·1	79·2	79·5	80·2	80·7	82·1	82·5	82·3	83·8	84·1	83·3	83·1	82·7	81·6
13	82·3	82·1	82·1	81·9	81·5	81·2	80·4	79·6	79·2	79·1	79·1	79·1	79·1	79·7	80·2	80·4	81·4	82·5	82·7	83·3	84·1	83·6	83·0	81·9	81·2
14	82·1	82·1	82·1	82·2	81·8	80·7	78·7	78·2	76·4	76·4	76·5	76·8	77·0	77·4	79·1	77·9	78·2	79·9	81·6	81·6	81·0	82·2	81·7	82·1	79·7
15	82·1	82·1	82·1	81·9	81·6	81·2	81·2	80·1	79·9	80·0	80·2	80·2	80·2	81·0	81·2	76·2	75·1	74·0	75·2	74·4	74·3	76·3	76·2	75·2	78·8
16	75·7	76·3	76·7	76·2	76·0	75·7	75·6	75·4	75·2	74·7	74·2	74·0	73·8	74·1	76·0	78·3	79·9	82·1	81·0	80·9	81·3	81·2	81·4	81·0	77·4
17	80·8	80·2	80·1	80·0	79·9	80·4	79·9	79·4	80·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	76·5	76·4	76·3	76·2	76·4	76·7	77·9	77·7	77·4	78·2	78·3	79·3	78·8	77·5	78·3	78·5
19	77·7	78·6	79·0	77·5	77·4	77·3	76·9	76·2	76·4	76·3	76·2	75·5	74·7	75·4	75·2	76·9	77·4	78·2	77·8	77·8	76·2	75·3	74·7	75·2	76·7
20	75·6	76·7	76·5	76·5	77·2	77·2	76·7	76·2	76·2	75·9	75·7	75·8	75·9	76·2	76·6	76·7	78·9	79·2	79·0	78·5	78·5	79·2	80·2	79·4	77·3
21	78·1	77·7	76·5	76·3	76·4	77·2	77·2	77·2	76·0	76·1	76·2	76·6	77·0	76·7	77·4	78·0	78·5	78·7	79·5	80·7	80·4	80·4	80·9	80·0	77·9
22	79·3	74·3	75·6	75·6	77·8	77·3	76·9	78·4	77·2	76·1	75·0	75·2	75·4	75·2	77·0	77·7	78·0	78·7	80·0	80·4	79·1	80·2	79·4	79·9	77·5
23	80·0	79·7	79·1	79·0	76·0	77·1	77·2	76·7	76·2	76·2	76·2	75·7	75·2	74·5	74·4	75·5	77·7	77·2	78·8	77·7	78·5	79·2	80·0	79·4	77·4
24	78·8	79·2	79·2	79·2	79·3	79·2	79·4	76·2	75·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	73·9	73·9	73·9	73·8	75·0	75·4	76·5	76·7	78·1	79·0	80·5	79·4	78·7	79·3	79·2	77·5
26	78·7	77·4	77·0	76·2	75·8	76·0	75·4	75·4	76·2	76·2	76·2	76·1	76·0	75·8	76·2	78·0	78·6	77·7	77·4	77·2	77·5	78·9	77·9	79·2	77·0
27	77·9	77·2	78·2	77·9	76·9	77·3	77·2	77·2	76·2	75·2	74·3	74·3	74·2	74·6	74·4	75·5	76·1	76·2	76·7	76·7	76·8	76·4	76·2	77·7	76·3
28	77·2	78·3	78·8	79·1	78·3	77·2	77·2	76·2	76·2	75·4	74·7	74·5	74·2	74·0	74·5	75·2	76·1	76·4	76·9	76·9	77·5	77·7	77·2	77·4	76·5
29	77·1	77·2	77·7	77·0	76·1	75·2	73·1	73·1	73·2	73·6	74·0	74·0	73·9	73·7	75·2	76·3	75·4	76·2	78·0	77·7	78·2	77·5	78·3	77·5	75·8
30	78·0	77·2	76·3	75·9	75·6	74·0	73·4	73·2	73·6	73·6	73·6	73·5	73·4	73·3	75·2	75·1	77·9	75·4	75·2	77·0	78·0	77·7	78·1	77·0	75·5
Means	79·6	79·4	79·4	79·2	79·0	78·9	78·3	77·9	77·5	77·1	76·8	76·8	76·6	76·7	77·2	77·6	78·6	78·9	79·6	79·9	79·9	79·8	79·8	79·6	78·5
May 31	75·7	75·6	75·2	76·2	75·2	75·2	74·9	74·2	74·2	* —	—	* —	—	—	—	—	—	—	—	—	—	—	—	—	—
1	—	—	—	—	—	—	—	—	—	73·7	73·4	73·1	72·8	72·3	74·2	75·2	76·2	76·4	76·7	77·4	77·2	77·0	77·2	78·0	75·3
2	78·3	76·9	76·6	76·2	76·7	76·9	73·5	72·6	73·4	73·3	73·2	73·2	73·2	74·2	74·1	75·2	75·2	76·0	76·5	78·4	77·7	78·0	78·1	79·2	75·7
3	79·0	78·4	80·2	80·0	79·1	78·3	78·2	78·2	76·2	75·4	74·7	74·5	74·2	73·7	75·4	76·2	76·2	76·6	77·6	78·4	78·2	78·0	79·2	79·1	77·3
4	78·2	80·0	78·5	79·5	79·9	78·2	77·9	75·7	76·0	75·6	75·2	75·2	75·2	74·4	74·2	74·4	75·6	76·2	76·8	77·4	78·7	79·8	79·9	79·9	77·2
5	80·6	78·0	78·9	78·9	79·2	79·1	78·4	77·8	78·2	77·4	76·7	76·5	76·2	77·2	77·4	78·2	79·2	79·4	79·0	78·2	78·0	77·2	77·0	75·7	78·0
6	76·2	78·0	75·4	77·0	77·2	78·0	77·2	76·8	75·2	75·2	75·2	74·2	73·2	73·2	73·4	74·4	76·0	76·2	76·2	77·0	77·2	78·6	77·9	77·4	76·1
7	76·3	76·2	77·0	77·4	77·2	76·8	76·2	75·7	75·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	—	74·2	74·2	74·2	74·1	74·2	74·5	76·9	77·2	77·6	78·2	77·5	77·2	78·5	78·2	78·0	76·4
9	77·1	77·0	80·9	79·9	79·9	76·2	75·4	75·7	75·2	75·2	75·2	74·7	74·2	74·0	74·7	75·9	76·2	77·2	78·2	78·9	79·1	79·0	78·7	78·5	77·0
10	79·2	79·1	78·3	78·3	78·0	77·2	75·2	75·2	75·4	75·3	75·2	75·5	75·7	75·4	75·5	76·2	77·2	77·7	78·0	78·4	78·5	78·6	78·7	79·4	77·1
11	79·4	79·0	79·2	80·2	80·3	78·8	78·0	78·4	76·4	76·3	76·2	75·9	75·6	75·2	74·5	75·2	76·2	77·9	78·2	78·4	78·0	78·9	77·2	77·4	77·5
12	77·2	77·4	78·2	77·4	74·4	74·5	74·8	75·1	74·2	73·3	73·5	73·7	73·8	74·0	74·6	76·2	77·0	77·2	76·9	77·2	78·2	78·4	78·0	77·6	76·0
13	77·4	78·0	78·0	77·0	78·0	77·7	77·2	76·8	75·7	75·2	74·7	74·6	74·4	74·9	74·6	75·4	76·4	77·2	76·7	78·0	78·1	78·7	79·4	81·2	76·9
14	80·0	79·2	78·0	78·0	77·7	78·4	78·2	75·4	75·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	76·2	76·2	76·2	76·2	76·9	78·2	77·7	77·2	78·2	78·2	79·4	80·0	79·7	79·4	78·2	77·9
16	80·7	80·2	79·9	81·0	80·5	78·2	78·2	77·7	77·6	77·0	76·4	75·8	75·2	75·2	75·7	76·4	76·4	76·8	77·4	78·0	78·2	78·0	79·0	78·1	77·8
17	78·4	76·7	79·9	80·0	80·4	78·2	78·1	77·2	75·9	75·5	75·2	74·7	74·2	74·4	74·4	75·1	75·5	75·7	77·2	76·5	77·1	78·0	79·5	80·0	77·0
18	79·4	77·2	78·5	78·7	78·7	78·7	78·7	78·5	77·7	77·2	76·7	76·7	76·7	76·2	77·2	78·9	77·2	76·4	78·1	78·5	79·2	78·9	80·0	82·0	78·2
19	81·4	80·7	79·7	79·3	80·1	80·0	80·2	79·2	76·4	76·8	77·2	77·0	76·7	76·2	77·1	77·2	77·2	77·2	77·6	76·7	76·2	77·6	77·7	78·1	78·1
20	77·6	79·4	79·6	79·4	79·8	78·8	79·2	78·9	77·2	76·5	75·8	75·5	75·2	75·8	76·4	76·9	76·2	76·1	78·0	80·1	79·2	79·4	80·4	80·1	78·0
21	80·6	80·4	80·2	79·8	79·4	79·1	79·1	78·3	77·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	78·7	78·2	77·7	77·2	78·0	78·7	79·0	78·2	78·2	77·4	78·0	78·7	79·2	80·3	80·9	78·9
23	81·2	79·5	79·5	79·5	79·2	79·5	79·9	78·7	78·2	78·2	78·2	77·7	77·2	78·0	78·3	79·5	78·9	78·2	77·2	78·0	79·4	78·1	79·9	82·0	78·9
24	80·1	79·4	77·8	77·4	77·2	78·4	79·2	79·4	79·4	78·8	78·2	78·2	78·2	78·0	79·4	80·2	80·4	81·2	81·0	78·0	78·5	80·1	80·7	81·1	79·2
25	80·9	80·8	80·4	80·4	80·4	80·2	79·4	79·7	80·0	79·1	78·2	76·7	75·2	74·3	74·2	75·2	76·2	77·2	78·2	78·4	79·1	78·7	80·0	80·4	78·5
26	80·2	79·4	79·0	79·0	78·5	79·0	78·9	78·8	78·7	78·4	78·2	77·7	77·2	76·2	77·2	78·2	79·2	80·0	79·0	79·0	77·4	78·1	80·0	81·0	78·7
27	80·1	80·2	79·4	79·4	79·4	80·2	80·1	80·0	79·7	79·7	79·7	79·5	79·2	79·2	78·6	78·2	78·2	78·6	79·2	78·4	78·7	78·7	79·9	80·5	79·4
28	80·3	80·7	80·2	80·4	80·2	80·4	80·2	80·2	79·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	—	79·5	79·2	78·9	78·6	76·9	77·6	77·2	79·2	79·8	80·2	81·0	81·7	81·9	82·1	81·7	79·9
30	80·7	80·1	80·4	80·8	80·9	80·9	81·7	82·1	75·2	76·0	76·9	77·0	77·0	76·5	77·2	78·2	78·2	78·2	78·8	79·6	80·4	81·0	81·9	80·3	79·2
Means	79·1	78·8	78·8	78·9	78·7	78·3	78·0	77·6	76·7	76·5	76·2	75·9	75·6	75·6	76·1	76·8	77·2	77·6	77·9	78·3	78·5	78·8	79·2	79·5	77·7

MAY 1856

JUNE 1856

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

WET THERMOMETER, STANDARD No. 8

(Corrected to the Kew Observatory Standard Thermometer)

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
										*		*													
	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
1	77·5	76·7	76·7	77·2	77·5	77·5	77·4	77·2	78·5	77·5	76·5	76·9	77·2	75·9	74·7	74·9	76·2	76·6	77·2	78·2	77·7	79·0	78·4	79·3	77·2
2	78·6	79·0	78·7	78·6	78·2	78·2	78·2	78·8	78·7	78·4	78·2	77·7	77·2	75·2	75·4	76·1	78·0	78·2	78·2	77·0	77·3	78·0	78·1	78·9	77·9
3	80·0	78·7	77·4	77·4	78·1	78·4	78·2	76·2	76·2	75·8	75·4	75·6	75·7	75·7	75·7	76·7	77·2	78·2	77·0	78·0	76·7	77·9	77·0	78·0	77·3
4	78·5	79·9	79·9	79·6	79·6	79·2	79·2	78·8	76·2	75·3	74·4	74·3	74·2	75·2	75·5	76·9	78·2	79·7	80·2	79·0	79·7	80·9	81·2	80·5	78·2
5	79·7	79·1	78·9	78·9	78·3	77·3	76·3	76·2	76·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	76·7	76·2	75·7	75·2	76·0	77·4	78·0	79·2	79·7	80·9	81·5	81·6	81·0	80·4	80·7	78·4
7	80·4	80·2	79·4	79·0	78·0	77·6	77·4	76·2	74·7	74·8	75·0	74·8	74·5	75·2	74·5	75·2	75·4	76·2	76·2	77·4	78·9	80·4	80·3	80·7	77·2
8	80·2	80·4	78·5	80·0	80·0	79·1	78·9	77·4	77·2	77·3	77·4	77·3	77·2	77·2	77·8	79·5	79·8	79·8	80·0	80·2	80·5	81·7	77·7	78·8	78·9
9	79·0	80·7	79·5	78·1	77·2	75·2	75·2	75·2	75·4	75·7	76·1	74·9	73·7	74·2	75·2	76·2	77·2	77·5	78·4	79·1	78·1	78·4	80·3	81·5	77·2
10	81·0	79·6	79·4	79·8	79·3	77·4	76·7	76·2	76·2	76·5	76·8	76·6	76·4	76·3	77·3	78·2	78·7	78·8	78·5	78·0	77·8	77·7	78·4	81·0	78·0
11	80·4	79·7	80·2	80·0	77·7	77·2	76·2	75·7	75·7	75·8	76·0	76·1	76·2	76·0	76·7	77·2	78·2	77·6	77·0	77·1	77·5	78·0	80·0	79·9	77·6
12	78·0	78·1	78·4	77·1	77·6	77·2	75·4	75·2	74·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	75·7	75·2	75·7	76·2	76·2	77·2	78·9	78·2	79·0	79·4	79·2	78·4	79·2	79·6	79·6	77·5
14	78·7	77·4	75·4	75·4	77·1	77·2	76·4	76·2	77·2	76·6	76·1	75·9	75·6	74·6	76·2	76·2	77·0	78·4	76·4	77·6	79·0	78·7	80·0	79·3	77·0
15	79·5	78·2	79·1	80·0	80·4	79·7	80·2	80·0	79·2	78·8	78·4	78·2	77·9	76·2	76·2	76·0	76·9	77·7	77·7	78·1	79·1	79·2	79·7	79·0	78·6
16	79·2	78·4	80·5	80·2	80·4	80·4	79·4	78·2	77·2	77·3	77·9	77·6	77·2	77·1	78·2	79·1	78·1	76·8	78·7	78·4	79·0	78·2	80·4	79·5	78·6
17	79·4	80·9	80·2	80·3	80·2	79·6	79·2	79·2	78·2	78·2	78·2	77·8	77·4	75·2	76·6	76·4	75·2	76·1	77·8	78·2	77·0	78·5	80·8	81·2	78·4
18	79·9	79·2	78·5	78·7	78·9	79·0	78·2	78·4	78·2	77·8	77·4	76·8	76·2	76·2	77·2	78·3	76·4	76·6	76·5	78·0	79·0	79·1	81·4	79·9	78·2
19	79·7	79·1	79·8	79·4	77·4	78·0	78·4	77·7	77·1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	77·0	76·2	75·4	74·6	73·9	73·6	74·2	74·4	76·0	76·4	77·2	76·4	76·5	77·0	77·2	76·8
21	77·0	76·7	76·2	75·9	75·0	74·5	74·2	74·6	74·2	74·6	75·1	74·2	73·2	73·0	73·2	74·0	75·2	75·2	75·4	75·7	75·9	76·0	75·4	75·3	75·0
22	75·7	74·2	74·6	74·8	74·7	75·2	74·0	74·2	73·6	73·0	72·5	72·5	72·5	72·3	73·2	74·2	74·6	74·7	74·9	76·2	76·0	76·4	76·2	75·9	74·4
23	76·1	74·7	75·0	76·2	75·9	75·2	75·2	75·2	74·7	74·4	74·2	74·2	74·2	71·8	72·1	73·2	72·3	73·9	74·3	74·7	76·0	76·2	75·8	75·8	74·6
24	75·6	74·2	74·6	76·1	77·4	78·7	78·7	77·2	75·7	74·9	74·2	73·2	72·2	72·1	73·2	73·2	73·2	73·7	74·8	75·0	75·5	74·7	75·1	76·5	75·0
25	76·0	75·4	77·2	78·2	78·0	78·0	77·7	77·2	77·2	76·8	76·4	75·8	75·2	72·9	73·4	74·9	74·5	75·7	75·4	76·7	78·0	77·2	78·0	78·0	76·4
26	77·4	76·3	75·2	77·2	78·2	78·2	76·2	76·2	75·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	74·1	74·2	74·3	74·4	73·1	74·3	75·7	77·1	76·0	76·4	78·0	78·7	79·0	79·9	79·5	76·4
28	78·7	78·0	77·0	75·4	75·1	75·6	76·2	75·7	75·8	76·0	76·2	75·9	75·5	75·4	76·2	77·6	76·8	76·7	78·4	79·2	79·0	80·5	81·2	81·4	77·2
29	80·3	80·2	77·5	79·6	76·2	75·0	75·4	75·7	75·6	75·5	75·4	75·4	75·4	75·2	76·0	76·4	76·2	75·7	75·5	76·8	77·2	77·7	77·0	78·0	76·6
30	77·4	78·2	76·6	76·6	76·2	73·7	74·1	74·0	73·6	73·8	74·0	74·0	73·9	74·4	75·2	75·5	77·2	77·6	78·4	78·6	78·4	79·2	79·4	79·5	76·2
31	78·7	78·7	74·4	75·1	75·0	75·0	75·2	75·2	75·2	75·3	75·4	75·3	75·2	75·2	75·4	76·2	77·3	78·0	77·5	77·9	78·4	78·4	78·0	77·2	76·4
Means	78·6	78·2	77·7	78·0	77·7	77·3	77·0	76·6	76·2	76·1	75·9	75·6	75·3	74·9	75·5	76·3	76·7	77·0	77·4	77·8	78·1	78·4	78·8	79·0	77·1
1	78·7	78·9	79·4	75·2	76·0	75·9	76·2	76·2	74·7	74·9	75·2	74·6	74·0	73·3	74·1	75·2	77·0	76·9	78·4	78·7	79·0	78·7	78·0	79·4	76·6
2	78·2	79·1	79·9	78·3	77·8	78·1	77·1	76·2	76·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	—	73·1	73·2	73·3	73·3	73·2	73·2	74·0	74·7	75·1	75·4	76·2	76·2	77·2	77·7	78·4	76·0
4	78·2	80·7	79·0	78·2	78·0	78·2	78·2	78·2	76·2	75·3	74·5	73·8	73·1	73·4	75·0	75·2	76·4	75·2	76·1	75·9	76·4	77·1	77·7	79·4	76·6
5	78·4	77·8	77·6	78·0	77·7	77·6	77·2	77·7	77·6	77·5	77·4	77·3	77·2	77·0	78·0	78·9	78·0	78·2	77·4	77·2	77·2	78·0	79·6	79·4	77·8
6	79·2	78·2	78·2	78·1	78·2	78·5	78·3	78·3	78·0	77·2	76·4	76·0	75·5	74·9	75·2	74·8	76·4	77·2	77·3	77·7	77·7	79·4	79·7	80·2	77·5
7	80·4	80·2	78·6	78·1	78·2	78·2	78·3	78·0	77·2	77·3	77·4	77·3	77·2	77·5	78·2	76·2	77·2	78·2	78·2	77·2	77·0	79·2	79·7	78·7	78·1
8	79·4	78·5	78·6	78·1	78·3	78·3	78·3	78·2	78·2	77·7	77·2	77·3	77·4	77·0	77·2	76·5	78·0	78·9	79·2	79·7	80·0	80·7	80·5	81·0	78·5
9	80·7	79·7	78·6	77·8	77·6	75·4	75·4	75·7	75·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	76·7	76·9	77·1	77·3	76·8	77·7	78·9	79·2	79·7	79·2	79·4	81·2	81·2	81·7	81·2	78·3
11	80·5	79·4	79·3	79·1	78·7	78·5	78·8	79·2	79·1	78·6	78·2	76·7	75·2	74·4	75·2	77·2	78·0	78·0	78·7	78·2	79·2	77·2	80·2	81·2	78·3
12	81·2	80·9	81·4	80·9	80·4	79·6	79·4	78·9	79·2	78·8	78·4	78·3	78·2	77·2	77·7	78·4	80·0	79·6	79·4	80·0	81·2	82·0	82·0	81·2	79·8
13	80·4	80·0	79·0	78·8	79·1	79·0	78·6	78·2	76·9	76·6	76·3	76·3	76·2	76·2	77·2	78·4	79·0	78·9	78·5	79·0	80·5	79·6	79·0	79·5	78·4
14	79·4	79·1	78·0	79·1	76·7	76·2	75·6	75·2	75·2	74·8	74·4	74·4	74·3	74·7	75·2	76·2	77·0	77·7	77·7	77·9	77·9	78·6	78·2	78·4	76·7
15	79·2	80·1	79·3	79·5	79·7	79·5	77·6	77·5	77·2	76·1	75·1	74·4	73·7	74·1	75·9	76·2	76·3	76·2	76·7	77·1	77·3	78·0	77·0	78·2	77·2
16	79·7	79·4	78·7	79·2	79·0	79·2	79·2	79·0	78·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	—	—	75·0	75·4	75·8	76·2	76·1	75·2	75·7	76·1	76·0	76·7	76·4	77·0	77·2	76·2	76·2	77·2
18	77·0	77·5	78·1	77·6	77·6	77·2	77·2	77·4	77·2	75·4	73·7	74·0	74·2	73·7	74·7	75·0	73·7	76·4	75·9	77·5	76·8	77·3	77·3	77·2	76·2
19	78·1	77·2	78·2	75·4	75·3	75·2	75·7	75·2	74·7	74·5	74·4	74·1	73·7	73·9	74·8	75·2	76·0	76·4	77·4	77·7	78·1	78·0	78·2	79·3	76·1
20	79·6	79·1	79·2	76·3	75·7	75·1	75·2	75·2	75·2	75·2	75·3	75·2	75·0	75·3	76·0	77·2	78·2	77·4	78·4	78·4	79·5	79·7	79·9	80·0	77·1
21	79·4	79·0	79·0	79·0	79·2	79·0	78·6	78·2	78·2	77·7	77·2	77·1	76·9	77·1	77·4	79·3	77·8	78·5	79·0	78·7	78·4	79·6	79·3	80·2	78·5
22	80·8	79·2	79·3	79·0	79·0	78·5	78·2	78·2	78·0	77·1	76·2	75·8	75·4	75·3	77·0	78·2	79·4	79·5	81·0	80·7	82·1	81·0	80·7	79·9	78·7
23	79·5	78·6	79·2	78·7	77·6	77·2	77·2	76·2	76·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	—	76·1	76·4	76·7	76·9	76·7	76·2	76·0	76·4	78·1	78·2	79·0	80·1	79·7	81·0	81·1	77·9
25	79·5	79·2	79·2	79·0	78·2	78·9	79·2	79·2	78·0	77·1	76·2	75·0	73·7	73·2	73·3	74·2	75·7	77·7	78·5	79·3	79·2	78·4	79·2	79·2	77·5
26	80·7	78·5	77·8	77·5	77·2	77·2	77·4	77·1	75·4	75·3	75·2	75·3	75·4	76·0	76·2	75·3	76·6	77·0	76·2	76·4	77·4	78·1	79·2	78·8	77·0
27	79·2	79·1	78·0	77·4	77·2	77·0	77·2	76·9	76·2	76·2	76·2	76·3	76·4	76·4	76·5	77·4	78·2	79·0	80·0	80·6	80·4	80·2	82·4	82·0	78·2
28	80·9	80·0	79·9	79·6	79·4	79·0	75·2	75·4	74·7	74·9	75·2	75·4	75·6	75·5	76·2	77·2	77·0	78·4	78·2	78·7	79·1	79·2	79·3	79·2	77·7
29	79·2	78·7	77·7	77·0	77·2	76·4	77·2	76·9	76·2	76·0	75·9	75·5	75·0	74·8	75·2	75·4	77·2	78·2	77·9	76·2	77·3	76·1	76·2	75·2	76·6
30	75·5	74·2	74·3	73·9	73·7	74·1	74·2	74·2	74·4	72·1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
31	—	—	—	—	—	—	—	—	—	—	72·8	73·5	74·2	73·8	72·5	73·2	73·7	74·2	75·0	74·1	73·7	74·8	74·4	75·4	74·0
Means	79·3	78·9	78·7	78·0	77·8	77·6	77·3	77·2	76·7	76·0	75·8	75·6	75·4	75·3	75·8	76·4	77·0	77·6	77·9	78·0	78·5	78·7	79·0	79·2	77·4

JULY 1856

AUGUST 1856

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

WET THERMOMETER, STANDARD No. 8

(Corrected to the Kew Observatory Standard Thermometer)

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	o	o	o	o	o	o	o	o	o	* o	o	* o	o	o	o	o	o	o	o	o	o	o	o	o	o
1	75·2	74·7	74·0	73·3	73·2	73·1	73·0	73·2	72·5	72·4	72·3	71·9	71·5	71·4	72·3	73·4	74·0	74·2	74·2	75·4	75·0	76·2	77·0	76·9	73·8
2	76·0	76·1	75·9	75·1	74·5	74·4	74·2	73·2	71·9	72·0	72·1	71·8	71·5	71·2	71·3	72·3	73·2	74·2	75·0	76·2	77·0	75·7	75·4	74·5	73·9
3	75·3	75·9	75·5	74·5	74·4	74·0	73·1	73·2	72·5	72·0	71·6	71·9	72·1	72·5	72·8	73·4	74·0	75·2	75·4	75·5	76·0	75·7	75·8	76·7	74·1
4	76·9	76·1	76·5	77·4	77·3	75·2	74·8	74·8	77·0	77·6	78·2	78·2	78·2	77·2	76·2	77·2	76·2	76·7	76·7	77·7	76·5	77·9	77·7	78·3	77·9
5	78·7	78·9	78·5	78·2	77·5	78·4	78·7	77·7	78·0	78·1	78·2	78·2	78·2	77·2	77·9	79·1	79·0	78·6	78·2	77·9	77·2	76·4	77·3	78·9	78·1
6	79·6	78·5	79·3	80·4	80·4	80·7	80·1	79·4	78·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	—	79·2	78·2	77·2	76·1	75·7	76·2	77·8	79·2	78·2	77·9	77·2	78·1	78·7	79·2	79·9	78·6
8	79·0	78·9	79·4	80·1	80·1	79·9	79·8	79·4	79·1	78·4	77·7	77·2	76·7	76·2	76·4	76·7	76·7	76·2	76·9	76·4	77·9	77·2	78·5	79·0	78·1
9	78·9	79·0	78·6	78·2	77·9	77·2	75·7	76·2	75·7	75·8	75·9	76·0	76·0	76·2	76·3	76·2	75·2	74·7	75·2	76·0	75·2	76·9	75·1	76·0	76·4
10	76·7	76·1	80·1	79·0	78·6	78·5	78·5	78·5	78·2	77·7	77·2	75·7	74·2	72·3	72·5	74·1	74·2	73·7	74·2	74·4	75·0	74·5	75·7	74·2	76·0
11	74·7	74·3	73·7	74·2	74·4	74·4	74·0	74·0	73·4	73·3	73·2	73·2	73·2	73·4	72·8	73·0	73·4	73·2	73·2	73·4	73·0	73·1	73·9	73·7	73·6
12	73·0	72·8	73·3	73·9	73·2	73·2	73·2	73·0	72·3	72·3	72·3	71·8	71·3	70·5	70·5	72·3	72·6	73·2	74·2	74·5	74·3	74·7	74·9	74·3	73·0
13	75·4	76·2	75·1	74·6	74·8	74·7	74·2	74·2	75·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	79·2	78·2	77·2	76·2	75·4	75·7	76·0	77·2	78·0	79·0	79·3	80·4	82·1	80·9	79·7	77·0
15	79·4	79·0	78·8	79·2	79·0	78·7	79·1	79·4	77·7	77·4	77·2	76·2	75·2	75·2	74·9	75·2	76·6	78·0	78·2	78·4	78·7	78·2	80·4	78·5	77·9
16	78·9	79·6	78·9	80·0	80·1	78·7	78·4	78·0	78·2	77·4	76·6	76·4	76·2	76·2	77·0	76·2	74·7	74·2	74·2	74·5	73·7	73·4	75·2	77·4	76·9
17	76·7	76·4	75·9	75·9	76·4	76·9	76·8	77·2	77·0	76·6	76·2	76·2	76·2	75·9	76·2	77·4	76·2	75·7	75·0	76·5	77·7	78·0	77·3	78·2	76·6
18	78·9	78·3	78·5	79·2	79·4	78·9	78·5	77·0	78·0	77·4	76·9	76·6	76·2	76·2	77·1	77·2	76·0	76·2	76·7	76·7	77·0	76·7	79·0	78·2	77·5
19	77·7	78·5	78·4	78·4	77·9	77·6	77·5	78·4	77·2	76·3	75·4	75·3	75·2	76·2	77·0	78·0	77·2	76·2	75·5	76·7	75·5	76·0	77·4	79·4	77·0
20	79·8	79·1	78·9	78·7	78·4	78·5	78·4	78·6	78·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	—	76·2	76·2	76·2	76·2	76·7	76·5	77·2	79·0	79·2	78·2	77·5	79·0	79·7	79·9	79·6	78·2
22	79·4	79·2	79·0	78·4	78·4	78·2	78·2	78·0	77·2	77·3	77·4	77·3	77·2	77·2	76·7	77·7	78·9	79·4	79·2	79·4	79·2	79·9	77·4	78·0	78·3
23	78·2	78·8	78·6	78·6	78·9	77·5	77·3	77·9	77·4	77·2	77·1	77·2	77·2	77·2	77·4	77·2	77·4	79·2	79·7	78·2	79·0	79·2	79·9	79·2	78·1
24	79·0	78·9	78·7	77·3	78·7	78·6	78·2	77·8	77·2	76·2	75·2	75·1	75·0	75·4	75·6	76·4	76·0	76·7	77·4	77·0	77·5	78·7	77·2	79·3	77·2
25	79·5	79·2	78·8	78·7	78·2	78·2	78·2	78·2	78·7	77·6	76·5	76·1	75·6	75·2	75·8	76·0	77·2	78·2	79·0	79·5	79·4	80·3	80·0	79·9	78·1
26	79·4	78·5	78·1	78·0	78·0	75·2	75·2	75·4	76·1	76·1	76·2	76·2	76·2	75·0	75·1	76·0	77·2	78·2	78·7	80·0	80·8	80·1	81·2	80·0	77·5
27	79·9	79·3	77·2	76·9	78·7	78·2	78·7	79·1	78·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	75·9	75·7	75·5	75·2	75·2	74·2	74·2	74·5	76·4	77·7	78·7	78·7	77·5	75·7	75·9	77·1
29	78·0	78·2	78·2	78·2	77·6	77·6	77·6	77·4	77·0	77·1	77·2	76·8	76·3	76·6	78·2	78·3	80·0	80·0	80·4	80·5	81·0	81·4	80·2	80·0	78·5
30	79·7	79·4	78·9	78·9	78·7	78·7	78·7	78·7	78·6	78·6	78·7	78·8	78·9	75·1	75·2	76·2	76·7	76·7	77·4	79·0	78·2	80·3	80·2	80·7	78·4
Means	77·8	77·7	77·6	77·5	77·5	77·1	76·9	76·8	76·6	76·4	76·1	75·8	75·5	75·1	75·3	75·9	76·3	76·6	76·8	77·2	77·3	77·6	77·8	77·9	76·8
1	80·1	79·4	79·0	78·0	78·6	77·9	77·9	78·2	73·2	* 74·3	75·4	* 75·1	74·7	74·2	75·0	76 2	78·5	78·8	77·7	78·7	80·4	81·0	80·9	80·1	77·6
2	79·2	79·0	79·0	78·6	78·8	79·2	79·2	79·2	79·9	78·0	76·2	76·7	77·2	77·1	77·4	78 5	80·1	80·4	77·5	76·4	78·9	80·1	80·6	78·9	78·6
3	80·1	76·2	75·9	76·0	76·4	76·0	76·0	75·8	76·0	75·8	75·7	75·6	75·5	76·2	77·2	77·8	78·2	78·7	79·1	80·7	82·0	81·7	82·1	81·1	77·7
4	80·4	79·4	79·4	78·8	78·2	78·2	77·7	77·5	77·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	77·5	77·8	77·8	77·8	77·2	78·2	78·0	77·2	78·6	80·2	80·5	80·2	80·0	80·2	79·2	78·6
6	80·2	79·2	79·1	78·6	78·8	78·8	78·2	77·8	77·7	77·5	77·4	77·4	77·4	77·2	77·7	79·1	79·2	80·0	80·1	80·7	81·0	80·0	80·2	80·2	78·9
7	80·2	79·4	79·6	79·4	79·4	79·1	78·9	77·4	78·2	78·2	78·2	78·2	78·2	78·2	77·7	78·8	76·2	76·9	77·2	79·2	80·2	79·2	79·2	78·7	78·6
8	78·2	79·0	78·9	78·6	78·6	78·5	78·5	78·5	75·4	74·2	73·0	73·2	73·4	73·2	74·0	74·3	74·4	74·2	75·3	75·9	76·2	76·4	76·7	76·6	76·1
9	76·7	76·2	76·4	76·2	76·0	74·2	74·5	74·2	75·4	75·3	75·3	75·3	75·2	75·2	75·2	75·2	75·5	75·7	76·4	77·2	77·7	78·0	77·4	77·2	75·9
10	76·7	76·2	76·5	75·7	74·5	73·2	72·3	71·8	71·3	71·0	70·8	70·8	70·8	70·5	71·3	72·8	74·4	75·2	77·0	76·0	76·5	77·2	77·2	78·2	74·1
11	77·1	77·7	77·2	75·7	75·2	75·8	76·7	76·2	76·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	76·2	76·2	76·2	76·2	75·0	76·0	77·3	76·4	76·3	76·1	73·6	76·0	76·0	74·1	75·4	76·0
13	78·0	78·1	78·1	77·4	76·9	75·6	75·4	74·5	75·2	75·2	75·2	74·7	74·2	74·2	76·0	78·1	79·2	79·2	76·6	79·2	80·4	79·9	80·0	78·7	77·1
14	78·2	78·6	78·2	78·0	77·4	77·0	76·4	76·3	76·0	75·4	74·9	74·6	74·3	74·2	76·0	76·8	78·7	78·7	76·7	77·2	78·4	78·2	77·2	78·0	76·9
15	78·6	79·2	78·3	78·2	77·7	77·0	76·3	75·9	76·4	76·0	75·7	75·5	75·3	75·1	76·4	77·9	78·2	78·0	76·3	76·2	77·2	78·0	78·2	78·2	77·1
16	78·2	76·7	76·4	76·2	76·2	75·4	75·2	74·9	74·5	74·2	74·0	74·0	74·0	73·3	75·2	77·2	75·6	75·2	76·7	78·2	78·2	77·4	77·2	77·1	75·9
17	77·7	77·9	78·0	78·1	78·2	77·9	77·6	77·6	77·2	77·2	77·2	77·3	77·3	76·8	75·6	77·0	77·4	79·1	79·2	79·0	79·0	77·9	78·2	78·8	77·8
18	72·3	72·6	72·1	71·9	72·3	72·3	72·8	72·0	71·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	73·5	75·2	75·6	75·9	76·2	76·9	77·7	78·2	78·0	78·2	77·4	75·2	75·0	77·4	77·7	74·9
20	77·4	76·2	76·0	75·5	75·8	74·9	74·4	74·4	74·4	74·0	73·7	73·6	73·4	73·2	74·4	76·7	77·2	78·2	76·2	76·4	77·3	77·1	75·7	77·2	75·6
21	75·7	76·2	75·4	75·2	75·2	74·0	73·9	73·4	74·2	73·9	73·6	73·9	74·2	74·0	75·2	76·2	77·2	77·2	76·2	74·0	74·1	78·5	78·2	77·6	75·3
22	75·6	76·2	76·5	75·7	75·7	75·2	74·9	75·4	76·1	75·5	74·9	74·1	73·3	73·1	74·1	76·0	76·7	78·2	77·2	77·4	78·2	78·2	78·4	78·1	76·0
23	78·1	78·2	77·6	76·7	76·0	76·2	76·0	75·2	75·2	75·3	75·4	75·3	75·2	75·0	75·8	76·4	78·0	78·2	78·2	76·2	75·9	75·8	76·2	74·7	76·3
24	75·5	75·2	75·2	75·4	74·0	74·2	74·2	73·4	73·7	73·7	73·8	73·5	73·2	72·6	74·1	74·2	76·4	75·9	72·8	73·4	72·5	73·2	72·3	72·3	73·9
25	71·7	72·0	71·4	71·5	72·3	72·4	72·0	71·7	71·1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	70·6	70·1	69·8	69·5	69·1	70·3	72·1	73·2	72·8	72·8	74·0	72·0	72·5	73·1	73·2	71·7
27	72·5	72·3	72·3	72·3	72·5	72·9	72·9	72·5	72·3	71·8	71·3	70·9	70·4	70·3	71·0	73·2	75·0	74·0	74·4	76·2	75·7	75·4	74·4	76·0	73·0
28	75·7	74·5	74·9	74·4	74·7	74·7	74·2	73·5	72·8	72·5	72·3	72·1	71·8	71·5	73·2	74·3	74·8	75·0	74·2	76·2	77·2	76·2	76·2	75·2	74·3
29	75·9	75·4	75·2	75·7	75·5	74·7	73·7	73·9	74·0	74·1	74·2	74·1	73·9	73·2	74·3	75·4	75·5	75·1	73·4	74·2	75·2	76·0	76·9	76·2	74·8
30	75·3	74·5	75·0	75·0	75·0	75·2	74·4	74·2	73·2	72·6	72·1	71·7	71·3	71·1	72·8	75·0	75·1	76·2	76·0	77·2	77·2	77·9	78·4	76·6	74·7
31	77·1	77·4	77·3	77·0	77·2	76·4	76·4	75·2	74·3	74·1	73·9	73·7	73·5	74·2	75·2	76·4	78·0	77·6	78·2	78·2	77·8	78·1	78·1	78·1	76·4
Means	77·1	76·8	76·6	76·3	76·2	75·8	75·6	75·2	74·9	74·7	74·6	74·5	74·3	74·1	75·0	76·2	76·8	77·1	76·7	77·0	77·4	77·6	77·6	77·4	76·1

SEPTEMBER 1856

OCTOBER 1856

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

WET THERMOMETER, STANDARD No. 8

(Corrected to the Kew Observatory Standard Thermometer)

	Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
	Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
NOVEMBER 1856		o	o	o	o	o	o	o	o	o	o *	o	o *	o	o	o	o	o	o	o	o	o	o	o	o	o
	1	77·7	77·3	77·2	76·9	76·6	76·3	76·1	75·3	74·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	2	—	—	—	—	—	—	—	—	—	74·2	74·2	73·9	73·5	72·6	73·7	76·2	75·0	75·9	77·3	77·2	77·4	75·4	77·2	74·2	75·6
	3	76·8	73·9	73·2	73·2	73·3	73·4	73·3	73·2	73·2	73·6	74·0	73·3	72·5	72·1	73·2	75·0	75·6	75·5	75·7	76·7	76·2	74·1	74·7	75·1	74·2
	4	74·0	73·2	73·5	74·0	74·0	72·8	73·4	72·4	72·3	72·3	72·3	71·6	70·8	71·1	71·5	72·8	74·4	74·0	74·4	73·9	75·5	75·2	74·1	74·1	73·2
	5	73·0	73·2	71·9	71·9	71·6	71·5	71·6	71·2	70·3	69·4	68·5	68·4	68·3	68·2	69·1	71·1	73·2	76·0	74·2	75·4	73·2	71·7	71·3	72·3	71·5
	6	70·8	70·8	70·9	71·1	70·6	70·5	69·3	69·0	68·3	67·8	67·3	67·4	67·5	67·2	68·3	71·4	73·2	73·4	74·2	73·2	74·2	74·3	74·3	74·5	70·8
	7	74·2	73·8	73·5	73·4	73·4	73·7	73·2	73·2	71·9	71·6	71·3	71·3	71·3	70·9	71·1	73·5	74·2	74·0	75·2	74·7	75·4	76·5	75·0	74·1	73·4
	8	73·2	73·8	73·5	73·9	74·1	74·2	74·4	73·7	74·1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	9	—	—	—	—	—	—	—	—	—	72·7	71·3	71·6	71·9	72·1	72·8	73·6	74·9	73·3	76·4	72·1	75·9	74·6	75·0	74·6	73·7
	10	73·7	73·7	74·0	74·0	74·0	73·2	73·5	73·2	73·2	73·4	73·6	74·7	75·8	71·3	73·1	75·0	75·1	76·2	76·9	75·6	77·0	76·5	75·3	74·9	74·5
	11	73·9	73·2	73·4	73·2	74·1	73·5	72·9	72·8	72·6	72·4	72·3	71·2	70·1	70·0	70·3	71·3	72·2	72·1	72·8	73·0	72·5	72·4	72·5	72·9	72·4
	12	72·8	73·2	73·1	73·1	73·4	73·2	73·2	73·2	73·2	73·4	73·7	72·6	71·5	72·5	73·0	73·1	73·4	74·0	75·8	76·1	75·4	75·0	74·4	74·2	73·6
	13	73·4	72·5	72·5	72·3	72·3	72·3	72·2	72·3	72·1	71·6	71·2	71·3	71·3	71·3	72·0	73·2	75·7	76·8	77·2	76·9	76·1	76·2	75·6	75·3	73·5
	14	75·5	74·4	75·0	75·8	75·0	73·9	74·2	73·9	73·7	73·4	73·1	73·3	73·4	72·4	71·8	72·5	72·6	73·7	75·4	75·7	77·0	75·2	75·7	75·9	74·3
	15	76·0	75·4	75·2	75·2	75·0	74·2	74·7	74·2	74·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	16	—	—	—	—	—	—	—	—	—	74·8	75·4	74·9	74·4	74·2	74·2	75·0	74·2	74·0	75·2	75·2	76·0	75·2	75·2	75·7	74·9
	17	74·7	73·7	73·4	73·6	73·5	73·3	73·2	73·2	74·2	74·8	75·4	75·2	75·0	75·2	75·7	76·4	77·0	76·7	77·4	76·4	76·8	77·4	75·7	75·1	75·1
	18	74·5	74·3	74·2	74·0	73·9	74·2	74·0	73·2	73·2	72·8	72·5	72·5	72·4	72·3	72·3	73·2	74·0	74·1	73·4	72·7	73·0	73·5	73·5	73·7	73·4
	19	73·7	73·7	73·2	72·5	72·3	72·9	73·2	73·2	74·2	74·1	74·1	73·9	73·7	70·6	69·9	70·1	69·8	71·2	73·2	74·9	74·1	74·4	74·5	74·5	73·0
	20	74·6	72·5	73·9	73·9	73·8	74·7	73·6	73·9	73·6	71·9	70·3	69·9	69·5	69·7	69·3	68·7	68·3	68·9	70·1	70·6	72·3	73·7	71·1	71·1	71·7
	21	70·8	71·1	71·0	71·3	71·3	71·3	71·1	69·3	69·3	70·2	71·1	71·2	71·3	70·5	71·3	72·8	74·4	74·1	75·3	75·2	74·7	74·7	73·0	74·2	72·1
	22	74·6	74·2	74·0	74·2	74·7	75·2	75·2	75·0	75·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	23	—	—	—	—	—	—	—	—	—	75·1	75·0	74·9	74·7	74·4	75·3	76·2	76·8	77·0	76·9	76·7	76·2	77·0	76·5	76·9	75·5
	24	75·7	75·2	75·4	75·4	75·1	74·7	74·3	74·1	73·2	73·2	73·2	73·6	74·0	73·9	74·4	75·2	75·9	76·0	76·1	76·4	77·1	76·0	76·0	76·8	75·0
	25	76·7	75·7	75·7	75·9	75·0	74·9	74·9	74·8	74·2	74·2	74·3	74·1	73·9	74·2	74·2	75·8	76·4	76·2	76·4	75·6	75·5	75·2	75·2	75·1	75·2
	26	75·2	75·3	75·9	75·9	75·9	75·8	75·6	75·4	75·2	74·8	74·5	74·8	75·0	75·0	75·4	76·7	77·2	76·6	75·9	75·1	74·4	74·4	74·9	74·3	75·4
	27	73·9	73·4	73·4	73·1	72·2	72·5	72·0	71·6	71·3	70·8	70·3	69·6	68·8	68·3	68·3	70·0	70·1	70·3	71·1	71·4	71·4	71·8	71·6	71·9	71·2
	28	71·1	70·6	70·8	71·0	71·1	71·2	71·2	71·1	71·3	71·2	71·1	70·6	70·1	69·2	69·3	70·5	70·4	71·4	70·5	71·8	71·6	71·5	71·3	71·4	70·9
	29	70·5	71·0	71·3	71·4	71·1	71·0	71·0	71·3	71·1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	30	—	—	—	—	—	—	—	—	—	69·7	68·4	68·3	68·3	68·5	68·8	70·3	69·3	69·5	69·7	70·0	69·3	70·1	70·0	71·1	70·0
	Means	74·0	73·6	73·6	73·6	73·5	73·4	73·3	72·9	72·8	72·5	72·3	72·2	72·0	71·5	71·9	73·2	73·7	74·0	74·7	74·5	74·7	74·5	74·1	74·2	73·4
DECEMBER 1856																										
	1	70·7	70·4	70·5	71·3	70·8	70·3	70·5	70·3	70·3	69·9 *	69·6	69·5 *	69·3	69·8	70·1	71·0	69·3	69·3	69·5	70·1	70·5	70·1	69·5	70·3	70·1
	2	70·5	69·6	69·4	68·9	68·8	69·4	69·4	70·1	70·1	70·1	70·1	69·7	69·3	69·1	68·3	68·5	70·1	71·3	71·8	71·3	70·0	69·3	68·7	69·2	69·7
	3	68·3	68·5	68·3	67·8	67·7	67·7	67·5	67·6	68·3	67·8	67·4	67·4	67·3	67·8	68·1	68·3	69·8	70·5	70·3	71·0	70·9	70·0	70·8	71·1	68·8
	4	71·0	71·3	71·3	71·0	70·7	71·3	71·3	71·5	70·2	70·7	71·3	71·7	72·1	71·1	70·1	68·8	69·9	70·5	71·3	71·1	71·7	70·8	70·5	71·1	70·9
	5	68·5	68·2	67·7	68·1	68·0	67·3	67·3	67·8	67·5	68·1	68·8	69·5	70·1	70·3	70·7	71·3	72·3	72·9	73·2	72·8	73·1	72·3	73·1	71·5	70·0
	6	71·1	71·0	71·3	70·9	70·8	71·4	70·1	69·1	69·1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	7	—	—	—	—	—	—	—	—	—	69·0	68·9	69·1	69·3	69·3	69·3	67·3	66·9	66·9	67·3	67·3	67·3	67·6	69·4	69·5	69·1
	8	70·6	71·3	73·0	73·2	72·8	73·2	72·8	72·3	73·2	73·2	73·2	73·5	73·7	73·8	73·2	68·2	71·2	72·9	75·0	75·7	75·2	74·0	74·2	74·0	73·1
	9	73·0	73·5	73·2	73·0	72·9	72·3	72·8	72·4	72·8	72·3	71·9	72·1	72·3	71·9	71·1	72·1	72·3	73·6	73·1	74·9	75·3	75·9	75·4	76·0	73·2
	10	75·2	74·7	73·7	73·2	72·5	72·8	72·9	73·1	73·2	73·2	73·2	73·2	73·2	73·4	73·2	73·0	73·9	74·7	74·9	75·2	76·1	75·3	75·7	76·0	74·0
	11	74·7	73·7	73·7	73·4	73·5	74·5	72·8	73·2	72·5	72·8	73·2	73·3	73·4	73·2	73·0	74·6	75·2	76·0	76·1	75·9	75·0	75·2	75·7	75·2	74·2
	12	74·4	74·2	74·2	74·4	73·9	73·7	73·4	73·2	73·4	73·3	73·2	73·4	73·6	72·6	73·1	73·5	74·8	75·2	76·2	75·4	75·0	75·9	76·2	75·1	74·2
	13	74·4	74·0	73·8	73·3	73·7	73·4	73·4	73·4	74·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	14	—	—	—	—	—	—	—	—	—	73·6	73·0	72·9	72·8	72·8	72·6	73·2	73·7	74·2	74·2	74·4	75·0	74·4	74·1	74·0	73·7
	15	73·7	73·2	73·2	73·2	73·0	73·2	72·8	72·5	72·3	72·0	71·8	71·8	71·8	71·7	71·8	72·8	74·2	73·7	74·7	76·0	74·5	73·7	73·9	73·7	73·1
	16	73·0	72·3	72·5	72·5	72·5	72·3	72·3	72·7	71·3	71·0	70·8	70·7	70·6	69·3	69·8	72·3	72·5	72·8	73·2	72·8	72·5	72·4	72·3	72·0	71·9
	17	71·3	70·8	70·4	70·4	70·2	69·7	70·5	70·0	70·1	69·7	69·3	69·4	69·4	69·0	68·6	70·9	71·3	72·3	72·8	71·6	71·9	71·5	72·1	70·9	70·6
	18	70·5	70·2	70·2	70·4	70·5	70·5	70·3	69·9	69·4	68·8	68·3	67·8	67·3	67·3	67·3	68·5	68·3	69·3	70·1	70·2	69·4	69·7	70·0	69·2	69·3
	19	69·5	69·2	69·1	69·1	68·5	68·0	68·5	68·8	68·7	68·1	67·5	67·9	68·3	68·8	68·5	69·9	70·3	68·7	69·1	68·8	68·6	69·2	69·8	69·5	68·9
	20	68·1	68·4	68·2	68·5	68·5	69·1	69·3	69·6	69·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	21	—	—	—	—	—	—	—	—	—	70·0	70·8	70·2	69·5	68·3	67·3	68·9	69·5	68·3	68·8	69·2	70·3	69·8	69·3	68·7	69·1
	22	68·0	67·2	67·2	66·3	66·0	66·0	66·0	67·1	67·4	68·0	68·6	68·5	68·3	68·3	68·3	70·3	70·3	71·0	70·8	71·0	70·8	69·3	70·3	70·2	68·6
	23	70·3	70·6	70·8	71·0	70·5	70·5	70·5	70·0	68·8	68·6	68·5	68·3	68·1	67·8	68·1	69·5	70·7	70·3	71·1	70·3	71·5	70·7	70·5	69·5	69·9
	24	70·1	69·2	69·2	70·3	69·5	69·0	69·3	69·3	69·4	69·2	69·0	68·9	68·8	68·7	68·2	67·6	69·3	68·5	68·7	69·2	67·8	69·1	68·8	68·5	69·0
	25	69·3	69·1	69·2	69·3	69·3	70·0	70·0	70·4	70·1	69·7	69·3	69·1	68·9	68·3	68·4	68·5	70·0	70·7	71·6	70·5	71·1	70·3	70·1	69·4	69·7
	26	69·8	69·4	69·6	69·1	69·3	69·3	69·1	69·3	69·1	68·7	68·3	68·6	68·8	68·5	69·1	70·0	70·7	70·3	70·3	70·3	68·7	69·4	70·1	70·6	69·4
	27	70·5	71·0	70·7	70·9	71·0	70·8	70·5	70·5	70·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	28	—	—	—	—	—	—	—	—	—	69·3	68·3	67·8	67·2	66·9	66·4	67·9	69·0	69·5	68·6	70·0	69·3	69·2	69·5	69·0	69·3
	29	68·3	68·8	68·3	69·3	69·8	69·5	69·3	69·1	69·3	68·8	68·3	68·7	69·0	68·3	67·3	68·7	70·7	71·3	72·0	72·3	72·1	72·5	72·3	72·3	69·8
	30	72·1	72·3	72·3	71·7	71·5	71·6	71·7	72·3	72·3	72·3	72·3	72·2	72·0	71·8	71·5	72·1	73·0	74·2	74·2	74·4	73·2	73·4	74·2	74·6	72·6
	31	72·8	72·8	73·1	72·9	72·8	72·7	72·5	72·2	72·3	72·3	72·3	72·2	72·1	72·3	72·2	72·3	71·8	72·3	74·4	74·2	74·0	73·6	73·4	73·2	72·8
	Means	71·1	70·9	70·9	70·9	70·7	70·7	70·6	70·7	70·6	70·4	70·3	70·3	70·2	70·0	69·8	70·4	71·2	71·5	72·0	72·1	71·9	71·7	71·9	71·6	70·9

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR

HUMIDITY OF THE AIR—JANUARY 1856

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·85	0·84	0·84	0·87	0·87	0·85	0·86	0·87	0·88	*0·88	0·88	*0·89	0·90	0·92	0·93	0·89	0·79	0·75	0·76	0·67	0·72	0·71	0·72	0·73	0·828
2	·75	·81	·80	·82	·83	·84	·95	·91	·97	·96	·95	·96	·98	·95	·95	·89	·86	·77	·73	·67	·67	·67	·66	·65	·833
3	·68	·74	·79	·86	·92	·91	·92	·92	·93	·94	·94	·94	·95	·95	·95	·88	·80	·77	·64	·64	·63	·63	·62	·62	·815
4	·64	·71	·76	·84	·87	·89	·91	·89	·88	·89	·90	·92	·94	·94	·92	·86	·80	·74	·67	·64	·62	·61	·64	·67	·798
5	·70	·76	·78	·85	·90	·90	·90	·90	·94	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	·93	·91	·90	·90	·92	·94	·84	·77	·72	·63	·61	·61	·61	·63	·65	·800
7	·65	·73	·78	·83	·87	·90	·91	·91	·91	·92	·92	·91	·91	·94	·94	·86	·82	·72	·63	·64	·64	·64	·64	·66	·803
8	·70	·74	·86	·89	·90	·93	·90	·91	·91	·93	·94	·94	·95	·95	·95	·89	·82	·76	·72	·69	·69	·68	·70	·68	·835
9	·71	·77	·81	·87	·90	·92	·91	·91	·93	·94	·94	·94	·95	·93	·91	·93	·84	·79	·68	·62	·60	·61	·63	·65	·820
10	·66	·69	·79	·79	·84	·86	·86	·90	·91	·92	·92	·91	·90	·92	·90	·89	·79	·72	·69	·67	·68	·70	·67	·66	·802
11	·66	·74	·77	·80	·81	·85	·89	·90	·91	·94	·96	·95	·94	·94	·93	·91	·80	·72	·65	·65	·65	·62	·67	·68	·806
12	·70	·73	·77	·77	·80	·83	·83	·83	·86	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	·91	·95	·94	·93	·90	·89	·83	·74	·67	·66	·65	·65	·70	·68	·69	·788
14	·65	·72	·68	·71	·70	·73	·71	·70	·79	·85	·91	·89	·87	·89	·89	·79	·77	·73	·62	·60	·61	·63	·65	·65	·739
15	·63	·67	·71	·73	·71	·73	·77	·76	·82	·83	·84	·89	·95	·90	·94	·90	·78	·66	·64	·61	·66	·67	·67	·69	·757
16	·71	·71	·79	·79	·80	·87	·89	·91	·91	·92	·93	·93	·94	·95	·91	·91	·78	·75	·67	·66	·67	·66	·65	·66	·807
17	·69	·77	·84	·87	·85	·91	·94	·93	·91	·93	·95	·94	·94	·94	·95	·91	·81	·72	·61	·53	·57	·55	·57	·63	·803
18	·71	·78	·82	·82	·82	·82	·93	·91	·91	·92	·93	·93	·94	·91	·95	·90	·82	·74	·65	·58	·60	·61	·64	·67	·805
19	·68	·74	·74	·76	·77	·79	·86	·78	·83	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	·84	·85	·85	·86	·86	·88	·81	·75	·74	·70	·70	·72	·69	·71	·71	·776
21	·72	·72	·74	·76	·77	·78	·79	·81	·80	·82	·84	·87	·90	·91	·89	·82	·78	·71	·67	·67	·66	·64	·65	·67	·766
22	·68	·72	·77	·81	·84	·85	·89	·90	·91	·92	·92	·91	·91	·95	·93	·88	·76	·72	·67	·66	·66	·66	·66	·65	·801
23	·63	·70	·77	·83	·88	·89	·87	·88	·91	·91	·91	·91	·92	·91	·91	·90	·78	·69	·71	·64	·65	·63	·63	·65	·796
24	·64	·72	·79	·85	·86	·91	·91	·91	·91	·91	·90	·91	·92	·94	·92	·82	·81	·73	·63	·62	·63	·60	·62	·62	·795
25	·67	·70	·74	·75	·76	·79	·77	·80	·91	·91	·91	·90	·90	·92	·94	·83	·76	·70	·61	·60	·58	·58	·60	·61	·760
26	·62	·67	·77	·79	·81	·84	·83	·84	·90	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	·91	·91	·92	·93	·91	·92	·85	·78	·65	·69	·61	·59	·60	·61	·62	·774
28	·64	·68	·74	·75	·76	·75	·80	·81	·80	·80	·80	·85	·91	·91	·90	·86	·76	·73	·68	·68	·67	·70	·67	·69	·764
29	·71	·75	·76	·78	·79	·81	·82	·83	·83	·83	·82	·83	·85	·94	·91	·86	·83	·81	·71	·68	·69	·69	·68	·68	·787
30	·69	·72	·73	·74	·75	·83	·84	·86	·83	·87	·90	·91	·93	·94	·92	·84	·78	·76	·70	·69	·68	·68	·69	·73	·792
31	·75	·81	·83	·83	·84	·85	·86	·87	·85	·86	·86	·88	·90	·95	·93	·89	·80	·73	·69	·70	·72	·71	·75	·77	·818
Means	·686	·735	·777	·806	·823	·846	·864	·865	·883	·896	·903	·908	·919	·926	·922	·868	·792	·730	·671	·644	·649	·647	·656	·668	0·795

TENSION OF VAPOUR—JANUARY 1856

	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·752	0·745	0·740	0·748	0·746	0·728	0·730	0·743	0·749	0·744	0·739	0·735	0·732	0·725	0·733	0·753	0·764	0·755	0·752	0·708	0·734	0·725	0·709	0·719	0·738
2	·725	·724	·685	·689	·684	·677	·680	·641	·684	·670	·656	·657	·659	·640	·639	·686	·751	·749	·723	·664	·652	·694	·684	·676	·683
3	·673	·671	·681	·678	·679	·664	·667	·667	·659	·655	·651	·645	·639	·620	·611	·673	·704	·726	·635	·640	·652	·653	·645	·638	·659
4	·623	·647	·649	·651	·658	·659	·645	·636	·631	·617	·603	·598	·593	·587	·581	·653	·705	·707	·665	·658	·641	·636	·660	·678	·641
5	·677	·681	·651	·668	·660	·658	·642	·642	·651	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	·623	·595	·588	·582	·572	·586	·625	·670	·703	·647	·631	·645	·637	·650	·680	·640
7	·656	·669	·677	·659	·660	·654	·649	·644	·641	·635	·628	·616	·605	·605	·602	·655	·726	·727	·653	·657	·679	·673	·673	·688	·655
8	·702	·704	·699	·705	·684	·681	·661	·662	·666	·664	·662	·648	·635	·628	·635	·700	·753	·736	·715	·728	·713	·720	·710	·719	·689
9	·713	·734	·736	·725	·724	·718	·709	·688	·692	·692	·691	·684	·678	·661	·666	·707	·763	·776	·689	·634	·652	·669	·674	·681	·698
10	·672	·666	·702	·693	·658	·674	·667	·669	·664	·654	·644	·640	·637	·611	·604	·697	·739	·727	·702	·719	·711	·720	·707	·672	·677
11	·672	·705	·698	·690	·694	·696	·705	·706	·691	·691	·690	·688	·686	·669	·658	·706	·739	·741	·681	·687	·702	·645	·681	·690	·692
12	·690	·683	·685	·678	·693	·702	·693	·690	·678	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	·687	·695	·671	·647	·628	·637	·662	·691	·688	·683	·700	·701	·747	·712	·688	·685
14	·650	·681	·619	·640	·620	·641	·623	·606	·672	·680	·687	·660	·634	·636	·636	·645	·683	·716	·634	·644	·655	·672	·673	·656	·653
15	·626	·633	·654	·657	·640	·643	·671	·658	·653	·650	·647	·650	·653	·625	·650	·685	·745	·661	·658	·652	·703	·696	·690	·705	·663
16	·702	·676	·703	·705	·701	·713	·696	·693	·693	·693	·693	·683	·673	·653	·644	·664	·699	·752	·696	·730	·719	·707	·722	·711	·697
17	·743	·739	·718	·722	·694	·703	·699	·690	665	·659	·653	·647	·642	·633	·649	·710	·719	·725	·671	·651	·675	·659	·648	·683	·683
18	·724	·736	·736	·714	·704	·706	·724	·690	·664	·661	·658	·645	·633	·601	·635	·703	·736	·739	·692	·653	·660	·672	·696	·709	·687
19	·712	·701	·689	·690	·690	·672	·680	·660	·678	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	·698	·717	·716	·716	·716	·703	·704	·712	·731	·720	·711	·731	·723	·723	·715	·704
21	·695	·679	·683	·695	·700	·717	·722	·727	·709	·712	·714	·723	·732	·719	·704	·711	·747	·713	·713	·722	·718	·709	·702	·706	·711
22	·712	·697	·702	·699	·693	·677	·677	·678	·669	·661	·653	·659	·666	·660	·648	·714	·718	·747	·736	·703	·706	·731	·712	·701	·692
23	·676	·699	·723	·714	·695	·697	·679	·659	·682	·668	·653	·649	·645	·617	·626	·705	·738	·715	·721	·679	·695	·693	·691	·697	·684
24	·675	·691	·676	·673	·671	·660	·648	·645	·637	·631	·624	·615	·607	·612	·618	·622	·732	·711	·675	·670	·683	·660	·681	·675	·658
25	·705	·697	·694	·696	·693	·677	·651	·639	·664	·656	·648	·636	·625	·629	·628	·674	·735	·699	·660	·658	·666	·661	·652	·662	·667
26	·675	·664	·661	·666	·660	·647	·635	·634	·640	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	·644	·647	·639	·631	·629	·618	·634	·676	·682	·692	·662	·656	·667	·678	·682	·655
28	·683	·673	·685	·683	·683	·671	·708	·699	·685	·686	·687	·671	·655	·658	·657	·674	·728	·775	·739	·757	·755	·767	·749	·755	·703
29	·740	·734	·721	·721	·723	·729	·728	·729	·733	·718	·703	·704	·705	·719	·692	·738	·762	·773	·747	·740	·761	·748	·728	·731	·730
30	·715	·705	·683	·688	·687	·764	·769	·775	·725	·726	·727	·723	·719	·728	·690	·740	·792	·793	·769	·816	·805	·796	·767	·809	·746
31	·804	·808	·815	·786	·798	·801	·805	·798	·786	·789	·791	·785	·780	·784	·765	·816	·825	·808	·825	·820	·831	·832	·828	·843	·805
Means	·696	·698	·695	·694	·689	·690	·688	·680	·680	·676	·672	·666	·660	·651	·649	·691	·732	·732	·700	·692	·700	·700	·698	·703	0·689

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR

HUMIDITY OF THE AIR—FEBRUARY 1856

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·77	0·81	0·82	0·83	0·81	0·87	0·87	0·87	0·90	*0·91	0·92	*0·93	0·95	0·94	0·93	0·88	0·82	0·80	0·76	0·70	0·72	0·73	0·75	0·77	0·836
2	·83	·87	·84	·83	·81	·83	·85	·85	·87	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	—	·92	·96	·94	·93	·95	·94	·94	·86	·75	·72	·73	·70	·73	·73	·77	·840
4	·80	·80	·82	·84	·84	·83	·85	·85	·89	·91	·93	·93	·94	·94	·95	·88	·76	·71	·72	·72	·73	·74	·75	·80	·830
5	·85	·89	·85	·85	·83	·83	·84	·85	·86	·89	·91	·92	·94	·94	·93	·87	·82	·77	·75	·69	·68	·70	·66	·68	·825
6	·73	·76	·79	·80	·80	·79	·79	·81	·81	·82	·83	·83	·83	·94	·95	·91	·79	·74	·72	·68	·71	·72	·70	·73	·791
7	·75	·79	·79	·80	·81	·79	·81	·83	·83	·85	·86	·89	·93	·94	·92	·81	·76	·75	·74	·73	·71	·69	·72	·76	·803
8	·75	·78	·78	·79	·81	·81	·79	·82	·83	·84	·84	·84	·85	·90	·90	·91	·81	·73	·73	·76	·66	·72	·69	·77	·796
9	·75	·80	·82	·84	·83	·81	·81	·82	·84	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	·90	·96	·95	·95	·99	·94	·87	·79	·80	·73	·70	·72	·72	·70	·73	·824
11	·74	·80	·82	·81	·83	·83	·87	·85	·91	·93	·94	·93	·93	·95	·94	·87	·80	·78	·70	·72	·67	·72	·64	·70	·820
12	·68	·80	·80	·83	·86	·91	·91	·92	·97	·94	·91	·93	·95	·95	·95	·88	·78	·74	·62	·71	·74	·69	·74	·82	·835
13	·78	·86	·87	·86	·88	·91	·91	·93	·94	·97	·99	·98	·97	·94	·95	·90	·81	·70	·61	·67	·75	·66	·68	·74	·844
14	·73	·76	·76	·83	·86	·89	·86	·93	·95	·95	·94	·94	·95	·92	·94	·88	·77	·68	·57	·63	·62	·64	·52	·57	·795
15	·64	·76	·82	·83	·89	·89	·92	·95	·95	·95	·94	·94	·94	·95	·95	·89	·75	·70	·61	·60	·62	·71	·70	·69	·816
16	·78	·71	·77	·79	·87	·84	·86	·82	·87	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	—	—	·91	·95	·95	·95	·94	·95	·84	·76	·68	·67	·67	·69	·72	·69	·72	·808
18	·72	·74	·76	·77	·77	·79	·79	·79	·79	·81	·83	·85	·87	·90	·91	·83	·67	·66	·70	·73	·71	·69	·70	·71	·770
19	·74	·78	·79	·81	·82	·85	·86	·90	·93	·93	·92	·92	·93	·92	·93	·87	·85	·83	·69	·70	·71	·70	·75	·74	·828
20	·69	·71	·76	·77	·76	·81	·81	·83	·80	·85	·90	·90	·91	·91	·92	·85	·70	·69	·73	·63	·63	·63	·63	·64	·769
21	·67	·70	·70	·74	·75	·77	·75	·79	·86	·86	·86	·88	·91	·90	·93	·82	·72	·64	·63	·62	·61	·62	·76	·63	·755
22	·65	·68	·71	·75	·79	·82	·82	·82	·86	·87	·88	·89	·91	·90	·91	·81	·72	·65	·62	·66	·67	·62	·63	·63	·761
23	·63	·69	·70	·74	·76	·75	·79	·83	·82	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	—	·83	·84	·85	·86	·87	·88	·77	·70	·66	·64	·64	·63	·64	·66	·71	·745
25	·70	·73	·72	·73	·73	·78	·81	·73	·73	·73	·73	·77	·81	·83	·85	·78	·74	·75	·71	·70	·69	·68	·70	·70	·743
26	·73	·76	·80	·79	·81	·82	·83	·96	·89	·89	·89	·90	·92	·93	·93	·87	·78	·72	·70	·71	·68	·66	·69	·69	·806
27	·71	·76	·79	·80	·81	·82	·83	·83	·78	·84	·89	·90	·91	·93	·94	·87	·78	·67	·58	·71	·72	·66	·70	·75	·791
28	·76	·79	·80	·80	·81	·81	·85	·87	·88	·90	·91	·92	·93	·94	·93	·90	·76	·69	·66	·64	·61	·64	·66	·65	·796
29	·64	·69	·73	·72	·73	·77	·79	·81	·96	·95	·93	·91	·90	·93	·91	·85	·69	·63	·60	·61	·57	·61	·64	·65	·759
Means	·729	·769	·784	·798	·811	·825	·835	·850	·869	·886	·898	·904	·915	·926	·927	·862	·768	·717	·676	·682	·678	·682	·688	·710	0·800

TENSION OF VAPOUR—FEBRUARY 1856

	In.	In.	In.	In.	In.	In.	In.	In.	In.	*In.	In.	*In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	
1	0·808	0·799	0·791	0·786	0·775	0·817	0·806	0·801	0·813	0·797	0·780	0·779	0·778	0·755	0·721	0·782	0·837	0·830	0·814	0·811	0·835	0·859	0·836	0·854	0·803
2	·890	·881	·830	·807	·783	·794	·805	·803	·813	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	—	·817	·820	·802	·785	·791	·793	·811	·858	·812	·821	·843	·811	·838	·836	·856	·821
4	·853	·810	·809	·823	·808	·799	·797	·793	·804	·791	·777	·773	·770	·768	·783	·828	·799	·846	·839	·861	·872	·858	·872	·914	·819
5	·919	·906	·845	·833	·813	·801	·798	·801	·795	·799	·803	·785	·768	·789	·777	·834	·806	·814	·808	·793	·796	·828	·758	·763	·810
6	·786	·787	·782	·781	·779	·763	·764	·767	·775	·768	·760	·749	·738	·740	·765	·766	·821	·799	·799	·791	·786	·822	·791	·791	·778
7	·800	·806	·792	·782	·785	·770	·781	·781	·771	·783	·795	·783	·772	·772	.779	·803	·793	·812	·817	·824	·818	·824	·815	·819	·795
8	·817	·809	·775	·775	·772	·767	·753	·759	·760	·762	·763	·759	·756	·780	·779	·782	·801	·798	·806	·874	·758	·841	·778	·863	·787
9	·816	·813	·805	·807	·793	·775	·755	·757	·764	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	·760	·756	·752	·749	·750	·755	·800	·807	·861	·818	·834	·843	·858	·819	·835	·795
11	·827	·830	·833	·798	·801	·802	·811	·787	·788	·778	·768	·747	·726	·719	·737	·772	·809	·816	·826	·858	·845	·884	·799	·858	·801
12	·769	·830	·804	·819	·823	·858	·842	·826	·836	·786	·736	·731	·727	·723	·741	·781	·800	·826	·787	·903	·897	·829	·880	·930	·812
13	·853	·876	·856	·823	·813	·831	·809	·795	·780	·777	·774	·756	·739	·687	·695	·781	·802	·736	·719	·772	·883	·781	·794	·828	·790
14	·776	·764	·759	·762	·760	·754	·691	·726	·721	·706	·691	·681	·672	·639	·647	·718	·734	·709	·656	·749	·755	·775	·628	·677	·715
15	·725	·764	·779	·757	·762	·741	·737	·721	·698	·678	·657	·648	·640	·635	·636	·700	·699	·731	·713	·737	·745	·823	·799	·761	·720
16	·835	·716	·734	·722	·743	·686	·681	·649	·657	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	—	—	·668	·678	·669	·660	·654	·652	·702	·736	·718	·731	·762	·789	·812	·789	·809	.719
18	·800	·768	·771	·761	·750	·769	·756	·749	·749	·755	·760	·722	·684	·688	·710	·739	·705	·731	·804	·851	·799	·788	·799	·803	·759
19	·813	·820	·798	·812	·821	·833	·823	·808	·799	·778	·757	·748	·740	·726	·760	·773	·845	·862	·760	·789	·811	·797	·828	·812	·796
20	·758	·751	·764	·762	·738	·778	·778	·778	·765	·748	·731	·709	·688	·672	·682	·743	·709	·754	·813	·713	·726	·748	·727	·715	·740
21	·724	·727	·704	·722	·723	·710	·664	·661	·676	·655	·633	·631	·630	·603	·626	·680	·704	·674	·686	·699	·694	·712	·850	·700	·687
22	·706	·695	·701	·691	·672	·662	·653	·642	·648	·643	·637	·623	·609	·604	·608	·676	·705	·690	·666	·725	·720	·700	·685	·695	·669
23	·681	·698	·677	·706	·718	·688	·674	·688	·671	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	—	·652	·632	·633	·634	·619	·619	·669	·710	·707	·708	·731	·742	·733	·759	·797	·689
25	·784	·770	·744	·740	·741	·772	·790	·704	·703	·707	·710	·741	·773	·790	·811	·819	·801	·837	·818	·844	·841	·823	·831	·834	·780
26	·833	·821	·819	·799	·792	·811	·814	·820	·803	·785	·766	·769	·773	·760	·767	·819	·816	·834	·821	·830	·836	·814	·826	·815	·806
27	·802	·815	·807	·802	·803	·818	·819	·814	·796	·772	·748	·751	·754	·755	·793	·799	·810	·788	·753	·856	·882	·838	·844	·858	.803
28	·846	·838	·823	·810	·799	·791	·811	·825	·769	·764	·759	·748	·738	·719	·735	·781	·780	·761	·755	·759	·730	·771	·763	·760	·776
29	·738	·743	·745	·727	·729	·768	·762	·783	·820	·790	·760	·728	·697	·708	·712	·778	·714	·692	·687	·708	·702	·732	·759	·757	·739
Means	·798	·793	·782	·776	·772	·774	·767	·762	·759	·749	·738	·729	·720	·714	·723	·765	·776	·778	·769	·797	·797	·804	·795	·804	0·768

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR

HUMIDITY OF THE AIR—MARCH 1856

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·68	0·76	0·78	0·79	0·80	0·83	0·82	0·87	0·88	* —	—	* —	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	0·87	0·86	0·86	0·87	0·89	0·89	0·89	0·85	0·75	0·70	0·68	0·69	0·65	0·70	0·71	0·795
3	·73	·78	·80	·81	·82	·82	·83	·86	·87	·90	·92	·92	·93	·93	·92	·87	·80	·70	·66	·64	·66	·63	·63	·61	·793
4	·68	·70	·76	·78	·80	·83	·87	·87	·89	·89	·89	·91	·93	·93	·92	·87	·79	·69	·63	·64	·65	·62	·63	·64	·784
5	·69	·69	·73	·76	·79	·82	·84	·86	·87	·90	·93	·92	·92	·92	·91	·85	·76	·69	·66	·64	·62	·61	·65	·65	·778
6	·66	·70	·73	·75	·78	·79	·82	·87	·89	·89	·88	·89	·91	·93	·91	·85	·77	·67	·65	·67	·62	·64	·65	·62	·773
7	·65	·70	·75	·79	·83	·83	·87	·86	·88	·90	·91	·91	·91	·92	·91	·86	·76	·70	·66	·63	·64	·63	·63	·64	·782
8	·64	·69	·74	·78	·82	·83	·82	·83	·86	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	·89	·91	·91	·92	·92	·92	·87	·80	·74	·65	·63	·64	·62	·60	·67	·779
10	·70	·74	·78	·80	·80	·83	·82	·85	·89	·92	·95	·95	·96	·94	·92	·88	·82	·76	·75	·72	·71	·71	·72	·74	·819
11	·78	·82	·85	·87	·88	·89	·91	·92	·94	·95	·95	·95	·95	·96	·98	·94	·81	·71	·72	·72	·71	·70	·75	·74	·850
12	·74	·81	·85	·86	·88	·90	·92	·93	·95	·95	·95	·95	·96	·97	·96	·92	·80	·74	·71	·73	·68	·70	·69	·73	·845
13	·74	·80	·85	·84	·85	·89	·89	·89	·94	·91	·87	·87	·88	·93	·92	·87	·79	·75	·73	·72	·68	·74	·73	·72	·825
14	·74	·78	·80	·79	·81	·82	·85	·87	.91	·91	·91	·92	·93	·93	·93	·88	·82	·87	·75	·72	·68	·71	·72	·71	·823
15	·75	·79	·80	·77	·83	·85	·86	·87	·88	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	·90	·91	·91	·91	·91	·93	·84	·76	·70	·69	·70	·63	·66	·63	·69	·799
17	·74	·77	·79	·81	·81	·82	·81	·85	·86	·89	·91	·92	·94	·91	·91	·86	·79	·74	·67	·64	·65	·65	·66	·67	·795
18	·72	·73	·77	·79	·81	·83	·84	·85	·85	·86	·87	·89	·91	·91	·92	·87	·78	·69	·72	·68	·63	·65	·66	·70	·789
19	·69	·74	·75	·79	·79	·82	·80	·85	·85	·87	·88	·89	·90	·91	·90	·84	·72	·61	·55	·64	·66	·66	·68	·69	·770
20	·77	·81	·84	·84	·84	·85	·88	·88	·88	·90	·92	·89	·87	·85	·86	·74	·69	·60	·54	·59	·63	·64	·69	·74	·781
21	·78	·81	·83	·86	·85	·86	·88	·88	·90	·91	·92	·92	·93	·95	·93	·85	·77	·72	·72	·70	·70	·70	·71	·77	·827
22	·79	·83	·84	·84	·84	·87	·84	·85	·87	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	·90	·93	·93	·94	·97	·91	·84	·75	·65	·57	·62	·61	·60	·63	·65	·795
24	·71	·78	·84	·84	·86	·87	·90	·91	·95	·96	·96	·96	·96	·93	·91	·82	·72	·62	·53	·46	·57	·61	·51	·54	·780
25	·62	·73	·76	·80	·84	·83	·84	·83	·86	·88	·90	·88	·87	·86	·90	·81	·72	·67	·64	·62	·66	·64	·65	·68	·770
26	·68	·73	·76	·78	·80	·82	·85	·85	·90	·90	·89	·89	·90	·91	·89	·82	·68	·66	·64	·62	·62	·63	·65	·64	·771
27	·65	·71	·73	·74	·79	·80	·81	·83	·85	·87	·89	·89	·90	·91	·88	·76	·66	·66	·57	·61	·60	·59	·60	·65	·748
28	·70	·71	·74	·77	·81	·81	·89	·84	·89	·90	·91	·91	·91	·91	·89	·80	·75	·69	·68	·68	·66	·68	·68	·74	·790
29	·75	·79	·84	·83	·84	·84	·84	·83	·84	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	·88	·92	·92	·92	·92	·91	·86	·76	·74	·78	·68	·69	·70	·71	·67	·811
31	·72	·76	·80	·82	·82	·84	·84	·86	·87	·88	·88	·89	·91	·92	·90	·84	·79	·71	·72	·68	·70	·69	·68	·71	·801
Means	·712	·756	·789	·804	·823	·838	·852	·864	·885	·899	·908	·910	·917	·921	·913	·850	·766	·701	·665	·656	·653	·656	·663	·682	0·795

TENSION OF VAPOUR—MARCH 1856

	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·769	0·791	0·772	0·762	0·756	0·769	0·757	0·790	0·760	* —	—	* —	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	0·773	0·785	0·781	0·778	0·749	0·746	0·772	0·805	0·842	0·857	0·835	0·844	0·825	0·850	0·837	0·792
3	·845	·835	·829	·820	·825	·809	·805	·809	·786	·769	·751	·753	·755	·740	·740	·785	·802	·768	·758	·745	·762	·746	·749	·727	·780
4	·760	·747	·772	·773	·771	·744	·741	·725	·708	·694	·679	·683	·688	·670	·678	·723	·763	·741	·733	·751	·757	·738	·751	·752	·731
5	·772	·728	·732	·738	·754	·749	·745	·716	·702	·709	·715	·696	·677	·677	·671	·723	·740	·742	·731	·738	·712	·701	·741	·733	·723
6	·730	·734	·727	·737	·743	·731	·735	·725	·719	·694	·669	·671	·674	·688	·664	·717	·741	·709	·706	·726	·713	·709	·730	·677	·711
7	·701	·714	·724	·722	·717	·692	·708	·677	·665	·661	·657	·652	·648	·644	·640	·692	·718	·708	·733	·724	·744	·747	·727	·711	·697
8	·707	·698	·715	·717	·706	·683	·668	·651	·653	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	·706	·759	·744	·729	·719	·733	·805	·846	·818	·792	·773	·798	·778	·746	·792	·739
10	·799	·789	·792	·787	·788	·800	·791	·800	·789	·777	·765	·770	·775	·750	·749	·809	·889	·870	·902	·914	·897	·904	·898	·899	·821
11	·909	·894	·885	·889	·887	·889	·895	·893	·895	·874	·852	·833	·814	·821	·849	·906	·892	·862	·911	·905	·911	·884	·928	·882	·882
12	·869	·886	·873	·873	·877	·885	·884	·884	·850	·841	·832	·824	·817	·811	·799	·873	·873	·868	·859	·888	·855	·868	·847	·869	·859
13	·856	·865	·873	·849	·837	·855	·844	·855	·866	·846	·825	·815	·806	·803	·791	·833	·881	·881	·885	·883	·852	·906	·892	·853	·852
14	·856	·853	·822	·792	·810	·811	·819	·805	·801	·781	·760	·760	·760	·747	·754	·790	·864	·903	·896	·856	·853	·884	·886	·860	·822
15	·872	·855	·836	·807	·843	·845	·848	·854	·850	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	·836	·822	·808	·795	·783	·809	·844	·870	·856	·875	·899	·825	·860	·825	·857	·841
17	·886	·863	·859	·849	·833	·831	·819	·842	·851	·844	·836	·826	·817	·790	·804	·850	·887	·868	·850	·833	·850	·862	·848	·845	·843
18	·861	·842	·827	·834	·840	·846	·847	·853	·848	·838	·827	·828	·830	·810	·833	·875	·896	·866	·876	·886	·828	·865	·850	·881	·849
19	·829	·843	·818	·829	·820	·827	·810	·861	·845	·834	·822	·814	·807	·809	·828	·862	·829	·777	·752	·866	·861	·873	·909	·890	·834
20	·908	·920	·906	·903	·907	·910	·917	·917	·911	·917	·922	·891	·861	·792	·823	·840	·815	·785	·758	·852	·884	·893	·916	·953	·879
21	·949	·948	·926	·926	·915	·917	·922	·918	·925	·907	·888	·888	·888	·870	·883	·927	·943	·943	·953	·956	·952	·956	·958	·956	·926
22	·946	·954	·921	·900	·902	·909	·878	·876	·881	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	·881	·881	·876	·872	·881	·872	·898	·872	·844	·805	·884	·850	·836	·873	·866	·882
24	·884	·901	·915	·900	·902	·904	·916	·911	·902	·875	·847	·834	·821	·778	·811	·836	·835	·801	·744	·697	·800	·852	·695	·713	·836
25	·764	·823	·815	·838	·842	·835	·830	·815	·817	·799	·781	·758	·735	·721	·807	·828	·808	·827	·828	·802	·849	·806	·824	·825	·807
26	·800	·806	·799	·802	·797	·813	·822	·816	·784	·771	·757	·747	·738	·739	·754	·805	·764	·788	·793	·802	·802	·809	·821	·789	·788
27	·781	·788	·766	·766	·800	·794	·792	·781	·778	·760	·741	·731	·721	·734	·734	·765	·744	·769	·711	·771	·761	·761	·779	·818	·764
28	·852	·791	·783	·787	·808	·787	·816	·789	·790	·786	·782	·770	·759	·764	·776	·804	·842	·861	·875	·908	·895	·923	·915	·962	·826
29	·925	·921	·933	·896	·880	·878	·867	·841	·833	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	·842	·851	·845	·839	·818	·842	·900	·905	·950	1·006	·908	·916	·940	·950	·896	·891
31	·883	·890	·889	·891	·882	·900	·901	·900	·892	·888	·884	·874	·864	·853	·857	·894	·887	·886	0·899	·909	·911	·894	·882	·926	·889
Means	·835	·834	·827	·823	·825	·824	·822	·819	·812	·804	·796	·787	·780	·768	·779	·821	·835	·828	·826	·835	·834	·839	·838	·837	0·818

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

LIBRARY OF THE UNIVERSITY OF CALIFORNIA

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR

HUMIDITY OF THE AIR—APRIL 1856

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h m 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·74	0·76	0·83	0·84	0·82	0·84	0·85	0·81	0·86	*0·87	0·87	*0·89	0·91	0·92	0·86	0·79	0·72	0·72	0·68	0·70	0·64	0·67	0·68	0·69	0·790
2	·71	·77	·79	·79	·80	·83	·85	·84	·87	·90	·93	·92	·92	·92	·90	·81	·69	·63	·66	·63	·63	·61	·59	·65	·777
3	·72	·76	·80	·83	·84	·87	·87	·90	·90	·89	·88	·91	·94	·93	·90	·76	·64	·59	·55	·58	·60	·65	·61	·63	·773
4	·68	·75	·82	·83	·87	·89	·90	·89	·90	·92	·94	·94	·95	·93	·92	·80	·75	·68	·71	·68	·66	·67	·68	·70	·811
5	·75	·81	·83	·83	·84	·85	·87	·88	·92	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	·94	·95	·95	·96	·95	·93	·84	·74	·65	·57	·52	·59	·59	·60	·67	·793
7	·74	·81	·89	·88	·88	·89	·93	·94	·94	·95	·95	·95	·95	·92	·90	·78	·69	·69	·68	·65	·68	·66	·65	·66	·819
8	·71	·78	·86	·90	·91	·90	·90	·90	·89	·90	·90	·91	·92	·93	·92	·85	·78	·64	·67	·65	·62	·66	·71	·76	·815
9	·81	·85	·88	·88	·89	·88	·88	·88	·88	·89	·90	·90	·90	·89	·88	·80	·74	·69	·64	·64	·63	·66	·71	·67	·807
10	·79	·83	·88	·87	·86	·87	·88	·90	·88	·90	·91	·91	·91	·93	·94	·84	·72	·67	·66	·66	·73	·69	·74	·72	·820
11	·74	·78	·83	·84	·87	·86	·86	·87	·90	·91	·91	·90	·89	·92	·87	·81	·77	·73	·68	·70	·65	·64	·66	·69	·803
12	·70	·75	·81	·82	·82	·84	·84	·88	·88	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	·88	·88	·87	·86	·86	·82	·73	·67	·61	·64	·62	·65	·63	·65	·65	·765
14	·71	·78	·83	·83	·81	·79	·82	·80	·83	·74	·64	·72	·80	·80	·75	·71	·70	·61	·63	·66	·55	·49	·51	·55	·711
15	·65	·73	·77	·77	·82	·85	·86	·86	·88	·89	·90	·91	·92	·91	·88	·70	·58	·50	·45	·50	·49	·49	·56	·61	·728
16	·63	·74	·78	·81	·83	·86	·87	·88	·88	·87	·85	·87	·90	·91	·85	·74	·67	·66	·66	·58	·56	·61	·63	·68	·763
17	·69	·73	·77	·78	·79	·82	·86	·90	·85	·83	·81	·85	·90	·91	·88	·80	·72	·65	·59	·61	·58	·61	·63	·68	·760
18	·69	·71	·73	·75	·77	·79	·81	·83	·82	·85	·87	·87	·88	·88	·85	·78	·70	·65	·65	·64	·61	·59	·62	·64	·749
19	·68	·74	·77	·83	·80	·82	·82	·78	·84	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	·88	·92	·92	·92	·91	·84	·78	·70	·71	·65	·61	·60	·63	·59	·61	·765
21	·67	·78	·82	·86	·88	·88	·88	·91	·91	·91	·90	·90	·90	·89	·86	·82	·77	·71	·67	·66	·65	·65	·64	·65	·799
22	·68	·77	·81	·83	·88	·88	·88	·90	·90	·91	·92	·92	·93	·93	·86	·77	·66	·64	·64	·63	·64	·63	·68	·68	·790
23	·79	·81	·83	·87	·86	·87	·87	·88	·88	·89	·90	·89	·88	·87	·86	·77	·71	·63	·59	·53	·54	·53	·59	·58	·767
24	·70	·75	·83	·86	·87	·89	·88	·88	·88	·89	·89	·87	·85	·87	·83	·71	·60	·56	·60	·61	·62	·60	·65	·70	·766
25	·75	·82	·86	·87	·88	·86	·87	·89	·89	·89	·89	·90	·91	·91	·87	·80	·70	·60	·62	·63	·63	·63	·66	·69	·793
26	·62	·66	·68	·69	·69	·81	·81	·86	·88	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	·89	·90	·88	·86	·87	·81	·72	·64	·63	·60	·62	·60	·64	·69	·71	·740
28	·87	·86	·87	·87	·84	·83	·83	·87	·87	·86	·85	·87	·89	·90	·84	·76	·72	·68	·63	·62	·64	·65	·71	·68	·792
29	·72	·72	·79	·82	·82	·83	·83	·84	·82	·83	·83	·78	·73	·76	·72	·67	·60	·56	·48	·55	·56	·57	·63	·64	·712
30	·68	·76	·82	·84	·85	·83	·84	·79	·80	·78	·75	·78	·81	·82	·78	·68	·64	·56	·53	·47	·60	·63	·64	·67	·723
31																									
Means	·716	·770	·815	·830	·838	·851	·860	·868	·875	·879	·878	·884	·892	·894	·858	·770	·693	·640	·620	·613	·613	·618	·643	·664	0·774

TENSION OF VAPOUR—APRIL 1856

	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.*	In.	In.*	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·900	0·900	0·922	0·921	0·889	0·907	0·909	0·866	0·914	0·914	0·913	0·924	0·936	0·925	0·940	0·941	0·939	0·946	0·941	0·941	0·910	0·937	0·939	0·921	0·921
2	·918	·933	·891	·872	·869	·892	·897	·884	·910	·912	·914	·883	·853	·862	·904	·908	·863	·861	·922	·925	·915	·878	·842	·898	·892
3	·939	·921	·916	·925	·921	·944	·933	·942	·945	·932	·919	·927	·936	·910	·916	·876	·835	·836	·838	·881	·928	·957	·882	·890	·910
4	·907	·924	·929	·936	·963	·960	·947	·927	·923	·925	·927	·914	·902	·876	·923	·917	·900	·910	·975	·956	·919	·939	·941	·934	·928
5	·950	·951	·922	·914	·900	·903	·906	·891	·893	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	·905	·916	·914	·913	·896	·893	·893	·867	859	·837	·814	·900	·904	·935	·962	·902
7	·990	·985	·999	·970	·955	·958	·985	·983	·942	·934	·925	·914	·903	·870	·895	·881	·882	·925	·958	·957	·966	·944	·957	·938	·942
8	·950	·974	·990	1·001	·998	·978	·966	·957	·948	·948	·947	·939	·931	·940	·960	·982	·987	·912	·978	·963	·946	·959	·986	1·008	·964
9	1·014	1·014	·997	0·994	·982	·971	·965	·942	·950	·960	·970	·965	·960	·926	·957	·953	·922	·922	·899	·921	·948	·944	·977	0·952	·959
10	0·998	0·992	·989	·969	·945	·941	·943	·938	·919	·906	·892	·882	·872	·863	·892	·958	·903	·911	·924	·947	·978	·970	·990	·953	·936
11	·947	·953	·949	·945	·963	·942	·937	·930	·947	·934	·920	·903	·886	·900	·909	·953	·970	·976	·968	·994	·946	·921	·941	·961	·941
12	·944	·950	·951	·948	·944	·950	·939	·942	·950	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	·948	·945	·925	·905	·905	·909	·895	·905	·909	·963	·958	·957	·947	·952	·923	·936
14	·937	·959	·992	·993	·967	·948	·971	·940	·981	·860	·738	·766	·794	·812	·789	·800	·805	·749	·831	·923	·807	·770	·778	·789	·862
15	·872	·894	·888	·885	·919	930	·935	·927	·936	·934	·931	·924	·917	·888	·918	·858	·779	·746	·717	·780	·792	·767	·832	·864	·868
16	·889	·945	·949	·957	·959	·993	·997	·998	·973	·941	·909	·908	·907	·886	·937	·906	·884	·899	·961	·880	·829	·878	·901	·939	·926
17	·910	·920	·902	·900	·906	·918	·918	·899	·833	·807	·780	·803	·827	·816	·885	·904	·878	·866	·819	·850	·840	·858	·889	·923	·869
18	·905	·863	·844	·845	·846	·851	·819	·825	·811	·808	·805	·793	·781	·781	·819	·845	·842	·856	·888	·908	·881	·842	·880	·893	·843
19	·883	·908	·878	·929	·886	·885	·888	·824	·858	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	·876	·894	·897	·900	·886	·878	·907	·908	·950	·930	·915	·937	·943	·877	·873	·896
21	·904	·977	·957	·968	·970	·975	·948	·976	·976	·959	·942	·935	·929	·921	·951	·939	·948	·942	·926	·942	·957	·943	·919	·928	·947
22	·921	·964	·949	·954	·981	·964	·959	·972	·962	·962	·961	·955	·950	·940	·936	·941	·876	·889	·906	·925	·930	·921	·949	·939	·942
23	1·005	·983	·969	·994	·967	·969	·946	·948	·950	·965	·979	·950	·921	·903	·914	·946	·919	·891	·871	·856	·841	·814	·871	·837	·925
24	0·907	·941	·979	·994	·998	·992	·980	·977	·973	·968	·963	·939	·916	·924	·933	·894	·847	·867	·907	·938	·941	·938	·964	·979	·944
25	1·015	1·017	1·029	1·033	1·034	1·006	1·010	1·016	·999	·996	·992	·990	·989	989	1·003	·997	·975	·906	·961	·980	·990	·981	·960	·848	·988
26	0·754	0·784	0·781	0·781	0·775	0·899	0·899	0·926	·926	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	·946	·966	·941	·917	·925	0·928	·917	·862	·891	·866	·908	·906	·938	·966	·952	·890
28	·832	·806	·819	·815	·789	·794	·792	·808	·798	·785	·771	·777	·784	·807	·803	·795	·835	·833	·839	·877	·899	·902	·894	·857	·821
29	·884	·864	·909	·924	·924	·923	·917	·907	·888	·894	·899	·805	·712	·728	·751	·746	·761	·770	·708	·825	·854	·862	·899	·926	·845
30	·939	·986	·980	·985	·988	·977	·962	·892	·891	·840	·788	·798	·808	·810	·837	·845	·862	·820	·798	·773	·918	·909	·916	·937	·886
Means	·924	·935	·934	·937	·932	·937	·933	·924	·923	·914	·904	·895	·887	·880	·899	·900	·883	·879	·890	·905	·909	·906	·917	·916	0·911

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR

HUMIDITY OF THE AIR—MAY 1856

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·71	·76	0·79	0·83	0·84	0·83	0·81	0·82	0·84	0·84*	0·84	0·84*	0·84	0·86	0·91	0·88	0·90	0·67	0·68	0·71	0·67	0·65	0·67	0·71	0·788
2	·77	·80	·87	·84	·89	·88	·90	·96	·96	·92	·87	·89	·92	·90	·90	·83	·75	·70	·63	·59	.68	·69	·71	·74	·816
3	·81	·85	·85	·84	·82	·83	·82	·84	·84	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	·88	·92	·91	·90	·92	·87	·79	·78	·73	·70	·63	·65	·63	·66	·70	·799
5	·69	·74	·81	·82	·83	·84	·84	·85	·91	·90	·88	·89	·90	·89	·83	·79	·71	·72	·73	·70	·67	·68	·68	·71	·792
6	·76	·80	·83	·84	·81	·83	·84	·82	·86	·87	·87	·88	·89	·88	·78	·72	·67	·62	·64	·66	·63	·61	·61	·62	·764
7	·63	·73	·77	·79	·82	·88	·86	·85	·87	·85	·82	·83	·84	·80	·73	·70	·70	·62	·58	·64	·68	·65	·67	·65	·748
8	·71	·79	·82	·83	·83	·82	·72	·73	·73	·76	·78	·78	·79	·80	·76	·68	·63	·66	·65	·64	·60	·63	·61	·65	·725
9	·65	·75	·80	·82	·84	·87	·89	·88	·89	·90	·90	·90	·90	·89	·82	·74	·68	·60	·63	·61	·62	·63	·63	·63	·770
10	·66	·71	·80	·82	·85	·90	·87	·82	·80	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	·85	·90	·89	·89	·91	·87	·76	·67	·60	·58	·61	·61	·62	·65	·63	·761
12	·67	·77	·85	·85	·87	·86	·85	·84	·84	·84	·83	·85	·88	·88	·82	·72	·65	·59	·53	·58	·61	·60	·60	·62	·750
13	·64	·74	·83	·84	·83	·83	·81	·78	·76	·77	·77	·78	·80	·85	·81	·71	·63	·58	·52	·48	·52	·55	·57	·62	·709
14	·74	·77	·84	·84	·83	·79	·72	·69	·62	·63	·63	·67	·71	·73	·70	·57	·49	·47	·50	·56	·56	·60	·59	·63	·662
15	·66	·77	·83	·84	·82	·79	·78	·78	·74	·75	·76	·80	·84	·87	·91	·87	·87	·88	·85	·81	·81	·76	·73	·808	
16	·73	·78	·85	·85	·86	·85	·85	·87	·89	·90	·91	·91	·92	·90	·83	·77	·73	·77	·76	·72	·71	·69	·72	·74	·812
17	·74	·80	·86	·86	·87	·89	·90	·89	·92	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	·88	·84	·83	·82	·87	·91	·90	·90	·90	·88	·86	·85	·85	·82	·82	·861
19	·82	·85	·90	·88	·91	·94	·93	·87	·91	·94	·97	·96	·96	·96	·91	·86	·86	·84	·86	·92	·95	·96	·96	·96	·912
20	·94	·92	·97	·97	·93	·92	·93	·91	·91	·92	·93	·95	·97	·98	·97	·95	·97	·94	·91	·86	·85	·85	·80	·77	·918
21	·92	·92	·91	·92	·88	·91	·92	·92	·89	·91	·93	·94	·95	·95	·94	·92	·88	·82	·77	·74	·68	·68	·78	·79	·870
22	·82	·88	·91	·91	·94	·89	·88	·96	·95	·92	·89	·90	·92	·93	·88	·78	·72	·71	·73	·74	·70	·73	·71	·74	·839
23	·75	·79	·83	·86	·87	·91	·92	·92	·91	·89	·87	·87	·87	·85	·81	·76	·72	·62	·64	·59	·58	·58	·59	·68	·778
24	·71	·74	·84	·85	·88	·87	·88	·76	·74	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	·74	·74	·75	·76	·81	·80	·74	·69	·66	·61	·62	·55	·53	·56	·57	·725
26	·58	·59	·64	·64	·67	·70	·70	·73	·77	·79	·81	·83	·85	·86	·84	·78	·68	·59	·56	·51	·50	·53	·49	·57	·675
27	·54	·63	·66	·66	·71	·76	·77	·77	·73	·72	·70	·71	·72	·72	·67	·60	·58	·52	·49	·43	·43	·44	·52	·58	·627
28	·58	·66	·75	·78	·75	·70	·73	·71	·71	·71	·70	·70	·71	·70	·68	·63	·58	·53	·51	·47	·46	·44	·45	·46	·629
29	·47	·50	·56	·60	·58	·58	·53	·55	·57	·60	·63	·64	·66	·67	·66	·66	·57	·52	·50	·46	·44	·44	·46	·45	·554
30	·50	·49	·52	·53	·56	·53	·52	·54	·55	·58	·60	·60	·61	·62	·65	·60	·60	·49	·45	·45	·42	·42	·40	·39	·526
Means	·700	·751	·803	·812	·819	·823	·814	·810	·812	·818	·819	·827	·839	·846	·818	·758	·716	·667	·651	·640	·632	·634	·641	·660	0·755

TENSION OF VAPOUR—MAY 1856

	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.*	In.	In.*	In.	In.	In.	In.	In.	In.	In.	In	In.	In.	In.	In.	In
1	0·950	0·966	0·956	0·997	1·001	0·989	0·952	0·936	0·931	0·931	0·931	0·930	0·929	0·936	0·761	0·732	0·775	0·667	0·806	0·892	0·848	0·814	0·845	0·848	0·888
2	·884	·889	·933	·908	0·952	·950	·919	·935	·906	·856	·805	·817	·829	·828	·862	·890	·907	·903	·872	·850	·946	·920	·944	·970	·895
3	1·008	·995	·975	·956	·924	·929	·918	·933	·924	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	·927	·929	·918	·907	·930	·930	·949	·997	·992	·982	·913	·931	·917	·937	·960	·945
5	0·906	·942	·968	·966	·970	·973	·962	·968	·976	·968	·959	·950	·941	·908	·940	·945	·972	·982	·983	1·007	·962	·975	·977	·941	·960
6	·953	·981	·988	·991	·953	·974	·962	·938	·930	·920	·909	·901	·893	·889	·851	·862	·878	·869	·919	0·944	·897	·890	·878	·888	·919
7	·878	·927	·932	·930	·950	1·016	·986	·968	·971	·925	·879	·874	·870	·844	·837	·834	·905	·906	·875	·972	·967	·946	·921	·919	·918
8	·957	·968	·980	·989	·981	0·951	·829	·837	·808	·828	·848	·848	·848	·860	·856	·842	·848	·921	·957	·950	·927	·920	·899	·904	·898
9	·913	·950	·960	·967	·987	1·008	1·016	1·000	1·008	1·002	·995	·984	·973	·958	·962	·962	·933	·906	·948	·910	.946	·925	·923	·909	·960
10	·932	·940	·975	·986	·992	·034	·004	0·986	0·920	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	0·961	1·001	·992	·984	1·009	1·026	·953	·944	·935	·950	·970	·980	·953	·982	·956	·971
12	·990	1·035	1·031	1·022	1·032	·019	0·997	·979	·962	·942	0·922	·932	·942	0·952	0·956	·939	·957	·944	·909	·982	1·006	·971	·969	·963	·973
13	·961	0·990	·019	·015	·003	0·992	·959	·925	·906	·906	·906	·911	·916	·950	·951	·924	·925	·937	·916	·914	0·963	·963	·953	·938	·948
14	·988	1·001	·022	·027	·009	·961	·876	·855	·775	·779	·782	·803	·825	·845	·881	·797	·768	·804	·871	·902	·883	·941	·917	·948	·886
15	·960	·001	·018	·015	·002	·975	·972	·940	·921	·930	·938	·950	·962	·998	1·014	854	·823	·792	·829	·800	·784	·837	·819	·781	·913
16	·796	0·828	0·860	0·846	0·845	·833	·830	·830	·830	·820	·809	·805	·802	·805	0·834	883	·916	·999	·961	·945	·953	·945	·961	·956	·871
17	·950	·950	·964	·962	·961	·984	·972	·952	·985	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	·916	·847	·843	·839	·859	·880	·908	·902	·895	·913	·908	·938	·921	·873	·900	·918
19	·879	·916	·943	·892	·897	·902	·887	·853	·872	·875	·878	·856	·835	·855	·837	·870	·881	·900	·894	·911	·874	·851	·835	·847	·877
20	·855	·882	·887	·887	·896	·893	·883	·864	·864	·860	·855	·863	·871	·880	·889	·888	·958	·961	·944	·915	·913	·934	·949	·915	·896
21	·920	·909	·872	·870	·863	·891	·893	·893	·853	·861	·869	·882	·896	·888	·906	·916	·921	·909	·920	·945	·913	·915	·964	·941	·900
22	·929	·804	·849	·849	·916	·889	·873	·941	·902	·864	·825	·835	·846	·842	·878	·866	·856	·871	·920	·937	·881	·926	·892	·919	·880
23	·925	·929	·925	·930	·848	·889	·895	·881	·864	·860	·855	·840	·825	·803	·784	·801	·849	·798	·850	·799	·818	·837	·866	·884	·856
24	·876	·897	·933	·934	·945	·941	·949	·819	·792	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	·771	·750	·753	·756	·801	·808	·820	·809	·838	·845	·892	·827	·802	·830	·834	·843
26	·821	·788	·800	·776	·776	·791	·775	·788	·823	·829	·835	·838	·841	·838	·844	·877	·851	·797	·778	·751	·751	·806	·761	·832	·807
27	·782	·803	·841	·833	·820	·850	·848	·848	·808	·779	·749	·751	·753	·763	·739	·742	·749	·729	·723	·696	·692	·695	·729	·794	·772
28	·781	.844	·889	·909	·875	·828	·837	·802	·800	·780	·759	·755	·752	·744	·749	·748	·751	·736	·739	·717	·729	·726	·717	·726	·779
29	·723	·747	·787	·783	·750	·726	·653	·663	·672	·694	·715	·720	·726	·723	·761	·787	·730	·729	·767	·735	·743	·722	·754	·729	·731
30	·766	·742	·732	·724	·731	·677	·655	·661	·675	·685	·695	·693	·692	·694	·757	·731	·808	·696	·665	·713	·726	·713	·719	·680	·710
Means	·895	·909	·925	·922	·918	·918	·896	·883	·872	·864	·856	·856	·856	·862	·865	·858	·870	·862	·874	·880	·877	·876	·877	·880	0·881

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR

HUMIDITY OF THE AIR—JUNE 1856

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
May 31	0·39	0·41	0·45	0·52	0·50	0·54	0·55	0·55	0·55	— *	—	— *	—	—	—	—	—	—	—	—	—	—	—	—	—
1	—	—	—	—	—	—	—	—	—	0·58	0·61	0·61	0·62	0·63	0·68	0·63	0·58	0·53	0·48	0·47	0·43	0·41	0·42	0·40	0·522
2	·45	·45	·51	·51	·53	·55	·48	·47	·53	·54	·55	·56	·58	·67	·62	·57	·53	·51	·50	·51	·45	·44	·45	·57	·522
3	·61	·68	·82	·82	·85	·84	·84	·84	·75	·73	·71	·71	·72	·73	·72	·67	·62	·59	·52	·54	·50	·51	·53	·52	·682
4	·52	·63	·67	·74	·78	·73	·72	·69	·74	·75	·76	·75	·75	·73	·69	·69	·68	·63	·60	·59	·56	·61	·67	·67	·681
5	·75	·72	·78	·78	·83	·84	·82	·82	·84	·82	·80	·81	·82	·87	·84	·75	·68	·61	·56	·49	·49	·45	·45	·44	·711
6	·47	·54	·51	·60	·64	·58	·68	·68	·62	·68	·74	·69	·64	·63	·63	·60	·60	·56	·49	·48	·46	·46	·46	·46	·579
7	·43	·60	·66	·69	·69	·68	·70	·69	·70	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	—	·64	·58	·63	·68	·68	·66	·60	·54	·50	·49	·45	·45	·42	·40	·39	·581
9	·43	·45	·72	·70	·70	·55	·54	·59	·59	·61	·63	·65	·67	·70	·61	·57	·51	·49	·47	·45	·44	·44	·41	·40	·555
10	·46	·46	·59	·68	·70	·64	·58	·58	·61	·62	·62	·65	·68	·67	·68	·61	·56	·53	·51	·48	·47	·45	·44	·51	·574
11	·56	·55	·68	·79	·83	·75	·75	·80	·75	·75	·74	·74	·74	·73	·67	·64	·58	·55	·51	·47	·44	·43	·41	·42	·637
12	·44	·51	·56	·58	·49	·50	·51	·53	·55	·56	·57	·60	·64	·65	·63	·58	·55	·50	·47	·45	·43	·40	·41	·40	·521
13	·39	·41	·47	·69	·67	·70	·67	·66	·63	·64	·64	·65	·66	·68	·64	·55	·53	·50	·45	·45	·42	·48	·55	·65	·574
14	·55	·60	·68	·68	·72	·72	·80	·76	·78	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	·77	·76	·78	·80	·83	·78	·67	·59	·55	·49	·49	·46	·43	·43	·41	·647
16	·63	·69	·72	·81	·82	·80	·77	·78	·80	·80	·80	·76	·73	·73	·69	·64	·57	·51	·48	·43	·41	·39	·39	·37	·647
17	·42	·42	·68	·72	·76	·71	·76	·78	·73	·74	·75	·73	·72	·73	·72	·57	·50	·45	·46	·41	·39	·39	·46	·54	·606
18	·56	·56	·68	·72	·75	·77	·76	·76	·76	·77	·78	·78	·79	·79	·73	·67	·55	·49	·48	·45	·41	·41	·46	·59	·645
19	·63	·64	·69	·72	·76	·78	·81	·77	·73	·76	·79	·78	·78	·78	·79	·70	·61	·59	·56	·53	·51	·52	·52	·53	·678
20	·51	·67	·74	·75	·80	·78	·80	·79	·75	·83	·91	·89	·87	·89	·92	·90	·91	·85	·79	·80	·74	·71	·72	·71	·793
21	·73	·77	·84	·88	·88	·88	·90	·89	·90	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	·91	·91	·91	·91	·91	·91	·88	·77	·67	·61	·56	·57	·53	·53	·55	·783
23	·71	·71	·77	·78	·80	·81	·85	·80	·81	·82	·82	·81	·80	·86	·84	·78	·60	·57	·50	·50	·48	·46	·59	·65	·713
24	·62	·67	·70	·70	·70	·76	·80	·92	·86	·85	·84	·86	·88	·90	·85	·76	·72	·67	·61	·51	·48	·57	·62	·67	·730
25	·73	·79	·82	·84	·85	·84	·84	·86	·87	·91	·95	·92	·90	·86	·83	·83	·80	·77	·69	·65	·61	·57	·65	·70	·795
26	·70	·75	·82	·83	·81	·84	·88	·88	·89	·89	·88	·88	·88	·86	·82	·74	·65	·64	·53	·53	·47	·54	·63	·64	·749
27	·65	·72	·74	·80	·81	·86	·87	·88	·88	·89	·89	·88	·88	·91	·81	·67	·62	·57	·53	·50	·46	·44	·45	·54	·719
28	·57	·63	·71	·77	·77	·81	·81	·82	·82	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	—	·83	·83	·83	·84	·78	·73	·64	·63	·58	·55	·52	·59	·63	·68	·64	·709
30	·62	·67	·76	·81	·82	·82	·88	·93	·83	·87	·90	·91	·93	·89	·83	·74	·66	·61	·56	·53	·53	·54	·63	·65	·747
Means	·559	·604	·683	·727	·741	·734	·745	·751	·741	·752	·760	·760	·766	·773	·743	·679	·621	·578	·534	·509	·487	·486	·514	·539	0·658

TENSION OF VAPOUR—JUNE 1856

	In.	In.	In.	In.	In.	In.	In.	In.	In.	In. *	In.	In. *	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
May 31	0·648	0·654	0·666	0·725	0·694	0·712	0·706	0·687	0·689	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1	—	—	—	—	—	—	—	—	—	0·690	0·690	0·686	0·682	0·673	0·739	0·749	0·753	0·738	0·720	0·735	0·704	0·689	0·700	0·715	0·702
2	·748	·709	·733	·720	·746	·755	·640	·614	·662	·664	·665	·669	·674	·735	·714	·724	·702	·713	·721	·782	·731	·734	·743	·832	·714
3	·846	·851	·956	·951	·930	·904	·901	·902	·817	·789	·761	·758	·755	·743	·783	·786	·769	·768	·765	·795	·772	·771	·814	·809	·821
4	·782	·884	·853	·909	·934	·865	·855	·780	·806	·799	·791	·790	·789	·760	·744	·747	·772	·773	·776	·787	·812	·865	·895	·895	·819
5	·947	·856	·902	·902	·930	·927	·903	·883	·900	·873	·845	·841	·837	·879	·876	·870	·877	·854	·822	·767	·762	·717	·709	·673	·848
6	·707	·785	·703	·785	·806	·803	·820	·809	·741	·764	·786	·741	·696	·695	·700	·716	·756	·742	·715	·730	·720	·767	·746	·727	·748
7	·689	·762	·808	·831	·823	·807	·797	·782	·769	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	—	·736	·702	·719	·736	·740	·740	·780	·761	·754	·768	·726	·715	·738	·722	·709	·755
9	·705	·711	·947	·906	·906	·740	·717	·742	·730	·739	·747	·741	·736	·742	·727	·738	·722	·741	·758	·765	·762	·759	·739	·728	·760
10	·778	·775	·816	·849	·851	·804	·725	·727	·741	·743	·745	·760	·775	·765	·770	·766	·770	·773	·769	·766	·765	·760	·756	·809	·773
11	·835	·817	·877	·945	·964	·891	·866	·895	·822	·818	·813	·805	·797	·781	·745	·750	·755	·784	·777	·764	·733	·754	·696	·706	·808
12	·714	·757	·803	·786	·667	·674	·687	·703	·686	·684	·681	·698	·715	·723	·731	·754	·763	·747	·717	·718	·736	·724	·717	·700	·720
13	·692	·719	·752	·817	·839	·842	·816	·803	·759	·748	·737	·738	·739	·759	·736	·719	·737	·743	·707	·741	·730	·779	·827	·929	·767
14	·846	·846	·846	·846	·850	·867	·889	·797	·810	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	·816	·821	·826	·831	·861	·882	·830	·781	·798	·770	·800	·804	·776	·766	·725	·820
16	·901	·912	·914	·977	·967	·889	·878	·866	·871	·854	·836	·808	·780	·782	·780	·783	·755	·737	·737	·729	·726	·706	·735	·693	·817
17	·739	·692	·898	·916	·944	·859	·874	·851	·802	·796	·789	·772	·755	·760	·757	·720	·701	·678	·725	·677	·682	·703	·787	·844	·780
18	·833	·770	·855	·877	·885	·893	·892	·885	·861	·849	·837	·840	·844	·828	·837	·863	·764	·716	·762	·757	·747	·743	·801	·928	·828
19	·926	·909	·896	·892	·935	·936	·951	·908	·816	·836	·856	·847	·839	·827	·854	·826	·795	·781	·784	·744	·723	·766	·767	·780	·841
20	·761	·878	·912	·910	·936	·899	·920	·907	·842	·848	·854	·840	·826	·848	·873	·881	·864	·843	·881	·946	·897	·894	·929	·914	·879
21	·941	·948	·962	·960	·950	·941	·947	·918	·901	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	·911	·920	·905	·891	·915	·935	·936	·878	·845	·798	·794	·816	·818	·847	·877	·898
23	·951	·898	·919	·921	·920	·931	·955	·906	·892	·893	·894	·877	·860	·900	·904	·921	·836	·805	·746	·765	·797	·752	·862	·955	·878
24	·882	·881	·846	·833	·826	·882	·921	·959	·945	·924	·902	·907	·913	·910	·940	·938	·928	·937	·905	·771	·770	·861	·898	·936	·892
25	·949	·963	·960	·968	·971	·964	·939	·951	·966	·949	·931	·882	·834	·799	·786	·816	·832	·848	·855	·840	·847	·819	·890	·924	·895
26	·918	·908	·919	·922	·902	·925	·933	·929	·930	·921	·911	·897	·884	·852	·864	·869	·865	·887	·812	·808	·733	·786	·885	·920	·883
27	·894	·924	·905	·924	·927	·967	·969	·967	·958	·960	·961	·952	·944	·951	·905	·847	·822	·815	·816	·774	·765	·754	·796	·859	·890
28	·865	·901	·919	·946	·940	·957	·952	·956	·929	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	—	·929	·929	·921	·914	·845	·850	·805	·859	·857	·852	·860	·920	·941	·969	·938	·906
30	·899	·903	·946	·970	·980	·978	1·022	1·050	·815	·847	·878	·884	·890	·866	·868	·868	·843	·821	·816	·826	·850	·875	·943	·899	·897
Means	·823	·831	·866	·884	·885	·870	·864	·853	·825	·822	·819	·812	·805	·805	·809	·808	·795	·788	·780	·776	·770	·779	·805	·824	0·821

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR

HUMIDITY OF THE AIR—JULY 1856

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·64	0·62	0·66	0·70	0·72	0·74	0·73	0·80	0·85	*0·80	0·75	*0·78	0·82	0·78	0·77	0·75	0·73	0·67	0·64	0·59	0·54	0·55	0·52	0·55	0·696
2	·83	·87	·86	·85	·90	·88	·88	·90	·92	·90	·88	·87	·86	·80	·78	·78	·72	·62	·60	·57	·58	·58	·58	·61	·776
3	·67	·75	·73	·75	·78	·80	·81	·80	·83	·83	·83	·85	·88	·88	·88	·83	·77	·69	·65	·58	·60	·57	·55	·56	·745
4	·55	·74	·82	·82	·85	·85	·84	·83	·80	·81	·81	·84	·87	·90	·90	·92	·80	·79	·73	·64	·63	·66	·65	·72	·782
5	·74	·74	·81	·83	·82	·81	·83	·83	·84	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	·83	·82	·82	·82	·86	·88	·83	·73	·72	·69	·70	·70	·72	·74	·75	·786
7	·74	·77	·81	·83	·81	·80	·91	·89	·83	·84	·85	·83	·82	·83	·80	·75	·75	·73	·63	·55	·52	·60	·55	·57	·750
8	·53	·73	·78	·83	·83	·82	·82	·78	·79	·80	·81	·82	·83	·84	·82	·75	·67	·60	·56	·52	·49	·63	·75	·86	·736
9	·83	·86	·86	·86	·87	·80	·80	·80	·81	·84	·87	·83	·80	·81	·83	·79	·72	·69	·64	·59	·54	·54	·64	·69	·763
10	·65	·75	·81	·83	·85	·88	·89	·87	·87	·89	·90	·89	·88	·87	·90	·80	·75	·68	·63	·55	·55	·55	·54	·66	·768
11	·71	·74	·81	·83	·78	·79	·78	·76	·76	·81	·85	·86	·87	·88	·85	·77	·68	·58	·53	·51	·52	·48	·59	·61	·723
12	·70	·73	·77	·79	·84	·84	·79	·81	·85	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	·83	·80	·82	·85	·86	·84	·76	·70	·66	·59	·54	·50	·50	·48	·48	·722
14	·46	·51	·51	·53	·60	·63	·64	·66	·73	·73	·72	·72	·73	·70	·73	·68	·66	·64	·53	·53	·54	·52	·55	·52	·615
15	·56	·54	·61	·75	·77	·75	·79	·82	·79	·80	·80	·80	·80	·75	·72	·68	·60	·54	·52	·49	·50	·50	·48	·46	·659
16	·51	·55	·71	·74	·75	·81	·77	·77	·82	·84	·86	·85	·84	·83	·80	·76	·68	·58	·57	·55	·52	·46	·47	·46	·688
17	·56	·66	·73	·74	·79	·77	·77	·77	·77	·79	·80	·79	·78	·72	·66	·58	·52	·50	·50	·47	·42	·42	·54	·59	·652
18	·58	·64	·70	·72	·75	·76	·77	·77	·77	·79	·81	·80	·80	·82	·79	·68	·55	·51	·47	·46	·44	·43	·61	·62	·668
19	·61	·62	·74	·74	·70	·74	·77	·75	·78	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	·75	·72	·69	·66	·65	·63	·63	·60	·60	·54	·52	·50	·49	·52	·55	·646
21	·58	·59	·61	·61	·58	·58	·57	·63	·62	·64	·65	·64	·63	·68	·67	·65	·61	·56	·53	·46	·41	·42	·40	·44	·573
22	·46	·43	·47	·51	·53	·58	·57	·60	·58	·58	·57	·61	·66	·71	·65	·57	·54	·46	·44	·42	·42	·40	·40	·38	·523
23	·40	·40	·45	·59	·62	·58	·61	·61	·59	·62	·64	·66	·69	·63	·60	·53	·45	·46	·48	·42	·43	·40	·38	·41	·527
24	·42	·40	·44	·59	·67	·73	·74	·72	·67	·65	·63	·62	·61	·62	·65	·59	·54	·52	·51	·47	·46	·43	·44	·47	·566
25	·46	·47	·64	·78	·78	·78	·78	·77	·80	·79	·77	·74	·72	·65	·64	·62	·55	·53	·51	·53	·51	·48	·45	·46	·634
26	·45	·47	·50	·62	·75	·75	·70	·71	·78	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	·77	·75	·75	·76	·75	·73	·65	·60	·53	·50	·49	·46	·47	·56	·64	·631
28	·66	·68	·68	·81	·87	·85	·87	·89	·91	·91	·91	·91	·91	·90	·87	·78	·74	·68	·66	·63	·59	·61	·71	·76	·783
29	·80	·88	·88	·90	·86	·89	·88	·89	·89	·88	·87	·88	·89	·87	·90	·88	·83	·77	·71	·72	·71	·67	·65	·72	·826
30	·70	·80	·78	·80	·83	·91	·90	·92	·88	·89	·90	·89	·89	·91	·91	·88	·81	·74	·73	·69	·67	·62	·67	·66	·808
31	·69	·72	·90	·91	·89	·86	·86	·87	·87	·88	·89	·89	·90	·91	·89	·87	·81	·75	·67	·64	·62	·61	·62	·59	·796
Means	·611	·654	·706	·750	·770	·777	·780	·786	·793	·796	·795	·794	·799	·793	·781	·732	·671	·622	·584	·549	·532	·530	·557	·585	0·698

TENSION OF VAPOUR—JULY 1856

	In.	In.	In	In.	In.	In.	In.	In.	In.	*In.	In.	*In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·813	0·784	0·798	0·828	0·845	0·849	0·845	0·859	0·912	0·868	0·823	0·843	0·864	0·819	0·781	0·780	0·809	0·798	0·805	0·813	0·778	0·821	0·785	0·827	0·823
2	·911	·933	·920	·916	·919	·911	·913	·935	·937	·925	·912	·894	·876	·802	·805	·825	·856	·823	·818	·771	·784	·804	·808	·842	·868
3	·899	·886	·845	·849	·879	·897	·892	·831	·841	·831	·821	·831	·842	·842	·870	·868	·879	·817	·834	·768	·808	·771	·790	·818	·842
4	·802	·922	·946	·938	·946	·934	·931	·917	·830	·807	·784	·791	·798	·834	·842	·884	·891	·929	·927	·858	·875	·925	·929	·931	·882
5	·914	·895	·913	·919	·898	·865	·842	·841	·844	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	·840	·836	·823	·811	·845	·887	·892	·895	·905	·934	·958	·961	·946	·935	·949	·890
7	·936	·940	·928	·922	·887	·873	·896	·861	·800	·808	·816	·804	·792	·816	·784	·788	·794	·810	·772	·774	·802	·883	·855	·879	·843
8	·846	·932	·891	·953	·955	·924	·918	·859	·857	·863	·869	·868	·868	·871	·885	·912	·892	·862	·855	·843	·835	·934	·857	·924	·886
9	·922	·983	·945	·903	·879	·802	·804	·804	·813	·832	·850	·807	·765	·781	·814	·828	·835	·833	·838	·842	·786	·796	·895	·953	·846
10	·922	·915	·927	·947	·937	·888	·872	·853	·853	·865	·876	·869	·863	·858	·891	·891	·886	·864	·834	·790	·784	·780	·798	·925	·870
11	·927	·914	·951	·954	·866	·857	·824	·806	·806	·823	·839	·847	·855	·850	·859	·848	·849	·791	·753	·745	·761	·760	·866	·870	·843
12	·851	·864	·884	·855	·883	·871	·807	·805	·797	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	·800	·802	·824	·847	·851	·870	·896	·857	·864	·848	·820	·776	·798	·803	·800	·836
14	·770	·757	·702	·712	·789	·802	·781	·784	·837	·820	·802	·797	·792	·756	·808	·791	·807	·836	·739	·770	·814	·794	·846	·814	·788
15	·835	·789	·849	·928	·948	·918	·945	·948	·919	·908	·897	·889	·882	·816	·806	·783	·777	·778	·770	·765	·798	·797	·804	·769	·847
16	·804	·800	·929	·930	·939	·959	·915	·879	·865	·881	·897	·883	·870	·865	·891	·904	·845	·768	·819	·802	·804	·755	·823	·788	·859
17	·835	·924	·927	·933	·946	·923	·910	·910	·878	·885	·891	·875	·859	·779	·795	·760	·701	·714	·762	·758	·696	·739	·866	·900	·840
18	·858	·862	·863	·877	·893	·900	·878	·886	·878	·874	·869	·850	·832	·836	·857	·850	·745	·734	·708	·748	·760	·759	·916	·877	·838
19	·866	·852	·918	·906	·834	·863	·884	·860	·849	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	·827	·805	·774	·744	·720	·706	·721	·716	·755	·741	·754	·723	·721	·747	·768	·794
21	·773	·773	·765	·756	·722	·708	·698	·731	·719	·736	·753	·724	·696	·707	·708	·723	·738	·719	·709	·687	·662	·671	·644	·661	·716
22	·687	·633	·659	·685	·692	·726	·692	·709	·688	·672	·655	·672	·689	·703	·702	·698	·691	·658	·652	·678	·669	·669	·665	·644	·679
23	·663	·628	·661	·757	·760	·728	·736	·736	·719	·723	·726	·734	·742	·663	·657	·659	·596	·644	·655	·643	·674	·666	·644	·658	·686
24	·660	·616	·647	·757	·821	·881	·883	·835	·772	·746	·720	·693	·666	·666	·701	·680	·662	·665	·686	·672	·680	·645	·655	·710	·713
25	·692	·681	·805	·881	·875	·877	·867	·849	·859	·842	·825	·801	·778	·693	·703	·738	·695	·719	·700	·745	·772	·731	·740	·749	·776
26	·725	·704	·692	·796	·870	·873	·797	·800	·794	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	·778	·762	·767	·772	·734	·757	·767	·787	·724	·718	·761	·770	·774	·852	·872	·777
28	·855	·842	·815	·812	·822	·831	·853	·847	·853	·859	·865	·854	·844	·840	·855	·864	·829	·805	·842	·857	·836	·886	·952	·974	·854
29	·953	·973	·890	·959	·850	·825	·833	·844	·842	·837	·832	·834	·836	·827	·856	·863	·840	·808	·783	·822	·829	·830	·804	·855	·851
30	·833	·889	·835	·844	·840	·795	·805	·806	·786	·794	·801	·799	·798	·816	·836	·836	·862	·853	·872	·860	·849	·856	·880	·880	·834
31	·864	·878	·812	·835	·825	·818	·823	·825	·825	·830	·835	·835	·835	·836	·838	·853	·865	·867	·825	·823	·830	·826	·817	·784	·834
Means	·830	·836	·841	·865	·864	·855	·846	·838	·829	·825	·821	·814	·808	·794	·806	·811	·800	·790	·785	·782	·782	·790	·814	·830	0·819

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR

HUMIDITY OF THE AIR—AUGUST 1856

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·69	0·74	0·81	0·84	0·86	0·87	0·87	0·87	0·81	*0·83	0·85	*0·83	0·82	0·81	0·78	0·74	0·76	0·68	0·67	0·65	0·60	0·60	0·55	0·57	0·754
2	·55	·61	·75	·78	·80	·83	·85	·82	·82	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	—	·76	·70	·73	·77	·79	·76	·71	·66	·63	·60	·58	·55	·56	·54	·57	·697
4	·56	·69	·76	·78	·79	·80	·82	·84	·76	·75	·73	·71	·70	·76	·81	·73	·68	·58	·56	·49	·50	·50	·50	·69	·687
5	·72	·74	·78	·82	·82	·82	·80	·82	·83	·85	·86	·86	·86	·90	·91	·90	·81	·77	·68	·62	·57	·57	·67	·69	·778
6	·74	·74	·80	·82	·84	·86	·87	·88	·87	·87	·87	·85	·84	·85	·87	·84	·82	·70	·68	·65	·60	·60	·67	·68	·784
7	·68	·72	·78	·79	·82	·84	·85	·85	·84	·86	·88	·88	·88	·93	·86	·73	·67	·63	·57	·51	·48	·53	·60	·58	·740
8	·63	·66	·75	·76	·79	·80	·81	·80	·80	·82	·83	·84	·85	·86	·80	·73	·65	·61	·55	·57	·63	·64	·64	·67	·729
9	·69	·72	·76	·76	·76	·76	·76	·79	·79	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	·83	·86	·86	·87	·85	·84	·77	·71	·66	·60	·55	·59	·62	·66	·64	·738
11	·68	·69	·77	·79	·79	·81	·82	·84	·83	·85	·86	·84	·83	·83	·80	·73	·67	·60	·55	·48	·68	·67	·67	·67	·740
12	·66	·76	·84	·86	·88	·88	·88	·89	·90	·89	·88	·89	·91	·89	·86	·78	·76	·72	·66	·61	·60	·67	·67	·70	·793
13	·71	·76	·80	·81	·83	·84	·85	·84	·82	·82	·82	·83	·84	·85	·87	·78	·73	·70	·62	·63	·62	·63	·67	·65	·763
14	·70	·76	·77	·83	·78	·80	·81	·82	·85	·84	·83	·85	·87	·89	·87	·87	·83	·78	·71	·64	·62	·61	·61	·62	·773
15	·67	·77	·83	·84	·86	·86	·86	·88	·88	·85	·82	·80	·78	·81	·79	·70	·64	·58	·56	·53	·50	·51	·48	·61	·725
16	·69	·72	·74	·77	·79	·80	·84	·85	·86	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	—	—	·88	·90	·92	·95	·93	·90	·91	·93	·90	·85	·82	·80	·77	·75	·75	·834
18	·78	·81	·88	·89	·90	·88	·88	·89	·92	·93	·94	·92	·91	·89	·91	·92	·82	·83	·82	·81	·75	·73	·72	·72	·852
19	·79	·80	·88	·91	·91	·90	·91	·90	·89	·90	·91	·90	·89	·89	·90	·87	·85	·80	·77	·69	·69	·72	·73	·75	·840
20	·78	·80	·88	·88	·90	·93	·95	·93	·95	·96	·96	·95	·95	·95	·93	·91	·82	·74	·72	·68	·69	·69	·70	·74	·850
21	·79	·80	·90	·91	·88	·88	·88	·88	·92	·93	·94	·93	·93	·94	·93	·87	·77	·71	·69	·63	·61	·63	·62	·64	·817
22	·72	·76	·82	·85	·86	·85	·87	·89	·88	·90	·91	·92	·94	·91	·95	·84	·82	·77	·75	·73	·77	·77	·76	·76	·833
23	·75	·80	·86	·88	·89	·96	1·00	·96	·96	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	—	·94	·91	·92	·94	·93	·91	·86	·80	·76	·72	·70	·67	·67	·66	·73	·841
25	·74	·77	·80	·83	·83	·86	0·88	·89	·92	·90	·87	·89	·91	·87	·84	·81	·81	·80	·75	·72	·68	·63	·63	·71	·806
26	·78	·78	·81	·80	·81	·94	1·00	·99	·93	·93	·93	·93	·93	·95	·95	·91	·90	·90	·90	·91	·91	·88	·85	·79	·892
27	·77	·82	·87	·89	·92	·93	0·94	·95	·90	·91	·91	·93	·96	·96	·93	·89	·87	·82	·79	·75	·71	·71	·78	·78	·862
28	·81	·85	·87	·89	·88	·88	·90	·91	·91	·90	·89	·90	·92	·92	·94	·92	·85	·86	·87	·88	·82	·78	·77	·79	·871
29	·83	·86	·87	·87	·90	·87	·92	·93	·90	·91	·91	·90	·90	·91	·90	·85	·84	·80	·75	·70	·72	·71	·71	·71	·840
30	·72	·70	·74	·76	·77	·78	·83	·85	·87	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
31	—	—	—	—	—	—	—	—	—	·81	·74	·78	·82	·81	·75	·76	·73	·71	·69	·63	·61	·63	·63	·65	·740
Means	·717	·755	·812	·831	·841	·855	·871	·875	·870	·870	·866	·868	·876	·880	·868	·820	·777	·732	·695	·660	·653	·655	·663	·687	0·792

TENSION OF VAPOUR—AUGUST 1856

	In.	In.	In.	In.	In.	In.	In.	In.	In.	*In.	In.	*In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·866	0·890	0·927	0·817	0·845	0·845	0·855	0·853	0·794	0·807	0·819	0·799	0·779	0·760	0·772	0·784	0·840	0·811	0·847	0·850	0·842	0·831	0·790	0·839	0·828
2	·798	·850	·925	·884	·877	·896	·870	·838	·836	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	—	·779	·721	·732	·743	·749	·738	·747	·744	·743	·738	·753	·739	·770	·778	·807	·794
4	·803	·928	·900	·882	·881	·891	·894	·900	·820	·791	·762	·740	·718	·745	·800	·782	·796	·725	·740	·704	·719	·739	·758	·886	·804
5	·866	·855	·865	·888	·879	·876	·859	·880	·881	·883	·884	·880	·876	·881	·914	·940	·886	·878	·826	·797	·774	·800	·887	·884	·868
6	·897	·867	·889	·894	·900	·915	·913	·915	·903	·882	·861	·843	·825	·813	·825	·807	·844	·828	·822	·825	·801	·848	·889	·909	·863
7	·913	·923	·893	·884	·895	·900	·906	·898	·870	·879	·887	·885	·884	·804	·905	·808	·816	·830	·803	·749	·727	·818	·859	·822	·861
8	·864	·847	·882	·873	·890	·892	·895	·890	·891	·880	·868	·874	·880	·870	·861	·817	·834	·841	·825	·846	·884	·906	·899	·930	·872
9	·929	·907	·887	·864	·858	·799	·799	·814	·800	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	·834	·868	·875	·882	·863	·887	·901	·886	·885	·847	·826	·900	·915	·946	·926	·871
11	·916	·887	·912	·915	·902	·901	·913	·931	·925	·915	·905	·860	·816	·794	·804	·838	·839	·811	·809	·762	·875	·815	·904	·936	·870
12	·934	·956	1·003	·993	·981	·954	·948	·935	·947	·933	·919	·920	·921	·885	·891	·887	·930	·902	·873	·875	·907	·960	·959	·947	·932
13	·924	·931	0·915	·911	·925	·925	·915	·902	·856	·847	·838	·840	·842	·845	·879	·888	·889	·874	·833	·853	·892	·869	·867	·873	·881
14	·889	·904	·873	·926	·839	·830	·818	·810	·820	·807	·794	·797	·801	·819	·826	·853	·864	·866	·846	·823	·814	·831	·820	·829	·837
15	·874	·938	·933	·941	·954	·946	·890	·892	·882	·846	·810	·785	·760	·781	·821	·797	·779	·753	·757	·756	·750	·772	·727	·820	·832
16	·895	·895	·882	·908	·910	·922	·931	·927	·906	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	—	—	·873	·840	·857	·874	·867	·835	·852	·867	·857	·861	·842	·853	·850	·817	·816	·872
18	·848	·871	·908	·896	·898	·882	·883	·891	·893	·848	·803	·807	·811	·789	·822	·834	·771	·846	·827	·871	·831	·841	·839	·835	·848
19	·883	·860	·911	·841	·839	·834	·850	·834	·817	·817	·816	·803	·790	·798	·823	·827	·841	·838	·855	·839	·852	·855	·866	·903	·841
20	·925	·917	·942	·860	·849	·838	·845	·842	·845	·848	·851	·845	·839	·849	·864	·891	·894	·847	·865	·853	·889	·894	·907	·922	·872
21	·921	·913	·941	·944	·944	·935	·925	·912	·922	·910	·898	·893	·888	·895	·901	·944	·867	·866	·872	·843	·827	·868	·857	·893	·899
22	·941	·907	·929	·927	·930	·913	·909	·915	·905	·886	·866	·857	·849	·840	·896	·901	·932	·918	·958	·943	1·001	·965	·953	·927	·915
23	·913	·903	·936	·926	·897	·905	·915	·875	·877	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	—	·875	·872	·880	·889	·883	·864	·845	·838	·872	·864	·879	0·902	·889	·927	·955	·891
25	·908	·909	·922	·922	·899	·926	·942	·945	·916	·885	·863	·824	·795	·773	·767	·780	·821	·874	·881	·892	·877	·831	·860	·887	·870
26	·959	·892	·881	·870	·862	·901	·921	·911	·847	·844	·841	·844	·847	·867	·873	·841	·874	·884	·863	·872	·897	·908	·934	·904	·881
27	·910	·922	·903	·891	·894	·890	·899	·893	·862	·863	·864	·872	·881	·882	·879	·891	·910	·919	·940	·946	·924	·919	1·014	1·000	·907
28	·975	·959	·963	·957	·950	·935	·834	·843	·822	·827	·831	·841	·851	·847	·872	·893	·868	·914	·910	·927	·924	·911	0·914	0·917	·895
29	·930	·920	·894	·874	·890	·861	·893	·887	·862	·860	·857	·842	·828	·825	·834	·827	·872	·889	·862	·797	·837	·799	·802	·772	·855
30	·787	·747	·762	·758	·754	·772	·787	·793	·805	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
31	—	—	—	—	—	—	—	—	—	·764	·722	·753	·784	·771	·721	·740	·743	·752	·763	·718	·700	·738	·725	·757	·755
Means	·895	·796	·907	·894	·890	·888	·885	·882	·866	·853	·840	·836	·833	·831	·841	·843	·848	·847	·842	·832	·844	·852	·865	·881	0·862

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR

HUMIDITY OF THE AIR—SEPTEMBER 1856

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 0.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·68	0·70	0·70	0·70	0·71	0·71	0·75	0·76	0·73	0·74*	0·75	0·74*	0·74	0·74	0·74	0·69	0·63	0·62	0·60	0·60	0·52	0·50	0·51	0·53	0·670
2	·52	·57	·65	·65	·64	·67	·69	·68	·64	·68	·72	·72	·73	·73	·72	·65	·65	·60	·59	·57	·55	·48	·50	·44	·627
3	·48	·54	·61	·60	·61	·62	·62	·65	·67	·67	·66	·67	·68	·72	·72	·66	·62	·60	·56	·50	·51	·47	·47	·49	·600
4	·50	·54	·60	·67	·70	·64	·67	·74	·78	·82	·85	·83	·81	·87	·79	·75	·64	·60	·56	·55	·51	·61	·59	·62	·677
5	·67	·73	·78	·79	·77	·80	·83	·80	·84	·84	·84	·85	·87	·85	·86	·80	·71	·63	·61	·56	·52	·51	·53	·61	·733
6	·69	·67	·77	·83	·84	·85	·86	·84	·83	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	—	·87	·90	·88	·86	·87	·86	·82	·74	·64	·58	·54	·53	·61	·61	·61	·754
8	·67	·71	·75	·80	·83	·84	·85	·87	·88	·89	·90	·89	·89	·89	·89	·78	·69	·61	·58	·53	·55	·53	·56	·58	·748
9	·64	·71	·78	·78	·77	·77	·74	·77	·78	·80	·82	·84	·86	·89	·85	·72	·62	·56	·52	·49	·45	·47	·42	·44	·687
10	·47	·54	·76	·75	·77	·78	·81	·85	·87	·85	·83	·78	·74	·69	·69	·68	·60	·52	·49	·48	·46	·41	·46	·45	·655
11	·51	·53	·55	·59	·63	·70	·70	·70	·64	·64	·64	·65	·67	·69	·68	·64	·56	·52	·47	·45	·44	·44	·45	·43	·580
12	·43	·47	·54	·61	·59	·62	·63	·64	·62	·63	·64	·63	·62	·60	·59	·57	·52	·47	·46	·45	·46	·50	·49	·49	·553
13	·55	·59	·57	·58	·60	·61	·61	·67	·76	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	·82	·88	·87	·87	·85	·88	·85	·78	·79	·80	·74	·71	·71	·73	·75	·732
15	·81	·83	·86	·91	·86	·85	·88	·91	·86	·87	·88	·89	·91	·89	·85	·90	·80	·72	·69	·68	·64	·64	·65	·61	·808
16	·63	·74	·78	·84	·87	·85	·85	·85	·87	·86	·84	·85	·86	·87	·90	·73	·64	·56	·52	·51	·46	·45	·46	·59	·724
17	·61	·66	·70	·73	·78	·82	·82	·84	·84	·82	·80	·82	·84	·86	·86	·77	·64	·57	·52	·54	·54	·51	·49	·62	·708
18	·67	·71	·76	·79	·82	·81	·81	·78	·82	·82	·82	·83	·84	·86	·87	·77	·65	·58	·56	·54	·53	·49	·58	·59	·721
19	·59	·69	·74	·77	·77	·77	·78	·83	·82	·82	·81	·80	·80	·84	·83	·79	·69	·58	·50	·52	·51	·51	·50	·60	·703
20	·67	·73	·78	·78	·80	·82	·84	·85	·86	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	—	·86	·86	·86	·87	·88	·85	·76	·74	·71	·62	·54	·59	·63	·62	·63	·756
22	·69	·76	·79	·78	·80	·82	·84	·85	·86	·88	·89	·88	·88	·90	·86	·74	·70	·66	·58	·54	·54	·70	·77	·72	·768
23	·70	·75	·78	·81	·85	·83	·83	·87	·88	·88	·87	·89	·92	·92	·92	·88	·85	·76	·66	·63	·69	·70	·73	·74	·806
24	·76	·79	·85	·80	·85	·85	·85	·85	·84	·85	·85	·86	·87	·89	·91	·91	·85	·79	·73	·65	·65	·65	·58	·67	·798
25	·75	·78	·83	·86	·88	·88	·91	·93	·94	·90	·85	·87	·89	·91	·88	·86	·83	·74	·71	·67	·65	·67	·68	·70	·815
26	·76	·78	·80	·80	·82	·80	·89	·91	·90	·91	·91	·93	·95	·90	·87	·81	·77	·70	·68	·64	·61	·69	·67	·68	·799
27	·76	·80	·82	·83	·90	·90	·92	·94	·93	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	·92	·91	·91	·91	·91	·91	·91	·91	·87	·84	·78	·74	·65	·58	·57	·838
29	·65	·77	·84	·88	·88	·89	·92	·93	·95	·95	·95	·95	·95	·96	·95	·87	·82	·76	·72	·73	·74	·78	·73	·72	·845
30	·73	·79	·82	·84	·84	·86	·86	·87	·86	·88	·90	·92	·94	·91	·89	·82	·76	·69	·65	·65	·59	·64	·70	·73	·798
31																									
Means	·638	·688	·739	·760	·776	·783	·798	·815	·818	·826	·830	·831	·837	·842	·832	·774	·708	·648	·608	·580	·565	·575	·579	·600	0·727

TENSION OF VAPOUR—SEPTEMBER 1856

	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.*	In.	In.*	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·766	0·758	0·743	0·721	0·724	0·723	0·731	0·738	0·713	0·715	0·716	0·704	0·692	0·690	0·714	0·723	0·714	0·717	0·708	0·738	0·695	0·718	0·742	0·748	0·723
2	·723	·744	·770	·752	·733	·739	·744	·713	·669	·685	·700	·693	·686	·679	·680	·682	·702	·708	·722	·750	·763	·695	·697	·645	·711
3	·683	·728	·745	·718	·720	·712	·687	·702	·700	·685	·669	·678	·688	·711	·716	·710	·712	·734	·723	·700	·716	·688	·695	·725	·706
4	·738	·731	·771	·823	·829	·750	·752	·773	·848	·876	·903	·897	·892	·879	·828	·843	·775	·775	·758	·779	·727	·812	·798	·827	·808
5	·857	·885	·892	·887	·858	·895	·913	·874	·896	·899	·902	·905	·909	·873	·899	·916	·882	·839	·820	·791	·753	·725	·759	·841	·861
6	·892	·851	·914	·966	·968	·981	·967	·939	·907	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	—	·913	·919	·883	·849	·839	·851	·883	·899	·834	·801	·760	·779	·834	·851	·870	·881
8	·867	·879	·908	·947	·958	·952	·953	·947	·939	·922	·904	·888	·872	·861	·864	·839	·808	·766	·770	·735	·785	·756	·806	·830	·865
9	·853	·881	·893	·881	·869	·848	·799	·823	·813	·820	·827	·836	·845	·858	·850	·806	·741	·703	·700	·708	·666	·719	·648	·681	·795
10	·715	·734	·934	·897	·890	·890	·902	·912	·910	·889	·868	·813	·758	·692	·699	·736	·710	·665	·662	·659	·666	·631	·687	·644	·773
11	·681	·680	·676	·707	·726	·750	·740	·740	·703	·700	·697	·702	·708	·723	·703	·694	·675	·649	·626	·622	·609	·610	·634	·618	·682
12	·602	·620	·662	·703	·680	·691	·693	·694	·672	·676	·680	·673	·646	·617	·615	·649	·638	·626	·651	·649	·646	·679	·681	·664	·659
13	·719	·757	·721	·708	·727	·725	·711	·736	·787	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	·850	·913	·883	·853	·827	·843	·842	·853	·881	·913	·901	·924	·979	·950	·917	·830
15	·928	·922	·923	·952	·930	·918	·940	·957	·891	·888	·884	·860	·836	·830	·813	·834	·842	·858	·854	·852	·847	·833	·904	·829	·880
16	·849	·911	·903	·957	·969	·918	·909	·898	·909	·882	·855	·852	·850	·855	·881	·809	·736	·695	·675	·676	·636	·621	·670	·789	·821
17	·779	·789	·789	·802	·829	·856	·854	·872	·866	·849	·832	·838	·844	·841	·850	·856	·777	·735	·696	·742	·774	·770	·741	·824	·809
18	·863	·860	·886	·919	·929	·914	·901	·847	·891	·875	·859	·851	·843	·851	·878	·848	·775	·754	·757	·748	·751	·722	·834	·811	·840
19	·799	·857	·873	·884	·869	·862	·860	·905	·864	·838	·811	·807	·803	·842	·864	·882	·824	·735	·701	·739	·702	·714	·752	·848	·818
20	·893	·891	·904	·898	·897	·903	·906	·915	·921	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	—	·886	·851	·852	·853	·870	·853	·846	·891	·886	·823	·771	·835	·872	·876	·871	·874
22	·884	·905	·910	·888	·895	·894	·900	·898	·876	·883	·890	·886	·882	890	·864	·855	·876	·873	·840	·824	·822	·905	·855	·856	·877
23	·858	·888	·895	·904	·924	·878	·872	·901	·887	·882	·877	·886	·895	·894	·899	·882	·879	·905	·883	·831	·872	·884	·916	·899	·887
24	·900	·908	·918	·864	·919	·915	·904	·892	·872	·846	·819	·819	·819	·836	·849	·870	·842	·842	·844	·801	·815	·851	·780	·875	·858
25	·910	·915	·917	·923	·911	·912	·920	·926	·942	·899	·856	·849	·842	·836	·846	·846	·868	·867	·880	·882	·871	·908	·902	·906	·889
26	·912	·890	·886	·883	·891	·802	·833	·843	·860	·863	·866	·869	·873	·829	·823	·828	·850	·858	·861	·887	·897	·907	·937	·902	·869
27	·929	·922	·867	·860	·934	·916	·939	·956	·940	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	·896	·851	·843	·836	·836	·809	·809	·818	·861	·885	·896	·882	·815	·740	·741	·866
29	·834	·878	·900	·911	·893	·897	·906	·901	·896	·899	·902	·889	·877	·887	·931	·913	·950	·931	·927	·936	·955	·981	·926	·914	·910
30	·912	·923	·918	·922	·917	·920	·921	·924	·917	·924	·931	·940	·949	·833	·831	·838	·833	·808	·815	·858	·811	·897	·915	·942	·892
Means	·821	·835	·851	·857	·861	·852	·852	·855	·850	·844	·838	·831	·823	·815	·817	·817	·803	·789	·781	·778	·777	·790	·796	·808	0·823

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR

HUMIDITY OF THE AIR—OCTOBER 1856

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·76	0·78	0·81	0·80	0·83	0·82	0·83	0·88	0·90	*0·91	0·92	*0·94	0·96	0·92	0·91	0·89	0·83	0·75	0·65	0·64	0·68	0·70	0·72	0·71	0·814
2	·72	·78	·83	·86	·89	·86	·88	·88	·95	·92	·89	·92	·96	·95	·94	·88	·82	·77	·92	·88	·82	·76	·75	·73	·857
3	·83	·86	·89	·91	·92	·91	·91	·92	·95	·94	·93	·94	·95	·96	·94	·90	·81	·77	·66	·69	·74	·79	·81	·79	·863
4	·81	·84	·87	·89	·90	·91	·93	·93	·92	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	·93	·94	·94	·95	·96	·94	·86	·75	·73	·73	·72	·69	·68	·70	·71	·843
6	·77	·78	·81	·81	·85	·86	·91	·92	·94	·93	·92	·94	·96	·96	·95	·88	·78	·76	·76	·74	·73	·70	·71	·71	·837
7	·75	·78	·84	·88	·88	·90	·92	·88	·92	·93	·94	·94	·95	·95	·92	·94	·80	·80	·79	·79	·76	·77	·77	·76	·857
8	·76	·83	·86	·87	·88	·85	·89	·92	·87	·85	·83	·83	·83	·87	·92	·92	·94	·91	·93	·93	·91	·91	·89	·89	·879
9	·90	·91	·95	·95	·96	·87	·90	·90	·94	·95	·95	·93	·92	·91	·90	·96	·92	·87	·86	·84	·82	·83	·84	·88	·902
10	·86	·87	·91	·88	·85	·82	·80	·81	·80	·79	·78	·81	·84	·83	·84	·81	·78	·72	·70	·63	·59	·59	·58	·62	·771
11	·61	·72	·80	·80	·81	·84	·89	·88	·89	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	·90	·91	·93	·96	·93	·93	·87	·73	·67	·59	·48	·53	·54	·49	·55	·760
13	·66	·74	·82	·86	·88	·88	·91	·91	·96	·96	·95	·95	·95	·96	·93	·88	·82	·74	·59	·66	·69	·70	·69	·67	·823
14	·69	·78	·83	·87	·91	·92	·92	·93	·93	·94	·94	·95	·96	·96	·96	·85	·82	·74	·63	·59	·62	·61	·56	·63	·814
15	·69	·78	·83	·87	·86	·92	·91	·93	·92	·93	·94	·95	·96	·96	·94	·89	·80	·71	·60	·56	·54	·61	·63	·67	·808
16	·69	·71	·74	·76	·84	·82	·84	·85	·86	·88	·90	·90	·91	·91	·89	·86	·71	·63	·59	·64	·63	·60	·61	·65	·768
17	·71	·79	·82	·83	·87	·89	·92	·92	·92	·92	·92	·92	·92	·92	·91	·90	·84	·85	·82	·75	·76	·76	·80	·84	·854
18	·93	·93	·91	·91	·93	·93	·93	·88	·86	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	·88	·90	·91	·93	·95	·94	·89	·81	·76	·73	·67	·60	·54	·61	·70	·835
20	·73	·73	·81	·83	·88	·92	·91	·91	·91	·92	·93	·93	·93	·94	·95	·89	·80	·75	·64	·61	·63	·62	·64	·67	·812
21	·66	·75	·80	·80	·83	·84	·86	·86	·87	·88	·88	·91	·95	·95	·92	·85	·77	·70	·62	·52	·51	·61	·65	·65	·777
22	·63	·73	·79	·81	·83	·83	·83	·85	·89	·89	·89	·89	·90	·91	·90	·86	·80	·74	·67	·61	·64	·68	·71	·75	·793
23	·78	·82	·89	·89	·90	·91	·91	·94	·95	·94	·93	·92	·91	·96	·93	·84	·80	·73	·67	·57	·58	·61	·60	·59	·815
24	·67	·67	·77	·81	·78	·82	·83	·85	·89	·89	·89	·90	·91	·92	·91	·76	·73	·69	·54	·52	·50	·52	·51	·52	·742
25	·54	·59	·62	·63	·67	·69	·68	·73	·81	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	·82	·83	·84	·86	·75	·85	·74	·68	·63	·59	·59	·53	·55	·58	·59	·683
27	·63	·64	·69	·70	·71	·77	·81	·86	·87	·88	·89	·88	·87	·90	·89	·81	·73	·64	·62	·63	·62	·62	·60	·67	·747
28	·71	·71	·75	·76	·78	·82	·90	·88	·89	·89	·88	·90	·92	·92	·91	·82	·73	·66	·58	·59	·62	·59	·61	·63	·769
29	·69	·71	·74	·78	·81	·85	·85	·87	·89	·90	·91	·91	·91	·91	·88	·81	·72	·62	·52	·51	·56	·57	·60	·59	·755
30	·63	·64	·71	·72	·75	·78	·80	·82	·84	·87	·89	·89	·90	·91	·90	·82	·72	·67	·59	·61	·62	·63	·68	·63	·751
31	·68	·77	·80	·82	·84	·84	·85	·86	·87	·91	·94	·93	·92	·93	·90	·81	·80	·73	·70	·65	·65	·67	·70	·69	·802
Means	·722	·764	·811	·826	·846	·854	·871	·880	·897	·902	·904	·911	·922	·923	·915	·859	·787	·731	·677	·653	·651	·658	·668	·685	0·805

TENSION OF VAPOUR—OCTOBER 1856

	In.	In.	In.	In.	In.	In.	In.	In.	In.	*In.	In.	*In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·936	0·919	0·917	0·883	0·911	8·888	0·890	0·911	0·780	0·813	0·846	0·839	0·833	0·812	0·830	0·861	0·908	0·889	0·824	0·846	0·915	0·942	0·946	0·916	0·877
2	·891	·905	·922	·917	·933	·936	·944	·943	·985	·922	·859	·881	·904	·900	·906	·921	·952	·948	·902	·863	·916	·936	·946	·887	·917
3	·957	·851	·852	·858	·874	·858	·859	·857	·867	·861	·855	·854	·854	·875	·901	·905	·892	·893	·865	·928	·987	·994	1·014	·972	·895
4	·958	·939	·947	·932	·917	·920	·910	·906	·894	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	·906	·918	·919	·920	·904	·928	·899	·845	·878	·927	·930	·912	·900	0·917	·887	·913
6	·940	·914	·919	·904	·921	·924	·921	·911	·912	·906	·900	·905	·910	·904	·916	·940	·914	·931	·934	·946	·952	·909	·918	·919	·920
7	·934	·919	·943	·949	·949	·947	·944	·888	·923	·927	·930	·931	·932	·932	·909	·946	·830	·851	·857	·917	·938	·910	·908	·890	·917
8	·877	·922	·929	·922	·925	·913	·923	·931	·832	·794	·755	·761	·767	·771	·806	·814	·822	·809	·845	·861	·864	·870	·875	·869	·852
9	·877	·864	·880	·874	·869	·800	·815	·807	·849	·849	·849	·844	·839	·836	·834	·847	·847	·839	·855	·870	·880	·892	·878	·882	·853
10	·864	·855	·874	·842	·800	·758	·729	·718	·704	·696	·688	·696	·704	·695	·715	·745	·775	·779	·822	·766	·765	·784	·780	·825	·766
11	·792	·849	·859	·818	·805	·830	·872	·856	·858	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	·861	·864	·870	·876	·836	·863	·883	·815	·789	·755	·643	·727	·729	·661	·718	·810
13	·838	·866	·894	·882	·874	·840	·841	·818	·847	·846	·845	·831	·818	·820	·864	·908	·926	·897	·768	·870	·916	·906	·904	·858	·862
14	·854	·893	·898	·904	·896	·887	·874	·872	·864	·850	·836	·830	·824	·820	·870	·863	·909	·884	·786	·781	·828	·820	·772	·821	·851
15	·863	·914	·902	·909	·893	·887	·868	·862	·874	·866	·858	·854	·850	·845	·878	·906	·889	·853	·766	·741	·759	·814	·831	·845	·855
16	·854	·817	·818	·820	·843	·817	·817	·813	·805	·803	·801	·802	·804	·786	·833	·876	·785	·746	·773	·833	·831	·793	·795	·807	·811
17	·846	·877	·888	·896	·909	·906	·904	·906	·893	·894	·895	·896	·897	·881	·848	·881	·878	·931	·926	·894	·899	·867	·890	·919	·893
18	·765	·773	·754	·751	·767	·767	·777	·744	·733	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	·784	·834	·847	·861	·874	·889	·899	·893	·871	·866	·823	·735	·706	·799	·841	·806
20	·843	·809	·829	·823	·846	·832	·816	·816	·816	·809	·802	·798	·794	·793	·823	·872	·859	·872	·777	·769	·804	·793	·761	·815	·815
21	·769	·817	·810	·802	·814	·785	·789	·775	·799	·793	·786	·802	·819	·812	·839	·845	·850	·827	·769	·670	·669	·829	·840	·820	·797
22	·755	·809	·838	·821	·827	·816	·806	·827	·855	·839	·823	·803	·784	·781	·804	·846	·846	·869	·817	·798	·833	·850	·864	·869	·824
23	·880	·894	·896	·875	·856	·864	·858	·844	·846	·847	·847	·842	·837	·841	·858	·847	·884	·866	·847	·747	·745	·753	·763	·716	·836
24	·766	·762	·794	·814	·768	·784	·788	·773	·792	·793	·793	·787	·782	·771	·807	·766	·816	·785	·648	·656	·623	·650	·624	·628	·749
25	·624	·653	·647	·654	·689	·697	·685	·695	·704	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	·695	·685	·682	·680	·642	·693	·707	·713	·683	·671	·700	·627	·646	·674	·680	·676
27	·678	·679	·693	·697	·708	·736	·749	·751	·749	·739	·728	·715	·702	·709	·724	·754	·775	·717	·723	·773	·755	·745	·714	·782	·729
28	·788	·758	·782	·770	·786	·798	·807	·782	·767	·759	·751	·751	·751	·742	·783	·788	·769	·753	·700	·758	·798	·758	·764	·749	·767
29	·785	·779	·786	·811	·814	·806	·778	·792	·798	·804	·809	·805	·801	·785	·803	·812	·786	·742	·656	·668	·718	·742	·778	·759	·776
30	·749	·732	·770	·774	·784	·799	·783	·784	·764	·757	·749	·741	·733	·732	·771	·807	·776	·786	·751	·793	·798	·821	·853	·785	·775
31	·818	·854	·863	·860	·871	·847	·854	·824	·801	·805	·809	·801	·793	·814	·834	·840	·885	·850	·857	·840	·827	·843	·855	·852	·837
Means	·833	·838	·848	·843	·846	·839	·837	·830	·826	·823	·819	·818	·817	·812	·834	·851	·846	·835	·803	·803	·816	·822	·827	·826	0·829

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR

HUMIDITY OF THE AIR—NOVEMBER 1856

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·74	0·78	0·80	0·81	0·82	0·83	0·86	0·87	0·88	* —	—	* —	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	0·82	0·76	0·79	0·83	0·82	0·82	0·82	0·74	0·85	0·83	0·79	0·77	0·66	0·72	0·62	0·793
3	·77	·70	·69	·69	·71	·71	·71	·74	·76	·78	·80	·84	·89	·88	·87	·83	·70	·67	·65	·68	·66	·60	·64	·66	·735
4	·67	·68	·71	·74	·76	·74	·81	·86	·87	·89	·91	·90	·89	·86	·84	·80	·74	·65	·62	·57	·67	·65	·64	·65	·755
5	·66	·71	·69	·70	·70	·72	·74	·74	·71	·79	·86	·86	·87	·90	·88	·77	·70	·69	·62	·66	·58	·53	·54	·59	·717
6	·57	·63	·68	·75	·78	·82	·78	·82	·82	·84	·86	·88	·91	·92	·86	·81	·72	·66	·65	·63	·63	·65	·65	·67	·750
7	·69	·73	·76	·76	·79	·85	·87	·91	·92	·92	·92	·91	·91	·93	·91	·86	·72	·67	·65	·61	·62	·68	·63	·62	·785
8	·66	·71	·72	·76	·77	·79	·80	·85	·87	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	·85	·82	·85	·89	·90	·88	·84	·82	·85	·78	·64	·73	·66	·69	·69	·784
10	·69	·72	·76	·77	·77	·79	·78	·76	·77	·78	·78	·82	·86	·76	·84	·76	·72	·70	·70	·65	·68	·75	·70	·68	·750
11	·68	·69	·72	·71	·75	·74	·73	·72	·73	·74	·75	·71	·68	·74	·76	·76	·60	·57	·56	·59	·62	·71	·62	·65	·689
12	·67	·79	·79	·81	·83	·83	·84	·83	·87	·90	·92	·90	·88	·95	·95	·94	·95	·95	·92	·86	·85	·96	·95	·95	·879
13	·91	·91	·93	·93	·95	·95	·94	·97	·96	·96	·95	·95	·95	·95	·93	·90	·86	·85	·80	·79	·74	·75	·77	·76	·890
14	·78	·84	·89	·92	·90	·91	·96	·96	·94	·94	·94	·95	·96	·92	·92	·89	·84	·80	·77	·75	·79	·73	·77	·79	·869
15	·82	·86	·82	·82	·81	·78	·81	·79	·79	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	·86	·93	·90	·88	·87	·91	·87	·89	·95	·95	·93	·95	·91	·92	·91	·872
17	·91	·93	·96	·97	·97	·96	·94	·95	·98	·94	·90	·88	·86	·87	·85	·85	·84	·81	·80	·79	·79	·80	·79	·78	·880
18	·78	·80	·79	·78	·79	·80	·80	·81	·77	·81	·84	·84	·85	·91	·90	·89	·84	·80	·76	·75	·81	·87	·91	·88	·824
19	·88	·89	·87	·89	·90	·92	·91	·94	·96	·97	·98	·95	·93	·94	·95	·97	·98	·99	·97	·95	·90	1·00	·94	·97	·940
20	·89	·97	·95	·96	·99	·98	·98	·98	·98	·99	1·00	·99	·99	·97	·97	·97	·93	·91	·86	·83	·87	0·90	·79	·79	·935
21	·80	·83	·85	·87	·87	·89	·89	·83	·86	·88	0·90	·89	·89	·88	·90	·86	·83	·76	·76	·73	·69	·71	·67	·73	·824
22	·80	·83	·86	·86	·88	·89	·91	·90	·90	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	·94	·98	·98	·98	·98	·97	·88	·86	·83	·82	·81	·76	·80	·78	·82	·876
24	·82	·85	·90	·92	·91	·92	·96	·96	·93	·94	·94	·96	·98	·98	·96	·91	·84	·82	·79	·79	·80	·76	·77	·80	·884
25	·84	·86	·89	·91	·87	·89	·94	·96	·96	·96	·96	·95	·95	·97	·96	·91	·86	·80	·79	·73	·70	·70	·70	·73	·866
26	·80	·83	·88	·89	·89	·90	·91	·95	·91	·94	·96	·97	·99	·98	·96	·92	·92	·81	·82	·71	·73	·68	·73	·76	·868
27	·78	·78	·81	·81	·79	·83	·90	·92	·94	·95	·95	·93	·92	·90	·87	·83	·72	·67	·66	·65	·65	·64	·68	·68	·803
28	·71	·75	·80	·85	·85	·88	·90	·93	·91	·91	·91	·91	·91	·88	·88	·85	·79	·72	·66	·70	·68	·68	·67	·70	·810
29	·69	·73	·75	·77	·78	·74	·74	·76	·77	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	·83	·88	·89	·91	·92	·92	·83	·64	·61	·58	·60	·57	·58	·61	·66	·740
Means	·760	·792	·811	·826	·833	·842	·856	·868	·870	·885	·896	·896	·902	·903	·898	·861	·802	·776	·751	·728	·730	·734	·731	·742	0·821

TENSION OF VAPOUR—NOVEMBER 1856

	In.	In.	In.	In.	In.	In.	In.	In.	In.	* In.	In.	* In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·855	0·857	0·860	0·854	0·848	0·843	0·847	0·830	0·802	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	0·784	0·766	0·767	0·769	0·744	0·771	0·836	0·778	0·838	0·872	0·857	0·855	0·760	0·835	0·719	0·814
3	·837	·740	·716	·717	·726	·731	·728	·733	·738	·756	·773	·766	·759	·746	·771	·808	·782	·767	·767	·805	·783	·708	·738	·757	·756
4	·731	·713	·732	·754	·760	·721	·760	·749	·749	·754	·759	·737	·716	·716	·721	·743	·763	·724	·723	·688	·767	·757	·721	·725	·737
5	·700	·724	·686	·687	·680	·684	·694	·685	·655	·656	·657	·656	·656	·661	·677	·690	·720	·790	·717	·760	·674	·618	·612	·657	·683
6	·613	·639	·660	·687	·683	·692	·655	·659	·644	·638	·631	·639	·648	·646	·655	·711	·728	·710	·730	·693	·722	·731	·732	·744	·679
7	·742	·747	·747	·744	·754	·778	·771	·782	·753	·745	·737	·736	·736	·730	·731	·778	·755	·730	·756	·725	·745	·798	·742	·716	·749
8	·704	·739	·735	·756	·765	·775	·783	·778	·796	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	·754	·711	·727	·744	·752	·765	·775	·804	·771	·828	·674	·802	·743	·763	·754	·758
10	·731	·742	·759	·762	·765	·749	·756	·738	·741	·749	·757	·797	·838	·693	·762	·788	·776	·797	·818	·763	·814	·823	·773	·760	·769
11	·733	·716	·732	·725	·761	·742	·722	·718	·716	·716	·716	·678	·640	·657	·669	·693	·662	·648	·658	·675	·675	·705	·676	·694	·697
12	·700	·751	·747	·753	·765	·760	·763	·762	·772	·785	·798	·765	·732	·777	·789	·789	·798	·812	·856	·847	·827	·841	·824	·818	·785
13	·790	·764	·770	·765	·771	·771	·766	·776	·770	·757	·744	·746	·748	·746	·760	·780	·836	·863	·861	·847	·812	·816	·807	·795	·786
14	·805	·796	·825	·857	·828	·803	·820	·813	·803	·796	·789	·794	·799	·765	·750	·758	·748	·765	·800	·802	·850	·781	·808	·821	·799
15	·833	·829	·811	·808	·801	·772	·794	·775	·776	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	·812	·847	·826	·806	·799	·809	·819	·803	·812	·846	·841	·868	·836	·840	·850	·817
17	·822	·802	·799	·807	·804	·797	·793	·795	·828	·834	·840	·829	·818	·825	·834	·852	·865	·848	·867	·834	·847	·865	·814	·797	·826
18	·778	·778	·775	·768	·767	·778	·773	·755	·744	·745	·745	·746	·748	·759	·757	·776	·787	·777	·745	·727	·750	·779	·791	·788	·764
19	·788	·789	·772	·758	·757	·779	·783	·793	·821	·822	·823	·812	·801	·726	·713	·723	·718	·753	·799	·838	·805	·836	·825	·832	·786
20	·814	·782	·811	·814	·819	·841	·809	·820	·809	·771	·733	·723	·713	·713	·704	·689	·669	·680	·692	·696	·748	·793	·698	·698	·752
21	·692	·707	·710	·725	·724	·731	·725	·669	·676	·702	·727	·729	·731	·708	·732	·760	·794	·763	·795	·780	·757	·760	·702	·756	·731
22	·787	·787	·790	·796	·814	·830	·837	·828	·834	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	·841	·848	·843	·839	·831	·854	·856	·864	·862	·857	·848	·821	·853	·831	·859	·834
24	·825	·822	·839	·844	·834	·826	·824	·817	·790	·792	·793	·808	·823	·818	·827	·836	·835	·833	·826	·833	·857	·815	·817	·849	·824
25	·858	·836	·844	·855	·821	·825	·836	·836	·820	·822	·824	·817	·810	·824	·820	·854	·855	·832	·833	·792	·779	·770	·770	·778	·821
26	·802	·818	·848	·850	·850	·852	·849	·850	·838	·834	·830	·840	·850	·849	·855	·882	·893	·846	·830	·769	·758	·746	·773	·768	·828
27	·765	·753	·759	·753	·725	·743	·751	·745	·743	·732	·721	·699	·678	·663	·656	·682	·654	·642	·656	·663	·662	·668	·677	·684	·703
28	·673	·674	·693	·710	·715	·724	·731	·738	·736	·733	·730	·718	·706	·679	·682	·698	·686	·683	·640	·685	·675	·674	·665	·675	·697
29	·652	·676	·692	·697	·694	·679	·680	·693	·693	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	·677	·660	·662	·664	·672	·680	·688	·609	·602	·597	·613	·585	·606	·614	·654	·656
Means	·761	·759	·764	·770	·769	·769	·770	·765	·762	·760	·758	·754	·751	·740	·750	·771	·767	·766	·775	·762	·770	·763	·754	·758	0·762

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR

HUMIDITY OF THE AIR—DECEMBER 1856

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·69	0·71	0·79	0·83	0·76	0·75	0·79	0·79	0·82	0·85*	0·88	0·89*	0·90	0·93	0·93	0·83	0·67	0·60	0·59	0·60	0·65	0·60	0·62	0·63	0·754
2	·68	·69	.71	·69	·70	·78	·79	·79	·83	·85	·87	·86	·86	·90	·85	·82	·79	·72	·64	·62	·60	·59	·59	·61	·743
3	·61	·64	.66	·68	·68	·69	·72	·75	·81	·82	·83	·83	·84	·87	·86	·73	·69	·66	·66	·64	·61	·58	·63	·67	·715
4	·72	·79	·81	·81	·81	·85	·87	·91	·83	·81	·79	·80	·82	·82	·88	·83	·78	·69	·66	·73	·72	·69	·70	·79	·788
5	·76	·77	·78	·78	·78	·78	·80	·83	·82	·86	·89	·91	·93	·93	·93	·89	·87	·78	·75	·70	·70	·80	·82	·87	·822
6	·85	·93	·93	·93	·93	·95	·94	·95	·96	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	—	·91	·86	·88	·91	·94	·95	·87	·88	·89	·91	·94	·95	·96	·97	·96	·923
8	·96	·94	·95	·98	·88	·91	·89	·86	.95	·93	·90	·93	·96	·95	·91	·94	·76	·85	·85	·93	·90	·85	·95	·95	·912
9	·91	·92	·94	·93	·94	·87	·94	·90	·91	·93	·94	·93	·93	·93	·95	·96	·94	·92	·94	.91	·88	·85	·84	·89	·917
10	·90	·92	·94	·93	·91	·94	·94	·95	·95	·95	·94	·94	·94	·96	·93	·90	·90	·89	·87	·87	·86	·83	·84	·86	·911
11	·87	·87	·88	·87	·89	·96	·95	·93	·93	·92	·91	·91	·91	·91	·89	·87	·83	·84	·83	·81	·82	·83	·83	·83	·879
12	·83	·86	·87	·87	·86	·88	·87	·88	·89	·90	·91	·91	·92	·88	·90	·88	·81	·80	·76	·80	·85	·84	·84	·83	·860
13	·84	·90	·93	·88	·89	·89	·91	·89	·93	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	·92	·90	·89	·89	·90	·94	·93	·91	·89	·78	·78	·80	·80	·78	·80	·874
15	·80	·85	·87	·87	·87	·88	·87	·88	·88	·89	·89	·91	·93	·94	·95	·93	·89	·77	·79	·85	·77	·77	·78	·80	·860
16	·80	·80	·83	·84	·87	·87	·87	·89	·87	·87	·86	·89	·92	·94	·95	·88	·77	·74	·75	·73	·71	·73	·73	·73	·827
17	·74	·77	·79	·79	·79	·77	·85	·85	·93	·93	·92	·90	·88	·84	·91	·86	·73	·74	·74	·68	·68	·69	·72	·70	·800
18	·70	·73	·78	·83	·87	·90	·94	·93	·92	·93	·93	·93	·93	·93	·93	·75	·65	·65	·67	·66	·62	·62	·64	·66	·796
19	·68	·69	·73	·73	·73	·72	·78	·84	·89	·91	·93	·92	·91	·92	·90	·85	·79	·62	·60	·58	·59	·60	·64	·64	·758
20	·62	·69	·74	·85	·87	·90	·91	·90	·91	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	—	·91	·91	·86	·81	·72	·68	·69	·65	·59	·59	·59	·63	·62	·62	·61	·745
22	·61	·59	·61	·59	·60	·60	·61	·65	·67	·71	·74	·74	·74	·77	·86	·75	·67	·67	·63	·63	·63	·57	·60	·63	·661
23	·67	·72	·76	·79	·79	·79	·79	·78	·73	·74	·74	·80	·86	·86	·90	·86	·79	·75	·72	·68	·70	·69	·68	·67	·761
24	·73	·69	·74	·82	·77	·75	·76	·75	·75	·75	·75	·78	·81	·83	·83	·78	·75	·67	·65	·64	·56	·60	·62	·62	·725
25	·69	·73	·77	·79	·80	·85	·87	·89	·90	·91	·91	·90	·90	·91	·92	·86	·85	·83	·79	·70	·72	·66	·67	·64	·811
26	·70	·73	·76	·75	·76	·78	·77	·75	·73	·79	·84	·88	·92	·94	·92	·88	·79	·71	·69	·65	·55	·57	·60	·65	·755
27	·68	·78	·81	·84	·84	·84	·83	·83	·89	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	·90	·90	·89	·89	·88	·86	·82	·74	·68	·62	·64	·59	·61	·61	·62	·775
29	·64	·69	·72	·76	·80	·79	·79	·79	·81	·84	·86	·88	·90	·91	·87	·84	·83	·77	·73	·69	·68	·67	·69	·72	·778
30	·76	·82	·85	·81	·80	·83	·83	·85	·86	·88	·90	·91	·93	·95	·95	·91	·85	·81	·79	·73	·71	·70	·72	·80	·831
31	·75	·79	·83	·84	·85	·84	·83	·85	·84	·84	·84	·84	·85	·87	·86	·81	·73	·71	·76	·74	·72	·74	·74	·75	·801
Means	·748	·778	·807	·818	·816	·828	·841	·847	·860	·869	·872	·878	·889	·894	·897	·849	·789	·750	·732	·723	·711	·706	·721	·738	0·807

TENSION OF VAPOUR—DECEMBER 1856

	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.*	In.	In.*	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·657	0·659	0·682	0·713	0·682	0·667	0·683	0·678	0·686	0·688	0·689	0·687	0·685	0·704	0·714	0·705	0·618	0·596	0·596	0·615	0·637	0·615	0·605	0·627	0·662
2	·649	·630	·633	·616	·618	·656	·659	·672	·683	·689	·695	·685	·676	·680	·651	·648	·672	·681	·666	·646	·610	·591	·576	·596	·649
3	·574	·591	·595	·589	·588	·591	·595	·607	·641	·633	·625	·625	·625	·645	·648	·617	·634	·640	·636	·647	·634	·601	·639	·660	·620
4	·672	·702	·709	·702	·691	·718	·724	·740	·688	·695	·701	·716	·731	·706	·697	·656	·665	·653	·660	·678	·688	·659	·657	·697	·692
5	·629	·627	·617	·627	·625	·608	·614	·633	·624	·648	·672	·692	·712	·718	·726	·728	·750	·739	·735	·711	·716	·729	·755	·728	·682
6	·712	·732	·742	·731	·728	·750	·715	·693	·696	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	—	·681	·666	·676	·687	·696	·698	·635	·628	·632	·644	·652	·655	·663	·706	·706	·689
8	·732	·745	·788	·802	·764	·783	·767	·747	·794	·787	·780	·794	·809	·807	·782	·672	·691	·759	·814	·855	·835	·786	·818	·812	·780
9	·779	·793	·791	·783	·784	·749	·782	·761	·773	·766	·758	·762	·766	·757	·742	·768	·769	·797	·790	·830	·832	·838	·822	·853	·785
10	·834	·825	·803	·790	·766	·781	·785	·792	·795	·794	·793	·793	·793	·799	·790	·775	·800	·816	·818	·825	·847	·818	·830	·844	·805
11	·812	·784	·788	·778	·784	·829	·783	·790	·770	·776	·782	·786	·790	·782	·774	·809	·814	·836	·838	·826	·806	·816	·827	·814	·800
12	·794	·797	·799	·803	·789	·787	·778	·774	·784	·783	·782	·789	·797	·760	·778	·782	·798	·802	·821	·808	·816	·833	·842	·812	·796
13	·796	·801	·804	·777	·792	·782	·788	·784	·814	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	·795	·775	·772	·769	·769	·776	·790	·797	·806	·773	·778	·797	·783	·771	·773	·786
15	·766	·765	·772	·772	·767	·774	·762	·756	·752	·748	·744	·749	·755	·753	·760	·777	·803	·755	·787	·839	·776	·754	·764	·765	·767
16	·748	·729	·744	·746	·753	·749	·749	·766	·725	·717	·709	·714	·720	·696	·710	·752	·725	·722	·736	·719	·705	·710	·710	·700	·727
17	·689	·684	·680	·680	·674	·662	·698	·689	·714	·703	·691	·687	·683	·666	·672	·711	·682	·713	·724	·676	·684	·675	·700	·666	·688
18	·657	·657	·672	·690	·704	·714	·720	·709	·693	·683	·672	·660	·648	·648	·647	·627	·589	·611	·635	·633	·603	·613	·624	·614	·655
19	·625	·625	·635	·636	·621	·606	·637	·658	·670	·661	·652	·658	·664	·678	·668	·685	·678	·589	·592	·575	·574	·592	·619	·614	·634
20	·576	·604	·617	·655	·662	·681	·687	·692	·687	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	—	·706	·724	·695	·667	·611	·580	·616	·616	·565	·576	·587	·627	·612	·600	·583	·634
22	·568	·549	·556	·530	·523	·526	·531	·567	·577	·602	·626	·622	·619	·629	·653	·666	·642	·658	·639	·641	·638	·584	·616	·624	·599
23	·642	·666	·682	·694	·683	·683	·683	·667	·627	·627	·626	·637	·648	·644	·657	·681	·687	·666	·674	·644	·677	·657	·649	·623	·659
24	·655	·624	·641	·686	·655	·638	·647	·642	·645	·642	·638	·645	·652	·655	·644	·616	·642	·602	·598	·606	·546	·590	·590	·582	·628
25	·624	·634	·649	·656	·658	·689	·692	·709	·705	·697	·689	·682	·676	·664	·669	·659	·687	·698	·710	·657	·674	·638	·635	·613	·669
26	·640	·639	·653	·640	·645	·653	·646	·643	·636	·642	·647	·663	·680	·679	·685	·696	·688	·655	·645	·632	·563	·585	·614	·641	·646
27	·648	·691	·691	·705	·708	·703	·694	·693	·705	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	·684	·663	·650	·638	·628	·612	·634	·636	·626	·585	·623	·592	·595	·603	·596	·650
29	·587	·616	·612	·648	·668	·662	·656	·652	·662	·658	·653	·666	·679	·664	·635	·657	·697	·696	·700	·693	·688	·694	·694	·705	·664
30	·713	·735	·742	·719	·710	·719	·723	·743	·747	·752	·757	·758	·760	·758	·751	·754	·763	·780	·775	·760	·723	·725	·755	·788	·746
31	·725	·740	·759	·755	·755	·751	·744	·741	·741	·741	·741	·740	·740	·749	·743	·731	·694	·703	·772	·761	·748	·742	·740	·736	·741
Means	·685	·691	·698	·701	·696	·700	·702	·704	·705	·704	·702	·704	·706	·702	·699	·698	·699	·696	·701	·701	·692	·685	·695	·695	0·698

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

DIRECTION AND FORCE OF THE WIND

DIRECTION OF THE WIND—JANUARY 1856

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction
Madras Mean Time	h.m. 4.41	h.m. 5.41	h.m. 6.41	h.m. 7.41	h.m. 8.41	h.m. 9.41	h.m. 10.41	h.m. 11.41	h.m. 12.41	h.m. 13.41	h.m. 14.41	h.m. 15.41	h.m. 16.41	h.m. 17.41	h.m. 18.41	h.m. 19.41	h.m. 20.41	h.m. 21.41	h.m. 22.41	h.m. 23.41	h.m. 0.41	h.m. 1.41	h.m. 2.41	h.m. 3.41		
	parts	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.		
1	7	7	7	6	6	6	6	6	6	7	7	7	7	7	5	2	7	7	7	7	11	12	13	12	74	E by N
2	1	1	1	1	1	1	1	1	1	0	30	29	29	29	29	29	29	29	1	2	2	2	2	2	357	N
3	4	3	3	3	3	3	31	31	31	31	31	31	31	31	31	31	30	0	5	5	5	5	5	4	13	N by E
4	4	4	4	4	4	4	0	0	0	0	0	31	31	31	31	31	31	0	3	4	5	5	5	4	21	NNE
5	8	8	8	8	8	8	8	1	1	1	1	1	1	1	1	1	0	5	7	8	10	10	9	10	58	NE by E
6	9	10	10	10	10	10	11	11	11	1	0	0	0	0	0	0	31	0	5	9	7	7	9	8	64	ENE
7	8	6	6	6	6	6	6	6	6	6	6	5	4	4	2	0	0	0	10	11	10	9	8	9	66	ENE
8	10	10	10	10	10	10	10	10	10	10	4	1	1	1	1	0	0	0	4	9	8	9	9	9	73	ENE
9	7	8	8	5	5	5	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	8	40	NE
10	6	6	6	6	6	6	6	6	6	6	5	5	3	3	1	1	1	7	7	6	7	7	8	7	60	NE by E
11	4	4	3	3	3	1	1	1	1	1	1	1	31	31	31	31	31	2	5	6	5	4	5	4	23	NNE
12	5	4	4	4	4	4	4	3	3	3	0	0	0	0	31	31	31	0	3	4	4	3	3	3	26	NNE
13	2	2	2	2	3	4	4	4	4	4	2	1	30	30	30	31	0	2	4	3	3	4	4	5	25	NNE
14	5	5	5	5	6	6	6	7	7	3	3	0	0	0	31	0	1	2	5	6	6	6	6	5	44	NE
15	4	4	4	4	5	5	5	5	5	31	31	31	31	31	31	29	29	5	5	6	5	4	5	5	30	NE by N
16	5	5	5	5	5	5	5	5	5	1	0	0	0	0	0	0	0	2	5	6	7	7	7	2	38	NE by N
17	7	7	7	7	7	7	7	8	8	8	8	8	31	31	25	24	23	22	21	18	12	11	12	12	96	E by S
18[2]	12	12	12	12	12	12	12	12	12	12	25	25	25	25	25	25	23	20	18	15	14	13	13	12	187	S by W
19	13	12	11	9	10	10	10	10	10	8	9	9	9	8	3	3	7	8	8	8	8	6	5	5	93	E
20	4	4	4	4	3	3	4	4	4	3	3	1	1	0	30	30	3	3	3	4	4	4	4	4	31	NE by N
21	3	3	3	3	3	3	4	4	4	4	3	0	0	0	0	0	3	4	5	4	5	5	5	5	34	NE by N
22	4	4	4	4	4	4	4	4	4	4	4	4	1	1	1	0	0	6	8	7	8	8	8	8	49	NE
23	7	7	7	6	6	6	6	6	4	4	4	3	1	1	1	0	0	4	8	8	10	11	11	10	61	NE by E
24[2]	11	13	13	13	13	13	13	13	21	21	21	21	21	21	21	22	26	27	13	12	12	12	12	10	181	S
25	9	9	9	9	9	9	9	9	9	10	0	0	0	0	0	31	30	3	9	9	10	10	10	10	70	ENE
26	10	8	8	8	8	8	8	8	8	2	2	2	2	2	2	0	31	1	9	10	11	11	11	10	69	ENE
27	9	9	8	8	8	8	8	8	8	7	7	1	1	1	1	0	0	30	31	8	10	10	9	11	64	ENE
28[2]	10	10	10	11	11	11	11	11	11	11	13	13	13	13	25	25	25	25	11	12	12	12	12	12	155	SSE
29[2]	12	12	12	11	12	12	12	12	12	12	12	12	12	12	12	11	11	11	11	13	14	13	13	13	135	SE
30[2]	12	12	12	12	12	12	12	12	12	12	21	21	22	22	22	22	23	20	18	16	12	12	12	12	176	S
31[2]	12	12	12	12	11	11	11	11	11	11	11	11	11	11	12	12	17	16	14	13	13	13	13	13	138	SE
Hourly Means No. 1	o 81	o 80	o 79	o 77	o 78	o 78	o 73	o 71	o 69	o 54	o 37	o 24	o 7	o 6	o 350	o 350	o 352	o 24	o 77	o 91	o 92	o 91	o 92	o 89	o 0	
Hourly Means No. 2	ebn 129	ebn 133	ebn 133	ebn 133	ebn 133	ebn 133	ene 133	ene 133	ene 148	nebe 148	nebn 193	nne 193	nbe 195	nbe 195	nbw 219	nbw 219	nbw 234	nne 182	ebn 210	e 152	e 144	e 141	e 141	e 135	62	ENE
	sebe	se	se	se	se	se	se	se	sebs	sebs	sbw	sbw	sbw	sbw	swbs	swbs	swbw	s	swbs	sse	sebs	sebs	sebs	se		
No. of Observations with the wind in each quarter NW	0	0	0	0	0	0	1	1	1	2	4	5	8	8	12	12	11	4	1	0	0	0	0	0	70	Obs. NW
SW	0	0	0	0	0	0	0	0	1	1	2	2	2	2	2	2	4	4	3	2	0	0	0	0	27	„ SW
SE	14	14	14	13	13	13	13	13	12	9	5	5	4	4	2	2	1	2	10	14	17	16	18	18	246	„ SE
NE	17	17	17	18	18	18	17	17	17	19	20	19	17	17	15	15	15	21	17	15	14	15	13	13	401	„ NE

FORCE OF THE WIND—JANUARY 1856

	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome the inertia of the instrument
1	0·02	0·02	0·02	0·02	0·01	0·03	0·04	0·02	0·02	0·01	0·00	0·00	0·00	0·00	0·00	0·00	0·03	0·15	0·11	0·15	0·25	0·22	0·10	0·05	0·05	
2	·10	·04	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·03	·10	·08	·07	·15	·10	·03	
3	·02	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·03	·04	·05	·03	·03	·03	·01	
4	·10	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·12	·20	·22	·22	·15	·05	
5	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·02	·05	·15	·10	·08	·04	·02	
6	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·04	·05	·05	·06	·08	·04	·01	
7	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	.00	·00	·00	·00	·00	·00	·00	·02	·02	·04	·03	·02	·01	·01	
8	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	.00	·00	·00	·00	·00	·00	·00	·04	·15	·10	·10	·12	·08	·02	
9	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	.00	·00	·00	·00	·00	·00	·00	·00	·15	·28	·35	·25	·15	·05	
10	·04	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	.00	·00	.00	·00	·00	·00	·08	·18	·15	·17	·22	·24	·26	·06	
11	·03	·04	·00	·00	·00	·00	·00	·00	·00	·00	·00	.00	·00	·00	·00	·00	·00	·00	·10	·08	·07	·24	·25	·28	·05	
12	·10	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	.00	·00	·00	·00	·00	·00	·02	·05	·08	·15	·16	·12	·18	·04	
13	·14	·08	·01	·01	·00	·00	·00	·00	·00	·00	·00	.00	·00	·00	·00	·01	·00	·04	·17	·19	·22	·21	·24	·18	·06	
14	·03	·04	·00	·02	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·04	·10	·15	·10	·07	·05	·17	·03	
15	·08	·05	·02	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·08	·12	·13	·15	·12	·12	·04	
16	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·07	·08	·07	·10	·04	·03	·02	·02	
17	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·03	·03	·02	·02	·00	·00	·01	
18	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·10	·15	·10	·10	·12	·00	·03	
19	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·10	·15	·20	·22	·18	·35	·42	·07	
20	·15	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·25	·45	·38	·30	·47	·45	·30	·12	
21	·20	·22	·10	·01	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·15	·24	·35	·30	·20	·20	·32	·10	
22	·08	·05	·00	·00	·00	·00	·00	.00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·10	·15	·12	·13	·12	·10	·04	
23	·10	·04	·00	·00	·00	·00	·00	.00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·06	·07	·05	·04	·03	·04	·02	
24	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·01	·04	·06	·03	·05	·01	
25	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·02	·03	·03	·02	·03	·01	
26	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·04	·04	·06	·10	·08	·01	
27	·08	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·08	·08	·05	·01	
28	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·02	·06	·12	·07	·00	·01	
29	·03	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·03	·05	·03	·01	
30	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·06	·14	·08	·04	·10	·12	·02	
31	·03	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·04	·06	·05	·12	·10	·17	·15	·03	
Means	0·05	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·04	·08	·11	·12	·13	·13	·11	0·03	

DIRECTION AND FORCE OF THE WIND

DIRECTION OF THE WIND—FEBRUARY 1856

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction
Madras Mean Time	h.m. 4.41	h.m. 5.41	h.m. 6.41	h.m. 7.41	h.m. 8.41	h.m. 9.41	h.m. 10.41	h.m. 11.41	h.m. 12.41	h.m. 13.41	h.m. 14.41	h.m. 15.41	h.m. 16.41	h.m. 17.41	h.m. 18.41	h.m. 19.41	h.m. 20.41	h.m. 21.41	h.m. 22.41	h.m. 23.41	h.m. 0.41	h.m. 1.41	h.m. 2.41	h.m. 3.41		
	parts	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	o	
1	12	11	11	11	11	11	11	12	12	12	12	12	12	12	12	12	18	22	12	9	10	9	10	9	134	SE
2	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	11	12	12	11	12	12	12	11	119	SE by E
3	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	14	18	16	12	11	11	12	12	132	SE
4	11	11	11	11	11	11	11	11	11	11	11	11	12	12	12	13	18	18	18	13	13	13	13	12	140	SE
5	12	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	9	9	10	9	9	120	SE by E
6	8	8	8	8	8	9	9	9	9	9	9	9	9	9	9	0	0	9	9	9	9	9	7	7	89	E
7	6	8	5	5	6	6	6	7	8	8	8	8	30	30	30	5	8	8	7	7	8	8	7	7	66	ENE
8	5	5	6	6	6	7	7	8	8	8	8	8	8	8	1	28	29	9	8	8	8	8	9	9	71	ENE
9	8	8	8	8	8	7	7	7	7	7	7	7	7	7	7	7	21	18	16	11	7	9	8	8	101	E by S
10	7	7	7	7	8	8	8	8	8	8	9	19	19	19	19	19	19	15	11	11	8	8	8	8	126	SE by E
11	7	7	7	7	7	7	7	6	6	6	6	6	12	15	15	15	19	14	13	9	8	8	7	5	103	E by S
12	8	8	8	8	8	8	8	8	8	8	8	17	18	18	18	18	19	18	17	12	10	10	10	10	133	SE
13	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	11	11	11	11	9	10	10	10	114	ESE
14	10	10	10	10	10	10	10	10	10	11	11	12	16	16	16	17	18	16	14	11	11	12	13	13	139	SE
15	13	13	13	13	13	13	13	13	16	23	23	23	23	23	23	23	22	20	19	14	14	14	13	13	192	S by W
16	14	14	13	13	13	13	13	13	13	13	16	22	22	22	22	22	21	17	13	13	12	12	12	12	173	S by E
17	11	11	11	11	11	11	11	11	11	11	11	11	11	12	12	24	24	13	9	9	10	10	8	8	121	SE by E
18	6	7	6	6	6	6	6	6	6	6	6	2	2	2	2	0	4	6	6	6	5	5	5	5	55	NE by E
19	5	5	5	5	5	5	5	5	5	5	3	2	2	2	1	0	0	5	6	7	7	7	6	7	49	NE
20	6	6	6	6	6	6	6	6	6	6	1	1	0	0	0	0	5	5	6	6	6	6	6	6	51	NE by E
21	7	6	6	6	6	6	6	6	6	6	3	3	3	3	3	0	0	5	6	7	6	6	6	6	55	NE by E
22	6	6	6	6	6	6	6	3	1	1	1	1	1	1	31	30	31	7	8	8	8	7	8	7	47	NE
23	7	7	8	8	8	8	8	8	8	8	8	8	8	8	1	0	0	4	6	7	7	7	6	5	72	ENE
24	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	8	9	8	8	8	82	E by N
25	7	7	7	7	7	7	7	7	7	8	8	8	9	9	9	10	10	9	9	11	10	9	8	9	93	E
26	9	9	10	10	13	13	13	13	13	13	13	13	13	13	13	13	13	16	11	10	11	12	10	10	135	SE
27	11	11	11	12	13	13	12	12	12	12	12	12	12	12	13	13	18	19	17	13	13	12	12	12	145	SE by S
28	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	14	14	12	12	12	12	12	145	SE by S
29	11	12	12	11	11	11	11	11	11	11	11	11	11	11	11	12	12	13	12	12	11	11	10	10	127	SE by E
Hourly Means	o 100 Ebs	o 101 Ebs	o 100 Ebs	o 100 Ebs	o 101 Ebs	o 102 Ebs	o 102 Ebs	o 101 Ebs	o 102 Ebs	o 101 Ebs	o 111 ESE	o 103 Ebs	o 111 ESE	o 113 ESE	o 110 ESE	o 114 ESE	o 164 SbE	o 139 SE	o 124 SEbE	o 111 ESE	o 107 ESE	o 107 ESE	o 102 Ebs	o 101 Ebs	o 108	ESE
No. of Observations with the wind in each quarter NW	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	3	3	0	0	0	0	0	0	0	10	Obs. NW
SW	0	0	0	0	0	0	0	0	0	1	2	4	5	5	5	5	10	10	6	0	0	0	0	0	53	„ SW
SE	17	18	18	18	19	18	18	19	20	20	19	17	16	16	14	12	9	12	16	23	23	23	21	20	426	„ SE
NE	12	11	11	11	10	11	11	10	9	8	8	8	7	7	8	9	7	7	7	6	6	6	8	9	207	„ NE

FORCE OF THE WIND—FEBRUARY 1856

	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.
1	0·04	0·02	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·04	0·10	0·15	0·20	0·02
2	·03	·08	·07	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·00	·00	·03	·06	·12	·16	·02
3	·04	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·06	·02	·01	·03	·15	·16	·02
4	·08	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·12	·11	·07	·08	·14	·11	·10	·04	
5	·10	·09	·03	·02	·04	·01	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·07	·05	·10	·14	·03	
6	·10	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·04	·05	·10	·13	·17	·03
7	·04	·01	·02	·02	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·04	·08	·07	·07	·04	·03	·02
8	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·03	·05	·07	·04	·01
9	·03	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·04	·07	·05	·01
10	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·04	·05	·02	·06	·01
11	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·03	·03	·01	·01	·00	·00	·00
12	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·00	·00	·04	·05	·08	·07	·01
13	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·04	·03	·01	
14	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·07	·05	·03	·02	·00	·03	·04	·01
15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·06	·20	·02	·04	·07	·14	·17	·03
16	·06	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·02	·00	·00	·00	·01	·00	·01
17	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·05	·03	·08	·10	·01
18	·04	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·05	·07	·09	·12	·11	·17	·16	·03
19	·03	·02	·01	·00	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·04	·08	·08	·06	·04	·02	·02
20	·01	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·06	·07	·04	·06	·06	·08	·02
21	·03	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·03	·05	·04	·04	·03	·01
22	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·07	·05	·02	·01
23	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·03	·02	·02	·02	·03	·02	·01
24	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·01	·02	·01	·00
25	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·05	·05	·08	·02	·01
26	·01	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·02	·03	·03	·00
27	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·07	·20	·16	·06	·08	·07	·12	·10	·04
28	·04	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·07	·02	·01
29	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·02	·02	·01	·03	·02	·03	·01
Means	0·03	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·03	·03	·03	·04	·05	·07	·07	0·02

The force is given in pounds and decimals of a pound on one square foot.
The entry ·00 denotes calms or pressures too small to overcome the inertia of the instrument.

DIRECTION AND FORCE OF THE WIND

DIRECTION OF THE WIND—MARCH 1856

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction
Madras Mean Time	h.m. 4.41	h.m. 5.41	h.m. 6.41	h.m. 7.41	h.m. 8.41	h.m. 9.41	h.m. 10.41	h.m. 11.41	h.m. 12.41	h.m. 13.41	h.m. 14.41	h.m. 15.41	h.m. 16.41	h.m. 17.41	h.m. 18.41	h.m. 19.41	h.m. 20.41	h.m. 21.41	h.m. 22.41	h.m. 23.41	h.m. 0.41	h.m. 1.41	h.m. 2.41	h.m. 3.41		
	parts	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	o	
1	10	8	8	8	8	8	8	8	8	8	3	3	3	3	3	2	1	8	7	8	8	7	7	7	71	ENE
2	7	6	6	6	6	6	7	7	7	8	8	8	8	4	1	1	1	12	11	12	11	9	8	7	78	E by N
3	8	8	8	8	9	9	9	9	9	9	8	8	1	1	1	0	0	7	8	8	8	9	9	9	76	E by N
4	9	9	8	8	8	8	8	8	8	8	8	8	8	8	8	31	30	13	13	12	12	12	12	12	96	E by S
5	11	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	10	10	10	10	10	130	SE
6	10	9	9	9	9	9	9	9	10	10	10	10	10	10	10	1	1	10	10	10	10	10	10	9	100	E by S
7	9	8	8	8	8	8	8	1	1	1	1	1	1	1	0	0	31	20	11	10	10	11	11	11	64	ENE
8	13	13	13	13	13	13	13	13	13	13	21	21	21	21	21	22	22	17	14	13	13	13	12	13	174	S
9	14	13	13	13	13	13	13	13	13	13	14	14	14	14	14	14	18	18	13	13	14	13	13	13	155	SSE
10	13	13	13	14	14	14	14	14	14	14	14	14	14	14	15	20	20	20	14	14	14	14	14	14	165	S by E
11	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	18	18	15	13	13	13	14	14	160	SSE
12	15	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	13	13	13	13	12	12	12	12	152	SSE
13	14	14	14	14	14	14	14	14	14	14	14	14	13	13	13	13	13	13	13	13	12	11	11	11	149	SE by S
14	10	10	11	11	11	11	11	11	11	11	11	7	7	7	7	0	4	9	9	8	10	10	10	9	101	E by S
15	10	10	11	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	133	SE
16	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	12	12	12	12	144	SE by S
17	12	13	13	13	13	13	13	13	13	13	13	13	21	21	21	24	21	15	14	13	13	13	13	14	168	S by E
18	13	13	13	13	13	13	13	14	14	15	15	24	27	27	27	23	24	21	12	14	14	14	14	14	189	S by W
19	13	13	14	14	14	14	14	14	15	16	20	20	20	20	20	20	20	19	17	14	15	14	14	14	182	S
20	15	14	14	15	15	16	16	16	16	17	19	19	19	29	29	24	15	15	20	14	14	14	14	13	193	S by W
21	15	14	14	14	14	14	14	15	15	15	15	17	19	19	19	18	20	15	14	14	14	14	14	13	173	S by E
22	13	13	13	13	13	13	13	13	13	13	13	13	13	20	20	20	18	18	18	13	13	12	12	13	162	SSE
23	15	14	14	14	14	14	14	14	14	14	14	14	19	19	20	20	18	21	20	20	15	15	15	15	181	S
24	15	14	14	14	14	15	14	14	14	14	14	14	14	14	14	20	20	20	19	14	14	14	14	14	169	S by E
25	15	14	15	15	15	15	15	15	15	15	15	15	15	15	15	15	21	15	13	13	13	14	14	14	167	S by E
26	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	13	13	12	12	12	12	12	152	SSE
27	13	13	13	13	13	13	13	13	13	13	13	13	13	15	15	15	15	14	14	14	14	14	14	14	153	SSE
28	13	13	13	13	13	13	13	13	14	14	14	14	14	20	20	22	20	13	13	13	12	12	12	11	160	SSE
29	12	12	12	12	13	13	13	13	13	13	13	13	13	13	13	13	13	15	13	13	13	13	13	13	145	SE by S
30	13	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	13	12	11	11	10	11	11	12	133	SE
31	10	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	11	10	10	9	9	9	9	126	SE by E
Hourly Means	o 138 SE	o 135 SE	o 135 SE	o 137 SE	o 138 SE	o 138 SE	o 138 SE	o 137 SE	o 138 SE	o 142 SEbS	o 150 SEbS	o 147 SEbS	o 154 SSE	o 161 SSE	o 156 SSE	o 190 SbW	o 191 SbW	o 164 SbE	o 148 SEbS	o 138 SE	o 136 SE	o 135 SE	o 135 SE	o 134 SE	o 141	SE by S
No. of Observations with the wind in each quarter NW	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	3	3	0	0	0	0	0	0	0	12	Obs. NW
SW	0	0	0	0	0	1	1	1	1	2	3	4	6	7	7	9	12	10	5	1	0	0	0	0	70	„ SW
SE	30	30	30	30	30	29	29	28	28	28	26	23	20	17	17	13	11	20	25	30	31	30	30	29	614	„ SE
NE	1	1	1	1	1	1	1	2	2	1	2	3	4	5	5	6	5	1	1	0	0	1	1	2	48	„ NE

FORCE OF THE WIND—MARCH 1856

	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	
1	0·00	0·01	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·01	0·02	0·02	0·01	0·03	0·02	0·03	0·01	
2	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·05	·04	·01	
3	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·05	·01	
4	·00	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·00	·03	·04	·02	·01	
5	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·03	·03	·07	·05	·01	
6	·02	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·04	·04	·03	·02	·02	·01		
7	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·00	·01	·02	·00		
8	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·03	·02	·02	·03	·02	·01	·01	
9	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·02	·01	·04	·03	·01	·01	·02	·01	
10	·02	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·10	·07	·05	·04	·12	·15	·08	·03	
11	·06	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·08	·07	·02	·03	·08	·07	·06	·02	
12	·06	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·01	·03	·05	·06	·13	·05	·02	
13	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·02	·03	·04	·07	·10	·12	·02	
14	·02	·03	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·04	·03	·05	·06	·07	·01	
15	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·01	·01	·01	·03	·06	·08	·01	
16	·03	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·04	·02	·03	·06	·02	·01	
17	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·02	·03	·04	·06	·04	·08	·01	
18	·02	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·02	·03	·05	·04	·01	
19	·12	·04	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·22	·45	·38	·34	·30	·55	·48	·35	·20	·14	
20	·08	·10	·04	·02	·02	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·18	·04	·08	·10	·15	·45	·05	
21	·40	·18	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·12	·08	·06	·12	·20	·15	·12	·11	·07	
22	·13	·08	·02	·04	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·15	·18	·22	·08	·14	·12	·08	·10	·06	
23	·04	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·05	·13	·22	·15	·10	·15	·20	·18	·06	
24	·12	·10	·08	·07	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·18	·24	·25	·17	·15	·16	·10	·05	·07	
25	·04	·02	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·04	·02	·10	·13	·17	·22	·20	·04	
26	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·04	·02	·03	·08	·10	·07	·07	·02	
27	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·03	·04	·10	·15	·14	·13	·10	·03	
28	·03	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·10	·12	·10	·13	·10	·13	·03	
29	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·03	·08	·10	·13	·12	·10	·03	
30	·04	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·10	·08	·15	·08	·06	·02	
31	·03	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·04	·12	·10	·07	·06	·02	
Means	0·04	·02	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·03	·05	·06	·06	·08	·09	·09	·09	0·03	

The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome the inertia of the instrument.

DIRECTION AND FORCE OF THE WIND

DIRECTION OF THE WIND—APRIL 1856

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction
Madras Mean Time	h.m. 4.41	h.m. 5.41	h.m. 6.41	h.m. 7.41	h.m. 8.41	h.m. 9.41	h.m. 10.41	h.m. 11.41	h.m. 12.41	h.m. 13.41	h.m. 14.41	h.m. 15.41	h.m. 16.41	h.m. 17.41	h.m. 18.41	h.m. 19.41	h.m. 20.41	h.m. 21.41	h.m. 22.41	h.m. 23.41	h.m. 0.41	h.m. 1.41	h.m. 2.41	h.m. 3.41		
	parts	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	o	
1	9	9	10	10	10	10	10	10	10	10	10	10	10	10	11	13	12	12	13	11	12	12	12	12	112	ESE
2	14	16	14	14	15	15	15	15	15	15	15	15	15	15	16	20	20	21	15	16	16	16	16	15	182	S
3	16	16	16	16	16	17	18	18	19	21	21	21	20	20	20	20	22	21	24	15	16	16	15	17	207	SSW
4	14	14	13	14	14	14	14	15	16	16	16	16	16	16	16	18	18	19	13	13	13	13	13	12	167	S by E
5	14	14	14	13	13	13	13	13	13	13	13	13	20	20	20	20	20	20	19	14	14	14	14	14	173	S by E
6	14	14	13	13	11	12	12	13	13	13	16	13	16	16	16	16	16	17	17	15	12	12	12	12	157	SSE
7	15	15	16	16	16	16	17	15	19	19	19	17	17	17	17	18	18	16	16	16	15	15	15	15	185	S
8	15	15	15	15	15	15	17	18	17	17	18	19	18	17	18	17	17	19	16	15	15	15	15	15	184	S
9	14	14	14	14	14	15	15	15	15	16	18	18	18	19	19	18	18	15	16	15	15	15	15	15	178	S
10	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	14	13	13	10	11	11	11	10	141	S E by S
11	11	12	12	12	12	12	12	12	12	12	12	12	10	10	8	8	11	11	14	12	12	12	13	13	130	SE
12	11	12	12	12	12	12	13	13	13	13	13	13	13	13	13	13	14	14	13	13	12	13	13	13	143	S E by S
13	15	15	15	16	16	16	17	18	20	20	20	18	18	18	19	20	19	19	15	15	15	15	15	14	191	S by W
14	15	15	16	18	17	16	17	18	19	25	27	28	6	29	29	30	2	4	5	8	9	10	10	10	185	S
15	9	10	11	15	15	14	14	15	15	15	15	15	15	15	21	25	27	29	31	16	17	15	15	16	200	SSW
16	8	9	11	12	12	13	13	14	14	16	17	17	17	17	12	18	19	13	9	8	9	10	10	10	144	S E by S
17	12	12	11	11	11	11	11	11	11	11	11	11	11	11	6	1	16	15	15	14	14	13	12	13	129	S E by E
18	10	10	9	9	10	10	10	10	10	10	14	14	14	16	18	26	17	12	12	12	12	12	13	13	136	SE
19	16	16	18	17	17	17	18	18	18	18	18	23	23	23	23	24	22	21	16	16	16	16	17	16	210	S W by S
20	16	16	17	18	18	18	18	18	18	18	18	18	20	19	18	18	19	16	16	16	15	15	16	14	194	S by W
21	14	14	15	16	16	16	16	16	16	17	19	18	18	18	17	19	16	16	16	16	15	15	16	15	183	S
22	16	17	17	17	17	17	17	17	17	17	17	19	19	19	20	20	20	18	17	16	16	16	16	16	196	S by W
23	15	15	15	15	15	15	15	16	17	19	20	21	23	22	21	22	20	20	20	17	16	16	16	16	200	SSW
24	15	15	16	16	16	16	16	16	16	16	19	19	19	19	19	18	20	20	16	16	15	16	15	15	189	S by W
25	16	16	16	16	16	16	16	18	19	18	17	17	18	19	20	21	24	1	9	12	11	10	6	4	181	S
26	3	4	4	4	4	4	4	4	28	24	24	23	23	23	23	23	22	20	13	11	12	13	13	13	93	E
27	15	15	16	15	16	16	16	15	15	14	14	14	14	14	14	16	17	16	13	13	13	13	12	31	162	SSE
28	1	1	1	1	21	20	24	25	25	25	25	25	25	25	29	30	6	8	8	8	8	9	10	10	318	NW
29	11	11	12	13	13	14	15	16	20	21	23	22	21	25	26	23	23	21	28	12	12	12	12	12	193	S by W
30	8	8	10	11	12	11	12	14	15	16	18	19	19	19	18	17	16	20	21	19	11	12	11	10	153	SSE
Hourly Means	o 140 SE	o 144 SEbS	o 150 SEbS	o 154 SSE	o 160 SSE	o 160 SSE	o 167 SbE	o 171 SbE	o 180 S	o 187 SbW	o 193 SbW	o 193 SbW	o 193 SbW	o 199 SSW	o 204 SSW	o 217 SWbS	o 205 SSW	o 189 SbW	o 156 SSE	o 154 SSE	o 149 SEbS	o 150 SEbS	o 149 SEbS	o 146 SEbS	o 170	S by E
No. of Observations with the wind in each quarter NW	0	0	0	0	0	0	1	1	2	3	3	2	1	3	3	5	2	1	3	0	0	0	0	1	31	Obs. N W
SW	5	6	9	10	12	12	12	12	14	16	17	17	19	19	20	20	22	18	12	10	6	6	6	5	305	„ S W
SE	23	22	19	18	17	17	16	16	14	11	10	11	9	8	6	4	4	9	14	20	24	24	23	23	362	„ S E
NE	2	2	2	2	1	1	1	1	0	0	0	0	1	0	1	1	2	2	1	0	0	0	1	1	22	„ N E

FORCE OF THE WIND—APRIL 1856

	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	
1	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·01	0·04	0·05	0·08	0·07	0·01	
2	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·07	·16	·18	·00	·08	·05	·12	·14	·07	·04	
3	·13	·10	·05	·03	·02	·01	·03	·04	·02	·00	·00	·00	·00	·00	·00	·03	·12	·15	·11	·02	·08	·06	·07	·08	·05	
4	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·10	·12	·08	·10	·13	·11	·08	·10	·04	
5	·02	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·13	·15	·10	·08	·00	·00	·00	·00	·02	
6	·00	·00	·00	·00	·01	·06	·03	·00	·00	·00	·00	·00	·00	·00	·00	·10	·28	·20	·18	·10	·03	·08	·05	·03	·05	
7	·03	·02	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·15	·24	·35	·28	·15	·38	·20	·10	·08	·05	
8	·08	·06	·10	·13	·15	·12	·00	·00	·00	·00	·01	·07	·03	·00	·02	·20	·32	·30	·10	·08	·07	·15	·20	·18	·10	
9	·25	·20	·15	·10	·08	·00	·00	·00	·00	·00	·00	·01	·03	·02	·01	·15	·12	·07	·13	·12	·17	·27	·18	·15	·09	
10	·15	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·02	·02	·00	·01	·05	·00	·00	·01	
11	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·08	·02	·02	·05	·03	·02	·01	
12	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·03	·05	·03	·35	·68	·82	·08	
13	·09	·07	·02	·03	·04	·01	·01	·00	·05	·04	·04	·01	·04	·03	·04	·18	·12	·15	·12	·10	·12	·15	·10	·08	·07	
14	·13	·08	·04	·09	·04	·03	·02	·00	·00	·00	·00	·00	·02	·00	·00	·00	·08	·14	·12	·03	·00	·00	·03	·02	·04	
15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·15	·10	·08	·03	·09	·12	·15	·15	·04	
16	·13	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·00	·00	·08	·04	·14	·15	·13	·03	
17	·10	·07	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·04	·06	·08	·08	·07	·06	·03	
18	·05	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·03	·02	·03	·03	·05	·12	·08	·02	
19	·10	·09	·07	·00	·00	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·04	·07	·03	·05	·10	·15	·18	·12	·04	
20	·10	·08	·03	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·12	·15	·48	·52	·15	·50	·47	·20	·12	
21	·03	·03	·02	·00	·00	·00	·00	·01	·00	·00	·02	·00	·00	·00	·00	·10	·30	1·02	·62	·48	·52	·65	·50	·25	·19	
22	·10	·08	·03	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·13	·18	0·15	·12	·10	·10	·08	·04	·03	·05	
23	·06	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·03	·08	·12	·15	·10	·11	·08	·06	·05	·07	·03	·04	
24	·01	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·04	·00	·03	·06	·09	·10	·12	·13	·08	·07	·07	·06	·04	
25	·07	·08	·02	·02	·00	·00	·00	·00	·01	·00	·00	·00	·00	·00	·02	·06	·08	·07	·07	·02	·04	·05	·15	·75	·06	
26	·15	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·08	·00	·03	·08	·13	·15	·17	·04	
27	·08	·04	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·12	·13	·10	·09	·15	·13	·22	·15	·06	·05	
28	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	.00	·00	·08	·05	·03	·01	
29	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·05	·02	·00	·00	·02	·08	·10	·12	·02	·08	·10	·12	·15	·04	
30	·08	·03	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·10	·28	·18	·15	·10	·15	·24	·15	·06	
Means	0·07	·04	·02	·01	·01	·01	·00	·00	·00	·00	·00	·01	·01	·00	·01	·06	·10	·14	·11	·09	·09	·14	·14	·14	0·05	

The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome the inertia of the instrument.

DIRECTION AND FORCE OF THE WIND

DIRECTION OF THE WIND—MAY 1856

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction
Madras Mean Time	h.m. 4.41	h.m. 5.41	h.m. 6.41	h.m. 7.41	h.m. 8.41	h.m. 9.41	h.m. 10.41	h.m. 11.41	h.m. 12.41	h.m. 13.41	h.m. 14.41	h.m. 15.41	h.m. 16.41	h.m. 17.41	h.m. 18.41	h.m. 19.41	h.m. 20.41	h.m. 21.41	h.m. 22.41	h.m. 23.41	h.m. 0.41	h.m. 1.41	h.m. 2.41	h.m. 3.41		
	parts	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	o	
1	10	9	8	8	8	13	15	18	16	14	15	15	16	23	6	6	13	12	25	8	6	8	6	7	124	s E by E
2	14	13	13	13	13	14	22	20	20	21	19	19	19	19	18	19	21	23	21	20	12	12	12	12	192	s by W
3	12	12	12	19	18	16	15	15	16	16	17	18	16	16	16	18	20	21	21	13	13	14	14	14	179	S
4	14	15	14	26	23	20	18	18	18	18	18	18	18	18	24	22	20	16	14	14	14	14	14	14	184	S
5	12	12	12	12	12	12	19	16	16	16	16	16	16	16	15	15	18	13	12	12	12	12	12	12	158	S S E
6	13	13	13	14	15	15	15	16	18	18	20	20	19	17	19	18	17	17	12	12	12	12	12	11	172	s by E
7	12	13	12	12	13	15	15	16	16	19	17	16	16	17	18	18	17	20	21	13	13	13	13	13	172	s by E
8	11	12	12	12	23	22	22	21	19	17	17	17	17	17	19	18	20	13	10	10	11	11	12	12	157	S S E
9	13	13	12	12	13	14	14	14	14	14	14	15	16	17	17	17	17	17	13	13	13	12	12	12	158	S S E
10	12	12	13	13	13	14	16	17	16	16	16	16	16	15	16	14	15	17	13	13	13	13	13	13	162	S S E
11	12	12	12	13	13	14	16	16	16	16	16	16	17	17	17	18	19	20	16	12	13	13	13	13	169	s by E
12	15	15	15	15	14	14	16	16	17	18	17	18	17	17	17	17	18	20	21	21	20	14	14	14	186	s by W
13	15	15	15	15	16	16	17	17	18	18	17	17	17	20	20	20	20	21	22	24	14	14	14	14	195	s by W
14	14	15	15	16	16	17	17	18	21	20	19	17	20	20	20	22	22	22	14	14	14	14	14	14	195	s by W
15	13	13	13	14	15	16	16	16	16	17	14	15	16	13	17	7	12	13	16	20	20	22	22	23	178	S
16	24	21	18	18	13	13	14	16	16	17	20	20	20	22	22	17	16	12	12	12	12	12	12	12	183	S
17	12	12	13	15	15	15	16	15	15	15	15	15	15	15	19	20	20	22	16	10	10	12	12	13	167	s by E
18	10	10	9	9	9	9	9	9	9	9	9	9	22	22	28	22	19	18	17	16	16	15	11	8	151	S E by S
19	1	1	1	1	1	1	1	1	1	9	9	13	1	1	3	4	2	4	4	4	3	3	1	1	33	N E by N
20	0	1	31	1	4	4	5	5	5	8	8	12	12	30	30	30	28	25	20	18	19	18	17	14	325	N W by N
21	16	17	13	13	13	13	14	16	18	18	17	17	17	17	17	16	16	16	17	16	20	18	14	14	180	S
22	14	19	16	16	16	16	17	20	20	21	21	21	21	21	21	21	22	19	11	12	12	12	13	13	195	s by W
23	12	14	15	15	18	16	16	16	16	16	17	17	16	18	18	18	19	20	21	21	21	21	21	12	194	s by W
24	15	15	16	16	16	16	16	18	18	18	20	20	20	20	20	21	21	22	23	24	21	23	23	21	217	s W by S
25	19	18	18	20	20	18	18	18	19	19	18	18	18	18	17	18	19	20	20	20	21	22	22	21	206	S S W
26	19	17	17	17	16	16	16	17	19	20	18	18	18	18	20	21	21	21	22	23	23	23	23	24	214	S W by S
27	20	18	19	20	23	21	21	21	22	23	23	23	24	25	25	26	26	27	28	29	30	10	11	14	257	W by S
28	11	12	12	12	20	21	21	22	24	24	24	23	23	24	25	25	26	27	28	28	28	28	28	28	258	W by S
29	24	24	24	22	20	21	22	22	23	22	22	22	23	23	23	23	24	25	25	24	24	24	24	25	260	W by S
30	21	20	20	20	20	21	21	21	21	22	22	22	22	22	22	23	23	23	23	22	24	23	23	23	246	W S W
31	24	25	25	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	261	W by S
Hourly Means	o 167 sbE	o 166 sbE	o 160 sSE	o 171 sbE	o 179 S	o 181 S	o 191 sbW	o 195 sbW	o 201 SSW	o 198 SSW	o 195 sbW	o 198 SSW	o 206 SSW	o 216 SWbS	o 226 SW	o 222 SW	o 224 SW	o 220 SW	o 205 SSW	o 187 sbW	o 180 S	o 176 S	o 175 S	o 169 sbE	o 192	s by W
No. of Observations with the wind in each quarter NW	3	2	3	1	0	0	0	0	1	1	1	0	1	3	5	3	4	4	4	5	4	2	2	3	52	Obs. N W
SW	5	7	7	11	15	16	21	25	25	24	23	24	27	24	23	23	23	21	17	11	9	9	8	5	403	„ S W
S E	21	20	20	17	14	13	8	4	3	6	7	7	2	3	1	2	3	5	9	14	16	19	19	21	254	„ S E
NE	2	2	1	2	2	2	2	2	2	0	0	0	1	1	2	3	1	1	1	1	2	1	2	2	35	„ N E

FORCE OF THE WIND—MAY 1856

	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	
1	0·03	0·00	0·00	0·00	0·00	0·00	0·00	0·01	0·00	0·00	0·00	0·05	0·02	0·03	1·10	0·05	0·00	0·00	0·00	0·00	0·00	0·00	0·02	0·00	0·05	
2	·00	·00	·00	·00	·00	·00	·04	·00	·02	·02	·01	·00	·00	·00	0·00	·03	·12	·20	·22	·10	·08	·09	·12	·10	·05	
3	·12	·08	·00	·01	·00	·02	·00	·00	·03	·00	·00	·00	·00	·00	·00	·10	·13	·15	·12	·07	·10	·13	·15	·12	·06	
4	·15	·10	·04	·00	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·05	·06	·07	·08	·10	·10	·09	·10	·04	
5	·10	·12	·05	·00	·00	·00	·00	·02	·00	·00	·00	·00	·00	·00	·02	·08	·09	·08	·10	·15	·22	·18	·15	·03	·06	
6	·00	·00	·02	·00	·02	·00	·00	·02	·06	·04	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·08	·11	·12	·06	·02	
7	·05	·07	·00	·00	·00	·00	·01	·00	·01	·03	·05	·00	·00	·00	·07	·10	·08	·12	·13	·04	·08	·10	·09	·15	·05	
8	·12	·10	·00	·00	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·04	·08	·00	·03	·06	·08	·15	·18	·12	·04	
9	·13	·08	·06	·04	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·13	·12	·12	·11	·13	·30	·65	·25	·18	·10	
10	·08	·07	·06	·06	·05	·04	·05	·02	·00	·00	·00	·00	·00	·00	·00	·02	·08	·12	·10	·08	·12	·13	·15	·12	·06	
11	·15	·08	·00	·02	·00	·00	·00	·00	·00	·00	·00	·00	·02	·01	·06	·16	·15	·14	·12	·04	·12	·13	·15	·12	·06	
12	·13	·10	·10	·07	·00	·00	·00	·05	·05	·08	·03	·02	·00	·00	·07	·13	·15	·20	·18	·15	·10	·15	·25	·23	·09	
13	·15	·14	·15	·08	·05	·03	·05	·06	·08	·09	·02	·00	·00	·04	·10	·15	·17	·18	·18	·17	·03	·08	·12	·15	·09	
14	·05	·06	·08	·08	·00	·03	·01	·10	·15	·10	·10	·03	·02	·04	·06	·16	·20	·24	·15	·12	·28	·32	·24	·15	·12	
15	·17	·15	·08	·10	·13	·14	·15	·12	·04	·07	·03	·00	·02	·00	·15	·13	·35	·12	·08	·06	·17	·20	·25	·18	·12	
16	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·06	·10	·08	·13	·02	
17	·09	·02	·00	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·10	·12	·03	·02	·01	·01	·04	·05	·04	·02	
18	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
19	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·07	·06	·10	·22	·12	·13	·04	·00	·00	·03	
20	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·27	·25	·20	·85	1·02	·24	·26	·15	·13	
21	·00	·03	·02	·00	·00	·00	·00	·10	·13	·00	·00	·00	·00	·00	·00	·00	·03	·10	·15	·14	0·25	·18	·08	·11	·05	
22	·10	·65	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·02	·13	·08	·04	
23	·05	·12	·15	·13	·17	·00	·00	·00	·00	·00	·00	·00	·00	·02	·04	·05	·12	·17	·30	·60	·58	·25	·19	·10	·13	
24	·05	·03	·07	·06	·05	·03	·15	·16	·10	·08	·03	·07	·02	·00	·00	·03	·18	·25	·30	·28	·27	·26	·32	·25	·13	
25	·15	·17	·10	·55	·32	·24	·10	·08	·04	·00	·00	·00	·00	·00	·00	·02	·07	·12	·15	·14	·22	·30	·18	·12	·13	
26	·07	·02	·03	·05	·08	·06	·04	·01	·00	·00	·00	·00	·00	·00	·00	·00	·08	·25	·45	·62	·38	·32	·27	·05	·12	
27	·03	·10	·00	·13	·17	·15	·12	·15	·18	·30	·32	·45	·48	·42	·37	1·35	·85	·55	·30	·54	·35	·20	·15	·12	·32	
28	·05	·02	·00	·00	·00	·12	·10	·15	·22	·20	·25	·24	·23	·30	·35	0·48	1·25	1·37	1·35	1·72	1·58	·95	1·00	·70	·53	
29	·25	·10	·08	·00	·00	·02	·05	·10	·15	·18	·17	·25	·30	·28	·27	·25	0·42	0·45	0·52	0·48	0·56	1·25	0·62	·35	·30	
30	·28	·27	·22	·15	·17	·30	·42	·40	·55	·45	·32	·30	·32	·32	·30	·34	·47	·65	·62	·45	·37	0·36	·35	·28	·36	
31	·42	·40	·20	·06	·04	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	
Means	0·10	·10	·05	·05	·04	·04	·04	·05	·06	·05	·04	·05	·05	·05	·10	·13	·18	·19	·20	·23	·25	·23	·19	·14	0·11	

The force is given in pounds and decimals of a pound on one square foot.
The entry ·00 denotes calms or pressures too small to overcome the inertia of the instrument.

DIRECTION AND FORCE OF THE WIND

DIRECTION OF THE WIND—JUNE 1856

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction
Madras Mean Time	h.m. 4.41	h.m. 5.41	h.m. 6.41	h.m. 7.41	h.m. 8.41	h.m. 9.41	h.m. 10.41	h.m. 11.41	h.m. 12.41	h.m. 13.41	h.m. 14.41	h.m. 15.41	h.m. 16.41	h.m. 17.41	h.m. 18.41	h.m. 19.41	h.m. 20.41	h.m. 21.41	h.m. 22.41	h.m. 23.41	h.m. 0.41	h.m. 1.41	h.m. 2.41	h.m. 3.41		
	parts	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	o	
1	20	14	14	14	20	25	25	25	25	25	25	25	25	25	25	24	23	21	21	21	24	23	23	23	251	w s w
2	22	22	25	21	20	20	24	24	23	24	24	23	24	23	23	23	24	24	25	23	23	26	28	5	270	w
3	9	15	13	26	20	20	20	20	22	23	22	20	21	21	24	24	25	25	25	26	26	27	26	26	246	w s w
4	24	7	9	13	14	15	15	16	16	18	18	19	20	19	21	26	24	24	26	27	27	29	5	6	205	s s w
5	9	13	12	12	12	12	20	29	29	17	17	17	17	17	19	20	24	25	26	26	25	27	27	26	224	s w
6	25	22	20	20	17	15	15	17	29	29	27	23	23	23	24	24	24	24	24	24	25	21	21	21	252	w s w
7	21	22	23	20	21	20	19	20	21	23	23	24	23	22	21	22	22	22	22	21	21	21	21	20	241	s w by w
8	21	21	22	22	22	23	23	24	23	24	23	21	20	20	20	20	21	22	23	23	22	23	22	22	247	w s w
9	21	21	15	16	21	21	22	22	23	23	21	21	21	21	20	20	21	22	22	22	21	21	22	22	235	s w by w
10	20	20	26	28	28	21	21	21	21	22	22	21	21	21	21	21	22	22	22	22	23	23	26	27	254	w by s
11	21	20	12	13	18	18	17	17	17	23	21	22	22	22	22	24	24	24	25	25	25	25	25	25	238	s w by w
12	26	26	21	21	23	24	23	23	22	22	22	21	21	22	22	23	24	25	25	25	25	25	25	25	263	w by s
13	22	23	21	20	18	17	21	21	21	22	22	22	22	21	22	22	23	24	25	25	27	6	6	8	225	s w
14	9	12	13	13	16	16	20	20	20	27	26	21	21	21	21	21	22	23	23	23	23	27	27	7	221	s w
15	10	4	8	14	16	17	18	16	18	18	18	18	19	19	20	22	23	23	23	24	24	25	26	5	201	s s w
16	9	10	10	13	13	14	14	16	16	17	17	20	22	22	23	24	24	24	24	24	24	24	24	23	211	s w by s
17	25	23	10	14	15	15	16	18	18	20	20	21	21	21	21	24	25	25	24	23	24	23	17	12	223	s w
18	12	13	14	15	15	16	17	17	18	18	19	19	18	18	19	24	25	25	26	24	23	27	9	11	207	s s w
19	9	10	10	11	12	14	15	20	20	20	20	21	20	20	20	22	24	24	28	29	28	28	28	29	226	s w
20	25	8	10	11	11	14	15	16	18	20	20	18	18	18	21	21	29	28	22	20	23	23	24	25	215	s w by s
21	27	27	9	9	10	13	13	14	15	16	15	16	19	19	19	17	19	20	23	25	26	26	26	27	211	s w by s
22	6	7	12	12	12	12	12	29	10	9	12	14	14	14	15	15	23	23	25	26	26	25	24	8	180	s
23	11	12	12	12	12	12	12	13	15	16	16	18	19	28	28	26	24	24	25	26	27	28	7	11	203	s s w
24	8	13	12	12	13	13	14	16	15	17	16	16	17	17	18	19	19	21	27	28	29	8	11	11	183	s
25	12	12	12	12	12	12	12	14	17	17	24	28	27	28	29	29	29	29	28	28	28	28	12	13	231	s w by w
26	13	13	13	14	14	15	15	16	18	21	21	21	21	21	21	22	23	22	25	24	28	6	8	3	196	s by w
27	12	12	15	15	15	15	15	15	15	16	17	17	17	17	17	24	24	24	23	23	23	24	20	13	201	s s w
28	11	11	11	11	12	12	13	14	16	16	16	16	17	17	16	17	20	22	22	22	12	12	12	12	169	s by E
29	13	13	13	13	14	15	16	16	16	17	17	17	18	18	18	18	18	20	22	22	12	13	13	13	180	s
30	14	14	14	15	16	20	20	23	28	27	26	26	26	26	26	26	25	26	26	25	26	28	12	14	248	w s w
	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	
Hourly Means	183 s	171 sbE	162 sse	173 sbE	181 s	186 sbw	195 sbw	214 swbs	219 sw	228 sw	228 sw	227 sw	230 sw	233 swbw	238 swbw	249 wsw	261 wbs	265 w	273 w	272 w	270 w	252 wsw	216 swbs	184 s	221	s w
No. of Observations with the wind in each quarter: N W	6	2	2	2	1	2	2	5	4	6	6	4	4	4	6	12	16	17	18	18	19	17	13	8	194	Obs. N W
S W	8	9	5	7	13	12	15	20	21	23	22	25	25	25	23	17	14	13	12	12	9	8	7	6	351	„ S W
S E	15	16	23	21	16	16	13	5	5	1	2	1	1	1	1	1	0	0	0	0	2	3	7	11	161	„ S E
N E	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	5	14	„ N E

FORCE OF THE WIND—JUNE 1856

	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	
1	0·00	0·00	0·00	0·00	0·08	0·35	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·08	0·13	0·20	0·23	0·20	0·55	0·50	0·45	0·37	0·13	
2	·13	·12	·08	·00	·00	·00	·20	·25	·18	·17	·18	·15	·10	·00	·12	·24	·22	·25	·18	·20	·17	·14	·08	·05	·13	
3	·03	·05	·00	·08	·00	·00	·00	·00	·00	·15	·07	·05	·02	·03	·06	·15	·22	·25	·26	·20	·17	·12	·10	·04	·09	
4	·00	·00	·00	·00	·05	·08	·07	·10	·11	·04	·05	·07	·00	·00	·03	·03	·02	·07	·08	·07	·08	·02	·03	·02	·04	
5	·07	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·05	·13	·15	·14	·13	·18	·20	·25	·12	·06	
6	·08	·02	·04	·00	·00	·00	·00	·00	·05	·00	·00	·00	·14	·15	·10	·17	·25	·24	·23	·18	·17	·17	·15	·10	·09	
7	·10	·17	·08	·06	·08	·10	·02	·04	·03	·10	·13	·11	·08	·03	·01	·06	·07	·16	·23	·15	·17	·18	·16	·15	·10	
8	·12	·16	·12	·14	·00	·02	·05	·03	·12	·14	·10	·00	·00	·00	·04	·08	·16	·20	·28	·25	·22	·60	·45	·25	·15	
9	·15	·07	·08	·07	·10	·10	·12	·08	·09	·12	·00	·00	·00	·00	·08	·13	·14	·16	·15	·13	·12	·10	·20	·22	·10	
10	·10	·12	·15	·10	·00	·00	·00	·00	·06	·04	·03	·00	·00	·00	·00	·00	·15	·18	·20	·18	·15	·12	·08	·00	·07	
11	·04	·06	·02	·03	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·13	·15	·30	·45	·62	·47	·35	·30	·20	·13	
12	·06	·40	·00	·00	·13	·12	·09	·08	·06	·05	·10	·04	·00	·00	·00	·08	·15	·18	·25	·15	·20	·15	·13	·12	·11	
13	·08	·05	·08	·15	·00	·00	·00	·08	·14	·16	·07	·00	·02	·05	·04	·15	·20	·23	·25	·17	·15	·08	·13	·08	·10	
14	·03	·00	·06	·02	·08	·02	·03	·10	·00	·00	·00	·00	·08	·10	·11	·12	·14	·13	·16	·12	·10	·15	·13	·08	·07	
15	·00	·05	·02	·04	·10	·12	·08	·02	·13	·14	·12	·10	·00	·00	·00	·12	·20	·23	·25	·22	·23	·17	·15	·08	·11	
16	·05	·03	·02	·08	·09	·10	·11	·08	·04	·02	·05	·03	·04	·05	·03	·06	·11	·55	·34	·25	·18	·22	·25	·32	·13	
17	·08	·07	·03	·02	·11	·10	·09	·06	·03	·04	·00	·00	·00	·00	·00	·13	·14	·15	·18	·20	·17	·15	·12	·12	·08	
18	·12	·08	·05	·12	·10	·15	·17	·12	·03	·08	·07	·03	·00	·00	·00	·15	·10	·13	·14	·10	·13	·14	·10	·12	·09	
19	·08	·09	·02	·01	·01	·04	·06	·12	·10	·00	·00	·00	·00	·00	·00	·05	·12	·14	·13	·12	·09	·07	·08	·04	·06	
20	·00	·00	·00	·00	·00	·00	·00	·03	·17	·22	·25	·02	·00	·00	·00	·00	·03	·00	·00	·00	·06	·12	·05	·02	·04	
21	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·00	·00	·00	·00	·00	·00	·03	·04	·12	·10	·15	·16	·12	·08	·03	
22	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·12	·13	·13	·12	·11	·10	·03	
23	·09	·08	·05	·00	·00	·00	·00	·00	·03	·00	·07	·08	·03	·00	·00	·00	·10	·13	·12	·12	·11	·10	·10	·09	·05	
24	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·03	·04	·07	·10	·08	·06	·03	·06	·02	
25	·05	·63	·00	·00	·00	·00	·00	·00	·04	·08	·15	·12	·00	·00	·00	·00	·00	·00	·05	·08	·12	·10	·05	·08	·04	
26	·07	·09	·03	·00	·00	·00	·00	·00	·00	·02	·00	·00	·00	·05	·00	·02	·10	·07	·13	·08	·11	·04	·03	·08	·04	
27	·03	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·06	·14	·15	·16	·12	·10	·08	·09	·07	·04	
28	·10	·04	·02	·00	·00	·00	·00	·00	·10	·05	·00	·00	·00	·00	·00	·03	·07	·10	·13	·10	·08	·13	·16	·12	·05	
29	·13	·10	·10	·08	·06	·07	·12	·10	·15	·14	·12	·08	·03	·06	·05	·15	·13	·09	·10	·10	·12	·15	·18	·19	·11	
30	·12	·10	·09	·08	·09	·08	·02	·02	·10	·00	·00	·00	·00	·00	·00	·13	·14	·17	·20	·16	·15	·13	·10	·12	·08	
Means	0·07	·07	·04	·04	·04	·05	·04	·04	·06	·06	·05	·03	·02	·02	·02	·08	·12	·16	·18	·16	·16	·16	·15	·12	0·08	

The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome the inertia of the instrument.

DIRECTION AND FORCE OF THE WIND

DIRECTION OF THE WIND—JULY 1856

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction
Madras Mean Time	h.m. 4.41	h.m. 5.41	h.m. 6.41	h.m. 7.41	h.m. 8.41	h.m. 9.41	h.m. 10.41	h.m. 11.41	h.m. 12.41	h.m. 13.41	h.m. 14.41	h.m. 15.41	h.m. 16.41	h.m. 17.41	h.m. 18.41	h.m. 19.41	h.m. 20.41	h.m. 21.41	h.m. 22.41	h.m. 23.41	h.m. 0.41	h.m. 1.41	h.m. 2.41	h.m. 3.41		
	parts	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	o	
1	15	17	14	13	13	14	16	6	14	14	17	18	20	22	15	15	15	15	16	16	18	18	18	20	178	s
2	10	16	17	12	18	16	16	16	16	16	22	23	22	24	24	24	24	24	26	26	26	27	28	28	235	s w by w
3	26	12	13	13	13	14	17	17	17	18	20	20	20	20	21	20	20	23	24	24	24	24	26	23	220	s w
4	25	9	11	12	13	16	16	19	20	19	22	20	19	16	16	16	18	19	20	20	16	12	11	12	186	s by w
5	12	13	12	14	19	16	19	21	20	20	19	18	16	16	16	20	20	16	20	16	13	13	12	12	184	s
6	12	12	12	13	13	14	15	18	19	24	24	25	26	28	28	18	12	8	8	8	9	11	12	12	179	s
7	9	11	11	11	12	16	17	18	20	20	21	22	22	21	21	20	20	21	26	27	25	21	20	19	211	s w by s
8	17	12	2	10	15	16	17	18	18	19	19	19	17	17	17	18	22	24	26	25	26	12	0	22	206	s s w
9	24	26	13	20	20	21	21	20	21	24	24	24	24	25	24	24	25	26	28	28	28	7	8	8	240	s w by w
10	11	13	12	14	15	15	15	14	16	20	21	19	19	20	20	20	22	24	26	26	26	30	30	10	215	s w by s
11	6	6	9	12	20	17	19	20	19	18	18	18	18	19	20	21	23	24	27	27	27	28	20	20	214	s w by s
12	31	3	13	16	16	18	22	23	25	25	24	22	23	21	20	19	20	24	24	23	23	23	23	23	236	s w by w
13	23	22	10	11	17	15	16	20	21	21	22	20	20	20	17	20	20	20	20	20	20	22	21	21	215	s w by s
14	21	21	20	20	19	19	18	18	18	18	21	20	20	20	20	20	19	20	22	22	22	22	22	22	227	s w
15	25	21	20	14	14	14	14	18	15	16	18	21	21	21	20	20	21	21	22	22	21	21	22	22	217	s w by s
16	20	29	4	11	11	12	19	16	15	15	15	17	18	19	18	19	20	21	21	21	20	22	20	20	199	s s w
17	24	4	11	14	13	13	13	15	17	18	18	18	19	20	21	22	22	22	21	21	22	20	11	10	191	s by w
18	13	13	13	13	13	14	14	16	16	16	17	18	17	18	18	20	24	24	23	24	23	20	12	12	193	s by w
19	12	13	13	14	16	16	15	16	18	18	19	21	22	24	24	24	24	24	22	22	22	22	22	21	217	s w by s
20	23	14	14	16	16	17	17	18	18	20	21	24	24	24	23	23	24	23	22	23	22	22	20	19	228	s w
21	16	16	17	16	18	18	20	20	21	21	21	21	21	20	20	20	20	20	21	21	21	20	20	19	219	s w
22	19	19	18	17	19	21	21	22	22	22	22	24	23	22	20	20	22	23	23	23	23	23	23	23	241	s w by w
23	23	24	24	23	23	23	22	23	23	23	24	24	23	23	23	25	24	24	24	23	22	21	21	21	259	w by s
24	21	21	20	13	14	24	24	24	24	24	24	24	23	23	24	23	24	24	24	24	24	24	23	22	253	w s w
25	22	20	13	13	14	15	16	18	19	20	21	24	22	23	22	21	23	23	24	24	23	22	22	21	227	s w
26	18	17	17	14	15	15	15	20	17	16	17	18	18	18	17	17	18	21	21	21	23	23	23	22	208	s w by s
27	23	23	23	23	21	20	23	24	23	24	23	21	21	21	20	20	21	21	21	23	20	20	12	12	236	s w by w
28	12	13	13	26	3	9	17	20	22	25	25	25	24	22	18	19	22	22	23	21	20	20	12	11	208	s w by s
29	14	17	16	18	19	19	19	19	19	19	19	19	19	19	20	22	22	22	23	24	22	22	20	18	220	s w
30	16	13	13	16	16	24	23	20	20	19	19	19	19	18	18	18	20	21	20	21	21	20	19	18	211	s w by s
31	19	20	23	22	22	19	18	18	18	18	18	18	18	18	18	18	18	21	21	21	20	20	20	20	218	s w by s
Hourly Means	o 204 ssw	o 178 s	o 160 sse	o 172 sbe	o 178 s	o 189 sbw	o 201 ssw	o 209 swbs	o 214 swbs	o 221 sw	o 230 sw	o 234 swbw	o 232 swbw	o 233 swbw	o 226 sw	o 228 sw	o 237 swbw	o 241 swbw	o 250 wsw	o 250 wsw	o 244 wsw	o 229 sw	o 219 swbs	o 204 ssw	o 216	s w by s
No. of Observations with the wind in each quarter NW	6	3	1	1	0	2	1	2	2	6	6	8	4	5	5	4	7	10	11	11	8	5	3	1	112	Obs. N W
SW	14	13	10	11	16	17	23	26	26	23	24	23	27	26	25	26	22	19	19	19	21	21	19	21	491	,, S W
SE	10	12	18	19	14	12	7	2	3	2	1	0	0	0	1	1	2	2	1	1	2	4	8	9	131	,, S E
NE	1	3	2	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	10	,, N E

FORCE OF THE WIND—JULY 1856

	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.
1	0·07	0·05	0·06	0·01	0·02	0·09	0·08	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·06	0·15	0·18	0·17	0·18	0·16	0·12	0·10	0·06
2	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·18	·14	·13	·10	·06	·00	·00	·03
3	·00	·05	·02	·03	·02	·01	·11	·10	·08	·04	·05	·03	·01	·03	·02	·01	·05	·10	·11	·12	·14	·15	·10	·05	·06
4	·00	·00	·00	·00	·00	·00	·00	·05	·13	·14	·12	·03	·00	·00	·00	·00	·00	·02	·05	·03	·00	·03	·06	·12	·03
5	·10	·12	·09	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·04	·06	·00	·02	·08	·10	·03
6	·08	·05	·00	·00	·00	·03	·01	·16	·10	·14	·12	·00	·00	·00	·00	·00	·00	·00	·00	·05	·08	·07	·10	·08	·04
7	·10	·09	·00	·00	·00	·05	·08	·07	·03	·05	·04	·06	·13	·15	·16	·13	·15	·10	·12	·14	·11	·13	·12	·12	·09
8	·02	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·14	·10	·00	·06	·08	·14	·15	·08	·06	·05	·07	·02	·04
9	·00	·00	·00	·06	·05	·02	·00	·00	·00	·00	·06	·07	·10	·11	·00	·03	·10	·13	·17	·15	·16	·08	·04	·02	·06
10	·02	·05	·01	·03	·08	·04	·07	·00	·00	·00	·02	·01	·00	·00	·00	·10	·12	·15	·11	·13	·08	·07	·05	·02	·05
11	·02	·01	·00	·00	·00	·00	·00	·02	·03	·05	·00	·00	·00	·00	·03	·10	·13	·15	·18	·13	·12	·09	·13	·02	·05
12	·03	·00	·00	·06	·00	·00	·10	·14	·48	·03	·05	·00	·00	·00	·00	·00	·03	·14	·20	·23	·24	·17	·15	·13	·09
13	·02	·00	·00	·00	·00	·10	·00	·00	·00	·02	·08	·00	·00	·00	·00	·08	·13	·15	·17	·24	·38	·45	·27	·22	·10
14	·15	·17	·10	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·05	·06	·14	·12	·13	·10	·13	·12	·06
15	·06	·00	·00	·00	·00	·00	·01	·03	·00	·00	·00	·03	·00	·00	·00	·04	·12	·14	·15	·17	·16	·13	·10	·09	·05
16	·03	·02	·00	·00	·00	·00	·00	·08	·00	·00	·00	·03	·00	·00	·00	·00	·03	·10	·12	·14	·15	·17	·11	·12	·05
17	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·11	·16	·18	·15	·17	·17	·18	·10	·13	·06
18	·06	·07	·07	·05	·08	·06	·10	·09	·08	·11	·10	·10	·05	·00	·00	·06	·14	·16	·17	·15	·17	·12	·10	·12	·09
19	·09	·10	·06	·13	·12	·08	·15	·12	·06	·05	·00	·02	·05	·07	·04	·10	·14	·17	·22	·28	·35	·30	·32	·18	·13
20	·16	·00	·00	·05	·12	·18	·15	·08	·00	·00	·00	·10	·14	·13	·15	·03	·04	·08	·12	·16	·14	·15	·13	·12	·09
21	·10	·13	·08	·07	·13	·02	·04	·06	·06	·11	·15	·14	·10	·00	·00	·00	·02	·07	·16	·24	·30	·23	·28	·20	·11
22	·16	·18	·12	·10	·08	·01	·01	·03	·08	·26	·22	·13	·00	·00	·00	·12	·25	·60	1·35	1·10	·98	·35	·38	·34	·29
23	·28	·20	·08	·75	·08	·12	·14	·15	·24	·17	·22	·10	·10	·08	·16	·24	·47	2·10	1·55	0·80	·35	·25	·32	·20	·38
24	·12	·11	·00	·00	·00	·10	·06	·08	·00	·00	·00	·00	·00	·00	·08	·11	·15	0·17	0·16	·15	·13	·12	·15	·14	·08
25	·13	·08	·02	·01	·05	·07	·10	·07	·02	·00	·08	·10	·08	·09	·05	·08	·16	·18	·15	·14	·16	·12	·13	·15	·09
26	·12	·13	·08	·03	·13	·14	·20	·05	·03	·00	·00	·00	·00	·00	·00	·00	·08	·12	·10	·16	·20	·17	·15	·16	·09
27	·13	·15	·00	·00	·00	·00	·03	·10	·04	·00	·00	·02	·00	·00	·00	·08	·10	·20	·18	·19	·12	·14	·10	·13	·07
28	·15	·13	·18	·58	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	.03	·15	·14	·16	·18	·17	·03	·06	·09
29	·08	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·13	·15	·14	·16	·14	·13	·08	·05
30	·00	·03	·00	·00	·00	·90	·08	·07	·05	·00	·00	·00	·00	·00	·00	·00	·08	·13	·15	·18	·17	·16	·14	·12	·09
31	·08	·00	·70	·00	·00	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·13	·15	·18	·17	·13	·10	·07
Means	0·08	·07	·05	·06	·03	·07	·05	·05	·05	·04	·04	·03	·03	·02	·02	·05	·10	·20	·22	·20	·19	·15	·14	·11	0·09

The force is given in pounds and decimals of a pound on one square foot.
The entry ·00 denotes calms or pressures too small to overcome the inertia of the instrument.

DIRECTION AND FORCE OF THE WIND

DIRECTION OF THE WIND—AUGUST 1856

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction
Madras Mean Time	h.m. 4.41	h.m. 5.41	h.m. 6.41	h.m. 7.41	h.m. 8.41	h.m. 9.41	h.m. 10.41	h.m. 11.41	h.m. 12.41	h.m. 13.41	h.m. 14.41	h.m. 15.41	h.m. 16.41	h.m. 17.41	h.m. 18.41	h.m. 19.41	h.m. 20.41	h.m. 21.41	h.m. 22.41	h.m. 23.41	h.m. 0.41	h.m. 1.41	h.m. 2.41	h.m. 3.41		
	parts	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	o	
1	18	9	14	16	24	13	13	14	20	20	21	21	21	22	23	21	20	21	20	20	20	20	22	22	213	s w by s
2	26	25	16	14	17	18	20	20	22	23	25	28	26	23	25	25	26	26	26	27	28	26	26	27	265	w
3	23	11	11	13	13	13	16	18	20	24	24	24	22	22	23	22	22	23	24	23	24	24	24	23	228	s w
4	24	13	14	14	15	15	18	22	20	23	25	21	21	21	21	23	25	26	26	26	26	26	23	13	235	s w by w
5	12	16	13	14	14	14	16	19	19	26	24	24	28	2	3	3	3	23	26	24	23	22	12	12	184	s
6	12	13	13	12	12	13	14	18	20	23	20	21	21	22	24	28	31	1	0	29	28	6	10	11	218	s w by s
7	12	11	12	13	13	13	16	16	18	18	18	17	21	21	22	26	28	30	29	29	31	—	—	—	222	s w
8	10	12	12	12	13	16	16	16	17	19	23	24	24	24	22	23	23	24	23	24	12	11	12	11	198	s s w
9	10	10	12	14	16	20	17	19	18	21	21	22	21	22	22	20	21	21	24	25	13	13	12	11	199	s s w
10	12	12	13	14	20	20	16	16	16	16	16	24	24	24	20	21	20	21	22	20	12	11	12	14	195	s by w
11	11	12	12	12	13	14	15	15	17	17	18	21	21	21	21	24	23	24	26	27	11	21	22	21	206	s s w
12	6	11	11	11	11	13	15	15	14	15	16	16	16	20	21	22	23	26	25	25	18	12	12	13	181	s
13	12	13	14	14	14	21	21	16	14	14	17	20	19	15	15	18	21	22	27	28	5	—	—	—	193	s by w
14	16	16	19	16	20	20	21	21	22	21	21	22	21	20	17	17	19	20	20	20	21	23	21	19	222	s w
15	14	13	13	12	13	14	27	27	18	17	15	18	19	20	20	20	21	23	24	24	24	24	28	30	224	s w
16	0	30	0	0	0	1	1	1	1	11	16	16	17	17	17	18	18	19	20	18	17	17	17	17	120	s E by E
17	18	18	20	22	21	21	21	20	24	23	19	19	22	22	22	22	22	20	21	21	23	24	25	24	241	s w by w
18	27	27	27	27	27	27	27	26	26	30	31	26	23	21	20	20	21	22	24	23	23	27	27	28	285	w by N
19	30	31	31	18	18	18	20	26	26	26	25	24	24	23	23	24	25	25	26	26	26	26	26	27	278	w by N
20	22	22	22	21	22	20	20	20	20	20	20	20	20	20	20	20	24	25	26	26	23	21	20	20	241	s w by w
21	15	18	16	16	18	18	17	18	19	20	20	21	20	20	20	23	26	27	26	27	28	28	28	28	242	w s w
22	12	11	11	11	12	13	14	14	14	18	24	28	28	28	28	24	24	23	22	19	11	11	11	11	198	s s w
23	10	10	10	21	20	20	18	18	20	21	21	21	25	26	26	27	28	30	0	16	11	12	12	12	219	s w by s
24	29	5	5	24	24	24	24	24	24	24	25	25	25	25	22	22	24	23	26	24	24	28	29	7	296	W N W
25	7	9	9	9	9	9	9	17	18	19	19	20	22	23	25	26	24	23	24	25	26	26	28	6	202	s s w
26	7	4	6	5	31	17	7	28	27	27	31	31	31	0	14	16	15	16	16	16	14	13	13	13	214	s w by s
27	15	16	15	15	15	15	15	15	15	15	15	15	15	16	16	16	17	17	20	21	23	26	8	8	180	s
28	10	11	12	14	14	18	14	14	17	18	20	22	22	21	21	21	20	20	20	20	18	18	15	13	194	s by w
29	13	14	16	16	24	20	19	21	21	21	20	20	20	20	20	20	21	21	23	23	22	22	23	23	226	s w
30	21	21	21	21	21	21	20	21	21	22	23	23	22	22	21	21	21	21	22	22	21	21	20	18	238	s w by w
31	17	17	17	17	17	18	20	21	22	22	22	23	23	21	22	21	22	22	22	22	22	22	21	21	232	s w by w
Hourly Means	o 171 sbE	o 144 sEbs	o 147 sEbs	o 166 sbE	o 201 ssw	o 199 ssw	o 212 swbs	o 221 sw	o 226 sw	o 230 sw	o 238 swbw	o 246 wsw	o 248 wsw	o 250 wsw	o 242 wsw	o 249 wsw	o 258 wbs	o 260 wbs	o 270 w	o 261 wbs	o 228 sw	o 225 sw	o 217 swbs	o 195 sbw	o 221	s w

No. of Observations with the wind in each quarter																										
N W	6	4	2	2	5	2	3	5	5	6	9	10	9	5	5	8	11	10	16	16	10	11	9	6	175	Obs. N W
S W	6	8	8	10	11	16	18	19	21	21	20	20	21	23	23	22	18	20	13	15	13	10	9	9	374	,, S W
S E	15	17	18	17	14	12	8	6	4	4	2	1	1	1	2	0	1	0	0	0	7	7	11	12	160	,, S E
N E	4	2	3	2	1	1	2	1	1	0	0	0	0	2	1	1	1	1	2	0	1	1	0	2	29	,, N E

FORCE OF THE WIND—AUGUST 1856

	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	
1	0·03	0·00	0·00	0·08	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·02	0·00	0·00	0·03	0·02	0·13	0·15	0·12	0·12	0·10	0·11	0·10	0·04	
2	·06	·00	·00	·00	·04	·12	·10	·03	·05	·09	·10	·03	·00	·00	·00	·09	·15	·14	·12	·11	·13	·14	·10	·08	·07	
3	·00	·00	·00	·00	·02	·00	·01	·00	·00	·08	·09	·00	·00	·00	·05	·10	·25	·35	·33	·30	·28	·24	·18	·10	·10	
4	·00	·03	·00	·00	·00	·00	·00	·00	·06	·07	·12	·08	·00	·00	·00	·03	·13	·17	·24	·20	·18	·17	·13	·10	·07	
5	·05	·04	·00	·00	·00	·00	·01	·03	·04	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·12	·15	·12	·10	·09	·03	
6	·04	·03	·00	·02	·00	·00	·00	·01	·01	·02	·03	·10	·13	·10	·02	·03	·05	·13	·15	·12	·14	·08	·06	·00	·05	
7	·00	·00	·00	·00	·00	·00	·01	·03	·09	·05	·08	·03	·00	·00	·04	·15	·14	·13	·12	·08	·11	—	—	—	·05	
8	·08	.01	·00	·00	·02	·02	·00	·00	·08	·02	·00	·00	·00	·00	·07	·17	·16	·18	·16	·13	·06	·08	·12	·10	·06	
9	·05	·00	·00	·00	·03	·02	·01	·00	·00	·00	·00	·00	·00	·00	·00	·06	·13	·14	·15	·10	·10	·12	·13	·12	·05	
10	·05	·05	·00	·02	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·12	·13	·12	·10	·10	·11	·09	·10	·05	
11	·04	·03	·01	·00	·00	·00	·00	·00	·06	·02	·01	·07	·00	·00	·00	·12	·14	·15	·18	·13	·10	·10	·09	·05	·05	
12	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·12	·14	·13	·12	·10	·00	·11	·13	·04	
13	·08	·09	·09	·00	·00	·07	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·13	·14	·15	·13	·02	—	—	—	·05	
14	·02	·00	·01	·02	·10	·08	·11	·05	·06	·04	·02	·02	·00	·00	·01	·03	·11	·10	·13	·12	·15	·12	·11	·08	·06	
15	·00	·00	·00	·00	·06	·08	·00	·00	·00	·00	·00	·00	·00	·00	·02	·13	·17	·22	·25	·27	·25	·18	·15	·10	·08	
16	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·12	·10	·12	·10	·11	·04	·00	·08	·11	·14	·13	·12	·12	·11	·06	
17	·00	·00	·00	·00	·01	·02	·05	·20	·25	·00	·00	·00	·09	·08	·03	·00	·00	·04	·05	·02	·02	·09	·03	·01	·04	
18	·00	·00	·00	·00	·00	·00	·00	·00	·00	·28	·02	·02	·08	·09	·01	·08	·10	·12	·16	·10	·09	·09	·12	·10	·06	
19	·00	·00	·01	·01	·00	·00	·01	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·10	·15	·14	·13	·12	·08	·03	
20	·00	·00	·00	·10	·12	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·04	·10	·13	·14	·13	·12	·12	·13	·05	
21	·02	·00	·00	·00	·00	·00	·00	·10	·06	·04	·09	·08	·02	·00	·00	·10	·13	·20	·14	·13	·12	·13	·12	·00	·06	
22	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·11	·08	·00	·00	·00	·00	·00	·02	·00	·00	·02	·05	·06	·09	·02	
23	·10	·03	·00	·02	·00	·06	·00	·00	·00	·00	·02	·00	·03	·00	·03	·10	·15	·12	·10	·00	·00	·00	·00	·00	·03	
24	·08	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·14	·10	·12	·10	·08	·02	·00	·03	
25	·00	·00	·00	·00	·00	·00	·00	·02	·00	·00	·09	·14	·11	·12	·11	·13	·09	·12	·15	·13	·10	·11	·07	·05	·06	
26	·00	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·10	·12	·08	·00	·00	·00	·00	·00	·00	·01	
27	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·00	·00	·00	·00	·00	
28	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·00	·00	·00	·00	·01	·00	·00	
29	·00	·02	·05	·01	·00	·00	·00	·00	·00	·00	·01	·10	·10	·02	·11	·13	·14	·17	·24	·28	·27	·28	·25	·24	·10	
30	·13	·15	·11	·12	·12	·10	·00	·00	·00	·08	·00	·01	·01	·00	·00	·02	·06	·09	·12	·14	·15	·14	·11	·10	·07	
31	·12	·10	·10	·12	·13	·08	·09	·16	·20	·13	·12	·10	·12	·10	·15	·13	·15	·14	·13	·21	·23	·20	·15	·13	·14	
Means	0·03	·02	·01	·02	·02	·02	·01	·02	·03	·03	·03	·03	·03	·02	·03	·07	·09	·12	·13	·12	·11	·11	·10	·08	0·05	

The force is given in pounds and decimals of a pound on one square foot.
The entry ·00 denotes calms or pressures too small to overcome the inertia of the instrument.

DIRECTION AND FORCE OF THE WIND

DIRECTION OF THE WIND—SEPTEMBER 1856

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction
Madras Mean Time	h.m. 4.41	h.m. 5.41	h.m. 6.41	h.m. 7.41	h.m. 8.41	h.m. 9.41	h.m. 10.41	h.m. 11.41	h.m. 12.41	h.m. 13.41	h.m. 14.41	h.m. 15.41	h.m. 16.41	h.m. 17.41	h.m. 18.41	h.m. 19.41	h.m. 20.41	h.m. 21.41	h.m. 22.41	h.m. 23.41	h.m. 0.41	h.m. 1.41	h.m. 2.41	h.m. 3.41		
	parts	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	o	
1	19	18	18	19	20	20	20	20	20	20	22	22	21	21	21	21	22	22	23	24	24	24	24	24	239	sw by w
2	25	24	24	22	22	21	21	22	22	22	22	21	22	22	22	22	22	22	21	21	21	23	22	23	249	w s w
3	25	25	23	23	23	23	23	23	23	23	22	21	22	22	23	23	24	24	25	25	26	26	26	26	267	w
4	27	28	26	25	25	25	26	26	21	19	18	18	18	18	18	21	24	24	26	25	31	7	7	10	240	s w by w
5	8	9	11	11	12	12	12	12	12	13	16	16	15	15	15	18	20	23	25	24	24	27	3	7	169	s by E
6	15	15	14	13	13	13	13	17	18	19	19	20	20	21	23	26	28	28	29	28	8	9	9	10	201	s s w
7	9	10	10	11	12	12	12	12	13	14	16	19	19	18	18	20	22	26	26	27	26	6	9	9	176	s
8	9	9	9	7	8	8	10	12	13	14	14	14	15	20	21	24	26	26	28	30	29	29	8	12	185	s
9	11	12	13	14	16	18	18	17	17	17	18	19	19	20	20	23	23	24	24	24	23	24	24	24	217	sw by s
10	22	11	5	12	14	15	14	14	14	17	19	19	22	23	22	22	24	24	23	24	23	24	22	23	212	sw by s
11	24	25	25	25	25	25	25	25	20	21	21	22	22	22	22	25	23	24	25	27	26	26	24	25	269	w
12	0	1	0	31	31	31	31	31	30	31	24	25	24	24	25	25	26	26	27	28	27	27	27	25	315	N W
13	23	22	26	26	25	24	24	22	0	30	26	18	19	26	25	22	21	21	22	24	24	24	26	23	270	w
14	24	23	7	8	8	8	11	12	17	16	16	18	18	18	17	18	18	19	18	18	19	12	11	11	171	s by E
15	11	11	11	11	11	12	14	15	15	15	17	17	18	19	25	26	25	23	26	26	28	26	24	22	210	sw by s
16	20	9	10	10	10	10	11	18	18	19	18	18	18	18	20	25	26	27	28	28	26	27	28	9	211	sw by s
17	9	9	9	9	9	9	9	12	16	16	15	16	17	17	20	22	26	25	25	25	24	22	27	7	185	s
18	8	8	9	12	13	14	16	16	16	17	17	17	17	19	20	22	24	26	27	27	28	28	8	7	195	s by w
19	9	10	11	11	12	13	15	16	15	19	22	21	19	17	19	20	23	27	27	27	28	30	26	6	208	s s w
20	7	8	10	11	12	12	12	12	13	15	18	19	19	23	25	27	26	26	29	28	7	8	9	9	180	s
21	8	8	7	8	8	8	8	8	9	11	11	11	16	21	21	20	21	23	26	29	9	9	10	11	135	S E
22	12	12	12	13	13	13	13	13	13	13	13	19	19	19	19	20	20	20	20	20	21	12	22	17	182	s
23	14	13	13	13	13	17	18	20	20	18	18	23	23	20	21	19	19	23	23	3	7	8	9	10	180	s
24	10	10	10	10	11	15	17	16	16	21	20	20	18	17	12	15	24	26	27	28	28	28	27	1	215	sw by s
25	17	8	8	8	8	8	8	8	8	8	8	8	8	8	10	10	11	10	9	9	9	11	12	13	101	E by s
26	12	12	12	12	12	24	20	22	22	21	20	19	20	20	20	21	22	21	21	20	19	13	12	12	201	s s w
27	12	12	28	30	7	13	13	13	14	19	19	19	19	19	19	19	19	17	22	22	9	15	15	10	189	s by w
28	9	12	12	12	15	15	14	14	14	20	22	22	23	23	25	23	28	21	21	23	24	26	28	28	222	s w
29	28	14	15	15	15	15	15	15	15	16	16	16	16	19	20	21	22	20	18	18	19	19	19	19	199	s s w
30	11	11	11	11	11	11	12	12	12	24	26	26	26	26	26	22	22	23	25	25	30	4	6	8	197	s s w
Hourly Means	o 160 SSE	o 150 SEbs	o 150 SEbs	o 142 SEbs	o 150 SEbs	o 162 SSE	o 178 S	o 185 S	o 190 Sbw	o 205 SSW	o 207 SSW	o 211 SWbs	o 214 SWbs	o 223 SW	o 230 SW	o 240 SWbw	o 255 Wbs	o 259 Wbs	o 268 W	o 292 WNW	o 243 WSW	o 215 SWbs	o 196 Sbw	o 165 SbE	o 204	s s w
No. of Observations with the wind in each quarter NW	6	4	5	5	4	5	4	3	1	3	3	2	2	3	6	7	13	15	18	21	17	15	12	6	180	Obs. N W
SW	4	3	2	3	4	5	8	12	14	19	22	25	25	25	21	21	16	14	11	7	7	3	4	6	281	,, S W
SE	17	22	19	21	21	20	18	15	14	8	5	3	3	2	3	2	1	1	1	1	4	9	11	13	234	,, S E
NE	3	1	4	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	2	3	3	5	25	,, N E

FORCE OF THE WIND—SEPTEMBER 1856

	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	
1	0·08	0·01	0·00	0·12	0·11	0·13	0·10	0·08	0·06	0·09	0·12	0·11	0·10	0·09	0·11	0·12	0·17	0·25	0·22	0·15	0·18	0·16	0·14	0·10	0·12	
2	·06	·00	·00	·00	·00	·05	·00	·07	·15	·08	·00	·11	·10	·08	·10	·16	·14	·14	·15	·13	·15	·12	·14	·12	·09	
3	·08	·02	·00	·07	·06	·08	·11	·03	·08	·04	·03	·07	·06	·00	·00	·09	·12	·14	·15	·16	·15	·20	·18	·12	·08	
4	·11	·08	·00	·00	·00	·00	.00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·12	·09	·04	·06	·08	·10	·11	·11	·04	
5	·08	·04	·02	·00	·00	·00	·00	·00	·00	·01	·05	·02	·00	·00	·00	·00	·06	·10	·11	·10	·11	·08	·03	·00	·03	
6	·00	·00	·00	·00	·00	·00	·00	·00	·03	·00	·02	·06	·00	·00	·00	·08	·12	·11	·12	·04	·10	·12	·12	·00	·04	
7	·02	·01	·00	00	·00	·00	·00	·00	·00	·00	·00	.00	·00	·00	·00	·00	·04	·10	·11	·10	·09	·03	·05	·06	·03	
8	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	.00	·00	·00	·00	·00	·03	·02	·10	·03	·00	·00	·00	·03	·01	
9	·02	·00	·05	·08	·11	·02	·00	·00	·00	·01	·04	.03	·01	·00	·00	·10	·13	·14	·15	·14	·16	·13	·14	·12	·07	
10	·03	·05	·00	·02	·05	·00	·00	·00	·00	·00	·00	.00	·00	.06	·05	·08	·14	·16	·18	·12	·13	·12	·11	·12	·06	
11	·10	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	.01	·02	·00	·00	·02	·09	·12	·13	·14	·14	·13	·13	·12	·05	
12	·20	·13	·00	·00	·00	·00	·00	·00	·00	·00	·00	.00	·01	·02	·01	·03	·13	·12	·14	·15	·18	·08	·12	·10	·06	
13	·00	·00	·00	·00	·00	·00	·04	·13	·00	·00	·00	.00	·04	·06	·12	·14	·10	·13	·16	·15	·18	·13	·10	·11	·07	
14	·04	·00	·00	·00	·00	·00	·00	·00	·07	·00	·00	·08	·12	·16	·14	·13	·10	·00	·02	·01	·00	·01	·02	·00	·04	
15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·07	·10	·05	·25	·37	·12	·13	·13	·12	·11	·10	·08	·03	·07	
16	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·02	·00	·00	·00	·08	·09	·08	·09	·07	·05	·03	·02	·00	·02	
17	·00	·00	·00	·00	·00	·00	·00	·00	·00	·04	·10	·02	·00	·00	·00	·00	·14	·12	·11	·12	·10	·10	·08	·09	·04	
18	·08	·02	·02	·00	·00	·00	·03	·03	·07	·08	·03	·02	·00	·00	·00	·06	·13	·12	·13	·10	·12	·13	·12	·10	·06	
19	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·12	·13	·10	·11	·11	·00	·00	·03	
20	·04	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·08	·10	·00	·02	·08	·07	·06	·05	·04	·08	·07	·06	·03	
21	·03	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·10	·11	·10	·03	·08	·09	·07	·06	·03	
22	·09	·03	·00	·00	·00	·00	·00	.00	·00	·00	·00	·00	·00	·00	·00	·05	·12	·10	·09	·08	·04	·05	·08	·00	·03	
23	·00	·00	·00	·00	·00	·00	·00	.00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·04	·00	·02	·01	·00	·00	·00	
24	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·00	·00	·00	·00	·00	·07	·10	·13	·15	·13	·12	·08	·00	·03	
25	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·06	·08	·13	·05	·01	
26	·12	·08	·00	·00	·00	·10	·07	·00	·00	·00	·00	·00	·00	·02	·02	·10	·13	·13	·12	·11	·10	·12	·10	·08	·06	
27	·08	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·07	·10	·09	·11	·07	·08	·02	·02	
28	·00	·00	·00	·00	·00	·00	·00	·00	·02	·01	·07	·10	·08	·07	·10	·00	·00	·00	·00	·08	·10	·11	·10	·00	·03	
29	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	00	·00	·00	·05	·00	·03	·08	·04	·02	·02	·02	·03	·01	
30	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·06	·13	·12	·13	·10	·09	·08	·08	·07	·04	
Means	0·04	·02	·00	·01	·01	·01	·01	·01	·02	·01	·02	·03	·02	·02	·03	·06	·09	·10	·11	·09	·10	·09	·08	·06	0 04	

The force is given in pounds and decimals of a pound on one square foot.
The entry ·00 denotes calms or pressures too small to overcome the inertia of the instrument

DIRECTION AND FORCE OF THE WIND

DIRECTION OF THE WIND—OCTOBER 1856

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction
Madras Mean Time	h.m. 4.41	h.m. 5 41	h.m. 6.41	h.m. 7.41	h.m. 8.41	h.m. 9.41	h.m. 10.41	h.m. 11.41	h.m. 12.41	h.m. 13.41	h.m. 14.41	h.m. 15.41	h.m. 16.41	h.m. 17.41	h.m. 18.41	h.m. 19.41	h.m. 20.41	h.m. 21.41	h.m. 22.41	h.m. 23.41	h.m. 0.41	h.m. 1.41	h.m. 2.41	h.m. 3.41		
	parts	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	o	
1[2]	7	8	8	8	9	9	9	12	25	26	24	22	22	22	24	26	28	29	29	30	4	6	6	6	186	S by W
2	6	7	7	7	7	7	7	7	7	7	6	6	6	6	6	6	12	18	21	30	31	31	6	10	79	E by N
3[2]	3	25	22	21	21	21	21	21	21	21	21	21	21	21	21	21	20	22	22	15	7	8	8	8	203	S S W
4[2]	10	12	12	15	13	13	14	14	14	14	14	14	15	18	20	24	25	12	6	6	5	6	6	6	144	SE by S
5	7	8	9	9	9	9	9	9	9	10	10	22	24	24	24	25	23	31	6	8	9	9	9	8	45	N E
6	9	10	10	10	10	10	10	10	10	10	30	30	31	31	31	30	30	1	6	9	8	7	7	7	62	E N E
7	8	8	8	8	8	8	8	8	8	8	7	7	7	7	7	7	10	24	27	31	31	30	30	30	82	E by N
8	31	0	2	2	3	3	8	7	23	23	22	23	25	25	23	20	20	21	22	22	22	23	24	26	302	NW by W
9	28	28	27	27	28	28	28	26	23	23	23	20	21	21	21	22	21	21	21	21	22	23	23	23	267	W
10[2]	25	25	23	23	22	21	21	21	22	23	23	22	22	22	23	23	23	24	24	25	25	25	25	24	260	W by S
11	24	24	24	24	24	24	20	19	19	19	20	22	22	22	23	23	24	25	25	25	26	27	28	6	268	W
12[2]	8	10	10	10	10	10	10	10	10	10	11	11	12	13	15	21	22	22	22	25	25	4	5	6	146	SE by S
13[2]	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	15	17	20	18	7	8	9	9	9	101	E by S
14[2]	10	10	10	10	10	10	10	10	11	11	11	11	11	11	12	18	20	21	21	24	20	9	9	10	145	SE by S
15[2]	11	11	11	11	11	12	12	12	13	14	16	17	19	19	19	20	23	23	23	28	23	11	9	8	176	S
16	7	6	6	6	6	6	6	5	5	5	5	4	31	29	29	26	27	29	1	8	7	6	7	7	39	NE by N
17	7	6	6	6	6	0	25	25	25	25	25	25	25	31	3	3	30	23	22	20	21	17	15	14	348	N by W
18[2]	24	16	15	15	15	16	17	17	18	19	19	19	19	19	20	20	20	24	27	27	28	28	31	2	236	SW by W
19	4	4	4	3	2	2	2	0	25	25	25	25	25	25	25	25	23	23	23	25	26	27	31	0	322	NW by N
20[2]	7	7	7	7	7	7	7	7	12	19	20	20	21	21	21	22	23	20	18	15	9	10	11	11	154	S S E
21[2]	7	7	7	7	7	7	7	16	22	22	22	22	22	22	23	23	23	22	22	24	26	1	9	8	177	S
22[2]	7	8	8	8	8	8	9	11	12	14	18	20	20	20	22	23	21	18	18	18	14	10	10	10	157	S S E
23[2]	10	10	10	10	10	10	17	21	21	21	21	21	21	21	22	23	22	18	14	11	12	11	14	14	180	S
24[2]	11	11	11	12	12	12	17	18	18	18	18	20	20	21	21	22	30	6	6	6	7	8	7	7	144	SE by S
25	6	6	6	6	5	5	5	5	3	3	2	2	2	30	29	29	31	7	7	7	8	7	6	5	44	N E
26	3	2	2	2	2	2	3	3	3	31	28	28	28	28	28	29	31	1	2	4	3	3	4	3	8	N by E
27	3	3	3	3	3	3	3	1	1	0	31	30	30	29	29	29	0	2	2	1	1	1	2	2	9	N by E
28	30	30	31	31	31	31	31	29	26	26	26	25	24	24	23	23	25	24	29	2	6	6	3	3	327	NW by N
29[2]	5	6	6	6	6	6	6	6	0	26	25	23	23	22	22	21	21	21	21	23	6	12	12	11	158	S S E
30[2]	11	11	11	11	11	11	11	11	11	16	19	20	22	22	22	20	20	19	15	12	13	13	14	14	169	S by E
31[2]	9	9	8	8	8	8	8	8	9	8	9	9	9	9	14	18	19	14	9	7	7	6	7	7	107	E by S
Hourly Means No. 1	o 36	o 37	o 39	o 39	o 39	o 34	o 30	o 21	o 356	o 353	o 338	o 319	o 319	o 318	o 319	o 316	o 324	o 304	o 326	o 351	o 356	o 354	o 28	o 39	o	
Hourly Means No. 2	NEbN 71	NEbN 85	NE 81	NE 83	NE 81	NEbN 82	NEbN 135	NNE 146	N 163	Nbw 191	NNW 197	NW 197	NW 202	NW 204	NW 230	NW 233	NWbN 249	NWbW 222	NWbN 208	Nbw 201	N 31	Nbw 75	NNE 85	NEbN 85	357	N
	ENE	E	EbN	EbN	EbN	EbN	SE	SEbS	SSE	SbW	SSW	SSW	SSW	SSW	SW	SWbW	WSW	SW	SSW	SSW	NEbN	EbN	E	E		
No. of Observations with the wind in each quarter NW	6	5	4	3	3	3	3	3	4	6	8	6	9	10	8	8	10	8	6	11	8	6	6	3	147	Obs. N W
SW	—	1	1	2	2	3	6	7	9	11	13	15	14	15	16	18	18	16	14	5	5	3	1	1	196	„ S W
SE	10	14	14	14	14	13	12	11	11	9	5	5	4	3	3	2	2	2	3	7	8	11	12	13	202	„ S E
NE	15	11	12	12	12	12	10	10	7	5	5	5	4	3	4	3	1	5	8	8	10	11	12	14	199	„ N E

FORCE OF THE WIND—OCTOBER 1856

	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	
1	0·04	0·01	0·00	0·00	0·00	0·00	0·00	0·00	0·62	0·03	0·00	0·00	0·00	0·00	0·00	0·00	0·04	0·02	0·05	0·06	0·03	0·05	0·07	0·06	0·05	
2	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·18	·00	·00	·00	·00	·00	·01	
3	·02	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·02	·02	·01	·00	·02	·03	·01	
4	·05	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·03	·00	·00	·00	·00	·01	
5	·08	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·02	·00	·00	·01	·02	·04	·03	·01	
6	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·02	·01	·06	·11	·05	·08	·07	·02	
7	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·02	·00	·00	·05	·03	·03	·00	·01	
8	·00	·00	·00	·00	·00	·00	·00	·00	·08	·09	·10	·07	·12	·11	·04	·00	·00	·00	·00	·00	·03	·02	·00	·00	·03	
9	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·01	·02	·01	·12	·14	·15	·16	·11	·12	·10	·04	
10	·08	·02	·07	·12	·15	·13	·15	·17	·20	·13	·12	·10	·10	·10	·11	·13	·13	·15	·16	·13	·12	·11	·08	·04	·12	
11	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·05	·08	·10	·11	·09	·08	·08	·06	·00	·03	
12	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·12	·10	·12	·10	·10	·06	·08	·07	·03	
13	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·02	·00	·01	·02	·01	·00	·00	
14	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·05	·04	·03	·00	·02	·03	·02	·01	
15	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·05	·04	·06	·00	·00	·03	·02	·01	
16	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·03	·06	·05	·10	·11	·10	·10	·02	
17	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·05	·00	·00	·00	·01	
18	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·07	·11	·10	·04	·01	·00	·01	
19	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·05	·01	·10	·04	·00	·01	
20	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·03	·01	·02	—	·01	·03	·01	·00	·01	
21	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·10	·08	·04	·08	·06	·02	·00	·02	·02	
22	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·00	·03	·04	·02	·00	·00	·00	·00	
23	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·02	·01	·00	·00	·00	·00	·01	·00	·00	
24	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·03	·05	·06	·08	·01	
25	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·03	·04	·03	·05	·06	·05	·01	
26	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·10	·07	·09	·10	·11	·12	·11	·03	
27	·01	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·12	·10	·11	·14	·13	·15	·13	·04	
28	·12	·08	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·08	·04	·05	.03	·08	·07	·06	·05	·03	
29	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·11	·14	·12	·09	·06	·12	·11	·14	·04	
30	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·10	·06	·06	·04	·10	·12	·10	·00	·03	
31	·05	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	.05	·01	·02	·02	·02	·01	·01	·01	
Means	·02	·01	·00	·00	·00	·00	·00	·01	·03	·01	·01	·01	·01	·01	·01	·01	·04	·05	·05	·05	·05	·05	·05	·04	·02	

The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome the inertia of the instrument.

DIRECTION AND FORCE OF THE WIND

DIRECTION OF THE WIND—NOVEMBER 1856

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction
Madras Mean Time	h.m. 4.41	h.m. 5.41	h.m. 6.41	h.m. 7.41	h.m. 8.41	h.m. 9.41	h.m. 10.41	h.m. 11.41	h.m. 12.41	h.m. 13.41	h.m. 14.41	h.m. 15.41	h.m. 16.41	h.m. 17.41	h.m. 18.41	h.m. 19.41	h.m. 20.41	h.m. 21.41	h.m. 22.41	h.m. 23.41	h.m. 0.41	h.m. 1.41	h.m. 2.41	h.m. 3.41		
	parts	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	o	
1	10	10	10	10	10	10	10	10	10	6	5	5	5	5	5	3	2	3	6	7	7	7	7	6	79	E by N
2	2	2	3	4	5	6	6	6	5	4	3	3	3	2	0	31	3	5	5	7	8	7	7	7	48	NE
3	6	6	6	6	5	4	4	3	4	4	3	1	7	1	30	31	6	7	7	6	7	6	6	5	50	NE
4	3	4	4	3	4	4	4	1	0	31	31	31	31	31	0	31	0	2	4	4	6	6	6	6	26	NNE
5	3	3	3	4	3	4	1	30	30	30	30	30	30	30	30	31	1	3	3	4	4	5	5	5	16	N by E
6	2	2	2	1	1	1	1	1	1	1	0	30	30	30	30	29	31	4	4	4	4	3	2	3	12	N by E
7	1	31	1	1	1	1	1	0	31	28	28	27	27	27	27	28	31	1	2	2	2	2	2	2	353	N by W
8	3	3	3	4	3	3	4	2	31	30	30	30	30	30	30	30	1	2	3	4	4	3	4	4	16	N by E
9	1	30	30	30	30	30	30	30	30	30	29	28	28	28	29	29	29	30	2	2	2	2	2	2	346	N by W
10	31	0	1	0	31	31	31	31	31	31	31	31	31	31	31	1	2	2	2	1	1	2	3	2	2	N
11	2	2	2	2	3	3	3	3	3	2	2	2	2	1	0	30	1	3	3	3	3	4	3	2	24	NNE
12	30	30	30	30	30	30	30	0	31	30	30	30	30	30	30	31	30	28	29	29	29	29	29	28	335	NNW
13	28	29	29	29	30	30	28	29	29	30	30	30	31	31	31	31	1	2	3	5	5	4	4	4	356	N
14	7	8	7	2	0	30	30	31	31	1	31	31	0	4	2	1	5	9	4	1	1	2	2	2	23	NNE
15	0	30	0	1	1	1	1	2	2	2	3	2	2	2	2	2	2	2	2	1	1	1	1	0	15	N by E
16	31	31	0	0	1	1	1	1	1	1	0	31	31	31	31	31	31	30	30	26	31	31	31	30	352	N by W
17	29	28	28	1	28	28	28	29	30	1	1	1	1	1	1	2	2	2	2	1	0	1	1	1	356	N
18	31	31	0	0	31	0	31	30	30	30	30	29	29	28	28	28	28	29	30	30	30	30	29	29	338	NNW
19	27	26	27	26	26	27	27	28	29	29	29	28	28	27	27	26	27	29	0	1	2	1	31	31	323	NW by N
20	2	1	3	3	4	4	4	4	3	4	3	2	1	31	30	29	29	28	28	28	27	27	28	27	360	N
21	19	19	18	18	17	15	15	15	15	15	15	15	17	17	17	18	17	17	17	16	16	15	15	14	184	S
22	12	12	12	12	12	12	12	12	11	11	11	12	12	13	17	18	23	24	22	18	18	12	12	12	160	SSE
23	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	8	7	6	6	6	6	6	5	91	E
24	7	6	6	6	6	6	6	7	7	7	6	5	5	5	5	6	7	7	8	9	9	9	9	9	77	E by N
25	10	9	8	9	9	9	9	9	9	9	9	7	7	5	5	4	3	2	2	4	5	7	7	7	77	E by N
26	6	6	5	5	4	4	4	4	4	5	5	5	5	4	3	2	2	3	4	4	5	5	4	4	48	NE
27	2	1	1	1	1	2	2	2	2	2	2	2	2	1	31	30	30	31	0	1	1	1	1	0	10	N by E
28	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	31	31	31	0	1	0	1	344	N by W
29	30	30	30	30	30	0	0	0	0	0	31	30	30	30	30	30	30	31	1	2	1	2	1	2	353	N by W
30	2	2	2	2	2	3	3	3	3	3	3	2	2	1	1	1	2	3	3	2	2	2	2	2	25	NNE
Hourly Means No. 1	o 20	o 16	o 20	o 20	o 17	o 19	o 17	o 16	o 14	o 12	o 8	o 1	o 2	o 359	o 355	o 353	o 6	o 17	o 28	o 25	o 28	o 30	o 28	o 25	o	
Hourly Means No. 2	NNE 150	NbE 150	NNE 146	NNE 146	NNE 142	NNE 135	NNE 135	NbE 135	NbE 131	NbE 131	NbE 131	N 135	N 142	N 146	N 161	Nbw 169	NbE 180	NNE 180	NEbN 169	NNE 150	NEbN 150	NEbN 124	NEbN 124	NNE 116	26	NNE
	sEbs	sEbs	sEbs	sEbs	sEbs	sE	sE	sE	sE	sE	sE	sE	sEbs	sEbs	ssE	sbE	s	s	sbE	sEbs	sEbs	sEbE	sEbE	ESE		
No. of Observations with the wind in each quarter. NW	9	11	7	6	9	10	9	10	13	11	13	15	14	15	16	18	11	10	5	5	4	4	5	5	235	Obs. NW
SW	1	1	1	1	1	—	—	—	—	—	—	—	—	—	—	2	2	1	2	2	2	—	—	—	16	„ SW
SE	4	5	4	4	4	5	5	5	5	4	4	3	3	3	2	1	—	1	—	1	1	3	3	3	73	„ SE
NE	16	13	18	19	16	15	16	15	12	15	13	12	13	12	12	9	17	18	23	22	23	23	22	22	396	„ NE

FORCE OF THE WIND—NOVEMBER 1856

	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	
1	0·02	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·06	0·08	0·10	0·07	0·06	0·06	0·02	
2	·13	·10	1·10	·20	·08	·10	·04	·02	·00	·00	·00	·00	·00	·00	·00	·02	·10	·12	·00	·00	·08	·42	·35	·33	·13	
3	·10	·08	0·10	·08	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·06	·08	·08	·10	·07	·10	·06	·10	·05	·04	
4	·05	·04	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·06	·12	·10	·12	·05	·18	·12	·04	
5	·10	·05	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·08	·10	·15	·17	·16	·05	·13	·14	·05	
6	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·06	·07	·07	·10	·08	·06	·08	·02	
7	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·08	·07	·12	·10	·11	·10	·03	
8	·03	·01	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·07	·08	·09	·11	·13	·12	·10	·03	
9	·06	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·13	·00	·00	·00	·00	·00	·00	·01	
10	·12	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·05	·10	·12	·13	·11	·10	·14	·10	·04	
11	·17	·10	·10	·11	·10	·10	·09	·07	·09	·06	·02	·00	·00	·00	·00	·00	·15	·27	·38	·42	·55	·25	·10	·15	·14	
12	·15	·02	·12	·10	·09	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·00	·13	·20	·26	·12	·08	·10	·06	
13	·05	·03	·02	·00	·00	·00	·02	·04	·00	·00	·00	·00	·00	·00	·00	·00	·05	·08	·09	·03	·01	·06	·06	·05	·02	
14	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·08	·10	·09	·07	·05	·02	
15	·13	·12	·04	·08	·10	·08	·08	·11	·13	·10	·10	·01	·03	·04	·05	·06	·22	·18	·16	·12	·15	·13	·12	·14	·10	
16	·15	·10	·05	·07	·03	·02	·04	·05	·03	·02	·05	·00	·00	·00	·08	·03	·05	·50	·35	·42	·00	·00	·00	·00	·09	
17	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·11	·26	·55	·82	·35	·40	·11	
18	·27	·32	·22	·18	·12	·05	·06	·03	·02	·00	·00	·00	·00	·00	·08	·06	·13	·14	·18	·15	·12	·10	·11	·12	·10	
19	·15	·18	·75	·42	·22	·25	·20	·58	·82	3·70	1·95	·92	·65	·70	·60	1·35	1·85	·30	1·35	3·50	6·50	4·50	7·00	3·70	1·76	
20	6·00	4·00	4·50	4·50	6·50	8·00	11·50	8·00	8·50	12·50	12·00	14·00	17·00	13·50	8·50	7·5o	5·00	4·50	4·50	3·50	3·50	3·70	3·70	3·00	7·41	
21	1·00	0·65	0·20	0·03	0·05	0·00	0·06	0·08	0·00	0·02	0·03	0·35	0·38	0·00	0·00	0·22	0·65	0·62	0·35	0·42	0·45	0·36	0·25	0·10	0·26	
22	0·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
23	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·02	·03	·02	·04	·02	·06	·01	
24	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·10	·07	·06	·08	·08	·12	·04	·00	·03	
25	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·05	·07	·04	·03	·01	
26	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·03	·02	·05	·07	·01	·01	
27	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·05	·07	·10	·08	·03	·02	·02	
28	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·10	·12	·08	·02	
29	·03	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·25	·45	·32	·35	·28	·10	·08	
30	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
Means	·29	·20	·24	·19	·24	·29	·40	·30	·32	·55	·47	·51	·60	·47	·31	·31	·29	·25	·29	·35	·46	·41	·46	·31	36	

The force is given in pounds and decimals of a pound on the square foot. The entry ·00 denotes calms or pressures too small to overcome the enertia of the instrumcnt.

DIRECTION AND FORCE OF THE WIND

DIRECTION OF THE WIND—DECEMBER 1856

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction
Madras Mean Time	h.m. 4.41	h.m. 5.41	h.m. 6.41	h.m. 7.41	h.m. 8.41	h.m. 9.41	h.m. 10.41	h.m. 11.41	h.m. 12.41	h.m. 13.41	h.m. 14.41	h.m. 15.41	h.m. 16.41	h.m. 17.41	h.m. 18.41	h.m. 19.41	h.m. 20.41	h.m. 21.41	h.m. 22.41	h.m. 23.41	h.m. 0.41	h.m. 1.41	h.m. 2.41	h.m. 3.41		
	parts	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	o	
1	2	0	31	31	31	31	31	30	30	30	30	30	30	31	31	31	1	2	2	2	2	1	1	1	357	N
2	2	3	3	2	2	31	30	30	30	30	30	30	30	30	30	30	30	31	4	4	3	3	2	3	3	N
3	2	2	1	2	2	1	0	0	0	0	0	31	30	29	29	29	30	30	30	30	31	31	31	2	355	N
4	31	30	31	31	31	31	30	30	0	2	2	2	1	31	30	30	30	30	31	31	30	30	28	27	347	N by W
5	30	30	30	30	30	30	30	30	30	30	30	30	30	30	29	29	29	1	2	2	2	1	1	1	347	N by W
6	0	2	2	31	31	31	30	30	31	1	31	30	30	30	30	31	2	2	2	1	2	1	1	0	0	N
7	31	1	1	1	1	1	1	1	1	1	31	30	31	31	30	30	30	30	30	30	30	30	30	29	352	N by W
8	31	31	1	3	3	4	4	3	3	3	3	3	3	4	3	1	3	4	5	6	7	8	8	9	42	N E
9[2]	9	10	11	11	11	11	12	11	11	11	12	11	11	12	12	12	12	14	17	18	17	17	14	9	139	S E
10	3	6	10	14	7	1	1	0	0	1	1	1	2	4	3	3	3	4	5	6	5	6	6	5	45	N E
11	7	6	6	6	5	5	5	4	4	4	3	3	3	3	4	4	4	4	4	5	6	4	4	4	50	N E
12	2	3	3	2	3	3	4	3	3	3	2	3	3	2	3	3	4	4	4	3	4	3	2	2	33	N E by N
13	3	3	3	3	2	3	3	4	4	4	4	4	3	4	3	3	4	4	3	5	4	4	3	3	39	N E by N
14	1	1	1	1	1	1	1	1	1	0	0	31	0	31	29	28	28	28	31	1	2	2	1	2	0	N
15	3	3	3	3	3	3	3	3	3	3	2	2	2	31	30	30	31	2	3	3	3	3	3	3	23	N N E
16	3	3	2	2	2	3	3	3	3	3	3	2	2	2	2	1	3	2	3	4	3	3	3	3	30	N E by N
17	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	1	3	4	4	4	3	3	4	3	34	N E by N
18	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	3	4	5	5	5	5	4	4	38	N E by N
19	4	3	4	3	3	3	2	1	1	1	1	1	30	29	28	28	29	0	3	3	3	3	3	3	14	N by E
20	3	3	3	3	3	2	2	2	30	29	29	29	29	29	27	26	29	30	31	1	2	3	2	2	359	N
21	3	4	3	3	3	4	4	4	4	4	4	4	4	4	3	3	3	5	5	5	5	4	4	3	43	N E
22	3	3	4	4	4	4	5	4	4	4	4	4	4	4	2	3	3	3	3	2	2	1	1	0	35	N E by N
23	1	2	2	2	1	2	2	3	3	3	1	29	30	30	30	30	31	30	31	31	1	1	1	2	5	N
24	2	2	2	2	3	3	3	3	3	3	2	31	30	30	31	1	2	2	0	1	1	1	1	2	15	N by E
25	2	2	2	0	31	31	0	31	31	30	30	30	31	31	30	31	31	0	2	3	2	3	3	3	3	N
26	2	2	2	2	2	2	2	2	2	0	29	29	29	30	30	29	30	30	30	30	31	0	0	0	357	N
27	0	31	31	30	30	0	1	2	2	31	29	29	29	29	29	29	31	3	3	3	2	1	1	31	11	N by E
28	1	0	0	31	30	29	29	28	29	29	28	29	29	29	29	29	30	30	30	30	31	1	2	2	336	N N W
29	2	2	2	2	2	2	3	3	3	3	3	1	29	29	29	29	30	30	31	31	0	3	3	3	8	N by E
30	2	1	1	1	2	2	2	2	2	1	1	31	30	30	30	30	31	31	1	3	3	4	5	6	13	N by E
31	4	3	4	4	4	3	3	3	3	3	3	3	3	3	3	3	4	4	3	3	3	3	3	3	37	N E by N
Hourly Means No. 1	o 22 NNE	o 23 NNE	o 25 NNE	o 24 NNE	o 21 NNE	o 18 NNE	o 18 NNE	o 16 N b E	o 16 N b E	o 14 N b E	o 8 N b E	o 3 N	o 0 N	o 359 N	o 352 N b W	o 352 N b W	o 3 N	o 12 N b E	o 19 N N E	o 24 N N E	o 26 N N E	o 26 N N E	o 24 N N E	o 24 N N E	o 0	N N E
Hourly Means No. 2	101 E b S	113 E S E	124 S E b E	124 S E b E	124 S E b E	124 S E b E	135 S E	124 S E b E	124 S E b E	124 S E b E	135 S E	124 S E b E	124 S E b E	135 S E	135 S E	135 S E	135 S E	158 S S E	191 S b W	203 S S W	191 S b W	191 S b W	158 S S E	101 E b S	19	
No. of Observations with the wind in each quarter N W	4	4	4	6	7	6	7	8	8	8	11	15	16	19	19	18	16	12	9	7	5	3	3	4	219	Obs. N W
S W	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0	„ S W
S E	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	29	„ S E
N E	26	26	25	23	23	24	23	22	22	22	19	15	14	11	11	12	14	18	21	23	25	26	26	25	496	„ N E

FORCE OF THE WIND—DECEMBER 1856

	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	
1	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·08	0·15	0·10	0·00	0·00	0·00	0·00	0·00	0·01	
2	·05	·02	·00	·00	·00	·00	·03	·00	·00	·00	·00	·00	·00	·00	·00	·03	·04	·02	·50	·15	·06	·32	·45	·25	·08	
3	·10	·03	·06	·02	·00	·03	·00	·00	·00	·00	·00	·00	·00	·00	·03	·09	·12	·15	·17	·25	·35	·42	·38	·10	·10	
4	·15	·10	·08	·03	·02	·12	·02	·00	·00	·01	·03	·10	·08	·09	·17	·20	·16	·32	·65	·70	1·22	1·10	·95	·00	·26	
5	·55	·58	·35	·42	·30	·20	·23	·25	·18	·22	·19	·23	·10	·13	·18	·12	·20	·15	1·08	1·25	·22	·00	·50	1·85	·48	
6	·15	·17	·04	·12	·10	·05	·13	·20	·10	·22	·35	·25	·19	·10	·15	·10	·95	1·85	3·25	2·80	3·85	·85	2·65	0·85	·85	
7	·62	·70	1·35	·48	1·20	·85	1·15	1·40	·95	1·35	1·17	·65	·26	·30	·15	·22	·65	0·70	1·65	1·70	1·20	·15	0·55	1·32	·91	
8	·60	·30	0·35	1·25	2·85	2·90	3·65	3·80	3·50	3·35	3·45	2·58	1·85	1·50	1·10	1·20	1·18	1·60	2·25	2·15	·85	·60	1·70	2·55	2·05	
9	1·65	1·55	2·35	·65	1·85	1·45	2·35	2·00	1·70	2·45	2·15	1·45	0·30	0·05	0·15	0·20	·18	0·30	·25	0·05	0·03	0·08	0·02	0·00	1·01	
10	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·10	·00	·00	·00	·10	·10	·15	·16	·17	·14	·12	·15	·10	0·05	
11	·12	·04	·02	·00	·00	·00	·10	·00	·08	·00	·00	·00	·00	·00	·08	·00	·04	·10	·11	·15	·12	·10	·13	·11	·05	
12	·12	·08	·02	·10	·11	·09	·02	·00	·00	·03	·00	·00	·00	·00	·02	·10	·13	·15	·17	·14	·12	·11	·08	·00	·07	
13	·13	·12	·11	·10	·02	·06	·03	·05	·05	·06	·15	·03	·07	·10	·11	·12	·15	·25	·47	·15	·12	·68	·50	·24	·16	
14	·25	·18	·12	·10	·13	·11	·10	·04	·00	·00	·00	·00	·00	·03	·02	·13	·15	·10	·15	·22	·16	·20	·19	·18	·11	
15	·18	·03	·02	·00	·00	·00	·02	·00	·00	·00	·00	·00	·00	·00	·04	·08	·03	·14	·17	·16	·13	·14	·12	·12	·06	
16	·10	·08	·01	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·18	·20	·23	·14	·10	·00	·00	·00	·04	
17	·16	·06	·01	·00	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·15	·10	·00	·11	·07	·08	·00	·00	·03	
18	·08	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·13	·18	·06	·00	·12	·15	·14	·04	
19	·13	·08	·06	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·02	·11	·10	·12	·14	·14	·13	·15	·12	·06	
20	·08	·07	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·12	·13	·14	·12	·13	·14	·10	·08	·05	
21	·08	·07	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·00	·00	·05	·00	·00	·00	·12	·20	·00	·02	
22	·25	·32	·24	·20	·18	·16	·15	·10	·13	·03	·12	·15	·04	·00	·00	·11	·35	·22	·65	·80	·60	·45	·33	·25	·24	
23	·42	·30	·08	·02	·07	·10	·13	·26	·00	·00	·00	·00	·00	·00	·00	·00	·03	·12	·30	·52	·48	·35	·38	·20	·16	
24	·18	·16	·15	·08	·10	·06	·05	·12	·11	·13	·10	·11	·12	·10	·12	·13	·12	·30	·28	·27	·25	·32	·43	·45	·18	
25	·22	·15	·10	·09	·00	·00	·00	·00	·10	·06	·11	·10	·08	·12	·10	·10	·09	·10	·12	·25	·35	·37	·35	·28	·14	
26	·13	·06	·00	·00	·00	·00	·00	·00	·05	·00	·00	·01	·13	·20	·08	·00	·10	·13	·00	·20	·12	·00	·00	·00	·05	
27	·25	·20	·10	·03	·04	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·00	·25	·18	·13	·15	·12	·15	·07	
28	·12	·10	·10	·06	·08	·10	·11	·10	·13	·14	·08	·11	·12	·14	·12	·08	·13	·18	·04	·10	·00	·12	·00	·10	·10	
29	·10	·02	·04	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·10	·07	·06	·06	·13	·12	·13	·10	·10	·12	·14	·06	
30	·12	·11	·06	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·03	·04	·12	·11	·13	·14	·12	·14	·12	·05	
31	·12	·03	·04	·01	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·10	·13	·15	·24	·16	·12	·05	
Means	0·23	·18	·19	·15	·23	·20	·27	·27	·23	·26	·25	·19	·11	·10	·09	·11	·19	·26	·44	·43	·43	·38	·35	·32	0·24	

The force is given in pounds and decimals of a pound on one square foot.
The entry ·00 denotes calms or pressures too small to overcome the inertia of the instrument.

FALL OF RAIN FOR 1856

DEPTH OF RAIN AND EVAPORATION IN INCHES

	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER	
	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day
									In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	—	—	—	—	—	—	—	—	—	1·070	—	—	0·193	0·220	0·080	—	—	—	0·204	—	—	—	0·010	—
2	—	—	—	—	—	—	—	—	—	—	—	—	·018	—	—	—	—	—	·022	1·510	—	0·112	—	—
3	—	—	—	—	—	—	—	—	—	—	0·035	—	—	—	—	—	—	—	—	—	0·102	·005	—	—
4	—	—	—	—	—	—	—	—	—	—	—	—	·295	—	—	0·045	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	·010	—	—	—	—	—	—	—	·073	0·230
6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	·160	1·080
7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	·362	2·718
8	—	—	—	—	—	—	—	—	—	—	—	—	—	·460	—	—	—	—	·080	0·545	—	—	·492	1·075
9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	·014	·019	—	·175	·742	1·010
10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	·005	·063	·063	0·112
11	—	—	—	—	—	—	—	—	—	—	·029	—	—	—	—	·368	—	—	—	—	—	·035	·610	—
12	—	—	—	—	—	—	—	—	—	—	—	—	·008	—	—	—	—	—	—	—	·245	1·530	—	095
13	—	—	—	—	—	—	—	—	—	—	—	—	·004	—	—	—	0·028	0·480	—	—	·278	—	·748	·067
14	—	—	—	—	—	—	—	—	—	—	·022	0·008	—	—	—	—	—	—	—	—	·330	0·020	·038	·020
15	—	—	—	—	—	—	—	—	·022	0·496	—	—	—	—	—	—	—	—	—	—	·020	—	—	—
16	—	—	—	—	—	—	—	—	—	—	·012	—	—	—	·062	—	—	—	—	—	·270	1·890	—	—
17	—	—	—	—	—	—	—	—	—	—	·008	—	—	—	·195	·208	—	—	—	1·490	·138	0·007	—	—
18	—	—	—	—	—	—	—	—	·060	0·060	—	—	—	—	·590	·044	—	—	—	—	—	·090	—	—
19	—	—	—	0·028	—	—	—	—	1·122	1·350	—	—	—	—	·220	—	—	—	—	—	2·700	2·559	—	—
20	—	—	—	—	—	—	—	—	0·712	0·353	·260	·040	—	—	·385	—	—	—	—	—	6·220	0·170	—	—
21	—	—	—	—	—	—	—	—	·098	·125	—	—	—	—	—	—	—	—	—	—	—	—	·008	—
22	—	—	—	—	—	—	—	—	·025	—	·103	—	—	—	1·115	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	·015	—	—	—	—	—	0·058	—	·135	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	—	—	·011	—	—	—	—	—	·046	·017	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	—	—	—	—	—	·020	·022	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	—	—	—	·498	—	1·900	·280	·003	—	—	—	—	·010	—	—
27	—	—	—	—	—	—	—	0·006	—	—	—	—	—	—	—	—	·137	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	—	—	—	·527	·070	0·045	·010	·050	·150	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	—	—	—	—	·072	·020	·008	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	—	·290	—	·460	—	·012	—	·013	—	—	—	—	—	—	—
31	—	—	—	—	—	—	—	—	—	—	—	—	·476	—	—	—	—	—	—	—	—	—	—	—
Sums ...	—	—	—	0·028	—	—	—	0·006	2·054	3·454	0·770	0·048	2·551	0·770	4·700	0·977	0·412	0·647	0·320	3·564	10·308	6·666	3·306	6·407

EVAPORATION FOR—1856

	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER	
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·020	0·135	0·012	0·210	0·013	0·342	0·029	0·335	0·026	0·203	0·170	0·452	0·004	0·255	c—	0·263	0·048	0·340	0·014	0·275	0·008	0·276	0·020	0·224
2	·007	·183	·010	·278	·016	·332	·023	·370	c—	·348	·119	·375	·007	·422	·048	·328	·059	·384	·027	·139	·018	·239	·005	·206
3	·005	·220	·019	·230	·025	·325	·015	·385	·022	·363	·043	·330	·047	·225	·036	·264	·060	·365	·020	·223	·028	·291	·011	·244
4	·001	·205	·021	·257	·006	·330	·010	·332	·031	·383	·060	·314	·039	·263	·036	·283	·037	·324	·026	·271	·021	·283	·021	·154
5	·003	·220	·013	·250	·022	·330	·022	·388	·024	·333	·027	·393	·033	·235	·030	·224	·033	·302	·005	·276	·018	·293	·014	·066
6	·007	·223	·017	·243	·007	·296	·008	·361	·027	·390	·081	·395	·058	·237	·035	·283	·032	·305	·007	·243	·027	·270	c—	c—
7	·005	·243	·017	·233	·016	·310	·012	·350	·029	·378	·096	·350	·051	·296	·030	·353	·022	·310	·011	·057	·009	·250	c—	c—
8	·004	·210	·007	·213	·015	·330	·012	·370	·034	·398	·126	·472	·024	·255	·037	·359	·017	·246	·037	c—	·022	·290	c—	c—
9	·017	·220	·010	·253	·020	·325	·023	·362	·022	·420	·098	·490	·043	·297	·038	·315	·033	·383	c—	c—	·032	·197	c—	·055
10	·007	·217	·022	·263	·024	·312	·015	·322	·028	·440	·120	·402	·033	·235	·035	·345	·037	·352	·065	·280	·032	·245	c—	·135
11	·009	·210	·012	·293	·021	·313	·010	·353	·027	·395	·046	·433	·035	·287	·034	·269	·047	·371	·023	·315	·041	·198	·011	·130
12	·010	·290	·016	·308	·019	·340	·020	·367	·030	·425	·142	·492	c—	·390	·020	·278	·065	·275	·005	·318	c—	c—	·011	·134
13	·013	·230	·010	·307	·020	·336	·023	·385	·030	·410	·082	·435	·024	·390	·028	·255	·069	·235	·008	·277	c—	·203	c—	·080
14	·018	·251	·006	·333	·019	·343	·026	·368	·037	·453	·056	·361	·067	·315	·023	·213	·033	·212	·005	·280	c—	·199	·010	·134
15	·015	·220	·015	·323	·019	·393	·019	·440	·032	·028	·117	·415	·052	·377	·030	·351	·034	·182	·002	·273	·022	·152	·017	·185
16	·027	·240	·014	·330	·027	·363	·019	·377	·020	·320	·060	·522	·030	·358	·021	·195	·035	·215	·005	·291	c—	c—	·008	·180
17	·007	·260	·015	·283	·025	·337	·010	·402	·015	·263	·082	·525	·050	·413	·039	·065	·027	·310	·011	·000	c—	·138	·008	·194
18	·007	·250	·017	·298	·029	·340	·020	·380	·028	·018	·057	·436	·072	·433	c—	·055	·035	·345	·003	·225	·018	c—	·000	·234
19	·018	·273	·025	·288	·030	·325	·025	·400	c—	·013	·056	·365	·077	·423	c—	·138	·037	·335	·006	·093	c—	c—	·011	·223
20	·019	·155	·028	·323	·030	·378	·018	·394	c—	c—	·035	·092	·082	·313	c—	·204	·029	·330	·003	·235	c—	c—	·011	·218
21	·017	·228	·023	·283	·020	·340	·022	·376	c—	·200	·020	·275	·107	·395	·037	·284	·030	·335	·009	·294	·022	·253	·005	·231
22	·010	·232	·012	·280	·025	·360	·024	·380	·002	·378	·020	·325	·139	·485	·032	·280	·021	·265	·011	·218	·014	·156	·041	·245
23	·004	·285	·017	·334	·013	·357	·017	·409	·026	·307	·033	·420	·095	·461	·019	·226	·023	·132	·010	·240	·032	·191	·023	·200
24	·015	·240	·022	·323	·025	·393	·016	·407	·037	·398	·021	·237	·093	·370	·043	·248	·021	·137	·017	·305	·030	·216	·025	·263
25	·003	·263	·023	·323	·023	·345	·021	·355	·058	·343	·025	·233	·064	·390	·030	·196	·019	·247	·028	·334	·016	·179	·009	·176
26	·015	·248	·027	·300	·031	·332	·017	·418	·056	·313	·020	·315	·044	·361	c—	·044	·021	·292	·015	·255	·005	·141	·014	·223
27	·012	·230	·026	·338	·027	·365	·022	·353	·049	·400	·020	·433	·066	·375	032	·165	c—	·170	·015	·275	·008	·221	·007	·225
28	·010	·251	·028	·333	·023	·345	·027	·320	·045	·465	·043	·430	c—	·210	025	·058	·017	·230	·010	·286	·004	·173	·003	·231
29	·014	·213	·022	·330	·020	·360	·030	·385	·053	·446	·045	·381	c—	·120	·012	·140	·007	·185	·009	·321	·014	·233	·004	·208
30	·013	·248	—	—	·025	·310	·035	·344	—	·500	·037	·375	c—	·215	·005	·154	·012	·303	·018	·293	·010	·244	·009	·179
31	·017	·230	—	—	·030	·294	—	—	—	·416	—	—	c—	·248	·033	·158			·015	·243	—	—	·021	·222
Means ...	·011	·228	·017	·290	·021	·339	·020	·373	·031	·338	·065	·385	·055	·324	·030	·226	·033	·281	·015	·246	·019	·221	·013	·186

TOTAL RAIN IN EACH MONTH

1856	Night	Day	Total
	In.	In.	In.
January ...	...	...	...
February ...	...	0·028	0·028
March ...	...	...	...
April ...	...	0·006	0·006
May ...	2·054	3·454	5·508
June ...	0·770	0·048	0·818
July ...	2·551	0·770	3·321
August ...	4·700	0·977	5·677
September ...	0·412	0·647	1·059
October ...	0·320	3·564	3·884
November ...	10·308	6·666	16·974
December ...	3·306	6·407	9·713
Total...	24·421	22·567	46·988

MEAN DAILY EVAPORATION IN EACH MONTH

1856	Night	Day	Total.
	In.	In.	In.
January ...	0·011	0·228	0·238
February ...	·017	·290	·307
March ...	·021	·339	·360
April ...	·020	·373	·393
May ...	·031	·338	·369
June ...	·065	·385	·450
July ...	·055	·324	·379
August ...	·030	·226	·256
September ...	·033	·281	·314
October ...	·015	·246	·261
November ...	·019	·221	·240
December ...	·013	·186	·199
Mean...	0·027	0·286	0·314

c.—Covered the evaporator.

REMARKS ON THE WEATHER FOR THE MONTH OF JANUARY 1856

Date	Göttingen Mean Time **NOON**	Cloudy sky in 8ths	**2**	Cloudy sky in 8ths	**4**	Cloudy sky in 8ths	**6**	Cloudy sky in 8ths	**8**	Cloudy sky in 8ths	**10**	Cloudy sky in 8ths
1	overcast, nim ...	8	overcast	8	overcast	8	overcast, nim ...	8	overcast	8	cu, cu-st, cr-cu & hz	4
2	fl-cu & cu-st ...	3	fl-cu	1	fl-cu	2	fl-cu...	1	clear	0	sc-cu	2
3	cu & hz	3	ny-clear	0	ny-clear	0	cu & hz	3	cu & hz	2	cu & hz, D	1
4	light hz	1	lt-hz & cu	1	lt-hz & cu	2	fl-cu & D	4	fl-cu	3	cu-hor, D	1
5	sc-cu	1	lt-hz & cu	1	cu & cu-st	1	cu & cu-st	2	sc-cu	1	... ...	...
6	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	clear D ...	0
7	sc-cu	1	cu	1	clear	0	cu & hz	2	cu-hor	1	cu, cr-hz, D... ...	2
8	cu & ci-hz	2	cu & cr-hz	1	ny-clear, D... ...	0	ny-clear, D... ...	0	cu-hor, D	2	cu-hor, D	2
9	fl-cu	2	fl-cu & hz	2	fl-cu & hz	2	fl-cu & hz	2	cu, cu-st & hz, D ...	2	cu-hor, D	2
10	cu-hor	2	cu & cr-hz	1	ny-clear	0	fl-cu & cu-st ...	3	cu-hor, D	1	cu, cr-hz	2
11	cu, cu-st & nim ...	5	cr-st & hz	2	fl-cu & hz	4	fl-cu & hz	3	cu & cr-hz, D ...	2	cu & cr-hz, D ...	2
12	cu & ci-hz	4	fl-cu & hz	3	fl-cu & hz	3	fl-cu & hz	5	fl-cu & hz	3	... ...	...
13	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	clear, D ...	0
14	cu, cr-hz & cr-st ...	6	lt-cu, cr-st & hz ...	2	cu, cr-st & hz ...	3	fl-cu & hz	4	cu-hor	1	clear	0
15	cu & cr-hz	4	cu & cr-hz	2	cu & cr-hz	6	cu & cr-hz	6	cu, cu-st & cr-hz, D	3	cu, cu-st & cr-hz, D.	2
16	cu, cr-hz & cr ...	5	fl-cu, cr-st & cr-hz...	4	fl-cu,cr-st & thi-cr-hz	6	fl-cu, cr-st & hz, hl ☽	6	cu, cr-cu,cr-hz&cu-st	6	cu, cu-st & cr-hz ...	6
17	cu & hz	2	ny-clear	0	cr-st & thi-cr-hz, D	6	cr-st & hz, D ...	3	cu, cr-hz, D ...	2	cu, cr-hz, D... ...	2
18	clear	0	clear	0	ny-clear	0	clear...	0	clear, D	0	clear	0
19	cr, cr-st & hz ...	2	cu & hz	2	cu & hz	1	cu & hz	3	cu & hz	4	... ...	...
20	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cu, cu-st & cr-hz ...	8
21	overcast	8	ny-overcast ...	7	overcast	8	overcast	8	cu & cr-cu	7	cu & cr-cu	7
22	cu & cr-hz	3	cu & cr-hz	2	cu & cr-hz	3	cu & cr-hz	2	fl-cu	5	fl-cu	3
23	cu & hz	1	cu & hz	1	clear	0	cu & hz	2	cu & hz, D ...	2	cu & hz, D ...	2
24	cr-cu & cr-hz ...	1	cu & cr-hz	1	ny-clear	0	ny-clear, hz & D ...	0	ny-clear, D ...	0	ny-clear, D ...	0
25	cr & cr-hz	1	cu & hz	1	cu, cr-st & hz ...	2	cu, cr-st & hz ...	3	cu, cr & cr-hz, D ...	4	cu, cr & cr-hz, D. ...	4
26	cu-hor	1	cu & cr-st	1	clear	0	fl-cu, cu-st & lt-hz ...	3	cu-hor, D	2	... ...	...
27	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	fl-cu & hz	3
28	cu-hor	1	clear	0	clear	0	ny-clear	0	clear	0	clear	0
29	sc-cu, cu-st & hz ...	4	sc-cu, cu-st & hz ...	2	cu & hz'	1	fl-cu & cr	1	fl-cu & hz	3	fl-cu & hz	3
30	cr, cr-hz & cu ...	4	cr-st & cr-hz ...	1	ny-clear	0	ny-clear	0	clear	0	cu & cu-st	4
31	cr-hz & cu	2	cr-hz & cu	1	ny-clear	0	fl-cu & hz	3	cu & hz	3	cu & cr-cu	4

REMARKS ON THE WEATHER FOR THE MONTH OF FEBRUARY 1856

1	cr-hz	2	cr & cr-hz	1	cr & cr-hz ...	2	cu & hz	3	ny-clear	0	cu & hz	2
2	cr-cu & cr-hz ...	3	cr, cr-hz & cu ...	3	cr, cr-hz & cu ...	1	fl-cu & hz	3	cu & cr-hz	2	... ...	...
3	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cu & cr-hz ...	3
4	cu & cr-hz	3	cu & cr-hz	2	cu & cr-hz	2	fl-cu & hz	3	cu, cr-st & cr-hz ...	2	cu, cr-st & cr-hz ...	2
5	cu & cr-hz	2	cu & cr-hz	4	cu & cr-hz ...	3	fl-cu & hz	3	cu, cr-st & cr-hz ...	2	cu, cr-st & cr-hz ...	2
6	cu & hz	1	cu, cr-st & hz ...	3	cu & hz	2	fl-cu & hz	3	cu & hz	3	sc-cu	1
7	cu-st, hz	1	cu & hz	2	cu & hz	2	fl-cu...	2	cu & hz	2	cu & cr-hz	3
8	fl-cu, cu-st, cr-hz ...	3	cu & cr-st	1	cu & cr-st	1	fl-cu & hz	1	cu, cr-st & hz ...	2	cu, cr-st & hz ...	2
9	clear	0	clear	0	ny-clear	0	clear	0	ny-clear	1	... ...	...
10	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	clear	0
11	cr-cu	1	clear	0	clear	0	clear	0	cu, cr-st	2	cu, cu-st & cr-hz ...	2
12	ny-clear	0	clear	0	clear	0	clear	0	cu & cr-hz	2	cu, cr-st & hz ...	3
13	clear	0	clear	0	clear	0	clear	0	ny-clear	0	ny-clear	0
14	clear	0	clear	0	clear	0	clear	0	ny-clear	0	ny-clear	0
15	clear	0	clear	0	clear	0	clear, D	0	ny-clear	0	ny-clear, D ...	0
16	clear	0	clear	0	clear	0	clear	0	clear	0	... ...	...
17	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	clear, D ...	0
18	thin cr-st, fl-cu & cr-hz	2	cr-st, cr-hz & cu ...	3	cr-st, cr-hz & cu ...	3	fl-cu & cr-hz ...	5	cu, cr-hz	3	fl-cu, cu-st & hz ...	4
19	fl-cu, cu-st, cr-hz, cr-st	4	cu, cr-st & hz ...	2	cu, cr-st & hz ...	3	fl-cu & hz	4	cu, cr-st	2	fl-cu, cu-st & cr-hz..	4
20	fl-cu	2	cu & cr-hz	3	cr-hz-hor	1	clear	0	ny-clear	0	sc-cu	3
21	ny-clear	0	ny-clear	0	clear	0	fl-cu & cr-st ...	1	ny-clear	0	cu-hor	2
22	cr-st	3	cr & cr-hz	4	cr & cr-hz	1	cr-st & hz, hl round ☽	3	ny-clear	0	cr & cr-hz	2
23	cr & dense hz ...	3	cr & dense hz ...	3	cr-cu & cr-hz ...	3	cr-cu & cr-hz ...	3	cr-cu & cr-hz ...	3	... ...	...
24	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cu & cr-hz	2
25	ny-clear	0	sc-cu, cu-st, cr-hz ...	3	cu & cr-hz ...	2	cr, cr-hz, cr-cu ...	5	cu, cu-st, cr-hz ...	3	fl-cu, cu-st, cr-hz, nim	4
26	cu, cr-st, cr-cu ...	2	fl-cu & cr-hz ...	2	cu & cr-hz	2	fl-cu	5	fl-cu, cu-st, cr-hz ...	4	fl-cu & nim... ...	5
27	cr-st, cr-cu & thick hz	3	cu-st, thick cr-hz ...	7	cu-st, thick cr-hz ...	5	cu, cu-st & cr-hz ...	7	cu, cr-cu & cr-hz ...	4	fl-cu...	2
28	cr-st, d-hz, cr-cu & cu-st	5	cr, cr-st, dense hz ...	4	cr, cr-st & hz ...	2	cr, cr-st & hz ...	2	fl-cu & hz	2	fl-cu & cr-hz ...	4
29	fl-cu...	1	fl-cu...	1	fl-cu & hz ...	2	fl-cu & cr-hz ...	3	cu, cr-st, cr-hz ...	3	fl-cu	2

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE

ard....around
cld....clouds or cloudy
cr or ci. cirri or cirro or cirrous
cu.....cumuli or cumulo
D.....dew
d.....dense
dis....distant
dt.....detached
E.....east
fg.....fog
fk.....forked
fl.....flying
fr.....frequent
g.....ground
hy....heavy
hl....halo
hor..horizon
hz...haze or hazy
ld....loud
lg.....lightning
lt.....light
mt...meteor
N.....north
nim..nimbi
ny... nearly
ov....overhead
ovt...overcast
ps....peals
pt.....part or partly or partial
R.....rain
r-b....rain-bow
S.....south
sc.....scattered
sh....sheet
st.....stratus
th....thunder
thi...thick
v.....very
viv...vivid
W....west

REMARKS ON THE WEATHER FOR THE MONTH OF JANUARY 1856

Date	12	Cloudy sky in 8ths	14	Cloudy sky in 8ths	16	Cloudy sky in 8ths	18	Cloudy sky in 8ths	20	Cloudy sky in 8ths	22	Cloudy sky in 8ths	Thermometers: Radiation Sol.	Radiation Ter.	Air Max.	Air Min.
1	cu, cr-st & cr-hz .	3	cu, cu-st & cr-hz .	4	cu, cu-st & cr-hz ..	5	hy-cu, cu ...	5	fl-cu & cu-st ...	5	fl-cu & cu-st ...	4	125·0	66·7	82·2	72·1
2	sc-cu, D ...	2	sc-cu	2	cu & cu-st ..	3	cu & cu-st ...	4	fl-cu	4	fl-cu	4	134·5	58·8	81·7	67·3
3	ny-clear, D ...	0	ny-clear ...	0	sc-cu	1	sc-cu	1	sc-cu	1	sc-cu	1	134·3	58·4	81·7	66·2
4	clear, D ...	0	cu & hz ...	1	sc-cu	1	sc-cu	1	clear	0	cu-hor	1	134·0	56·9	81·7	64·9
5	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	135·5	59·5	81·3	66·9
6	clear, D ...	0	ny-clear ...	0	ny-clear	0	cu...	5	sc-cu	2	clear	0	139·5	58·1	82·1	64·9
7	cu, cr-hz, D ...	2	cr & cr-st ...	3	ny-clear ...	0	clear	0	ny-clear	0	ny-clear	0	140·5	59·3	81·8	65·9
8	clear, D ...	0	ny-clear ...	0	ny-clear ...	0	cu, D	2	sc-cu	4	fl-cu	3	135·5	58·3	82·3	66·8
9	fl-cu, D ...	2	cu, cu-st & cr-hz.	3	cu, cu-st & cr-hz .	3	cu, hy-cu... ...	6	cu, hy-cu ...	1	fl-cu	2	134·0	61·2	83·2	68·9
10	cu-hor, D ...	1	cu, cr-st & cr-hz.	3	cu, cr, cr-st & hz .	2	sc-cu	3	hy-cu, fl-cu, nim..	5	cu & cu-st ...	4	129·5	59·0	82·8	67·0
11	cu & cr-hz ...	3	cu & cr-hz ...	5	cu, cr-cu & cr-hz..	5	cu, cr, cr-st ...	5	cu, cr, cr-st ...	6	cu, cu-st & hz ...	7	134·5	63·0	82·7	69·0
12	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	135·5	62·8	82·4	68·4
13	cu-hor, D ...	1	cu, cu-st & cr-hz.	3	cu, cu-st & cr-hz .	3	cu, cu-st & cr-hz..	4	cu, cu-st & cr-hz.	3	cu & hz	4	133·5	59·8	83·0	68·4
14	clear, D ...	0	cu, cr-hz & nim	6	cu, cr-hz & cr-st ..	4	cu, cr-hz & cr-st...	3	cr, cr-hz, fl-cu ...	4	cr, cr-hz & cu ...	4	132·0	61·3	82·6	69 1
15	cu,cu-st&cr-hz,D	2	cu, cu-st, cr-cu & cr-hz.	6	cu, cu-st, cr-cu & cr-hz	5	cu, cu-st, cr ...	7	cu, cr, cr-hz ...	7	cu, cr-hz & cr ...	6	127·5	60·9	82·3	68·0
16	cu & cr-hz ...	6	cu,cu-st & cr-hz .	6	cu & cr-hz ...	2	fl-cu	2	fl-cu & hz ...	5	cu & hz	3	134·5	62·9	83·4	68·0
17	cu, cr-hz, D ...	2	cu & cr-hz ...	3	cu & cr-hz ...	2	clear	0	clear	0	ny-clear	0	138·5	58·4	85·9	67·3
18	clear	0	clear	0	clear	0	ny-clear	0	clear	0	clear	0	134·5	61·2	83·7	66·6
19	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	125·8	61·4	83·8	69·5
20	cov. with cu & cr-hz	8	cu, cu-st & cr-hz.	5	cu, cu-st & cr-hz .	8	ny overcast ..	8	ny-overcast ...	8	overcast	8	119·5	66·4	82·0	72·7
21	cu & cr-cu ...	8	cu & cr-hz ...	5	cu, cu-st & cr-hz .	5	sc-cu, cu-st & cr-hz	4	sc-cu, cu-st & cr-hz.	5	cu & cr-hz ...	5	126·5	64·1	83·6	72·4
22	cu & hz ...	3	cu & cr-hz ...	3	cu & cr-hz-hor ...	2	cu, cu-st, cr-hz ...	4	cu, cr-hz ...	2	cu & hz ...	2	134·5	58·9	83·8	68·0
23	fl-cu	2	fl-cu	1	cu & cr-st ...	1	fl-cu	3	cu, cr & cr-st ...	2	lt-cu, cr-st & hz...	1	130·5	58·4	83·6	67·2
24	cu cr-hz, D ...	2	cu, cr & cr-hz...	3	cu, cr-cu, cr-st & cr-hz	5	cu, cr-cu, cr-st & cr-hz	4	cr-st & cr-hz ...	2	cr & cr-hz ...	2	132·3	58·0	83·3	66·3
25	cu, cr & cr-hz, D	2	cu & cr-hz ...	2	cr-cu & cr-hz ...	1	cu, cr-cu & cr-hz ...	4	cu, cr-cu & cr-hz..	3	cu & cr-hz ...	2	140·5	59·4	84·8	67·0
26	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	131·0	59·0	85·0	65·5
27	clear	0	fl-cu	3	cu, cu-st & cr-hz ..	4	cu, cu-st & cr-hz..	4	cu, cu-st & cr-hz..	2	clear	0	140·5	56·2	83·7	67·2
28	sc-cu, D ...	1	cu, cu-st & cr-hz.	5	sc-cu	1	hy-cu, cu ...	3	cu, cu-st ...	4	cu, cu-st ...	3	136·3	63·2	84·1	69·6
29	fl-cu & hz ...	3	fl-cu & hz ...	3	fl-cu, cu-st & cr-hz.	7	fl-cu, cu-st & cr-hz.	4	cu, cu-st, cr-st & hz.	3	cu & cr-hz ...	5	124·5	64·3	83·8	71·4
30	cu & cr-hz, D...	2	cu & cr-hz ...	2	cu, cu-st, cr-cu & cr-hz	4	cu, cu-st, cr-cu&cr-hz	5	fl-cu, cu-st & cr-hz ..	4	cu & cr-hz ...	3	130·5	65·2	86·0	70·7
31	cu & cr-hz ...	3	cu, cr-hz & cr-st.	2	cu, cu-st & cr-hz...	4	cu, cu-st & cr-hz ..	3	cu, cu-st & cr-hz ..	2	cu, cr-hz ...	2	131·5	63·0	85·5	73·7

REMARKS ON THE WEATHER FOR THE MONTH OF FEBRUARY 1856

1	cr-hz, D ...	1	cu, cr & cr-hz, D	4	cu, cr-st & cr-hz...	2	fl-cu, cu-st & cr-hz.	5	cu, cr-cu & cr-hz..	4	cu, cr-cu & cr-hz..	3	124·5	65·8	85·6	71·8
2	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	130·5	70·2	85·2	74·5
3	cu & cr-hz ...	3	fl-cu & cr-hz ...	6	cu, cr-cu & hz ...	6	fl-cu & nim ...	5	cu & nim ...	4	cu & cr-hz ...	3	127·5	68·9	85·0	74·1
4	cu, cr & cr-hz ...	2	cu, cr-cu, cr-st & hz	3	fl-cu & thi-cr-hz...	5	fl-cu & nim ...	5	cu & cr-hz ...	2	cu, cu-st & cr-hz...	3	127·5	65·9	86·2	73·3
5	cu & hz ...	2	cu-hor	3	fl-cu & nim ...	6	fl-cu & nim ...	6	sc-cu & cr-hz ...	2	sc-cu & cr-hz ...	2	124·5	68·5	85·4	73·4
6	sc-cu	2	fl-cu & hz ...	3	cu, cu-st & hz ...	3	fl-cu & cu-st ..	5	fl-cu & hz ...	2	fl-cu & hz ...	2	130·0	66·7	85·1	72·2
7	cu & cr-hz ...	3	fl-cu, cu-st, cr-hz &	5	fl-cu, cu-st ...	5	fl-cu & cu-st ...	4	fl-cu & cr-st, hz	4	fl-cu, cu-st, cr-st, hz	4	128·1	67·5	84·7	73·3
8	clear	0	fl-cu & nim [nim	5	fl-cu	3	fl-cu	3	fl-cu	1	clear	0	124·2	67·3	84·7	75·1
9	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	132·5	64·0	84·8	71·1
10	cu & hz ...	1	cu & cr-cu ...	6	fl-cu	6	fl-cu	5	ny-clear	0	fl-cu	1	137·8	60·5	86·0	71·3
11	cu & hz ...	2	sc-cu	2	ny-clear	0	sc-cu	2	fl-cu	1	fl-cu	1	127·3	66·5	87·5	70·7
12	ny-clear ...	0	cu, cu-st & cr-hz.	4	sc-cu	1	clear	0	fl-cu	1	ny-clear	0	130·0	66·0	87·9	71·0
13	cu, cu-st & hz...	2	ny-clear, D ...	0	sc-cu	3	sc-cu	1	fl-cu	1	clear	0	121·1	59·9	85·7	69·8
14	ny-clear, D ...	0	ny-clear, D ...	0	ny-clear	0	ny-clear	0	ny-clear	0	ny-clear	0	121·0	56·9	86·9	68·1
15	ny-clear, D ...	0	ny-clear, D ...	0	clear	0	clear	0	clear	0	clear	0	128·2	59·0	87·2	66·9
16	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	127·5	58·8	87·3	68·3
17	clear, D ...	0	cu & cr-hz, D...	2	cr, cr-hz	2	sc-cu	2	thin cr-st & fl-cu ...	2	thin cr-st & fl-cu...	3	125·5	59·9	84·6	68·1
18	fl-cu & hz ...	3	fl-cu & hz ..	5	fl-cu, cu-st, cr-hz..	3	fl-cu, cu-st, cr-hz...	3	fl-cu, cu-st, cr-hz, cr-st	5	fl-cu, cu-st, cr-hz, cr-st	4	123·5	60·5	84·9	71·2
19	cu, cr & cr-hz...	3	cu, cu-st, cr-hz &	4	fl-cu & nim ...	7	fl-cu & nim ...	5	fl-cu	4	fl-cu	3	121·0	64·0	84·6	72·2
20	sc-cu, D ...	2	cu & hz [nim	3	sc-cu	3	sc-cu	3	fl-cu	1	fl-cu	1	128·0	63·3	85·2	70·4
21	ny-clear, D ...	0	ny-clear ...	0	ny-clear	0	ny-clear	0	ny-clear, thin cr-st.	0	cr-st	1	127·5	57·4	84·4	67·0
22	cr, cr-hz, D ...	3	cu, cr & cr-hz...	3	cr & cr-hz ...	4	cr & dense hz ...	5	cr, d-hz, cr-st, cr-cu [hl ⊙	5	cr, d-hz, cr-st ...	4	131·0	59·0	84·1	67·0
23	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	130·3	58·8	84·1	66·6
24	cu & cr-hz ...	2	ny-clear ...	0	ny-clear	0	fl-cu	3	fl-cu	1	fl-cu	1	131·5	59·8	85·4	68·5
25	sc-cu	2	sc-cu & hz ...	3	fl-cu	3	hy-cu & nim ...	6	cu & cr-st ...	3	cu, cr-st, hz ...	4	119·9	70·6	86·4	78·0
26	cu, cr-cu, cr-st, hz	5	cu, cr & cr-hz...	5	fl-cu & nim ...	4	fl-cu & nim ...	5	cr, cr-st, hz & cu...	4	cr, cr-st, hz & cu..	4	128·0	66·6	87·2	73·3
27	cu, cr & cr-hz...	2	cu, cu-st, cr-st, hz	5	cu, cu-st, cr-st, hz	6	fl-cu	4	cu, dense cr-st, hz.	3	cu, cr-cu, cr-st, hz.	3	122·9	66·5	87·8	73·2
28	fl-cu & cr-hz ...	4	fl-cu & cr-hz ...	5	cu, cr & cr-hz ...	3	fl-cu & cr-hz ...	4	fl-cu, cr-st & hz ...	2	fl-cu, cr-st & hz ...	1	123·1	64·8	85·9	71·2
29	fl-cu	1	sc-cu	1	sc-cu	3	fl-cu, cu-st ...	4	fl-cu & cu-st ...	4	sc-cu	3	126·0	63·3	86·5	71·3

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE

ard....around
cld.....clouds or cloudy
cr or ci. cirri or cirro or cirrous
cu.....cumuli or cumulo
D .....dew
d .....dense
dis.....distant
dt.....detached
E.....east
fg.....fog
fk.....forked
fl.....flying
fr.....frequent
g.....ground
hy .....heavy
hl .....halo
hor ...horizon
hz .....haze or hazy
ld.....loud
lg.....lighting
lt.....light
mt.....meteor
N.....north
nim...nimbi
ny.....nearly
ov.....overhead
ovt...overcast
ps.....peals
pt.....part or partly or partial
R.....rain
r-b.....rain-bow
S.....south
sc.....scattered
sh.....sheet
st.....stratus
th.....thunder
thi....thick
v.....very
viv....vivid
W .....west

REMARKS ON THE WEATHER FOR THE MONTH OF MARCH 1856

Date	Göttingen Mean Time NOON	Cloudy sky in 8ths	2	Cloudy sky in 8ths	4	Cloudy sky in 8ths	6	Cloudy sky in 8ths	8	Cloudy sky in 8ths	10	Cloudy sky in 8ths
1	sc-cu	2	ny-clear	0	ny-clear	0	ny-clear	0	ny-clear	0	... ...	...
2	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	ny-clear	0
3	fl-cu, cr, dense hz...	5	fl-cu, hz	3	cu-hor	2	cu, thick hz	3	clear	0	fl-cu, cr-hz	3
4	cr, cr-hz	1	ny-clear	0	clear	0	ny-clear	0	clear	0	ny-clear	0
5	clear	0	ny-clear	0	ny-clear	0	ny-clear	0	clear	0	ny-clear	0
6	ny-clear	0	cu, cr-hz	1	ny-clear	0	ny-clear, lt-hz ...	0	clear	0	fl-cu, hz	2
7	cr, cr-hz	2	ny-clear	0	clear	0	clear	0	clear	0	clear	0
8	cr, thick cr-hz ...	4	cr-st, hz	2	clear	0	cr, cr-hz	2	ny-clear	0	... ...	...
9	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cu, cr-hz	2
10	cr, cr-hz, st ...	4	cr-st, cr-hz ...	3	cr-hz	1	ny-clear	0	clear	0	ny-clear	0
11	ny-clear	0	clear, ...	0	ny-clear	0	ny-clear	0	ny-clear	0	ny-clear	0
12	clear	0	ny-clear	0	ny-clear	0	clear	0	clear	0	cu	1
13	ny-clear	0	ny-clear	0	fl-cu	1	clear	0	cu-st	2	hy-cu, cu-st ...	3
14	sc-cu	1	clear	0	clear	0	clear	0	clear	0	cu, cu-st, cr-hz ...	4
15	sc-cu	1	ny-clear	0	ny-clear	0	ny-clear	0	fl-cu	1	... ...	...
16	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cu, cu-st, cr-hz ...	3
17	cu, cr, cr-hz ...	1	clear	0	fl-cu, cr-hz	2	ny-clear	0	fl-cu	3	fl-cu	1
18	cu, cr, cr-hz ...	4	lt-cu, cr, cr-st, hz, hl ☽	2	ny-clear	0	ny-clear	0	fl-cu, cr-st, hz ...	1	cr	1
19	cr, cr-st	1	cr-st cr-cu, hz ...	2	ny-clear, a few cr, cr-st	0	cu, cr-cu, cr-st, cr-hz	5	lt-cu, cr-st, hz ...	5	fl-cu, cr-st, hz ...	3
20	cu, cr, cr-hz ...	5	cu, cu-st, cr-st, lg S W	7	ny-overcast ...	8	cu, cr-st, hz	5	cu, cu-st, cr-st, cr-hz	5	cu, cu-st, cr-cu, cr-hz	7
21	cr, cr-hz, cu ...	3	cr, cr-cu, nim ...	4	cu, cr-cu, cr-st ...	3	cu, cr-cu, cr-st	3	fl-cu, cr-cu	6	sc-cu, hz	1
22	cr, cr-hz, st... ...	3	cu, cr-st, hz ...	2	cu, hz	1	cu-st	1	ny-clear	0	... ...	...
23	... ...	...	... .	...	... ...	...	... ...	...	... ...	...	cu-st W-hor ...	1
24	clear	0	clear, cu-st W-hor ...	0	clear	0	clear	0	cu-hor	2	cu, hz	2
25	clear	0	ny-clear	0	clear	0	cu	1	cu, cr-cu	2	ny-clear	0
26	cr-st, hz	2	cr-st, thick cr-hz ...	2	clear	0	dense hz, cr-st ...	4	cr-st, thick cr-hz ...	4	fl-cu	4
27	cr, cr-hz	1	cr, cr-st, dense hz ...	3	cr-st, hz	2	cr-st, thick hz ...	5	fl-cu, cr-st, hz ...	4	cr-st, hz	3
28	fl-cu, cr, cr-hz ...	3	cr-hz, cr-cu... ...	2	ny-clear	0	haze	1	cr-hz	1	cr-st, cr-hz... ...	2
29	cu, cr, cr-hz ...	3	fl-cu, cr, cr-hz ...	3	ny-clear	0	fl-cu, cr-st	4	fl-cu	3	... ...	...
30	... ...	...	... ...	...	... ...	...	... .	...	... ...	...	cu, cr-st, hz... ...	3
31	cr, cr-hz, cu ...	6	lt-cu, cr-st, cr-hz ...	3	cr-st, thick cr-hz, cu	5	cu, cr-hz	4	cu, cr-hz	3	cu, cu-st, cr-hz ...	4

REMARKS ON THE WEATHER FOR THE MONTH OF APRIL 1856

1	cr, cr-st, fl-cu ...	3	cu-st, cr-st, hz ...	2	cu-st, lg S W ...	2	cu, hz, lg S... ...	3	cu, hz	4	sc-cu	3
2	cu, cr-hz	2	cu-st-hor, lt-hz	1	cu-st-hor, lt-hz ...	1	cu, cr-hz	5	ny-clear	0	ny-clear	0
3	cu, cr-cu, cr-hz ...	2	cr-cu, cr-st, cr-hz.....	3	cu, thick cr-hz ...	3	cu, hz	2	cr, cr-hz	2	cr-st, cr	1
4	cr-cu, cr-st, hz ...	1	cr-st, cr-hz ...	1	ny-clear	0	clear	0	clear	0	clear	0
5	ny-clear	0	ny-clear	0	lt-hz	0	ny-clear	0	ny-clear	0	... ...	...
6	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	ny-clear	0
7	ny-clear	0	ny-clear	0	ny-clear	0	ny-clear	0	clear	0	clear.	0
8	cr-st, cr-hz... ...	1	cr-st, cr-hz ...	2	fl-cu, cr-hz	2	cr-hz	1	clear	0	ny-clear	0
9	thick cr-hz... ...	3	cr-st, dense hz ...	3	cr, dense hz	5	thick hz	7	thick cr-hz	7	cr, cr-hz	5
10	cr-st, thick hz ...	6	thick cr-hz	6	thick cr-hz	4	cr-hz	4	ny-clear	0	cr, cr-hz	2
11	cr-cu, cr-st, cr-hz ...	5	cu, cr-hz	3	cr-hz	1	ny-clear	0	cu, cu-st	2	ny-clear	0
12	cr, cr-st, hz ...	3	cu, cr-hz	2	cu-hor, lg S ...	1	fl-cu, lt-hz	1	ny-clear	0	... ...	...
13	... ...	...	... ...	..	... ...	...	... ...	...	... ...	...	ny-clear	0
14	cu, cu-st, cr-st, hz...	5	ny-overcast ...	7	ny-overcast ...	7	overcast	8	cu, cr, cr-st ...	5	cu-st, nim, viv-lg S & E-	6
15	cr, cr-st, ny-cvt S & W-hor with hy-cu-st & nim	4	cu, cr-st, cr-hz ...	5	cr-st, hz	2	cr-st, lt-cu	3	cr, thick cr-hz ...	4	cr, cr-hz, st.. [hor	3
16	cu-st W S W-hor ..	1	cu, cu-st, cr-hz, lg N W..	3	cu, hz, lg N W ...	3	cu, cr-hz	5	fl-cu, cr-hz	3	cr, thick hz... ..	3
17	ny-clear	0	cu	0	ny-clear	1	clear	0	cu, cr-cu, D ...	3	cu, cr, cr-hz, D ...	2
18	ny-clear	0	cu, hz	1	cu, hz	2	fl-cu...	3	fl-cu..	3	ny-clear	0
19	ny-clear	0	ny-clear	0	ny-clear	0	clear	0	clear	0	... ...	...
20	... ...	...	... ... [W-hor	...	... ...	...	... ...	...	... ...	...	clear	0
21	ny-clear	0	ny-clear, a few cr-st in	0	clear	0	clear	0	clear	0	clear	0
22	ny-clear	0	cr-st hz	1	ny-clear	0	clear	0	clear	0	sc-cu, cr-hz ...	2
23	thin cr-st, hz ...	4	thick cr-hz, cr-st ...	4	cr-hz, cu	3	cr-cu, cr-st, dense hz	5	cr, cr-hz, cu ...	4	fl-cu, thick hz ...	6
24	cr-cu, cr-st, hz ...	4	cu-st, cr-st, hz ...	4	cr-st, hz	3	cr-st, hz	4	cr, cr-st	4	cr, thick cr-hz ..	6
25	cr-st, hz	1	cr, cr-st, hz ...	3	cr, cr-st	1	cr, cr-st	2	cr, cr-hz, thick hz ...	3	cr, cr-hz, cu ...	2
26	ny-overcast, nim ...	7	cr, cr-st, dense hz...	5	cr, cr-st, dense hz	4	cr, cr-st, dense hz ...	3	cr, cr-st, dense hz ...	4	... ...	...
27	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	clear	0
28	ovt, nim, lt-R, th...	8	overcast	8	overcast	8	ny-clear	0	cr, cr-hz, st ...	3	ny-clear	0
29	cr-hz, cr, cu ...	5	cu-st, cr-st, lg N W...	4	cu-st, hz, lg W ...	3	cr, cr-st, d-hz, lg NW	3	cu, cr-st, dense hz ...	4	ny-overcast, nim ...	7
30	cr-cu, cr-st, cu ...	3	cu, cr-hz, lg S ...	6	overcast, lg S W ...	8	overcast	8	cr, cr-hz, st... ...	5	cr, cr-hz, st... ...	4

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE

ard....around
cld....clouds or cloudy
cr or ci..cirri or cirro or cirrous
cu .....cumuli or cumulo
D.....dew
d.....dense
dis....distant
df.....detached
E.....east
fg.....fog
fk.....forked
fl .....flying
fr .....frequent
g.....ground
hy.....heavy
hl.....halo
hor....horizon
hz.....haze or hazy
ld.....lond
lg .....lightning
lt .....light
mt.....meteor
N .....north
nim ..nimbi
ny.....nearly
ov.....overhead
ovt....overcast
ps.....peals
pt.....part or partly or partial
R .....rain
r-b ....rain-bow
S.....south
sc .....scattered
sh.....sheet
st .....stratus
th.....thunder
thl....thick
v .....very
viv ....vivid
W .....west

REMARKS ON THE WEATHER FOR THE MONTH OF MARCH 1856

Date	12	Cloudy sky in 8ths	14	Cloudy sky in 8ths	16	Cloudy sky in 8ths	18	Cloudy sky in 8ths	20	Cloudy sky in 8ths	22	Cloudy sky in 8ths	Thermometers: Radiation Sol.	Radiation Ter.	Air Max.	Air Min.
1	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	126·7	64·8	86·5	70·7
2	cu cr-st, hz ...	2	fl-cu, cu-st, cr-hz	5	fl-cu, cu-st, cr-hz..	6	cu, cr-st, cr-hz ..	4	cu, cr, dense hz ...	5	fl-cu, cu, dense hz.	4	128·0	67·7	87·7	74·1
3	fl-cu, cr-hz ...	3	fl-cu	3	fl-cu, cr-hz ...	3	fl-cu, cr-hz ...	3	cr, cr-hz, st ...	3	cr, cr-hz	1	128·5	64·0	85·7	72·4
4	ny-clear ...	0	ny-clear ...	0	ny-clear	0	sc-cu, cr-hz ...	2	ny-clear	0	clear	0	122·0	64·4	85·8	69·3
5	ny-clear ...	0	ny-clear ...	0	cu, hz	2	cu, cu-st, cr-hz ...	3	ny-clear	0	ny-clear	0	121·3	63·8	84·7	70·1
6	ny-clear ...	0	fl-cu, cr-hz ...	1	cu, cu-st, cr-hz ...	3	sc-cu, cr-hz ...	3	cr, cr-hz	2	cr, cr-hz	3	119·2	65·8	84·6	70·1
7	sc-cu, cr-hz ...	3	cr, cr-hz ...	1	cr-cu, cr-hz ...	2	cr-cu, cr-hz ..	3	cr, cr-hz, st ...	3	cr, cr-hz, st ...	3	123·0	60·6	85·3	68·3
8	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	127·0	63·2	87·1	68·5
9	cr-cu, cr-hz ...	2	cu, cu-st, cr-hz .	3	fl-cu, cu-st, hz ...	4	fl-cu, cu-st, hz ...	3	cr, cr-st, hz ...	1	cr, cr-hz	2	120·0	66·2	87·6	72·0
10	ny-clear ...	0	ny-clear, cr-st...	0	cu, cu-st, cr-hz ...	3	cu, cu-st, cr-hz ...	3	sc-cu	1	ny-clear	0	116·3	66·1	88·0	72·5
11	ny-clear ...	0	cu, hz	3	fl-cu, cu-st, cr-hz .	3	cu, cr-st, hz ...	2	ny-clear	0	clear	0	121·0	68·6	88·2	74·9
12	cu, cr-hz ...	1	ny-clear ...	0	ou, cu-st, cr-hz ..	5	cu, cu-st, cr-hz ...	4	ny-clear	0	ny-clear	0	116·0	67·3	87·6	74·2
13	cr-st, cr-hz ...	2	hy-cu	3	cu, cu-st, cr-hz ...	4	cu, cu-st, cr-hz ...	3	cu-hor	1	sc-cu, hz	1	115·5	72·0	87·6	74·7
14	cu, cr-st, hz ...	2	hy-cu, cu-st ...	4	cu, cu-st, cr-hz ...	2	cu, cu-st, cr-hz ...	4	sc-cu	3	cu-hor	2	128·0	70·5	87·4	72·6
15	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	117·5	71·5	90·1	74·0
16	cu, cu-st, cr-hz.	4	cu, cu-st, cr-hz .	4	sc-cu, cr-hz ...	3	fl-cu	3	cu-hor	2	sc-cu, hz	1	111·3	71·2	88·7	74·8
17	fl-cu, cu-st, cr-hz	3	fl-cu, cu-st ...	2	sc-cu, cr-hz ...	3	sc-cu, cr-hz ...	3	cu-hor	1	clear	0	116·8	71·2	89·4	74·6
18	cr-st, hz ...	1	clear	0	sc-cu, cu-st, hz ...	4	sc-cu, cu-st, hz ...	4	cu, cr-hz	2	cu-hor	1	132·0	72·0	89·4	75·8
19	fl-cu, cr-st, cr-hz.	3	cr-st, hz ...	3	cr-st, hz... ...	2	cr-st, cr-hz ...	2	cu, cr, cr-hz ...	3	cu, cr, cr-hz ...	3	120·0	73·4	90·8	76·2
20	cu, cu-st, cr-cu, cr-	4	cu, cr-cu, hz ...	3	cr-cu, cu, cu-st ...	6	ny-clear ...	0	sc-cu	1	cu-hor	2	121·7	74·0	92·1	77·5
21	cr, cr-hz [hz	1	ny-clear ...	0	fl-cu	2	fl-cu, cu-st ...	3	cu-W-hor ...	1	cu-W-hor ...	1	118·0	73·0	89·9	77·2
22	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	123·1	73·5	91·8	76·7
23	ny-clear ...	0	cu-hor... ...	2	fl-cu, cu-st, cr-hz..	4	cu	1	clear	0	clear	0	119·8	74·0	91·8	77·0
24	ny-clear ...	0	ny-clear ...	0	fl-cu	1	clear	0	clear	0	clear	0	121·0	70·4	93·7	73·9
25	cu, cr-cu, hz ...	3	cu, cu-st, cr-cu.	5	clear	0	cr-hz	1	cr-st, hz, cr-hz ...	1	cr-st, hz, cr-hz ...	2	115·2	71·4	88·7	74·4
26	fl-cu	3	cu, cr, cr-st ...	4	cu, hy-cu... ...	3	cr, cr-st, hz ...	1	cr, cr-st, hz ...	3	cr, cr-st, hz ...	2	120·7	70·1	88·4	73·3
27	fl-cu, cr-st, hz ...	3	fl-cu, cu-st, cr-st	6	cr-st, cr-hz ...	3	cr-st, cr-hz ...	3	cr, cr-hz	2	cr, cr-hz, st ...	3	120·0	68·2	88·3	72·8
28	cr-st, cr-hz ...	2	cu, cr-st, cr-hz .	2	sc-cu, cr-hz ...	3	sc-cu, cr-hz ...	1	cu, cr, cr-hz ...	2	cu, cr, cr-hz ...	2	119·2	71·0	90·0	74·1
29	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	117·7	71·2	89·1	74·1
30	cu, cu-st, hz ...	3	cu, cr-st, cr-hz..	2	ou, cu-st, cr-hz ...	4	cu, cu-st, cr-hz ...	3	fl-cu, cu-st, cr-hz .	3	cr, cr-hz	3	116·0	72·6	89·5	75·8
31	cu, cu-st, cr-hz ..	4	cu, cu-st, cr-hz.	4	fl-cu, cr, cr-hz ...	6	cr-str, cr-cu, cu ..	4	cr-st, cr-cu, cu ...	3	cr, cr-st, fl-cu ...	3	123·5	67·5	89·2	77·3

REMARKS ON THE WEATHER FOR THE MONTH OF APRIL 1856

1	fl-cu	1	cr-st, cr, cu ...	4	fl-cu, cu-st, hz ...	4	sc-cu, cr-st ...	4	cu, cr-cu, hz ...	3	cu, cr-cu, cr-hz ...	3	123·1	76·2	91·6	80·2
2	cr-st, cu ...	2	cr, cr-hz, thi-cr-st	6	cr, cr-cu, cr-st, hz	3	cr, cr-cu, cr-st, hz	3	cu, cr-cu, cr-hz ...	3	cu, cr-cu, cr-hz ...	2	122·7	73·3	92·4	77·4
3	cr-st, cr ...	2	cr-cu, cr-st ...	4	cr-st, dense hz ...	2	cr, st, dense hz ...	3	cu, cr-cu, cr-hz ...	3	cr-cu, cr-st, hz ...	2	132·7	75·3	94·4	79·3
4	clear	0	ny-clear ...	0	fl-cu, hz	3	cu, cr-st, hz ...	3	cr-st, cu	1	cr-st, cu	1	119·5	72·8	91·5	77·7
5	... ...	...	.. ..	...	.. ..	...	... ...	...	... .	...	... ...	...	124·5	74·3	92·6	75·7
6	hz dimly cov, fl-cu	3	cu, cr-hz, nim...	8	cr-st, hz	2	ny-clear	0	clear	0	ny-clear	0	125·0	73·5	95·3	78·2
7	clear	0	cr-st, hz ...	1	ny-clear, hz ...	0	cr-st, hz	1	ny-clear	0	ny-clear	0	115·3	76·0	92·5	78·0
8	ny-clear ...	0	cr-st, hz ...	1	fl-cu, hz	3	ny-clear	0	cr-hz	1	cr-st, hz	3	122·3	78·1	93·4	80·4
9	clear	0	cr-st, hz ...	3	fl-cu, hz, ny-ovt...	6	fl-cu, hz, hl ard ⊙	6	cr-st, thick hz ...	6	cr-st, thick hz ...	5	123·5	78·0	93·2	81·3
10	cr, cr-hz ...	2	cr, cr-st, hz ...	4	cr, cr-st, hz ...	2	cr, cr-hz	4	cr-cu, cr-st, cr-hz.	6	cr-cu, cr-st, cr-hz.	5	121·1	77·0	91·9	77·5
11	fl-cu	1	cu, cu-st, cr-hz.	3	cu, cu-st, cr-hz ...	3	cr, cu-st, cr-hz ...	4	fl-cu, cr-st, cr ...	4	fl-cu, cr-st, cr ...	3	120·8	75·7	92·2	79·2
12	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	126·5	78·0	93·3	79·3
13	ny-clear ...	0	cr, cr-hz, cr-st...	2	fl-cu, cr-hz ...	2	fl-cu, cr-hz ...	4	cu, cu-st, cr-hz ...	3	cu, cu-st, cr-hz ...	3	122·3	78·0	94·3	81·7
14	cu-st, nim, hz, viv-lg S &	6	ny-overcast ...	6	overcast	8	cu, cu-st, cr-cu, hz	5	cu, cu-st, cr-cu, hz	4	cu, cr-cu, cr-hz ...	3	139·2	78·1	94·6	79·2
15	ny-clear [E-hor	0	cr, cr-st, hz ...	3	cr, cr-st, cr-hz ...	2	cr, cr-st, cr-hz ..	2	sc-cu	2	cu, cu-st	2	144·3	75·8	95·9	79·3
16	ny-clear ...	0	cr, cr-hz ...	2	cu, cr, cr-hz ...	4	fl-cu	1	cu, cr-hz... ...	1	cu, cr-hz	1	120·5	75·6	93·3	79·1
17	cu-st, cr-st ...	1	ny-clear ...	0	fl-cu	4	sc-cu, cr-hz ...	2	cu-hor	1	cu-hor	1	122·9	74·4	91·9	76·1
18	ny-clear ...	0	ny-clear ...	0	fl-cu	1	ny-clear, fl-cu ...	0	cu-hor	1	cu-hor	1	121·2	72·0	91·8	75·8
19	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	122·0	74·3	92·0	77·1
20	clear	0	ny-clear ...	0	sc-cu	2	cu-hor	1	ny-clear	0	ny-clear	0	117·5	78·0	94·3	79·1
21	cu-hor... ...	1	cu, cu-st ...	2	fl-cu	2	fl-cu	2	sc-cu	2	ny-clear	0	112·4	77·2	92·6	80·9
22	cu, cr-st-hor ...	2	cr-cu, cr-hz ...	2	sc-cu, cr-hz ...	3	sc-cu, cr-hz ...	3	cu, hz	2	cu, thick st ...	3	114·5	77·6	92·6	80·3
23	cr, thick cr-hz..	5	cu, cr-st, cr-hz.	6	cu, cr-st cr-hz ...	5	cu, cr-cu, cr-st, hz	6	cu, cr-cu, cr-st, hz	4	cr-cu, cr-st, hz ...	4	127·3	77·4	95·5	81·2
24	cr-st	2	cr-cu, cr-st ...	5	cr, cr-hz, cu ...	2	cr-st, cr-hz ..	2	sc-cu, cr-hz ...	1	sc-cu, cr-hz ...	1	119·1	78·3	94·1	81·8
25	cr-st, hz ...	1	fl-cu, cr, cr hz...	4	cr-st, hz	2	cu, cr-hz... ...	5	cu, cr-hz	2	cu, cu-st, cr-hz ...	3	134·5	80·3	95·5	82·5
26	... ...	...	... .	...	... ...	...	.. ..	...	.. ..	...	.. ..	...	123·9	76·0	94·5	79·3
27	cr-st	1	fl-cu, hz ...	4	fl-cu, hz	3	fl-cu, hz	2	cu, cu-st, cr-cu, hz	2	cu, cu-st, cr-hz, nim	5	136·7	77·5	93·5	81·8
28	ny-clear ...	0	fl-cu, nim [hz	6	sc-cu, cu-st, cr-hz.	4	sc-cu, cu-st, cr-hz.	4	sc-cu. cu-st, cr-hz.	4	cu, cu-st, cr-hz, nim	5	139·5	73·6	91·5	75·8
29	thi cr-st, hz, ny-ovt	6	thi cr-st, cr-cu, cr-	6	cu, cu-st, cr-cu, hz	4	cu, cr-cu, cr-hz ...	2	cu, cr-st, hz ...	2	ci-cu, ci-st, cu ...	2	144·2	76·5	93·6	78·7
30	cr-st, hz ...	2	cr, cr-st, cr- hz..	4	cr, cr-st, cr-hz ...	4	cr, cr-st, cr-hz ...	4	cu, cr, cr-hz ...	7	fl-cu, cu-st, cr-hz, nim	6	143·0	75·5	95·8	79·5

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE

ard...around
cld ...clouds or cloudy
cr or ci. cirri or cirro or cirrous.
cu ...cumuli or cumulo
D ....dew
d .....dense
dis...distant
dt....detached
E.....east
fg....fog
fk....forked
fl.....flying
fr .....frequent
g.....ground
hy ..heavy
hl ....halo
hor ..horizon
hz ...haze or hazy
ld ....loud
lg.....lightning
lt .....light
mt...meteor
N ....north
nim..nimbi
ny ..nearly
ov....overhead
ovt...overcast
ps....peals
pt....part or partly or partial
R .....rain
r-b ...rain-bow
S .....south
sc.....scattered
sh....sheet
st ....stratus
th....thunder
thi...thick
v.....very
viv ...vivid
W....west

REMARKS ON THE WEATHER FOR THE MONTH OF MAY 1856

Date	Göttingen Mean Time **NOON**	Cloudy sky in 8ths	**2**	Cloudy sky in 8ths	**4**	Cloudy sky in 8ths	**6**	Cloudy sky in 8ths	**8**	Cloudy sky in 8ths	**10**	Cloudy sky in 8ths
1	cu, cu-st, ci-hz ...	5	cu, cu-st, hz ...	4	cu, cu-st,nim,lg NW	6	fl-cu, cu-st, hz, nim,	6	cu, cu-st, ci-hz,fr-lg NW	3	cu, ci, ci-hz, fr-lg N.	2
2	overcast ...	8	ovt, lg S W ...	8	ovt, lg S ...[& SW	8	evt, lg SW [lg SW	8	cu,cu-st,ci-hz, lg SW·	6	ci, cu, ci-hz... ...	3
3	ci-cu, ci-hz, ci ...	3	cu, ci-hz, nim, lg & [th NW	5	cu, ci-hz, nim, sh-lg [SW	6	cu, cu-st, ci-st, hz ...	6	cu, cu-st, ci-hz ...	4	cu, ci-hz	3
4	... ...	...	... ...	...	... ...	..	... ...	.	... ...	...	... ...	...
5	cu-st, W-hor ...	1	thi-cu-st, lg NW-hor	2	cu, cu-st, fr-viv-lg NW	3	cu-st, cu, lg SW ...	3	cu, ci-st, hz ...	3	cu, ci-hz	2
6	cu-st, nim, cu, ci-st, dis-	5	cu-st, ci-hz, nim ...	5	cu-st, nim, lg NW ..	1	cu, cu-st, sh-lg W ...	2	cu, cu-st, ci-hz ...	3	cu, cu-st, ci-hz ...	2
7	cu-st, hz ... [th W	2	cu-st, hz	1	ny-clear,cu-st,lg NW	0	cu, hz, lg S & W ...	2	cu, cu-st, ci-hz, fr-lg	2	cu, ci-hz, sh-lg NW..	2
8	ci-st, ci-hz, cu-st, nim	5	cu, cu-st, nim, lg NW	6	ny-ovt, nim, lg W ...	8	cu, cu-st, d-hz, lg ..	6	cu, ci-cu, ci-hz [SW	4	ny-ovt	7
9	ci-st, cu, nim ...	4	cu-st, ci-hz... ...	2	ny-clear, ci-st W-hor	0	cu, ci-hz	2	ny-clear	1	cu, ci-hz	2
10	ci-st, cu-st, nim ...	2	cu, ci-st, hz ...	2	cu, ci-st, hz, lg SW .	1	cu, ci-cu, lg W ...	3	cu, ci-hz, lg W ...	2	clear	0
11	... ...	..	... ...	...	... .	...	... ...	...	... ...	...	... ...	...
12	ci-cu, ci-st, hz ...	2	cu, ci-st, hz ...	2	ny-clear	0	ny-clear	0	ny-clear	0	ny-clear	0
13	sc-cu, ci-hz ...	2	ci-st, ci	2	ci-st, ci, lg NW ...	1	ci-st, ci-hz	3	ny-clear	2	ny-clear	0
14	cu, cu-st, ci-hz, nim	3	cu-st, ci-st, hz, lg W.	3	ci-st, hz, lg NW ...	2	ci-st, hz, lg NW ...	2	ci, ci-hz, lg SW ..	2	ny-clear, lg SW ...	0
15	ci-cu, ci-hz, cu-st, th-	3	cu-st, ci-st, hz, lg W	3	ci-cu, dense hz, lg W	7	ci-cu, dense hz, lg W	7	fl-cu, nim, dis-th, sh-lg	7	fl-cu,nim, th & lg NE	7
16	overcast ... [NW	8	ny-ovt	7	ci-cu, ci-hz	5	ci-cu, thi-ci-hz ...	5	cu, ci-hz, ci-st [NE	3	ci, ci-hz, cu... ...	3
17	cu-st, ci-st, hz ...	2	cu-st, ci-st, hz ...	3	ci-st, hz	1	ci-hz, ci-st	3	fl-cu, cu-st, ci-hz,nim	4	ovt	8
18	... ...	.	... ...	...	... ...	...	... ...	...	... ...	...	... ...	..
19	ovt	8	ovt	8	cu, ci-st, thi-ci-hz ...	6	ny-ovt	7	ny-ovt	7	ovt, R, th	8
20	ovt	8	ovt	8	ovt	8	ovt, R	8	ovt	8	evt, lt-R	8
21	ovt, R	8	ovt, R, lg E ...	8	ovt, lg E	8	ovt	8	ovt	8	ovt	8
22	hy-cu, nim, thi-ci-hz	7	ovt	8	cu, thi-ci-hz ...	5	cu, thi-ci-hz ...	5	ci, thi-ci-hz... ...	7	ci, thi-ci-hz... ...	4
23	ci, ci-hz	2	cu-st, ci-st, hz ...	2	cu, hz, R	4	cu, ci-st, hz ...	3	cu, ci-st, ci-hz ...	4	cu, ci-cu, ci-hz ...	5
24	cu, cu-st, ci-hz, nim	5	cu-st, ci-hz ...	3	cu-st, ci-hz ...	3	cu, cu-st, nim ...	4	cu,cu-st, nim, ny-ovt.	7	ovt,cu,ci-cu,cu-st, hz	8
25	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...
26	cu, ci-cu, thi-ci-hz,st	6	fl-cu, ci-st, hz ...	6	fl-cu, ci-st, hz ...	4	fl-cu, ci-st, hz ...	3	cu, cu-st, ci-hz ...	3	cu, ci-cu, ci, ci-hz ...	6
27	cu, cu-st, nim ...	7	cu, ci-hz, nim ...	6	cu, cu-st	6	cu, cu-st, hz, lg N ...	6	cu, cu-st, ci-hz ...	6	ci-cu, ci-hz ...	7
28	cu, cu-st, hz ...	6	cu-st, ci-st, dense hz.	4	ny-ovt, R, lg SE ...	5	fl-cu,cu-st,ci-hz,nim,	6	cu, cu-st, ci-hz, nim	4	cu, ci-st, ci-hz ...	3
29	ci-cu, ci, ci-hz ...	7	ci-cu, ci-hz ...	7	ovt	8	cu, dense hz [lg SE	6	cu, ci-cu, d-hz ...	4	cu, ci-st, ci-hz ...	3
30	ci, ci-hz, cu ...	7	ci-st, cu, dense hz ...	7	ci-st, cu, dense hz...	6	ci-st, cu, dense hz...	6	cu, cu-st, ci-st, d-hz .	6	cu, cu-st, ci-st, d-hz.	5
31	hy-cu, ci-st, hz, r-b..	7	cu-st, ci-st, hz ...	6	cu, ci, ci-hz ...	3	cu, ci, ci-hz ...	6	ny-ovt	7	cu, ci-hz	3

REMARKS ON THE WEATHER FOR THE MONTH OF JUNE 1856

1	... ...	..	... ...	...	... ...	..	... ...	...	... ...	...	... ...	...
2	fl-cu, cu-st, hz ...	6	fl-cu, cu-st, hz ...	6	cu, cu-st	6	cu, cu-st-hz ...	5	cu, cu-st, ci ..	5	cu, cu-st, ci-hz ...	5
3	fl-cu, cu-st, ci-hz ...	6	fl-cu,nim, R... ...	7	cu, nim, lt-R ..	8	cu, cr	4	cu, cu-st, ci-st ...	5	cu, ci-hz	3
4	cu, thi-ci-hz ...	6	fl-cu,thi-ci-hz, lg SW	6	cu, hz, lg S ...	4	cu, ci-st, d-hz, lg S..	5	cu, ci, ci-hz... ..	6	cu, ci-st, hz ...	4
5	cu, d-hz	6	ovt	8	thi-ci-hz,cu,sh-lgNW	5	ny-ovt, lg N ...	8	ny-ovt, lg SE ...	7	ny-ovt, viv-sh-lg SE	7
6	cu, cu-st, dense hz...	7	cu, cu-st, dense hz...	6	cu, ci-hz	6	cu, cu-st, hz,nim,lg N	7	cu,cu-st,hz,nim,lgNW	7	cu, cu-st, ci-cu, d-hz	6
7	hy-cu, cu-st, nim ...	8	cu, nim, ci-hz ...	7	ovt	8	cu, dense ci-hz ...	6	cu, cu-st, hz ...	4	cu, cu-st, ci-hz ..	6
8	... ...	...	... ...	...	... .	...	... ...	...	... ...	...	... ...	...
9	fl-cu, cu-st, nim ...	7	fl-cu, cu-st, nim ...	7	fl-cu, cu-st, nim ...	7	cu, oi-cu, hz ...	6	cu, ci-hz	4	cu, ci-hz	3
10	fl-cu, cu-st, nim ...	6	ny-ovt, nim, lg NW	8	ny-ovt, nim, lg NW..	8	hy-cu, hz, lg NE ...	6	ovt, lg NW	8	ovt	8
11	cu, cu-st, nim ...	6	cu, cu-st, nim ...	7	cu, cu-st, nim ...	8	hy-cu,ci-cu,ci,hz,nim	8	ci, dense ci-hz ...	5	cu, ci-st, hz... ...	4
12	fl-cu, cu-st,ci-hz, nim	6	cu, cu-st, ci-hz ..	6	cu, cu-st, ci-cu, ci-hz	6	ny-ovt	7	cu, ci-cu, ci-hz ...	6	cu, ci-cu, hz, nim ...	6
13	fl-cu, nim	5	cu, nim	6	cu, cu-st, nim ...	8	cu, cu-st, dense hz...	6	cu, ci-cu, dense hz...	7	cu, ci-cu, dense hz...	4
14	fl-cu,cu-st,nim,dis-th	6	fl-cu, nim, lt-R ...	7	cu, cu-st, hz, nim ...	6	ny-ovt	7	ny-ovt	7	cu, ci-cu, ci-st, ci-hz	5
15	... ...	...	... ...	..	... ...	..	... ...	..	... ...	..	.. ..	...
16	fl-cu, nim	6	fl-cu, nim	5	cu, ci-hz, nim ...	5	fl-cu, cu-st,ci-hz,nim	8	cu, cu-st, hz, lg N...	5	ou, cu-st, hz, lg N...	5
17	fl-cu, nim	5	cu, ci-hz	4	cu, ci-hz, nim ...	7	cu, ci-hz, nim ...	7	cu, cu-st, hz ...	6	cu, ci-st, hz ...	3
18	cu in horizon ...	3	cu, hz	4	cu-hz	4	cu, cu-st, hz ...	4	ny-clear	1	ci-cu, hz	2
19	cu, ci-hz	4	cu, ci-cu, st ...	4	cu, ci-cu	4	fl-cu, cu-st ci-hz, nim	6	hy-cu, ci-cu, ci-hz ...	7	ny-ovt	7
20	ovt	8	ovt	8	cu, st, ci-hz ...	6	ci, cu, ci-st, ci-hz ...	6	ny-ovt, lg NW ...	7	ovt, sh-lg W & N ...	8
21	ovt	8	ovt	8	thi-ci-hz	4	cu, cu-st, d-ci-hz ...	7	cu, cu-st, d-ci-hz ...	6	cu,cu-st,ci-hz,lg,th S	6
22	... ...	...	... .	..	... .	...	... ...	...	... .. [nim	...	... ...	...
23	fl-cu, cu-st	5	fl-cu, cu-st	6	fl-cu, cu-st	6	fl-cu, cu-st, hz ...	7	hy-cu, cu-st, ci-hz,	7	hy-cu,cu-st,ci-hz, nim	7
24	fl-cu, nim	6	fl-cu, nim, hz ...	6	cu, cu-st, hz ...	5	fl-cu, hz	5	cu, cu-st, ci, ci-hz,lg S	7	ci, ci-cu, ci-st, ci-hz..	2
25	cu, thi-ci-hz ..	7	cu, thi-ci-hz ...	7	cu, thi-ci-hz, lg SW.	6	cu, ci-hz, sh-lg S ...	6	cu,cu-st,ci-hz, sh-lg S	7	hy-cu,cu-st,ci-hz,sh-lgS	7
26	ci, cu-hz	6	ci-st, cu-hz	5	cu, thi-hz, lg SW ...	5	cu, cu-hz, sh-lg S ...	3	cu,ci,ci-hz,sh-lg N&S	3	cu,cu-st,ci-hz,nim,sh-lg	6
27	cu, dense hz ...	6	cu, dense hz ...	7	cu, dense hz ...	5	cu, ci-hz	2	cu, dense ci-hz ...	4	cu, ci-cu, hz ... [S	5
28	cu, ci-hz	3	ci, ci-hz	3	ci, ci-hz	1	ny-clear	1	ny-clear	0	cu, ci-cu,ci-hz,fr-sh-lgW	3
29	... ...	...	... .	...	... ...	...	... ...	..	... ...	...	... ...	...
30	cn, cu-st, cr, cr-hz...	5	cu-st, lg NW, lt-hz...	2	ny-ovt, lg W ...	4	ovt, lt-R, sh-lg, th...	8	ovt, fr-sh-lg, th ...	8	ovt, nim	8

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE

ard ..around
cld...clouds or cloudy
cr or ci-cirri or cirro or cirrous
cu....cumuli or cumulo
D ....dew
d .....dense
dis ...distant
dt....detached
E....east
fg ....fog
fk....forked
fl .....flying
fr ....frequent
g .....ground
hy ...heavy
hl ....halo
hor...horizon
hz ...haze or hazy
ld ....load
lg ....lightning
lt.....light
mt ...meteor
N. ....north
nim..nimbi
ny....nearly
ov ....overhead
ovt...overcast
ps ....peals
pt ....part or partly or partial
R. ....rain
r-b ...rain-bow
S .....south
sc....scattered
sh ....sheet
st ....stratus
th ....thunder
thi ...thick
v .....very
viv ...vivid
W ....west

REMARKS ON THE WEATHER FOR THE MONTH OF MAY 1856

Date	12	Cloudy sky in 8ths	14	Cloudy sky in 8ths	16	Cloudy sky in 8ths	18	Cloudy sky in 8ths	20	Cloudy sky in 8ths	22	Cloudy sky in 8ths	Thermometers: Radiation Sol.	Radiation Ter.	Air Max.	Air Min.
1	ci,ci-hz,cu,fr-lgNE	3	ovt, nim, R ...	8	ovt, lt-R ...	8	cu, ci, thi-ci-hz ...	5	cu, ci, thi-cr-hz ...	5	cu,ci-hz,nim,thNW	5	128·5	71·7	88·0	74·2
2	ci, ci-hz, nim ...	6	ny-ovt... ...	7	ci, ci-hz, cu ...	6	fl-cu, ci-cu ...	6	ci-cu, ci-st ...	6	ci, cu, ci-hz ...	4	126·5	76·0	92·2	77·1
3	ci, ci-hz ...	2	ci, ci-hz, st ...	2	fl-cu	3	fl-cu	3	fl-cu	2	cu, cu-st, ci-st ...	3	128·1	78·8	93·2	81·4
4	... ...	...	... ...	...	... ...	...	... ...	...	... .	...	... .	...	119·3	78·4	92·0	80·2
5	cu, cu-st, ci-hz .	3	ci-st, ci-hz ...	3	fl-cu	4	fl-cu, cu-st, nim...	5	hy-cu, ci-st, hz ...	4	cu-st, nim, cu, ci-st,	5	114·1	78·2	92·2	80·7
6	ci, ci-hz ...	2	cu, ci, ci-hz ...	3	ci-cu, ci-st, ci-hz .	3	cu, ci, ci-hz ...	3	cu-st, hz	3	cu-st, hz [dis-thW	2	125·3	78·3	92·4	80·2
7	cu, ci-st, ci-hz .	3	cu, ci-cu,ci-st,hz	5	cu, ci-cu, ci-st, hz.	6	ci, ci-hz, cu ...	5	sc cu, ci-st, hz ...	5	ci-cu, ci-hz, cu-st, cu.	5	123·0	77·9	93·6	81·0
8	ci, ci-hz, st ...	4	ci, thi-ci-hz ...	5	ci, thi-ci-hz ...	5	ci, thi-ci-hz ...	3	ci,ci-cu,cu-st,cu,ci-st,	5	ci,ci-cu,ci-st,cu, cu-st	5	120·3	77·1	94·0	82·0
9	ci, ci-hz ...	2	ci, ci-hz ..	2	fl-cu	3	fl-cu, cu-st, nim ...	5	cu ... ... [nim	3	cu, cu-st, ci-st, hz.	2	120·8	79·6	93·8	82·3
10	ci, ci-hz ...	1	lt-cu, ci-st ...	2	ci, ci-hz	2	ci, ci-hz, st ...	3	ci-st, ci-hz, cu ..	2	ci-st, ci-hz, cu ...	2	121·5	79·4	94·6	82·4
11	... ...	...	.. ..	...	... ...	..	... ...	...	... ...	...	... ...	..	127·5	79·4	96·3	82·9
12	ny-clear ...	0	ci, ci-hz, st ...	2	ci, ci-hz, st ...	2	ny-clear	1	so-cu, ci-hz ...	3	sc-cu, ci-hz ...	3	131·5	78·8	97·9	82·1
13	ny-clear ...	0	ci-cu, ci-hz ...	3	ci-cu, ci-hz ...	3	ci, ci-hz, st ...	3	ci-st, ci-hz, cu ...	2	sc-cu, ci-st, hz ...	2	136·7	79·4	101·6	83·0
14	ci, ci-hz, st, lg NW	3	ci-cu, ci-hz ...	3	ci, ci-hz	2	ci, ci-hz	2	cu, ci-hz ...	1	ci-cu,lt-ci-st,cu,cu-st.	2	128·3	79·9	98·3	84·3
15	ovt. nim,fr-lg&th	8	ovt, nim ...	8	ovt, R, fr-th & lg...	8	ovt, lt-R,th & fk-lg	8	ovt, R	8	ovt	8	...	72·9	92·0	77·0
16	ci-cu, ci-st, ci-hz	3	ci-cu, cu, ci-hz..	3	ci, ci-hz	1	ny-clear	0	clear	0	cu-st	1	116·2	73·2	89·7	75·1
17	ovt	8	ovt, R	8	ovt	8	ovt	8	ovt, lt-R	8	ovt	8	124·5	77·3	94·2	80·2
18	... ...	...	.. ..	...	... ...	...	... ...	...	... ...	...	... ...	...	...	77·0	87·4	78·5
19	ovt, R	8	ovt	8	ny-ovt	7	ny-ovt, drizzle ...	7	ovt, R	8	ovt, R	8	...	73·5	82·4	75·4
20	ovt, R	8	ovt	8	ovt, dis-th ...	8	ovt, R	8	ovt	8	fl-hy-cu,ci-st,ci-cu,hz	8	...	74·5	85·9	75·8
21	ovt	8	cu, ci, ci-st, hz .	7	ny-ovt	7	ci, thi-ci-hz ...	7	cu, ci-st, thi-ci-hz	7	hy-cu, nim, thi-ci-hz.	7	99·0	76·5	90·0	77·7
22	cu,cu-st, ci-cu,hz	6	ci-st, ci-hz ...	4	ci, ci-cu, hz ...	2	ci, ci-hz	1	fl-cu, cu-st ...	3	fl-cu, cu, cu-st,nim	5	123·3	75·5	87·8	76·7
23	ci-cu, ci-st, hz .	5	ci-cu, ci-st, hz .	4	ci-cu, ci-st, hz ...	6	ci, thi-ci-hz ...	5	sc-cu, ci-st, ci-hz .	6	cu, cu-st, ci-hz ...	4	115·7	76·0	92·7	77·6
24	ovt, cu, ci-cu, cu-st	7	cu, ci-cu ...	8	cu, ci-cu	8	cu, ci-cu, ci ...	7	cu, ci-cu, ci ...	7	cu, ci-cu, thi-ci-hz, st	7	121·2	75·6	95·2	78·7
25	... ... [hz	...	.. ..	...	... ...	...	... ...	...	... ...	...	... ...	...	118·0	78·4	93·7	79·5
26	cu, ci-cu, ci, ci-hz	5	cu,ci-cu,ci, ci-hz	4	ci, ci-hz	3	fl-cu, ci-hz ...	5	cu, ci-hz	5	cu, cu-st	7	116·3	74·8	94·4	79·0
27	ci-cu, ci-hz ...	7	cu,ci-cu,ci-st, ci-hz	6	cu,ci-hz,ci-st,ci-cu	3	ci, ci-hz, cu ...	4	ci, ci-hz	4	cu, cu-st, hz ...	7	131·6	76·8	96·4	81·1
28	cu, oi, ci-st, hz .	5	ci, ci-st, thi-hz .	6	ci-cu, ci-hz, st ...	6	ci-cu, ci-hz, st ...	6	ci, ci-hz, hz ...	7	ci-st, ci-hz, cu ...	7	115·5	79·2	95·7	81·2
29	cu, ci-st, ci-hz .	3	ci-cu, ci-st,ci-hz	6	ci, thi-ci-hz ...	6	ci, thi-ci-hz ...	7	ci, thi-ci-hz ...	7	ci, ci-hz, cu ...	7	120·2	76·6	96·9	82·2
30	cu,cu-st,ci-st,d-hz	6	cu, ci-cu, ci-hz .	8	cu, ci-cu, d-hz ...	6	cu, ci-cu, d-hz ...	6	cu, ci-cu, d-hz ...	6	fl-cu, cu-st, ci-hz .	6	120·1	79·8	98·6	83·6
31	ci-cu, ci-st, hz .	4	ci-cu, ci-st, hz .	7	cu, ci-cu, ci-st, hz.	7	cu, ci-cu, ci-st, hz	5	fl-cu, cu-st ...	6	fl-cu, cu-st ...	6	120·5	76·8	99·3	83·5

REMARKS ON THE WEATHER FOR THE MONTH OF JUNE 1856

1	... ...	...	... ...	...	... ...	...	... ...	..	... ...	...	... ...	...	118·5	79·2	98·6	82·0
2	cu, ci-cu, hz ...	4	cu, ci-cu, ci-st,hz	5	cu, ci-cu, ci-st, hz	5	cu, ci-cu, ci-st, hz	7	fl-cu, cu-st, ci-hz..	7	fl-cu, cu-st, ci-hz..	5	128·0	78·0	97·2	82·7
3	cu, ci-st, ci-hz...	4	cu, cu-st, hz ...	5	cu, ci-cu, ci-st, ci-hz	7	cu, ci-cu, ci-st, ci-hz	6	cu, thi-ci-hz ...	6	cu, thi-ci-hz ...	6	124·5	74·6	94·3	80·3
4	ci-cu, ci-st, d-hz	5	ny-ovt... ...	7	ovt	8	ovt	8	cu, dense hz ..	8	cu, dense hz ...	7	134·7	75·8	92·4	81·1
5	ovt	8	cu, ci-cu, hz ...	8	cu, ci-cu, ci-hz ...	7	cu, ci-cu, ci-hz ...	6	fl-cu, cu-st, ci-hz..	6	cu, cu-st, d-hz ...	7	125·7	77·1	95·6	80·3
6	ny-ovt	7	ny-ovt... ...	7	ny-ovt	7	cu, ci-cu, ci-st, hz	6	fl-cu, cu-st, ci-hz..	7	fl-cu, cu-st, ci-hz..	7	119·0	77·1	96·3	81·5
7	cu, cu-st, ci-hz..	5	cu, ci-st, ci-hz..	4	cu,ci-cu,ci-st,ci-hz	4	cu,ci-cu,ci-st,ci-hz	3	fl-cu, cu-st ...	6	fl-cu, cu-st ...	6	116·0	76·6	96·2	80·7
8	... ...	...	... ...	...	... ...	...	... ...	..	... ...	...	... ...	.	120·3	75·1	99·1	82·2
9	cu, ci-hz ...	4	ci, hz in hor ...	3	ci-cu, ci-st, ci-hz..	3	cu, ci-st, ci-hz ...	3	fl-cu, cu-st, hz ...	4	fl-cu, cu-st, hz ...	5	121·5	74·6	99·3	81·3
10	ovt	8	overcast ...	8	ci-cu, ci-st, hz ...	7	cu, ci-st, ci-hz ...	6	fl-cu, cu-st, ci-hz...	6	fl-cu, cu-st, ci-hz...	7	118·5	77·8	97·4	84·1
11	cu, ci-cu, ci-hz..	5	ci, cu-ci ...	6	cu, ci-cu, ci-hz ...	5	cu, ci-cu, ci-hz ...	5	fl-cu, cu-st, ci-hz..	4	fl-cu, cu-st, ci-hz, nim	4	123·9	75·8	98·7	82·0
12	cu, ci-cu, ci-hz..	5	ci, ci-st ...	2	cu, ci-cu, ci-hz ...	2	ci-cu, ci-st, ci-hz..	3	sc-cu, hz... ...	3	fl-cu, hz	4	125·1	75·5	99·5	83·1
13	cu, ci-cu, d-hz...	5	cu,ci-cu, ci-st,ci-hz	6	cu,ci-cu,ci-st,ci-hz	6	cu,ci-cu,ci-st,ci-hz	6	sc-cu, ci-hz ..	3	fl-cu, cu-st, nim...	6	132·5	76·0	97·8	83·0
14	cu, ci-cu, ci-st, ci-	4	ci-cu,ci-st, ci-hz	4	ci-cu, ci-st, ci-hz..	4	ci-cu, ci-st, ci-hz..	4	cu, ci, ci-hz ...	5	fl-cu, cu-st, ci-hz..	6	120·5	76·8	96·4	82·1
15	... ... [hz	...	... .	...	... ...	...	... ...	...	... ...	...	... ...	...	121·7	76·6	100·1	80·8
16	cu, ci-st, ci-hz...	4	ci-cu, ci-hz,ci-st	5	ci-cu, ci-st, hz ...	4	ci-cu, ci-st, hz ...	3	ci, cu-hz, cu ...	4	fl-cu, cu-st, hz ...	4	125·3	76·8	101·0	81·8
17	ci-cu, ci-st, hz...	3	ci-cu, hz ...	4	ci-cu, ci-st, ci-hz...	3	ci, ci-hz, cu ...	3	ny-clear	1	sc-cu, hz	2	122·5	75·1	100·0	80·9
18	ny-clear ...	1	ci-st, ci-hz ...	1	ny-clear	0	ci-st, ci-hz ...	1	cu, ci-hz	3	cu, ci-hz	5	135·5	76·2	100·4	81·3
19	cu, ci-hz ...	5	cu, ci-cu, ci-hz.	7	cu, ci-cu, ci-hz ...	7	ovt	8	ovt	8	ovt	8	118·0	78·0	93·0	81·4
20	ovt, R	8	ovt, R	8	ovt...	8	ovt	8	ovt	8	ovt	8	107·5	76·0	92·7	78·0
21	cu, cu-st, ci-hz,	6	cu,cu-st, ci-hz, nim	6	ny-ovt	7	ny-ovt	7	cu, ci-cu, hz ...	6	cu, cu-st, hz ...	5	118·0	77·4	93·2	79·8
22	... ... [nim	...	... ...	...	.. ..	...	... ...	...	... ...	...	... ...	...	128·5	78·0	95·5	79·3
23	hy-cu,cu-st, ci-hz	8	ny-ovt... ...	7	cu, ci-cu, ci-hz ...	5	cu, ci-cu, ci-hz ...	4	cu, ci, ci-hz ...	4	fl-cu, cu-st, nim...	6	134·7	79·3	96·5	81·3
24	cu, ci-st, ci-hz...	2	ci-st, ci-hz ...	4	ci-cu, ci-st, ci-hz...	4	ci-cu,cu, ci-st,ci-hz	5	fl-cu, ci-hz ...	6	fl-cu, ci-hz ..	6	126·0	76·6	95·7	80·4
25	hy-cu, cu-st, ci-hz, nim	5	ovt, nim ...	8	ovt	8	ovt	8	ovt	8	fl-cu, ci-hz ...	8	119·0	76·6	92·0	77·1
26	cu, oi-st, ci-hz..	4	cu, ci-cu, ci-st...	4	ci,cu-st,ci-cu,ci-hz	6	cu, cu-st,ci-cu,ci-hz	5	cu, dense hz ..	6	fl-cu, nim, lt-R ...	7	127·7	76·7	94·6	79·2
27	cu, cu-st, ci-hz.,	4	cu, ci-cu,ci-st,ci-hz	6	cu, ci-st, ci-hz ...	3	cu, ci-st, ci-hz ...	2	cu, ci-hz	2	cu, cu-st	3	129·5	76·8	98·6	81·2
28	cu,ci-st,ci-hz,fr-sh-	2	ci, cu, cr-st, hz..	2	ci, ci-hz	5	cu, ci, ci-hz ...	4	hy-cu, cu-st, nim..	5	hy-cu, cu-st, nim..	6	131·3	76·0	98·3	81·9
29	... ... [lg NW	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	131·0	77 8	97·2	82·2
30	ci, ci-hz, cu ...	6	ci, ci-hz, cu ...	3	ci,ci-cu,ci-st, ci-hz	3	ci, ci-cu,ci-st,ci-hz	3	cu, ci-cu, thi-hz ...	5	fl-cu, nim ...	6	133·0	75·3	95·7	78·4

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE

ard....around
cld....clouds or cloudy
cr or ci. cirri or cirro or cirrous
cu.....cumuli or cumulo
D.....dew
d.....dense
dis... distant
dt.....detached
E.....east
fg.....fog
fk.....forked
fl.....flying
fr.....frequent
g.....ground
hy....heavy
hl....halo
hor.. horizon
hz.... haze or hazy
ld....loud
lg.... lightning
lt....light
mt....meteor
N.....north
nim..nimbi
ny ... nearly
ov....overhead
ovt... overcast
ps... peals
pt.....part or partly or partial
R.....rain
r-b....rain-bow
S.....south
sc.....scattered
sh.... sheet
st,....stratus
th....thunder
thi...thick
v..... very
viv...vivid
W....west

REMARKS ON THE WEATHER FOR THE MONTH OF JULY 1856

Date	Göttingen Mean Time NOON	Cloudy sky in 8ths	2	Cloudy sky in 8ths	4	Cloudy sky in 8ths	6	Cloudy sky in 8ths	8	Cloudy sky in 8ths	10	Cloudy sky in 8ths
1	cu, ci-cu, hz, nim ...	6	ci-cu, cu-st, ci-hz ...	7	cu-st, ci-hz, lg SW...	4	cu-st,ci-hz,nim,lg SW	5	ovt, lg & th ...	8	ovt, lg S	8
2	ovt, lt-rain, dis-th...	8	ovt	8	cu-st, nim	7	ovt	8	ovt	8	ovt	8
3	ny-ovt	7	thi-ci-hz	7	ovt	8	ovt sh-lg S W ...	8	ovt, sh-lg S... ...	8	ovt, lg SW	8
4	ci, thi-ci-hz ...	6	ci,thi-ci-hz, ci-st, cu.	5	ci-st, dense hz ...	4	ci-st, dense hz ...	5	cu, cu-st,ci-hz,sh-lg N	6	cu,nim,lgS&SW,lt-R	7
5	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... .	...
6	cu, ci-cu	7	ci-hz,cu-st,hy-cu, lg NW	6	cu, ci-hz, sh-lg SW .	5	cu, hz, lg W ...	4	hy-cu, nim, sh-lg SW	7	cu, cu-st, ci-hz ...	4
7	cu,thi-ci-hz... ...	6	cu, ci-hz, sh-lg SW..	6	ci-cu,ci-hz,sh-lg SW.	3	fl-cu, ci-st, hz, lgSW	3	cu,cu-st,ci-hz,lg NW	3	cu,cu-st,hz,lgS&NW	4
8	cu, cu-st, hz ...	4	cu, cu-st, nim, hz, lt-R.	6	cu, ci-cu, ci-hz ...	4	cu-st, ci-cu, nim ...	7	cu,ci-hz, nim,sh-lg SW	5	cu, hz	3
9	fl-cu, ci, ci-st, nim...	7	cu, ci-cu,ci-hz,sh-lg SW	6	ovt, sh-lg W ...	8	cu,cu-st,ci-cu,ci-hz,sh-lg	7	ovt, sh-lg SW & N...	8	ovt, lg S	8
10	cu, ci, ci-hz, ci-st ...	4	cu, cu-st, hz, lg SW.	4	ny-ovt, th, lg SW ...	7	ny-ovt, nim, sh-lg	8	ovt, sh-lg W, SW ...	8	ovt, sh-lg WNW ..	8
11	fl-cu, ci, ci-hz ...	7	ovt	8	ovt, sh-lg S... ...	8	ovt ... ... [SSW	8	cu, ci-st, ci-hz ...	4	cu, ci-st,ci-hz ...	4
12	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...
13	fl-cu, nim, fr-th ...	7	ny-ovt	7	ovt	8	ovt	8	ovt, sh-lg N, lt-R ...	8	ovt,nim, sh-lg S, SW.	8
14	fl-cu, ci-hz	6	cu-st, ci-cu, ci-hz ...	6	cu-st, ci-cu	7	ovt	8	ovt	8	cu, ci-cu, hz ...	6
15	fl-cu, ci, ci-hz ...	7	cu, cu-st, ci-hz ...	7	cu, cu-st, thi-ci-hz...	7	ovt, nim	8	cu, cu-st, ci-hz, nim.	8	ci-cu, ci-hz	7
16	fl-cu, ci-st, nim ...	5	cu, ci-hz	6	cu, ci-hz	4	ny-ovt, lg SW .	6	ovt, nim	8	cu, cu-st, hz ...	7
17	fl-cu, nim	5	cu, cu-st, thi-hz ...	8	cu, cu-st, thi-hz ...	7	cu, cu-st, thi-hz ...	8	cu, ci-cu, d-hz ...	8	ci-cu, ci, d-hz ...	7
18	cu, cu-st, ci-hz ...	4	cu, cu-st, ci-hz ...	4	ci-cu, ci-hz	6	ci-cu, ci-hz... ...	7	cu, ci-cu, ci-hz ...	6	cu, ci-cu, ci-hz ...	4
19	... .	...	... ...	..	... ...	...	... ...	...	... ...	...	... .	...
20	cu, cu-st, ci-hz ...	4	cu, ci-hz, lg SW ...	3	cu, cu-st,nim,lg & th	5	cu,cu-st,hz,nim,sh-lgS	7	cu, ci-cu, ci-hz ...	7	ci-cu, ci-st,ci hz, (hl	6
21	ovt	8	ovt	8	ny-ovt	7	ci-cu, ci-st, ci-hz ...	6	ovt	8	ovt...	8
22	fl-cu, dense hz ...	8	fl-cu, dense hz ...	8	fl-cu, hz	7	cu, ci-st, ci-hz ...	6	cu, ci-cu, ci-st, ci-hz	6	cu,ci-st, d-ci-hz, (hl	6
23	ci, ci-hz, cu ...	7	ny-ovt	7	fl-cu, hz	7	fl-cu, ci-st, ci-hz ...	6	cu, cu-st, ci-st, ci-hz	7	cu, ci-cu, ci-hz ...	5
24	cu-st, ci-st, ci-hz ...	7	cu-st, ci-st, hz ...	7	cu, cu-st, ci-hz	6	cu, cu-st, ci-hz ...	7	cu, cu-st, ci-hz ..	5	ci-cu, ci-st, ci-hz ...	4
25	cu, thi-ci-hz ...	7	cu, ci-st, hz... ...	5	cu, ci-st, hz ...	4	cu, ci-st, thi-hz ...	4	cu, ci-cu, ci-hz ...	5	cu, cu-st, ci-hz, nim.	7
26	... ...	...	... ...	...	... ...	...	... ...	...	... .	...	... ...	...
27	cu, cu-st, thi-ci-hz...	6	ci-hz, ci-cu	5	cu, ci-cu, ci-hz ...	7	cu, ci-cu, ci-hz ...	7	ovt, nim, rain, lg ..	7	cu, ci-cu, ci-st, hz ...	4
28	cu, cu-st, ci-hz ...	7	cu, cu-st, nim ...	5	ovt, nim, lt-rain ...	8	ovt,nim, sh-lg SW,R	8	ovt, nim	8	ovt, lg SE	8
29	fl-cu, nim	6	cu, cu-st,nim, lg SW	6	cu,nim,lt-R,lg WNW&N	6	ovt, nim	8	ovt	8	ovt	8
30	ovt	8	ny-ovt	8	ny-ovt	7	ovt, rain, lg, th ...	8	ovt, nim	8	ovt	8
31	ci, ci-hz, ci-st, cu ...	7	ovt, lt-rain, th ...	8	ovt, lg E	8	ovt, lg NE	8	ovt	8	ovt	8

REMARKS ON THE WEATHER FOR THE MONTH OF AUGUST 1856

1	cu, ci-hz, nim ...	7	ovt lt, R	7	ovt, lt-R, lg ...	8	ovt	8	ovt	8	ovt	8
2	... ...	...	... ...	...	... ...	...	... ...	..	... ...	...	... .	...
3	cu-st, ci, ci-hz ...	5	cu, ci-hz	6	cu, ci-hz	4	cu, ci-st, dense hz...	5	cu, ci-st, hz ...	4	ci, ci-hz & cu ...	3
4	ci, d-ci-hz, cu ...	7	cu, cu-st, & thi-hz...	8	cu, ci, th, lg ...	8	ovt, nim	8	ovt	8	cu, ci, ci-hz ...	5
5	cu, cu-st, ci-hz ...	7	cu-st, ci-st, ci-cu & hz...	7	cu, ci-cu, ci-st, hz ...	4	cu,cu-st, ci-hz,lg W&S	6	cu, cu-st, ci-hz, nim sh-	5	ovt, fr-sh-lg E ...	8
6	ci-hz	1	ny-clear	0	cu-hor, sh-lg WSW ..	1	cu, hz, sh-lg WSW...	3	cu,cu-st,ci-hz,lgSW[lgE	5	cu, ci-st, ci-hz, lg SW	4
7	cu, ci, ci-st ...	3	ci, ci-st, hz	2	cu-hor & sh-lg-SW ..	1	ny-clear, lg SW ...	0	ci, cu, ci-st, hz,sh-lg SW	2	cu, ci-hz	1
8	cu, cu-st	2	cu, ci-hz	1	ny-clear	0	ou, hz, lg SW ...	3	cu, cu-st, ci-hz, nim.	5	cu, ci-st, ci-hz ...	2
9	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...
10	cu, ci-hz, nim ...	4	cu-st, sh-lg W & SW.	2	cu-st,ci-st,hz,lg W&SW	4	cu, ci-st, hz, (hl ...	5	cu, ci-st, ci-hz ...	4	clear	0
11	cu, ci, ci-hz, nim ...	3	cu, ci-hz, lg N ...	2	ci-hz, lg W ...	2	ci, cu, ci-hz, ci-st ...	3	fl-cu, hz	5	ny-clear	0
12	cu, ci, & ci-hz ...	6	cu, ci-hz, ci-st ...	4	ci-cu, ci-hz, ci-st ...	4	cu, ci-st, ci-hz ...	4	cu, ci-cu, ci-hz ...	3	cu, hz	2
13	cu, ci-cu, cu-st, hz...	6	thi-ci-hz,ci-cu, cu, sh-lg	7	cu, ci-cu, thi-ci-hz ...	8	cu, ci-cu, thi-ci-hz...	8	cu, cu-st,ci-cu, ci-hz.	6	cu, ci-cu, ci-hz, lg ..	5
14	cu, ou-st, ci-hz ...	5	cu-st, ci-st, hz... [NW	3	ci-cu, cu, hz, lg S ...	5	cu, ci-cu, thi-ci-hz ..	7	cu, ci-cu, ci-hz ...	6	cu, ci-cu, ci-hz ...	7
15	cu, ci-cu, ci, hz ...	6	cu-st, cu, ci-st,lg NW	3	cu, cu-st, ci-hz, lg W	3	cu, ci-st, ci-cu, lg N.	6	cu, cu-st, ci-cu, ci-hz	6	cu, ci-cu, ci-st, hz ...	2
16	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...
17	sc-cu, cu-st, nim ...	7	cu, ci-cu, ci-hz ...	7	cu, cu-st, ci-st, hz ...	6	cu, ci-cu, ci-hz ...	6	cu, ci-cu, ci-hz ...	5	ovt, lt-R, fr-sh-lg, th SW	8
18	ovt	8	ovt	8	ovt	8	ovt	8	ovt	8	ovt, hy-R	8
19	ovt	8	ovt, nim	8	ovt, lg SW	8	ovt, nim	8	ovt	8	ovt	8
20	ci, ci-cu, ci-hz ...	7	ovt, nim, th W ...	8	ovt, nim, lt-R ...	8	ovt	8	ovt	8	ovt	8
21	cu, cu-st, ci-hz, nim.	7	cu, hz	6	ovt, nim	7	ovt, lg SW	8	cu, ci-cu, ci-hz ...	7	cu, ci-st, ci-hz ...	6
22	cn, cu-st, ci, ci-hz ...	6	cu, cu-st, ci-hz, lg, S	5	ci-hz, lg SW ...	1	cu, lg WNW ...	1	cu, cu-st, ci-hz ...	4	ovt, hy-R	8
23	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...
24	cu, cu-st, hz ...	3	hy-cu, cu-st, nim ...	5	fl-cu,cu-st,ci-hz,lgSW	7	ovt, nim, lg SW ...	8	ovt, nim	8	ci, ci-st, cu	3
25	cu, thi-ci, hz, nim,th	7	cu, cl-hz, sh-lg SW, th W	7	cu, thi-ci-hz, th, lg NW	7	cu, cu-st, ci-hz, nim .	6	cu, cu-st,ci-hz,nim,lg W	5	ovt, R	8
26	cu, ci-hz, nim,th SW	7	cu-st, nim	7	ny-ovt	7	ovt, hy-R, th,sh-lg SSW	8	ovt	8	ny-ovt	7
27	ci, ci-st, ci-hz ...	5	cu, ci-hz, sh-lg NW..	3	cu, ci-hz,fr-th & lg NW.	2	cu-st,ci-st,hz, lg NW & S	4	ci-st, ci-hz, lg NW...	4	ci, cu, ci-st, hz, sh-lgNW	3
28	cu,ci-cu,ci-hz,nim, th W	6	cu, ci-cu, ci-st, hz ...	7	ovt, fr-lg W ...	8	ovt, sh-lg, ld-th, R ..	8	cu, cu-st, ci-cu, ci-hz, lg	6	ovt, sh-lg NW ...	8
29	ovt	8	ovt, sh-lg SW ...	8	ovt	8	ny-ovt, fr-sh-lg W...	7	ovt, nim ... [NW	8	ovt, nim	8
30	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...
31	ovt	8	ovt	8	ci, thi-ci-hz ...	8	ovt, lt-R	8	ovt	8	ovt	8

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE

ard....around
cld....clouds or cloudy
cr or ci.cirri or cirro or cirrous
cu ....cumuli or cumulo
D.....dew
d.....dense
dis...distant
dt.....detached
E.....east
fg.....fog
fk.....forked
fl.....flying
fr .....frequent
g .....ground
hy .....heavy
hl.....halo
hor...horizon
hz ....haze or hazy
ld.....lond
lg .....lightning
lt .....light
mt....meteor
N .....north
nim ..nimbi
ny.....nearly
ov.....overhead
ovt....overcast
ps.....peals
pt....part or partly or partial
R.....rain
r-b ....rain-bow
S.....south
sc .....scattered
sh.....sheet
st.....stratus
th.....thunder
thi ....thick
v .....very
viv ....vivid
W .....west

REMARKS ON THE WEATHER FOR THE MONTH OF JULY 1856

Date	12	Cloudy sky in 8ths	14	Cloudy sky in 8ths	16	Cloudy sky in 8ths	18	Cloudy sky in 8ths	20	Cloudy sky in 8ths	22	Cloudy sky in 8ths	Thermometers: Radiation Sol.	Radiation Ter.	Air Max.	Air Min.
1	ovt, fr-sh-lg NE	8	overcast ...	8	ny-overcast ...	7	ny-overcast ...	7	ci-cu, thi-ci-hz ...	6	ci-cu, thi-ci-hz ...	6	132·0	75·7	93·9	80·3
2	ny-overcast ...	7	ny-overcast ...	7	ny-overcast ...	7	cu, ci-cu, ci-hz ...	6	ny-overcast ...	7	ny-overcast ...	7	116·3	77·0	90·3	80·1
3	hy-cu,cu-st, ci-hz	6	ny-overcast ...	7	overcast	8	overcast	8	overcast	8	cu, ci, thi-ci-hz ...	6	114·5	75·3	92·2	78·1
4	overcast, nim...	8	overcast, lt-R...	8	overcast	8	cu, cu-st, ci-hz ...	6	cu, ci-cu, ci-hz ...	6	cu, cu-st, ci-hz ...	6	117·7	75·8	91·8	77·3
5	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	..	129·0	77·0	92·4	79·6
6	cu, cu-st, ci-hz..	5	cu,cu-st, ci-cu, ci-hz, nim	6	cu, ci-cu, ci-hz ...	3	cu, ci cu, ci-hz ...	4	fl-cu, cu-st, nim...	6	fl-cu, cu-st, nim ...	6	123·0	76·3	90·2	79·2
7	cu, cu-st, ci-hz, sh-lg NW	4	cu, cu-st, ci-cu, hz, nim...	5	cu, cu-st, hz, nim.	7	cu, cu-st, ci-hz ...	6	cu, ci-cu, hz ..	5	cu, cu-st, hz ...	4	134·0	74·9	95·3	78·3
8	cu, cu-st ci-hz,	4	cu,ci-cu,ci-st,hz	4	cu, ci-st, ci-hz ..	3	cu, ci-st, ci-hz ...	3	cu, cu-st, ci-hz ...	4	fl-cu, nim, lt-R ...	7	133·5	77·7	97·5	80·9
9	overcast lg [nim	8	overcast ...	8	ci, ci-st, ci-hz ...	6	ci-st, dense ci-hz.	6	ci, ci-hz	5	cu, ci, ci-hz ...	4	128·7	76·3	93·0	78·2
10	overcast ...	8	cu, oi-cu, ci-st...	6	ci-st, dense ci-hz ..	7	ci-st, dense ci-hz..	7	cu, ci, ci-hz ...	7	cu, ci, ci-hz ...	7	121·3	76·3	92·4	78·9
11	cu,cu-st, hz,nim	5	cu,ci-cu,ci-st,hz	7	cu, ci-cu, ci-st, hz.	4	ci-cu, ci-st, hz ...	4	ci-cu, ci-st, hz ...	6	cu, cu-st, nim ...	6	130·8	75·5	94·9	78·6
12	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	121·5	74·5	97·3	77·5
13	overcast, nim ...	8	cu,cu-st,ci-cu,ci-hz	5	ci-cu, ci-hz ...	4	ci-cu, ci-hz ...	3	ci-cu, ci-hz ...	4	fl-cu, ci-hz ...	5	119·0	76·5	96·9	79·4
14	cu, ci-cu, hz ...	6	cu,cu-st,ci-cu,ci-hz	7	cu,cu-st,ci-cu,ci-hz	7	cu, cu-st, ci-hz ...	6	cu, dense hz ...	6	cu, ci-hz	6	117·8	79·2	94·6	82·2
15	cu, ci-cu, ci-hz...	6	cu,cu-st,ci-cu,ci-hz	7	ci-cu, ci, ci-st ...	5	ci-cu, ci, ci-hz ...	4	cu, ci, ci-hz ...	3	fl-cu, hz	4	124·3	79·9	97·4	82·5
16	cu, ci-hz, nim...	7	cu, ci-cu, ci-hz..	7	ci-cu, ci, d-ci-hz...	5	ci-cu, ci, d-ci-hz...	6	cu, cu-st, dense hz	6	cu, ci-cu, dense hz	4	120·7	77·9	98·1	81·1
17	ci-cu, ci, d-hz...	6	cu, ci-cu, ci-hz.	5	ci-cu, ci-hz ...	4	cu, ci-cu, d-ci-hz...	7	ci, ci-hz, cu ...	4	cu, cu-st, ci-hz ...	4	122·0	78·1	98·4	82.1
18	cu, ci-cu, ci-hz..	4	ci-cu,ci-st,ci-hz.	4	ci, ci-st	2	ci, ci-st	2	cu, ci, ci-hz ..	3	fl-cu, cu-st ...	4	126·7	78·1	99·0	80·6
19	... ...	...	... ...	...	... ...	...	... ...	..	... ...	...	... ...	...	115·7	79·4	96·6	82·9
20	ci-cu, ci-st, ci-hz,	6	ci-cu,ci-st,thi-ci-hz	7	overcast	8	overcast	8	ny-overcast ...	7	ny-overcast ...	7	118·5	78·4	92·5	83·2
21	overcast [ )hl	8	overcast ...	8	overcast	8	overcast	8	cu, dense hz ...	7	cu, deuse hz ...	7	117·0	77·2	95·6	81·2
22	cu,ci-st,d-ci-hz,)hl	5	ci-cu,ci-st,ci-hz.	5	ci-st, ci-hz ...	5	ci, ci-st, ci-hz ...	5	fl-cu, dense hz ...	6	fl-cu, deuse hz ...	7	117·0	73·3	97·2	79·3
23	ci-cu,ci-st, ci-hz	4	ci, ci-hz	2	ci, ci-hz	3	ci, ci-st, thi-ci-hz...	5	cu, cu-st, thi-ci-hz.	6	cu, cu-st, thi-ci-hz.	6	118·3	77·4	97·0	81·4
24	ci-cu,ci-st, ci-hz	5	ci-cu,ci-st,thi-ci-hz	6	overcast	8	overcsst	8	uy-overcast ...	7	ny-overcast ...	7	111·0	76·2	94·7	82·1
25	cu, ci-cu, ci-hz..	6	ci-cu, ci-st, ci-hz	6	ci, ci-st, d-ci-hz ...	7	ci-cu, ci, d-ci-hz...	6	ci-cu, ci, d-ci-hz...	7	cu, cu-st, thi-ci-hz.	6	113·2	76·5	96·4	82·1
26	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	118·0	75·2	95·2	80·2
27	cu,ci-cu, ci-st,hz	3	cu, ci-in-hor ...	1	ci-cu, ci-st, hz ...	2	ci-cu, ci-st, hz ...	2	cu, ci-cu, hz ...	6	fl-cu, cu-st, hz ...	6	121·0	73·3	96.9	79·1
28	ovt, lg E & SE. .	8	overcast ...	8	cu, ci-cu, ci, ci-hz.	7	cu, ci-cu, ci, ci-hz.	7	ci, ci-hz, cu ...	6	ci, ci-hz, cu ...	6	120·0	73·9	92·5	77·3
29	overcast ...	8	overcast, lt-R...	8	overcast	8	overcast	8	overcast	8	overcast... ...	8	104·0	74·3	87·0	77·4
30	overcast ...	8	overcast ...	8	overcast	8	cu, ci-cu, ci, ci-hz..	7	cu, ci-cu, ci, ci-hz.	7	fl-cu, cu-st, ci-hz...	7	118·0	72·3	90·3	75·5
31	overcast ...	8	overcast ...	8	cu, thi-ci-hz ...	7	cu, ci-cu, ci-hz ...	7	cu, ci-cu, ci-hz ...	7	cu, cu-st, ci-hz ...	7	111·4	71·2	90·2	76·9

REMARKS ON THE WEATHER FOR THE MONTH OF AUGUST 1856

Date	12	Cloudy sky in 8ths	14	Cloudy sky in 8ths	16	Cloudy sky in 8ths	18	Cloudy sky in 8ths	20	Cloudy sky in 8ths	22	Cloudy sky in 8ths	Thermometers: Radiation Sol.	Radiation Ter.	Air Max.	Air Min.
1	ny-ovt	7	ci-cu, ci-st,ci-hz	6	cu, thi-ci-hz ...	5	ci-cu, ci, ci-st ...	6	cu, ci, d-ci-hz ...	6	cu, ci, d-ci-hz ...	6	119·7	72·9	92·9	77·6
2	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	115·4	73·0	92·6	77·8
3	ci, ci-hz ...	2	ci-cu, thi-ci-hz..	6	ci, thi-ci-hz ...	5	ci, thi-ci-hz ...	7	ci, d-ci-hz ...	7	ci, d-ci-hz, cu ...	6	111·4	73·6	91·9	78·1
4	cu, ci, ci-hz ...	5	cu,ci-cu,ci-st, ci-hz	7	cu, thi-ci-hz ..	6	ci, ci-hz	6	ci, ci-hz, ci-st ...	6	cu, ci, d-ci-hz ...	7	121·0	73·9	93·5	79·0
5	ovt, sh-lg E ...	5	ovt, nim ...	8	ovt	8	ovt	8	ci-cu, ci, ci-hz ...	5	ci-cu, ci, ci-hz ...	4	125·5	77·4	91·0	79·5
6	ci,ci-hz,cu,lg SW	7	ovt, nim, lt-R...	8	fl-cu, cu-st, ci-hz, nim	7	ci, ci-hz, cu ...	5	cu, ci-cu, ci-st ...	4	cu, ci-hz	4	138·5	75·7	91·6	77·8
7	cu, ci-hz, lg W & S	2	cu, ci-cu ...	2	cu, cu-st, ci-cu, ci-hz	4	cu, cu-st, ci-hz ...	2	fl-cu	2	fl-cu	3	144·5	75·7	94·3	79·1
8	uy-ovt ...	7	cu, cu-st, ci-cu, ci- [hz	5	ci, ci-hz	2	fl-cu	6	cu, cu-st ...	6	cu, ci, ci-hz, dis-th	4	137·5	75·3	93·4	80·4
9	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	135·0	75·1	92·6	79·2
10	clear	0	ci, ci-hz, cu ...	2	ci, ci-hz, cu ...	3	cu, cu-st, ci-hz ...	3	sc-cu, ci, ci-hz ...	5	cu, ci, ci-hz, nim...	5	135·7	79·4	94·1	80·3
11	ci-cu, ci-hz ...	2	ci-cu,ci-st, ci-hz	3	ci-cu, ci-st, ci-hz .	3	ci-cu, ci-hz ...	3	ny-ovt, R ...	7	cu, cu-st, ci, ci-hz.	5	134·1	74·3	94·9	77·9
12	ny-ovt ...	7	cu,ci-cu,ci-st, hz	5	cu, ci-cu, ci-st, hz.	4	cu, ci-cu, ci, ci-hz.	5	cu, ci-hz	7	cu, ci, oi-hz ...	5	131.6	75·3	93·9	79·7
13	cu-ci, thi-ci-hz .	6	cu,ci-cu, ci-hz, nim	6	ci, thi-ci-hz ...	6	ci, thi-ci-hz ...	5	cu, ci-hz, nim ...	7	cu, ci-hz, nim ...	7	144·5	75·5	92·0	79·8
14	cu, ci-cu, ci-hz .	5	ci-cu, thi-ci-hz .	7	ovt	8	ovt	8	ci, d-ci-hz ...	7	cu, d-ci-hz ...	7	114·5	73·6	90·4	76·9
15	clear	0	cu, ci-st, hz ...	2	ci, ci-hz	1	fl-cu, cu-st ...	6	sc-cu, cu-st ...	7	sc-cu, cu-st ...	6	129·0	73·6	93·8	78·2
16	. ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	109·7	74·5	91·0	80·1
17	ovt, R	8	ovt, R	8	ovt, R	8	ovt	8	ovt	8	ovt	8	...	75·1	88·5	77·3
18	ovt	8	ovt, lt-R ...	8	ovt	8	ovt	8	ovt	8	ovt	8	110·3	74·0	85·1	74·6
19	ovt	8	ovt	8	ovt	8	ovt	8	cu, thi-ci-hz ...	7	cu, thi-ci-hz ...	7	113·5	74·3	86·9	75·9
20	ovt	8	ovt	8	cu, thi-ci-hz ...	6	cu, ci-cu, ci-hz ...	6	cu, cu-st, ci-hz ...	7	cu, cu-st, ci-hz ...	7	116·4	73·9	88·9	75·8
21	cu,cu-st,ci-cu,ci-hz	6	cu, ci-cu, ci-hz .	6	cu, thi-ci-hz ...	6	ci-cu, ci-hz ...	5	fl-cu, cu-st, ci-hz.	5	fl-cu, cu-st, ci-hz...	6	129·1	77·6	90·9	78·4
22	ovt	8	ci-cu, thi-ci-hz..	5	ci, ci-st	1	fl-cu, cu-st ...	1	fl-cu, cu-st ...	4	sc-cu, cu-st, dis-th	3	136·2	70·0	88·5	76·5
23	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	139·2	76·2	89·4	76·8
24	ci, ci-hz ...	4	cu, ci, ci-hz ...	6	ny-ovt	7	ci-cu, ci-cu, cu-st ...	5	cu, ci-cu, cu-st ..	6	hy-cu, cu-st, ci-cu.	5	140·0	75·0	90·8	77·8
25	ovt	8	uy-ovt	7	ovt	8	cu, ci, ci-st, th, lg.	8	cu, ci-cu, ci, ci-st.	6	cu, ci-cu, ci-hz ...	5	140·5	71·1	90·0	75·6
26	ny-ovt ...	7	ovt, nim, lt-R .	8	fl-cu, nim ...	7	ovt, lt-R	8	ovt	8	oi-cu, ci, ci-hz ...	6	...	75·0	86·2	76·6
27	ci, ci-hz ...	3	cu, ci-cu, thi-hz	6	ovt	8	ovt	8	cu, thi-ci-hz ...	7	cu, thi-ci-hz ...	7	128·5	75·0	88·9	77·3
28	ny-ovt, nim ...	7	ovt	8	ovt	8	ovt	8	ovt	8	ovt	8	128·5	75·8	85·8	76·7
29	ovt, nim ...	8	ny-ovt	8	ny-ovt	8	ny-ovt	8	ovt	8	ovt	8	128·5	75·8	84·8	76·8
30	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	104·2	74·8	86·1	76·5
31	ovt	8	ovt	8	ovt	8	ovt	8	ovt	8	ci, ci-st, d-ci-hz ...	7	98·5	75·6	85·3	78·1

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE

ard...around
cld....clouds or cloudy
cr or ci. cirri or cirro or cirrous
cu.....cumuli or cumulo
D .....dew
d .....deuse
dis....distant
dt.....detached
E .....east
fg.....fog
fk.....forked
fl.....flying
fr .....frequent
g.....ground
hy .....heavy
hl.....halo
hor ....horizon
hz .....haze or hazy
ld.....loud
lg .....lightning
lt.....light
mt.....meteor
N .....north
nim....nimbi
ny .....nearly
ov.....overhead
ovt ....overcast
ps.....peals
pt.....part or partly or partial
R .....rain
r-b.....rain-bow
S .....south
sc.....scattered
sh.....sheet
st .....stratus
th.....thunder
thi....thick
v.....very
viv....vivid
W .....west

REMARKS ON THE WEATHER FOR THE MONTH OF SEPTEMBER 1856

Date	Göttingen Mean Time NOON	Cloudy sky in 8ths	2	Cloudy sky in 8ths	4	Cloudy sky in 8ths	6	Cloudy sky in 8ths	8	Cloudy sky in 8ths	10	Cloudy sky in 8ths
1	ci, ci-st, dense ci-hz.	7	overcast	8	ci, ci-hz, lg S W ...	5	cu, ci-hz	6	ovt	8	ovt, nim	8
2	fi-cu, cu-st	6	cu, ci, ci-hz, ci-st ...	4	ci-st, ci-hz	4	ci-st, dense hz ...	4	cu, ci-hz	3	ny-clear	0
3	cu, ci, ci-hz ...	5	cu, ci, ci-hz... ...	3	cu, cu-st, ci-st, hz ...	4	ci, ci-hz	5	cu, ci, ci-hz ...	4	cu, ci, ci-hz... ...	5
4	cu, ci-cu	4	cu, cu-st, ci-st ...	3	cu, cu-st	5	cu, hz	4	cu, cu-st, ci-hz ...	6	cu, ci-cu, hz ...	4
5	cu, ci-hz	3	cu, ci-cu, ci-st, hz...	3	hy-cu, nim	6	cu, cu-st, hz, nim ...	7	cu, ci, ci-hz ...	5	cu, cu-st, ci-hz ...	4
6	fi-cu, nim	7	cu,cu-st,ci-st,hz,lg SW	5	cu, ci-cu, ci-hz, lg S..	7	cu, ci-cu, nim,sh-lg S	7	cu, ci-hz	7	cu, cu-st, ci, ci-hz ...	3
7	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...
8	fi-cu, thi-ci-hz ...	6	ny-ovt, nim ...	8	cu, ci-st, thi-hz ...	5	ci-st, ci-hz	3	ci, ci-hz	2	ny-clear	0
9	ci, thi-ci-hz ...	6	ci-st, dense hz ...	5	ny-ovt	6	ny-ovt	7	ci, ci-st, ci-hz ...	6	ci-cu, ci-st, ci-hz ...	3
10	fi-cu, cu-st... ...	6	cu, cu-st, ci-hz ...	7	cu,cu-st,nim, thi-ci-hz	7	cu & haze	4	ci, ci-st, hz	4	ci-cu, ci-st, cu, lg S..	4
11	ci, ci-st, thi-ci-hz ...	7	cu, ci-st, d-hz, ☾hl...	7	cu, ci-st, d-hz, ☾hl...	7	cu, ci-cu, ci-st, hz...	7	ny-ovt	7	cu, ci-cu, ci-st, ci-hz	7
12	cu, ci-cu, ci-hz, ci-st.	8	cu, ci-cu, ci-st, hz ...	6	ny-ovt	7	cu, ci-cu, ci-hz ...	8	ovt	8	cu, ci-cu, ci-hz ..	8
13	ovt	8	ovt	8	ovt	8	ovt, lt-R	8	ovt	8	ny-ovt	7
14	... ...	...	... ...	...	... ...	...	... ...	...	... ...	..	.. ..	...
15	fi-cu, ci, ci-hz, nim...	6	cu, cu-st, nim ...	5	ovt, lg W	8	cu, ci-hz, nim ...	7	ovt, sh-lg S ...	8	ovt, nim, sh-lg S ...	8
16	cu, ci-cu, ci-hz ...	5	cu, ci-st, hz... ..	3	cu, hz	5	cu, ci-cu, ci-st, hz ...	6	cu, ci, ci-st, hz ...	6	cu, ci-cu, ci-hz ...	6
17	ci-thi-ci-hz ...	6	ci, thi-ci-hz ...	6	ci, thi-ci-hz... ...	6	ci, thi-ci-hz... ...	7	ci, ci-st, ci-hz ..	7	cu, ci cu, ci-hz ...	5
18	cu, cu-st, ci, ci-hz ...	6	cu, cu-st, ci-st, hz...	4	cu-hz	4	ovt	8	cu, ci-cu, ci-hz ...	8	eu, ci-cu, ci-hz ...	4
19	cu, ci-hz	3	cu, ci-hz, lg S ...	2	cu, lg S & SW ...	1	cu-st, ci-st, thi-hz...	5	cu,ci-hz,sh-lg NE & S	5	cu, ci-st, hz, sh-lg S..	5
20	cu, ci, ci-hz ...	3	ny-clear	0	clear	0	cu, cu-st, hz ...	4	cu, ci, ci-st	5	cu, ci-cu, ci-hz ...	3
21	... .	...	... ...	...	... ...	...	... ...	...	... .	...	... ...	...
22	cu	2	cu	2	cu, lt-hz, lg W ...	1	cu, ci-hz	2	ny-clear	1	cu, ci-cu, ci-hz ...	4
23	cu, ci, ci-hz ...	6	cu,cu-st,ci-hz,lgN&W	4	cu-st, ci-hz	4	cu, hz	6	ci, hz, lg SW & NW.	4	cu, ci-cu, nim, fr-lg S	6
24	ci, thi-ci-hz... ...	8	hy-cu-st,nim,lgN&W	4	ci,d-ci-hz, fr-sh-lg SW	7	ny-ovt,sh-lg S & NW	8	ny-ovt, lg S ...	7	ovt, fr-sh-lg SE, th..	8
25	cu, cu-st, niu, hz ...	7	cu, ci-cu, ci-st, hz ...	6	cu, ci-st, ci-hz ...	3	cu, ci-st, ci-hz ...	4	ny-ovt, sh-lg S ...	6	ny-ovt, sh-lg S & W.	7
26	ci, ci-hz, cu... ...	4	cu-hor, nim, lg ...	2	cu-hor, nim, lg ...	1	ny-ovt, sh-lg S & SW,	7	cu,ci-hz,nim,lgW&SE	6	cu, cu-st, ci-hz, nim, sh-lg SE ...	4
27	cu,cu-st,ci-hz, nim,th	4	ovt,nim, lg & th, lt-R	8	ovt, lt-R	8	ovt, sh-lg N [th, lt-R	8	ovt	8	fi-cu, cu-st,ci-hz, nim	6
28	... ...	...	... ...	...	... ...	...	... ...	...	... .	...	... [fr-sh-lg, th	..
29	cu, ci, ci-hz ...	4	cu, ci-hz, sh-lg W ...	3	ny-clear, lg SW ...	0	ny-clear, lg SW ...	0	ny-clear	0	ci-st, ci-hz	2
30	cu-hor	2	cu, sh-lg-hor W ...	2	clear, sh-lg W ...	0	cu, hz, sh-lg W ...	1	cu, ci-cu, ci-hz,fr-sh-lg [E	4	cu, cu-st, ci-hz, nim.	5

REMARKS ON THE WEATHER FOR THE MONTH OF OCTOBER 1856

1	ci, ci-hz	4	cu-hor	2	cu, ci-hz,fr-sh-lgW&NW	2	cu,cu-st,fr-sh-lgW&NW	4	cu, cu-st, ci-hz, nim, fr-sh-lg S...	6	cu, ci, ci-hz, sh-lg S..	4
2	cu, ci-hz	3	cu-hor, sh-lg W ...	1	fi-cu, cu-st, hz ...	4	cu, ci-st, ci-hz ...	4	cu, cu-st, ci-hz, nim.	4	ny-ovt, fr-sh-lg, th S W, lt-R ...	7
3	fi-cu, nim, dis-th ...	5	cu, ci-hz, sh-lg SW...	4	cu,ci-hz,sh-lg N&SW	3	cu, thi-ci-hz ...	5	ci, cu, ci-st, hz ..	3	cu, ci-st, ci-hz ...	3
4	cu, hz	3	cu-st, ci-st, hz, lg W	5	fi-cu, cu-st, hz, lg S.	4	cu, hz, lg N & W ...	2	ny-clear	1	ci, ci-st, ci-hz ...	4
5	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...
6	cu, cu-st, ci-hz ...	3	ny-clear, lg NW ...	1	ny-clear, lg NW ...	1	cu-hor, lg NW ...	1	ci, ci-hz, lg SW ...	2	cu, hz, lg S... ...	2
7	cu, ci-cu, ci-hz ...	6	cu,ci-st, thi-ci-hz, lg SW	7	ny-ovt, lg W ...	7	ny-ovt, lg W ...	7	ci, thi-ci-hz	5	ci, dense ci-hz, nim.	6
8	ovt	8	ovt	8	ny-ovt, ☽hl,sh-lg SW	7	ovt, sh-lg S ...	8	fi-cu, nim	7	ovt	8
9	ovt	8	ovt, viv-lg, R ...	8	ovt, viv-lg, R ...	8	ovt	8	ovt	8	ovt	8
10	ovt	8	ovt	8	ovt	8	ovt, ☽hl	8	ovt	8	ovt	8
11	ci-cu, ci-st, ci-hz ...	6	ci-st, hz	3	ci-cu, hz	5	cu, ci-hz, ci-cu ...	7	cu, ci-cu	7	cu, ci-st, hz ...	2
12	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...
13	ci-hz, cu	2	ny-clear	1	ny-clear, D... ...	0	ny-clear, D... ...	0	clear	0	cu-hor	1
14	cu, hz	2	clear	0	clear	0	clear, D	0	clear, D	0	cu, ci-hz	2
15	ci, ci-st	2	clear	0	clear	0	clear, D	0	clear, D	0	clear, D	0
16	cu, ci-st, ci-hz ...	3	ci-st, hz	2	ci-st, hz	2	cu, ci-cu, hz ...	4	cu, ci-cu, hz ..	4	cu, ci-hz	2
17	cu, ci-st, ci-hz ...	3	cu, ci-st, hz ...	3	cu, cu-st, hz ...	3	cu, cu-st, hz ..	5	cu, ci-hz	4	cu, ci, ci-st, ci-hz ...	6
18	ovt, hy-R, dis-th ...	8	ovt	8	ny-ovt	7	ny-ovt	7	ovt	8	cu, ci-cu, ci-hz ...	6
19	... ...	...	... ...	...	... ...	...	... ...	...	... .	...	... ...	...
20	fi-cu, cu-st, nim ...	6	cu, hz, lg SE ...	4	cu, hz	2	cu,cu-st,thi-hz, lg SW	4	cu, ci-cu, dense hz...	6	ci-cu, hz	2
21	cu, ci-cu, oi-hz ...	3	cu, hz	2	cu, hz	6	fi-cu,ci-st, hz,lg SW.	5	cu, ci-hz	2	ci-cu, ci-st, D ...	3
22	ny-clear	1	cu-hor	1	cu, ci-hz	5	cu, cu-st, ci-hz ...	5	ci-cu, ci-st	4	ci, ci-st	2
23	cu, cu-st, ci-st, hz ...	6	cu, ci-st, hz ...	5	cu, ci-st, hz ...	3	cu, ci-st, hz	4	ci-st, ci-hz	6	cu, nim, sh-lg N ...	7
24	cu, ci-cu	5	cu-hor	5	cu, nim	6	cu, ci-cu, ci-hz ...	5	cu, ci-st, ci-hz ...	3	fi-cu	5
25	cu, cu-st-hor ...	2	ci-hz	2	ny-clear	0	ny-clear	0	clear, D	0	clear, D	0
26	... ...	...	... ...	...	... ...	...	... .	...	... ...	...	... .	...
27	fi-cu, nim	6	cu, hz	4	ny-clear	0	ny-clear	0	clear	0	clear	0
28	ci, ci-st	2	ny-clear	1	ny-clear, lg E ...	0	cu, ci-hz, lg E ...	2	ny-clear	0	ny-clear	0
29	cu, cu-st, ci-hz ...	3	ny-clear	1	ny-clear	0	fi-cu, hz	3	cu, ci, ci-hz... ...	5	ci, ci-hz, D... ...	2
30	cu, cu-st, ci-st, hz ...	3	cu-st, lt-hz	2	cu, cu-st, hz ...	1	ny-clear	0	clear	0	clear	0
31	cu, cu-st, ci-st, hz...	3	clear	0	clear	0	ny-clear	0	clear	0	clear	0

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE

ard....around
cld....clouds or cloudy
cr or ci. cirri or cirro or cirrous
cu.....cumuli or cumulo
D.....dew
d.....dense
dis....distant
dt.....detached
E.....east
fg.....fog
fk.....forked
fl.....flying
fr.....frequent
g.....ground
hy....heavy
hl....halo
hor...horizon
hz....haze or hazy
ld....loud
lg....lightning
lt....light
mt...meteor
N ....north
nim..nimbi
ny....nearly
ov....overhead
ovt...overcast
ps....peals
pt.....part or partly or partial
R.....rain
r-b....rain-bow
S.....south
sc.....scattered
sh....sheet
st.....stratus
th....thunder
thi...thick
v.....very
viv...vivid
W....west

REMARKS ON THE WEATHER FOR THE MONTH OF SEPTEMBER 1856

Date	12	Cloudy sky in 8ths	14	Cloudy sky in 8ths	16	Cloudy sky in 8ths	18	Cloudy sky in 8ths	20	Cloudy sky in 8ths	22	Cloudy sky in 8ths	Thermometers: Radiation Sol.	Radiation Ter.	Air Max.	Air Min.
1	ovt	8	cu, ci-cu, ci-hz..	7	cu, ci-cu, ci-hz ...	5	cu,cu-st,ci-cu,ci-hz.	6	fl-cu, ci-hz ...	5	fl-cu, ci-hz ...	4	121·7	73·6	92·2	77·3
2	ci-st, ci-hz ...	2	ci, ci-st, ci-hz...	3	ci, ci-st, ci-hz ...	5	ci-cu, ci-st, ci-hz ..	5	fl-cu, cu-st ...	6	fl-cu, cu-st, nim...	6	121·0	75·4	92·5	77·8
3	cu, cu-st, ci-hz..	3	ci, ci-st ...	4	ci-cu, ci-st, ci-hz .	3	sc-cu	3	fl-cu, cu-st, nim ...	5	fl-cu, ci-cu, hz ...	6	126·7	76·5	93·0	79·2
4	cu, ci-cu, ci-hz..	3	sc-ci-cu, ...	5	ci-cu, ci-st, hz ...	3	cu, ci-st, ci-hz ...	3	fl-cu, ...	4	fl-cu	4	134·7	73·8	92·2	80·3
5	ci-cu, ci-st, hz, lg S	3	ci-cu, ci-hz ...	3	cu,ci-cu, ci-st,ci-hz.	4	cu,ci-cu,ci-st, ci-hz.	4	fl-cu, nim ...	5	fl-cu, nim ...	7	136·7	76·1	92·6	80·8
6	ci-st, ci-hz ...	2	ci-cu, ci-st, ci-hz	4	ci-cu, ci, d-ci-hz...	4	sc-cu, ci-st, ci-hz...	4	cu, cu-st, ci-hz ...	5	fl-cu, cu-st, ci-hz..	6	114·6	74·0	92·4	79·3
7	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	137·0	73·8	93·2	78·5
8	ny-clear ...	0	ci-cu, ci, ci-st...	3	ci, ci-st, ci-hz ...	5	ci-cu,ci-st, thi-ci-hz	7	ci, thi-ci-hz ...	8	ci, thi-ci-hz ...	7	130·5	74·4	92·4	78·4
9	ci-cu, ci-st,ci-hz	2	ci-cu, ci-st ...	2	ci-cu, ci-hz ...	2	ci-cu, ci-hz ..	3	cu, ci, ci-hz ...	4	fl-cu, ci-hz ...	5	126·3	73·9	94·4	78·6
10	ny-ovt,nim,lg E&S	7	ovt	8	ci-cu,ci-st,thi-ci-hz.	7	ci-cu,ci-st,thi-ci-hz	4	fl-cu, thi-ci-hz ...	6	fl-cu, thi-ci-hz ...	6	120·0	74·3	93·6	79·9
11	cu, ci-cu, ci-hz..	3	cu, ci-cu, ci-hz..	7	cu, ci-cu, ci-hz ...	7	cu, ci-cu, ci-hz ..	6	ovt	8	ovt	8	119·5	77·3	92·2	80·8
12	ny-ovt	7	ci-cu, ci-st ...	6	cu, ci-cu, ci-st ...	5	cu, ci-cu, ci-st ...	6	fl-cu, cu-st, ci-hz..	8	ovt	8	133·7	74·6	92·2	80·9
13	ovt, nim ...	8	fl-cu, cu-st, ci-hz, nim ...	8	fl-cu, cu-st, ci-hz, nim	7	ovt	8	fl-cu, cu-st, ci, ci-hz	8	fl-cu, cu-st,ci, ci-hz	7	125·0	72·2	90·1	75·2
14	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	. ...	...	137·0	75·5	90·7	78·0
15	ovt,nim,sh-lg,th	8	cu, ci-hz, nim...	7	cu, cu-st, ci-hz,nim	6	cu, cu-st, ci-st,ci-hz	5	cu, thi-ci-hz ...	6	fl-cu, thi-ci-hz ...	6	134·5	74·6	90·8	77·1
16	cu, ci-cu, ci-hz...	5	ci, ci-hz ...	3	ci-cu, ci-st, ci-hz...	3	ci-cu, ci-st, ci-hz...	3	ci, thi-ci-hz ...	4	ci, thi-ci-hz ...	3	138·0	73·6	92·7	78·9
17	cu, ci-cu, ci-hz..	3	ci, ci-hz ...	2	ci-st, ci-hz ...	2	ci-st, ci-hz ...	2	sc-cu, ci-hz ...	3	sc-cu, ci-hz ...	3	131·5	75·4	93·9	79·0
18	cu, ci-cu, ci-hz..	4	ci-cu, ci-hz ...	4	cu,ci-cu,ci-st,ci-hz.	4	ci-cu, ci-st,ci-hz...	5	cu, ci, ci-hz ...	4	fl-cu, ci-hz ..	3	140·0	74·3	93·3	79·2
19	cu, ci-cu, ci-hz, sh-lg S..	5	cu,ci-cu,ci-st, ci-hz	7	cu,ci-cu,ci-st, ci-hz.	6	ci, ci-hz, cu ...	5	fl-cu, ci, ci-hz ...	5	ou, ci, ci-hz ...	4	140·7	74·3	93·3	79·8
20	cu, cu-st, ci-hz, sh-lg SW	4	cu, cu-st, ci-hz..	3	cu, ci-st, ci-hz ...	3	sc-cu	3	fl-cu	4	cu...	3	145·0	74·5	91·8	78·9
21	... ...	...	.. ..	...	... ...	...	... ...	...	... ...	...	... ...	...	141·5	73·3	91·7	78·9
22	cu, ci-cu, ci-hz...	3	ci-cu, ci-st ...	4	cu, ci-cu, ci-st ...	3	cu, ci-cu, ci-st ...	3	fl-cu, cu-st, nim...	6	fl-cu, nim, lt-R, th	6	138·8	73·9	94·1	79·3
23	cu, cu-st, ci-hz,nim,sh-lg [SW	6	cu, ci-cu, ci-hz,nim	4	cu,cu-st,ci-hz, nim	7	cu, ci-st, ci-hz ...	6	ovt	8	ovt	8	134·0	74·1	89·7	78·7
24	cu, cu-st, hz, lg SE & W, [lt-R	7	ovt, lt-R	8	ovt, lt-R	8	ny-ovt	8	ci, ci-st, thi-ci-hz..	6	ci, thi-ci-hz ...	8	122·8	74·9	89·7	77·2
25	cu, cu-st, ci-hz, nim,sh-lg [E & W	4	cu,cu-st, ci-hz, nim	6	cu, cu-st,ci-hz,nim	6	cu,cu-st,ci-st,hz,nim.	5	fl-cu, cu-st,ci-hz...	6	cu, ci-cu, ci-hz ...	6	140·5	73·8	89·9	77·1
26	cu, ci-st, ci-hz..	3	cu, cu-st, ci ...	4	cu, cu-st, ci-hor...	2	cu, ci-hz	2	sc-cu	3	fl-cu, nim, dis-th..	4	142·0	73·1	92·9	77·0
27	ny-ovt, nim, fr-sh-	7	ny-ovt, nim,lt-R	7	ny-ovt, nim ...	7	ny-ovt	7	cu, cu-st, ci-hz ...	6	cu, ci, ci-hz ...	4	132·5	77·9	89·4	79·4
28	... ... []g	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	4	132·0	74·1	89·1	75·7
29	ci-st, ci-hz ...	1	cu, ci, ci-hz ...	2	fl-cu, ci, nim ...	3	fl-cu, ci, nim ...	4	fl-cu, nim ...	6	cu, ci-hz	4	122·1	73·5	88·3	77·3
30	hy-cu, nim, lg [SE, lt-R	6	cu, cu-st, ci ...	6	ci, ci-st, ci-hz ...	5	ci, ci-st, ci-hz ...	5	cu, ci, ci-hz, ci-st..	3	cu, ci, ci-hz, ci-st..	4	142·0	74·8	90·9	77·0

REMARKS ON THE WEATHER FOR THE MONTH OF OCTOBER 1856

1	cu, cu-st, ci-hz, sh-lg ...	4	cu,ci-cu,ci-hz, nim	6	ci, ci-st, ci-hz ...	5	fl-cu, cu-st ...	4	fl-cu, cu-st ...	5	cu, cu-st, ci, ci-hz.	5	142·0	74·6	89·7	75·5
2	fl-cu, cu-st, hz,nim	6	ci-cu, ci, ci-hz...	4	cu, cu-st, nim ...	6	ovt, hy-R ...	8	cu, ci, ci-hz ...	7	cu, ci, thi-ci-hz ...	6	124·5	76·0	87·5	78·1
3	ci-st, ci-hz ...	2	ci-cu, ci-st ...	2	ci, ci-st	4	fl-cu	3	fl-cu, cu-st, nim...	6	cu, ci, ci-hz, th S..	5	141·0	74·0	89·7	76·5
4	ci-st, ci-hz ...	2	cu, ci-st ...	2	ci, ci-st	3	cu, ou-st, hz ...	4	cu, cu-st, hz ...	3	cu, cu-st, hz ...	3	141·2	74·5	88·2	77·4
5	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	141·7	74·4	89·7	78·1
6	cu, ci-hz ...	3	cu, ci, ci-st ...	3	fl-cu, cu-st ...	4	cu, nim	5	ou, cu-st, ci-hz ...	4	cu, cu-st, ci-hz ...	5	135·8	74·3	89·0	78·1
7	ovt, sh-lg NE ...	8	ovt, th ...	8	ovt	8	ovt, lt-R	8	ovt	8	ovt	8	114·5	77·0	86·8	79·1
8	ovt	8	ovt, lt-R, dis-th.	8	ovt, lt-R	8	ovt, lt-R	8	ovt, lt-R	8	ovt, v-lt-R ...	8	...	74·0	84·4	75·4
9	ovt, v-lt-R ...	8	ovt, lt-R ...	8	ovt, v-lt-R ...	8	ovt	8	ovt, v-lt-R ...	8	ovt, v-lt-R ...	8	...	75·2	82·5	76·2
10	cu, ci-hz, nim...	6	ci, ci-hz ...	6	cu, thi-ci-hz ...	6	ci, deuse ci-hz ..	7	ci-cu, ci-st, ci-hz...	6	ci-cu, ci-st, ci-hz...	6	125·3	71·0	89·7	74·2
11	ci, ci-hz ...	1	clear ...	0	clear	0	ny-clear, cu ...	0	clear	0	cu-hor	1	140·5	71·2	90·4	74·7
12	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	138·5	71·0	90·1	76·2
13	ny-clear ...	0	ny-clear ...	0	clear	0	sc-cu	1	sc-cu	1	fl-cu, hz	3	145·5	70·4	89·4	75·1
14	ny-clear ..	0	ci-cu, hz, D ...	2	clear	0	fl-cu	1	fl-cu, cu-st, hz ...	3	fl-cu, cu-st, hz ...	4	144·4	72·0	90·2	75·0
15	clear, D ..	0	clear ...	0	clear	0	sc-cu	1	sc-cu, cu-st ...	3	cu, cu-st, ci-hz ...	3	145·4	70·5	91·5	75·9
16	ci-cu, ci-st [dis-th	3	ny-clear ...	0	ci, ci-hz-hor ..	1	fl-cu, cu-st ..	2	fl-cu, cu-st, hz ...	4	cu, ci-st, ci-hz ...	4	145·1	70·3	89·2	75·1
17	cu, ci-cu, ci-hz, sh-lg NE	7	ny-ovt, R ...	7	ny-ovt	7	ovt	8	ovt	8	ovt, v-lt-R ...	8	...	73·2	86·2	77·4
18	cu, ci-cu, ci-hz..	7	cu,cu-st,ci-cu,ci-hz	8	cu,cu-st,ci-cu, ci-hz	8	cu,cu-st,ci-cu,ci-hz.	7	cu, ci-hz	6	cu, cu-st, ci-hz ...	4	137·7	71·6	88·9	73·4
19	... ...	...	... ...	...	... ...	...	.. ..	...	... ...	...	... ...	...	142·0	74·0	88·4	77·1
20	ny-clear, D ...	0	ny-clear ...	0	ci-cu, ci-hz ...	2	ci-cu, ci-hz ...	2	fl-cu, cu-st ...	3	fl-cu, nim ...	4	141·0	73·8	88·2	74·3
21	cu,ci-cu,ci-hz,D.	3	ci-cu, ci-st ...	3	ci-cu, ci-st ...	3	sc-cu, ci	2	fl-cu	3	cu, cu-st	5	142·5	75·0	90·0	75·1
22	ci, ci-hz ...	2	ci-hz	1	ci-st, ci-hz ...	2	cu, ci-hz, ci-st ...	3	fl-cu, nim ...	6	cu, ci, ci-hz ...	6	140·1	69·5	88·7	74·9
23	cu,cu-st,ci-cu,ci-hz	5	cu, ci-cu ...	3	ci, ci-hz	1	hy-cu, fl-cu ...	2	hy-cu, fl-cu ...	5	cu, ci-cu	7	142·5	72·2	89·1	75·8
24	ny-clear ...	0	clear	0	ny-clear	0	cu, cu-st, ci-hz ...	4	cu, cu-st, ci-hz ..	3	cu, cu-st, ci-hz ...	2	143·5	70·5	87·7	74·1
25	clear, D ...	0	cu-hor	1	cu-hor	1	fl-cu, cu-st ...	3	cu-hor	3	cu, ci-cu, hz ...	3	140·0	67·0	86·2	71·8
26	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	137·0	63·9	85·9	71·6
27	clear	0	ci, ci-hz ...	3	ci-st, cu-st ...	1	ci-st, fl-cu ...	3	cu-st, ci-st ...	3	cu-st, ci-st ...	2	137·7	66·8	86·9	72·0
28	clear, D ...	0	ci, ci-hz ...	2	ci, ci-hz	2	cu, ci	1	fl-cu, cu-st ...	3	fl-cu, cu-st, hz ...	3	145·3	67·6	88·2	73·1
29	ci-cu, ci-st, ci-hz,D	3	fl-cu, ci-hz ...	4	clear	0	fl-cu	1	fl-cu, cu-st, hz ...	3	fl-cu, cu-st, hz ...	4	145·4	69·8	89·2	74·9
30	clear, D ...	0	clear	0	clear	0	fl-cu, cu-st ...	2	fl-cu, cu-st, ci-hz..	3	fl-cu, cu-st, ci-hz...	3	134·7	67·0	88·3	72·8
31	cu, ci-hz ...	3	fl-cu, nim, v-lt-R..	6	cu-hor	4	fl-cu, cu-st ...	5	cu, cu-st, ci-cu ...	5	cu, ci-cu, hz, nim..	6	130·0	72·1	87·8	75·4

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE

ard....around
cld....clouds or cloudy
cr or ci. cirri or cirro or cirrous
cu....cumuli or cumulo
D....dew
d....dense
dis....distant
dt....detached
E....east
fg....fog
fk....forked
fl....flying
fr....frequent
g....ground
hy...heavy
hl ....halo
hor...horizon
hz....haze or hazy
ld....loud
lg....lightning
lt....light
mt....meteor
N....north
nim...nimbi
ny....nearly
ov....overhead
ovt. .overcast
ps...peals
pt....part or partly or partial
R....rain
r-b...rain-bow
S....south
sc....scattered
sh....sheet
st....stratus
th....thunder
thi...thick
v....very
viv...vivid
W....west

REMARKS ON THE WEATHER FOR THE MONTH OF NOVEMBER 1856

Date	Göttingen Mean Time NOON	Cloudy sky in 8ths	2	Cloudy sky in 8ths	4	Cloudy sky in 8ths	6	Cloudy sky in 8ths	8	Cloudy sky in 8ths	10	Cloudy sky in 8ths
1	ci-cu, ci, ci-st ...	4	cu, hz	2	cu, hz	2	cu, hz	3	cu, ci-hz, D... ...	2	ny-clear	0
2	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...
3	cu, cu-st	2	fl-cu...	1	fl-cu, ci-st	1	hy-cu, cu-st, nim ...	5	cu, ci-st, ci-hz ...	3	cu, cu-st, ci-hz ...	3
4	fl-cu, cu-st	3	fl-cu, cu-st	3	fl-cu, cu-st	4	cu, cu-st, hz ...	2	fl-cu, cu-st, ci-hz ...	2	fl-cu, cu-st, ci-hz ...	3
5	clear	0	ny-clear	0	clear	0	clear	0	ny-clear	0	clear, D	0
6	clear	0	clear	0	clear	0	clear	0	clear, D	0	clear, D	0
7	cu, ci-st	2	cu, ci-st, ☽ hl ...	3	cu, ci-st, hz ...	4	cu, ci-hz	6	cu, ci-st, ci-hz, D ...	4	cu, ci-hz, D ...	2
8	ci, thi-ci-hz... ...	4	cu, ci-st, ☽ hl ...	4	cu, ci-cu, ci-st, hz ...	6	cu, ci, ci-hz ...	7	cu, ci, thi-ci-hz ...	7	fl-cu	4
9	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...
10	sc-cu, cu-st... ...	3	fl-cu, ci-hz	3	fl-cu, ci-hz	3	fl-cu, cu-st, ci-st, hz, ☽ hl	5	cu, cu-st, ci-hz ...	4	cu, cu-st, ci-hz ...	4
11	cu, cu-st, ci-cu, ci ...	4	cu, hz	2	fl-cu...	4	fl-cu, hz	5	cu, cu-st, ci-hz ...	3	cu, cu-st, ci-hz ...	2
12	cu, cu-st, ci-cu, nim	7	cu, ci-cu, nim ...	6	hy-cu, nim	6	hy-cu, cu-st, ci-hz ...	5	fl-cu, cu-st, ci-hz ...	6	ovt	8
13	ny-ovt	8	cu, cu-st, hz ...	3	ovt, R	8	fl-cu, cu-st, ci-hz ...	7	cu, cu-st, ci-hz ...	5	ci, ci-hz, ci-st ...	3
14	cu, cu-st, ci-cu, nim	6	hy-cu, nim	7	cu, cu-st, hz ...	4	cu, cu-st ci-hz, nim...	7	fl-cu, nim	7	fl-cu, ci, ci-hz ...	8
15	fl-cu, nim	6	fl-cu, nim	4	fl-cu, nim	4	fl-cu, cu-st, ci-hz ...	6	fl-cu, cu-st, ci-hz ...	6	fl-cu, nim, lt-R ...	8
16	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...
17	ovt, hy-R	8	ny-ovt, nim, R ...	8	ovt, nim	8	ovt	8	ovt, nim	8	fl-cu, nim	8
18	ny-ovt	7	ny-ovt	7	ny-ovt	7	ny-ovt	7	fl-cu, cu-st, ci-hz ...	6	fl-cu, hz	8
19	ovt...	8	ovt, lt-R	8	ovt, lt-R	8	ovt, R	8	ovt, hy-R	8	ovt, R	8
20	ovt, hy-R	8	ovt, R, squall ...	8	ovt, R	8	ovt, R	8	ovt, R	8	ovt, R	8
21	ovt	8	ovt...	8	ovt...	8	cu, cu-st, ci-hz ...	4	fl-cu, cu-st, ci-hz ...	4	ny-ovt	7
22	ci, ci-hz	2	ci-cu, ci-st, dense hz	4	ny-ovt	7	ovt	8	ovt	8	ci, ci-hz, cu... ...	3
23	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...
24	cu, cu-st, hz ...	4	fl-cu	2	ny-clear	1	fl-cu, lt-hz	1	ci-cu, ci-st, hz ...	4	cu, ci-st, ci-hz ...	3
25	ci-st, ci, ci-hz ...	4	cu, ci-hz	3	cu, ci-hz	3	fl-cu, hz	4	cu, ci-hz	3	ny-clear	0
26	cu-W-hor	2	fl-cu	2	fl-cu	2	fl-cu, hz	3	ny-clear	1	ny-clear	0
27	cu, cu-st, ci-cu ...	5	fl-cu	2	ny-clear	0	cu, hz	1	ny-clear	0	ny-clear, D... ...	0
28	sc-cu	2	ny-clear	0	fl-cu	2	cu, hz	1	fl-cu, cu-st, ci-hz ...	3	clear	0
29	ny-ovt	7	ovt	8	cu, hz	5	ovt	8	cu, cu-st, hz ...	6	clear	0
30	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...

REMARKS ON THE WEATHER FOR THE MONTH OF DECEMBER 1856

1	fl-cu...	4	cu, cu-st	3	cu, cu-st, lt-hz ...	5	cu, cu-st	3	cu, ci-hz	4	cu, ci-hz	3
2	ci, thi-ci-hz, cu ...	5	cu, cu-st, hz ...	4	cu, cu-st, hz ...	3	cu, hz	4	cu, ci-st	2	hy-cu, nim	6
3	cu, ci, thi-ci-hz ...	6	cu, ci-st, thi-ci-hz ...	6	cu, ci-st, thi-ci-hz ...	6	cu, ci-hz	6	ci-st, ci-hz, cu ...	6	cu, ci-hz	5
4	cu, ci-hz, ci-st ...	3	cu, cu-st, hz ...	5	cu, cu-st, hz ...	6	cu, thi-ci-hz ...	7	cu, ci-hz, nim ...	7	ny-ovt	7
5	cu, ci, thi-ci-hz, nim.	6	ci-cu, cu-st, thi-hz...	7	cu, cu-st, thi-hz ...	8	cu, thi-ci-hz, ci-st ...	6	cu, ci, D	3	cu, ci-hz, D... ...	2
6	ny-ovt, v-lt-R ...	7	ovt	8	ny-ovt	8	ovt, lt-R	8	ovt	8	ovt, nim	8
7	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...
8	ovt, R	8	ovt, lt-R	8	ovt, lt-R	8	ovt, lt-R	8	ovt, R	8	ovt, lt-R	8
9	ovt, R	8	ovt, R	8	ovt, R	8	ovt, R	8	ovt	8	ovt, lt-R	8
10	ny-ovt	7	ovt, lt-drizzle ...	8	cu, ci-hz, ci-cu ...	7	ovt	8	ovt	8	ovt	8
11	cu, ci-hz	4	cu, ci-cu, hz ...	7	cu, ci-cu, ci-st, hz ...	5	ovt, lt-R	8	ovt, R	8	ny-ovt	8
12	cu, ci, ci-hz ...	6	cu, ci-hz, nim ...	5	ny-ovt	7	cu, cu-st, ci-hz ...	6	cu, ci-st, ci-hz ...	4	cu, cu-st, ci-hz ...	5
13	fl-cu, nim	5	cu,cu-st,ci-st, hz, lg S	5	hy-cu, nim, lg E ...	7	cu, ci-cu, d-ci-hz ...	7	cu, ci, nim, lg W ...	7	cu, cu-st, ci-hz, nim.	6
14	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...
15	ci, ci-hz	3	fl-cu	1	fl-cu	2	ci-cu, ci-st, ci-hz ...	3	cu, ci-st, ci-hz ...	5	cu, ci, ci-st... ...	4
16	fl-cu, cu-st	5	cu, ci-hz	4	cu, ci-st, hz ...	3	fl-cu, cu-st, hz ...	6	cu, ci, ci-st	4	cu, ci-cu, ci-st, D ...	3
17	cu, ci, ci-hz ...	3	cu, hz	2	cu, hz	3	cu, ci-hz	3	ci-st, ci-hz	5	cu, cu-st, ci-hz, D ...	5
18	sc-cu, hz	4	cu, hz	3	cu, hz	2	cu, ci-st, hz ...	3	cu, ci-hz, D ...	2	cu, ci-hz, D... ...	2
19	cu, ci-hz	4	hy-cu	3	fl-cu...	3	fl-cu, cu-st	4	ci, ci-hz, cu, D ...	5	ci, ci-hz, cu, D ...	2
20	sc-cu	3	fl-cu...	1	fl-cu...	2	hy-cu, cu-st, nim, R	6	cu, ci-hz, D... ...	4	cu, cu-st,ci-hz, nim, lt-R	6
21	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...
22	fl-cu...	4	fl-cu, cu-st, ci-st, hz.	4	fl-cu, cu-st, ci-st, hz.	3	ci-st, hz	3	cu, ci-hz, ci ...	3	cu, ci-hz	5
23	sc-cu, hz	3	fl-cu, ci-hz	4	cu, cu-st, hz ...	5	cu, cu-st, hz ...	5	cu, cu-st, ci-hz ...	4	ci, ci-hz, D	3
24	fl-cu, nim, hz ...	7	cu, hz	4	cu, hz	2	cu, cu-st, ci-hz, nim.	4	ny-ovt	7	cu, ci-hz, nim ...	7
25	ny-clear	0	clear	0	clear	0	cu, ci-hz, nim ...	6	clear	0	fl-cu, ci, ci-hz ...	6
26	fl-cu, ci, ci-hz ...	3	cu, ci-hz	3	cu, ci-hz	2	cu, cu-st, ci-hz ...	2	cu, ci-st	5	cu, hz	2
27	cu, ci, ci-hz ...	4	ci, ci-hz	2	cu, cu-st, hz, nim ...	5	cu, cu-st, hz, nim ...	4	ci, ci-hz, cu ...	3	clear	0
28	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...
29	cu, ci-cu, ci-hz ...	3	ci-cu, ci-st	3	clear	0	clear	0	cu, ci-st, ci-hz ...	2	cu, ci-st, ci-hz, D ...	3
30	sc-cu	3	cu-hor	1	cu, ci-st, hz ...	5	hy-cu, cu-st, hz ...	6	cu, ci-cu, hz ...	6	cu, ci-st, ci-hz ...	4
31	cu, cu-st, ci-hz ...	5	cu-st, ci-cu, ci-st, hz.	4	cu, ci-st, hz ...	2	cu-st, hz	2	cu, ci-st, ci-hz ...	3	cu, ci-cu, ci-hz ...	6

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE

ard....around
cld....clouds or cloudy
cr or ci. cirri or cirro or cirrous
cu.....cumuli or cumulo
D.....dew
d.....dense
dis... distant
dt.....detached
E.....east
fg.....fog
fk.....forked
fl.....flying
fr.....frequent
g.....ground
hy...heavy
hl...halo
hor.. horizon
hz... haze or hazy
ld.... loud
lg... lightning
lt....light
mt....meteor
N.....north
nim..nimbi
ny ...nearly
ov....overhead
ovt... overcast
ps... peals
pt.....part or partly or partial
R.....rain
r-b....rain-bow
S.....south
sc.....scattered
sh.... sheet
st.....stratus
th....thunder
thi...thick
v.....very
viv...vivid
W... west

REMARKS ON THE WEATHER FOR THE MONTH OF NOVEMBER 1856

Date	12	Cloudy sky in 8ths	14	Cloudy sky in 8ths	16	Cloudy sky in 8ths	18	Cloudy sky in 8ths	20	Cloudy sky in 8ths	22	Cloudy sky in 8ths	Thermometers: Radiation Sol.	Radiation Ter.	Air Max.	Air Min.
1	ny-clear ...	0	fl-cu, ci, ci-hz,r-b	4	ny-ovt, lt-R ...	6	fl-cu,ci,ci-hz,v-lt-R	6	cu, nim	6	cu, cu-st, hz ...	4	136·3	69·4	86·7	75·1
2	... ...	...	... ...	...	... ...	...	... ...	...	... .	...	... .	...	133·5	70·8	85·0	76·5
3	ny-ovt,lt-R,sh-lg	7	fl-cu, cu-st,ci-hz	5	fl-cu, cu-st, ci-hz .	4	cu, cu-st, ci-hz ...	3	cu, cu-st	3	cu, cu-st	2	127·3	73·1	85·9	74·8
4	ny-clear ...	0	cu-hor	3	fl-cu	3	fl-cu, cu-st ...	5	fl-cu, cu-st ...	5	sc-cu, cu-st ...	3	139·7	68·8	86·4	73·1
5	clear, D ...	0	sc-cu, ci-st ...	2	sc-cu, ci-st ..	2	fl-cu, cu-st,ci-hz...	3	cu, cu-st	3	fl-cu	2	134·2	64·6	85·4	70·1
6	clear, D ...	0	cu-hor	1	sc-cu	3	sc-cu	4	fl-cu, cu-st ...	3	cu, cu-st	3	133·2	62·9	84·4	68·4
7	fl-cu	2	sc-cu	3	cu, cu-st, ci-st ...	4	fl-cu, cu-st ...	6	fl-cu, hz	4	cu, ci, ci-hz ...	3	132·5	65·9	86·3	72·3
8	cu-hor... ...	2	fl-cu, ci-cu ...	4	fl-cu, nim ...	6	fl-cu, cu-st ...	7	cu, cu-st, ci ...	5	cu, cu-st, ci-st ...	4	138·5	70·4	85·8	76·4
9	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	127·5	70·4	83·9	74·0
10	cu, ci, ci-hz ...	3	cu, ci, ci-cu ...	7	fl-cu, nim ...	6	fl-cu, nim ...	5	cu, cu-st, ci ...	6	cu, cu-st, ci-cu ...	4	126·7	70·1	85·8	76·6
11	sc-cu, hz ...	2	fl-cu, cu-st ...	3	fl-cu, nim ...	5	hy-cu, hz... ...	6	cu, cu-hz, nim ...	7	cu, ci-cu, ci-hz ...	7	123·5	70·1	85·3	75·9
12	fl-cu, nim, R ...	5	fl-cu, cu-st, ci-hz, nim, R	7	ovt, R	8	fl-cu, nim ...	7	fl-cu, cu-st, ci ...	7	ovt	8	...	71·8	81·3	73·2
13	ci, ci-hz, ci-st ...	5	fl-cu, ci, ci-hz,nim	5	cu, ci-hz	4	fl-cu, cu-st ...	4	fl-cu, cu-st, ci ...	5	cu, cu-st ci-st, nim	6	137·2	70·3	83·1	71·9
14	ny-ovt, hz, R ...	7	ovt	8	ny-ovt, v-lt-R ...	7	fl-cu, ci, ci-hz ...	6	cu, cu-st, ci ...	5	cu, cu-st, ci ...	4	142·3	72·0	82·7	73·2
15	ny-ovt	8	ovt	8	ovt, lt-R ...	8	ovt, R	8	ovt, R	8	ovt	8	120·8	73·6	82·7	78·0
16	... ...	...	.. ..	...	... ...	...	... ...	...	... ...	...	... ...	...	...	74·2	81·3	75·2
17	fl-cu, nim ...	8	ovt, nim ...	8	ny-ovt	8	ny-ovt	8	ny-ovt	7	ovt, lt-R	8	122·5	73·6	82·8	74·1
18	ovt	8	fl-cu, ci-hz ...	7	fl-cu, ci-cu ...	7	ovt	8	ovt, R	8	ovt, R	8	122·5	73·0	80·0	74·2
19	ovt, R	8	ovt, R	8	ovt, R	8	ovt, R	8	ovt, R	8	ovt, R	8	...	69·2	77·2	70·0
20	ovt, R	8	ovt, R	8	ovt	8	ovt	8	ovt	8	ovt	8	...	65·5	77·2	69·0
21	ci, ci-hz, cu ...	4	ci-st, ci-hz ...	3	ci, ci-hz	3	ci, ci-hz, cu ...	3	ci-st, ci-hz, cu ..	3	ci, ci-hz, ...	2	119·5	69·4	82·8	72·3
22	ci, ci-hz, cu, D...	3	cu, ci, thi-ci-hz.	4	fl-cu, cu-st ...	5	fl-cu, cu-st ...	6	fl-cu, cu-st ...	6	cu, cu-st, ci-hz ...	4	131·4	70·9	84·8	75·5
23	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	131·7	69·8	82·5	74·6
24	cu, ci-hz, D ...	2	fl-cu,cu-st,ci-hz	5	sc-cu	4	cu, ci, ci-hz ...	3	cu, ci, ci-st ...	3	ci, ci-st, ...	2	136·0	70·0	82·4	74·0
25	ny-clear, D ...	0	fl-cu, cu-st,ci-hz,D	3	fl-cu, cu-st, ...	3	fl-cu, nim ...	6	sc-cu, cu-st ...	4	sc-cu, cu-st, ci ...	3	142·3	71·4	83·6	74·7
26	ny-clear, D ...	0	cu, cu-st, hz ...	2	fl-cu,cu-st,ci-hz,lt-R..	4	fl-cu, cu-st, nim ...	6	fl-cu, cu-st ...	5	cu, nim	5	138·6	71·8	83·3	75·0
27	clear, D ..	0	clear	0	clear	0	sc-cu	1	fl-cu, cu-st ...	3	cu, cu-st, nim ...	4	140·3	67·6	81·2	70·2
28	hy-cu	1	clear	0	ny-clear	0	fl-cu	2	fl-cu nim... ...	7	cu, ci-cu, ci-hz ...	7	134·6	70·6	80·0	71·4
29	cu-hz, D ...	2	sc-cu, ci-cu ...	3	sc-cu, ci-hz ...	3	sc-cu, ci-hz ...	3	fi-cu, ci-hz ...	4	sc-cu, ci-hz ...	3	136·0	69·0	80·5	71·4
30	.. ..	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	138·5	66·9	81·3	70·1

REMARKS ON THE WEATHER FOR THE MONTH OF DECEMBER 1856

1	cu,ci-cu,ci-hz, D	3	cu,cu-st,ci-hz, nim	7	ci-st, ci-hz, cu ...	5	ci-cu, ci-st, cu ...	5	fl-cu, ci-hz ...	4	cu, thi-ci-hz ...	4	134·5	69·9	80·5	71·1
2	cu, ci-st, ci-hz...	3	fl-cu, cu-st, ci-hz, nim ...	6	cu, cu-st, ci-hz ...	7	cu,cu-st,ci-hz, nim	7	fl-cu, cu-st, nim ..	6	fl-cu, ci-hz ...	5	131·0	67·3	81·7	71·1
3	cu, ci-cu, ci-hz..	5	cu, ci, d-ci-hz ...	7	cu, ci-cu, ci-hz ...	6	fl-cu, cu-st, ci-hz..	6	fl-cu, cu-st, ci-hz..	4	cu, ci, thi-ci-hz ...	4	136·0	66·2	81·6	70·4
4	ny-ovt	7	cu,cu-st, ci-st, hz, nim...	6	cu,cu-st, ci-cu,nim	7	cu, cu-st, ci-cu, nim, v-lt-R..	5	cu, ci, ci-hz ...	3	cu, ci, ci-hz, ci-st..	4	130·0	70·2	80·2	72·4
5	fl-cu,cu-st, ci-hz,nim, lt-R	5	cu, nim ...	5	fl-cu, cu-st,hz, nim	6	fl-cu, cu-st, hz ...	6	fl-cu, nim ...	6	ny-ovt	7	126·5	69·7	81·1	71·0
6	ovt, nim, lt-R...	8	ovt, nim, R ...	8	ovt, lt-R	8	ovt, lt-R	8	ovt, R	8	ovt, R	8	...	68·4	77·7	69·7
7	... ...	...	... ...	...	... ...	...	... ...	..	... ...	...	... ...	..	...	66·2	75·7	67·9
8	ovt, R	8	ovt, lt-R ...	8	ovt, lt-R	8	ovt	8	ovt	8	ovt, R	8	...	68·6	78·6	69·3
9	ovt, R	8	ovt, R	8	ovt, lt-R	8	ovt, lt-R	8	cu, ci, thi-ci-hz, nim..	8	cu, ci, thi-ci-hz ...	7	109·0	70·6	79·7	71·9
10	ovt	8	cu, ci-hz, nim...	6	ovt, nim	8	cu, cu-st, ci-hz ...	6	fl-cu, ci-hz ...	4	fl-cu, cu-st, ci-hz..	5	122·0	69·5	80·0	73·9
11	cu,cu-st,ci-hz,nim.	5	cu,ci-hz,nim,r-b	5	cu, ci-cu, ci-hz ...	4	cu, cu-st, ci-hz ...	4	fl-cu, nim, v-lt-R..	6	fl-cu, nim ...	6	134·5	71·2	80·8	73·4
12	cu, ci-cu, ci-hz..	3	cu, ci, ci-st ...	4	cu, ci-cu, ci-hz ...	5	cu, cu-st, ci-hz ...	5	fl-cu, nim, lt-R ...	6	fl-cu,ci-hz,nim,v-lt-R	6	122·2	70·3	81·4	75·0
13	cu, cu-st,ci-hz, nim	7	ny-ovt, R ...	7	ny-ovt, nim ...	7	ny-ovt, nim ...	7	fl-cu, nim ...	6	cu, cu-st, hz ...	6	118·7	70·5	81·2	73·4
14	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	129·0	71·0	80·4	73·7
15	cu, cu-st, ci-hz.	4	cu, ci, ci-st ...	5	sc-cu, ci-st, ci-hz..	4	cu, cu-st, ci-hz ...	5	fl-cu, cu-st ...	6	fl-cu, cu-st ...	5	132·0	67·7	80·5	72·3
16	cu, ci-cu, hz, D.	2	cu, ci-st ...	2	sc-cu, ci-hz ...	3	sc-cu, ci-hz ...	3	fl-cu	5	fl-cu	4	134·5	70·0	80·3	70·4
17	cu, ci-st, hz, D..	3	cu, cu-st ...	2	cu, cu-st, ci-st ...	3	cu, cu-st, ci-st ...	3	cu, cu-st, ci-hz ...	4	fl-cu	5	129·0	66·1	80·3	70·3
18	cu, ci-cu, hz, D.	3	cu-st, ci-st ...	3	cu, ci-st, hz ...	2	cu, ci-st, hz ...	2	sc-cu	2	fl-cu	3	125·0	63·9	79·8	68·2
19	cu, ci-cu, ci-hz, D	5	ci-cu, ci-hz ...	4	cu, ci-cu, ci ...	2	cu-hor	1	sc-cu	2	fl-cu	5	137·0	63·5	80·2	68·8
20	cu,cu-st, ci-hz, nim	7	cu, ci-cu, ci-hz..	5	cu-hor	2	cu, cu-st, hz ...	2	sc-cu	4	sc-cu	3	139·7	63·5	79·1	68·0
21	... .	...	... ...	...	... .	...	... .	...	... ...	...	... ...	...	135·8	62·7	80·3	71·9
22	ny-clear ...	0	cu, ci-hz, nim...	4	cu, cu-st, ci-hz ...	4	cu, cu-st, ci-hz ...	5	fl-cu, cu-st ...	4	sc-cu, hz... ...	2	133·5	64·9	81·1	71·2
23	ny-clear ...	0	ny-clear ...	0	fl-cu	1	cu, hz	3	fl-cu, nim ..	7	fl-cu, nim ...	7	130·2	67·0	79·4	70·2
24	cu,cu-st,ci-hz, nim	7	cu, cu-st, ci-cu, hz.	8	cu, cu-st, ci-cu ...	6	ny-clear	1	ny-clear	0	ny-clear	0	130·0	64·8	79·8	71·7
25	fl-cu, ci, ci-hz, D	6	fl-cu, ci, ci-hz	6	fl-cu, nim ...	5	fl-cu, nim ...	6	fl-cu, nim ..	7	fl-cu, ci, ci-hz ...	4	129·0	68·8	79·1	69·9
26	clear, D ...	0	cu, ci-cu, ci-hz..	4	cu, ci-cu, ci-hz ..	4	cu, ci-cu, ci-hz ...	4	ci, ci-hz, cu ..	4	cu, ci, ci-hz ...	3	136·0	65·6	81·0	69·4
27	clear, D ...	0	ci, ci-hz, D ...	2	ci, ci-hz, cu ...	3	ci, ci-hz, cu ...	3	cu, ci-cu, ci-hz ...	4	cu, ci-cu, ci-hz ...	4	138·0	66·6	81·2	70·8
28	... ...	...	... ...	...	.. .. ..	...	... ...	...	... ...	...	... ...	...	143·8	67·0	80·4	69·1
29	ci-cu, ci, ci-hz,D	2	clear	0	ci-cu	1	fi-cu	2	sc-cu, cu-st ..	3	sc-cu, cu-st ...	3	138·8	64·0	81·2	69·9
30	cu, ci-hz ...	2	cu, ci-hz ...	3	cu, cu-st, ci-hz ...	3	cu, cu-st, ci-hz ...	4	fl-cu, cu-st, ci-hz..	6	fl-cu, cu-st, ci-hz..	5	126·5	68·1	81·5	72·5
31	cu, ci-cu, ci-hz.	3	sc-cu	4	cu, cu-st	3	cu, cu-st	4	cu, cu-st	4	cu, ci-cu, cu-st ...	4	131·6	70·5	81·4	75·0

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE.

ard....around
cld....clouds or cloudy
cr or ci. cirri or cirro or cirrous
cu.....cumuli or cumulo
D .....dew
d.....dense
dis....distant
dt.....detached
E.....east
fg.....fog
fk.....forked
fl.....flying
fr.....frequent
g.....ground
hy.....heavy
hl.....halo
hor ..horizon
hz.....haze or hazy
ld.....loud
lg.....lightning
lt.....light
mt....meteor
N.....north
nim..nimbi
ny.....nearly
ov....overheal
ovt...overcast
ps....peals
pt.....part or partly or partial
R.....rain
r-b...rain-bow
S.....south
sc....scattered
sh....sheet
st.....stratus
th....thunder
thi...thick
v .....very
viv...vivid
W....west

MADRAS 1857

METEOROLOGICAL OBSERVATIONS

BAROMETRIC PRESSURE—(Corrected)

Barometer at 32°=29 English Inches+the number in the Table

	Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
	Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
		In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
											+0*016		−0*054													
JANUARY 1857	1	0·939	0·956	0·978	1·004	1·026	1·035	1·042	1·025	1·017	1·008	0·996	0·997	1·008	1·020	1·039	1·062	1·082	1·085	1·073	1·056	1·027	1·006	0·997	0·999	1·020
	2	1·013	1·034	1·048	·073	·097	·104	·097	·077	·070	·062	1·052	1·050	·058	·069	·081	·119	·143	·150	·143	·112	·086	·061	1·047	1·042	·079
	3	·055	·065	·085	·107	·126	·127	·117	·111	·103	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	4	—	—	—	—	—	—	—	—	—	·080	·054	·051	·059	·078	·091	·113	·138	·137	·123	·103	·066	·033	·015	·016	·086
	5	·027	·042	·061	·090	·110	·117	·113	·094	·089	·074	·056	·055	·064	·078	·105	·127	·164	·166	·159	·136	·099	·075	·056	·062	·092
	6	·070	·100	·098	·117	·140	·148	·149	·142	·121	·097	·070	·067	·075	·089	·105	·121	·143	·150	·132	·112	·078	·044	·025	·018	·100
	7	·025	·038	·047	·070	·084	·093	·087	·072	·060	·048	·033	·034	·046	·067	·080	·107	·124	·117	·114	·097	·065	·035	·007	·003	·065
	8	·008	·015	·034	·050	·068	·077	·067	·064	·057	·047	·033	·030	·038	·046	·064	·083	·118	·120	·113	·096	·070	·041	·023	·012	·057
	9	·010	·023	·038	·053	·064	·068	·064	·057	·043	·030	·014	·013	·023	·053	·069	·091	·120	·116	·111	·090	·054	·023	·006	·002	·051
	10	·006	·011	·024	·045	·064	·064	·064	·055	·035	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	11	—	—	—	—	—	—	—	—	—	·036	·033	·034	·045	·058	·068	·101	·131	·140	·126	·102	·073	·047	·022	·029	·059
	12	·033	·039	·064	·088	·108	·111	·095	·091	·081	·077	·069	·066	·073	·080	·092	·112	·137	·137	·127	·108	·074	·040	·023	·009	·081
	13	·015	·040	·062	·086	·104	·109	·095	·076	·068	·057	·043	·040	·047	·056	·078	·099	·125	·138	·121	·093	·064	·035	·007	0·997	·069
	14	·004	·025	·038	·064	·090	·090	·070	·061	·050	·030	·006	·005	·015	·030	·044	·059	·086	·087	·074	·051	·015	0·981	0·956	·953	·037
	15	0·956	0·963	0·981	·011	·030	·033	·021	·012	·004	0·988	0·968	0·965	0·973	0·984	·000	·037	·063	·068	·060	·039	·011	·980	·954	·954	·002
	16	·963	·977	·997	·025	·045	·044	·044	·027	·011	·999	·984	·990	1·006	1·017	·023	·054	·080	·088	·074	·054	·026	·997	·976	·975	·020
	17	·977	·981	1·003	·014	·030	·039	·036	·022	·009	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	18	—	—	—	—	—	—	—	—	—	·995	·978	·980	0·993	·007	·016	·033	·057	·060	·045	·024	·000	·962	·941	·935	·006
	19	·943	·946	0·961	0·987	·006	·016	·005	·002	0·989	·973	·954	·956	·968	0·981	0·986	·016	·041	·046	·039	·014	0·982	·951	·933	·922	0·984
	20	·928	·943	·958	·982	·002	·006	·010	·008	·995	·978	·958	·958	·969	·981	·989	·012	·041	·053	·042	·027	·989	·960	·941	·933	·986
	21	·944	·951	·970	·995	·007	·016	·007	0·997	·984	·967	·947	·939	·942	·959	·987	·021	·044	·048	·037	·017	·977	·941	·915	·905	·980
	22	·913	·922	·943	·969	0·985	·001	·005	·994	·974	·960	·942	·941	·950	·965	·983	·011	·042	·040	·032	·010	·976	·950	·935	·921	·974
	23	·925	·932	·943	·969	·991	0·991	0·985	·970	·951	·941	·928	·932	·946	·965	·986	·010	·038	·044	·032	·006	·971	·936	·917	·915	·968
	24	·926	·936	·953	·973	1·004	1·003	·999	·990	·970	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	25	—	—	—	—	—	—	—	—	—	·946	·918	·915	·923	·931	·941	0·971	·003	·007	0·995	0·971	·937	·907	·891	·884	·954
	26	·883	·892	·907	·931	0·943	0·967	·961	·946	·925	·919	·909	·906	·914	·936	·948	·965	0·979	0·987	·973	·949	·907	·883	·859	·851	·927
	27	·851	·863	·888	·910	·934	·936	·925	·918	·897	·887	·874	·873	·883	·887	·901	·925	·963	·966	·956	·941	·914	·890	·874	·859	·905
	28	·861	·874	·889	·913	·943	·947	·943	·936	·917	·906	·891	·889	·897	·904	·918	·946	·969	·987	·981	·954	·935	·895	·875	·877	·919
	29	·882	·891	·906	·932	·951	·956	·948	·939	·926	·915	·901	·894	·897	·906	·917	·945	·980	·997	·994	·973	·943	·902	·885	·866	·927
	30	·858	·875	·890	·911	·932	·929	·931	·921	·904	·889	·871	·871	·882	·900	·933	·958	1·002	1·013	1·006	·988	·960	·931	·903	·895	·923
	31																									
	Means	0·962	0·974	0·991	1·014	1·034	1·040	1·034	1·023	1·010	0·997	0·980	0·979	0·988	1·002	1·017	1·042	1·070	1·075	1·065	1·043	1·012	0·981	0·961	0·955	1·010
											−0*005		−0*062													
	Jany. 31	0·896	0·899	0·914	0·936	0·961	0·964	0·964	0·954	0·939	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	1	—	—	—	—	—	—	—	—	—	0·925	0·911	0·903	0·908	0·923	0·940	0·967	0·992	1·001	0·990	0·966	0·937	0·916	0·899	0·889	0·937
	2	·891	·902	·918	·939	·965	·978	·974	·958	·949	·934	·920	·915	·922	·935	·964	·989	1·006	·016	1·007	·993	·966	·938	·914	·897	·950
	3	·895	·908	·926	·956	·983	·992	·989	·979	·970	·950	·930	·923	·929	·938	·954	·976	0·998	·012	·007	·982	·959	·930	·901	·890	·953
	4	·897	·920	·941	·963	·979	·988	·986	·974	·961	·942	·924	·915	·918	·926	·939	·967	·988	·005	0·997	·987	·958	·928	·899	·878	·949
	5	·890	·925	·928	·954	·977	·992	1·009	·002	·986	·960	·934	·918	·915	·928	·945	·975	·996	·009	1·002	·993	·965	·933	·910	·901	·955
	6	·908	·922	·939	·973	·999	1·005	·014	·009	·995	·979	·964	·955	·958	·969	·987	1·018	1·048	·066	·063	1·045	1·003	·969	·937	·927	·984
	7	·932	·939	·957	·983	·997	0·997	0·974	0·961	·952	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	8	—	—	—	—	—	—	—	—	—	·935	·918	·895	·885	·913	·929	0·961	0·981	0·999	0·995	0·972	0·939	·900	·881	·872	·945
	9	·879	·893	·912	·938	·969	·971	·978	·976	·968	·956	·945	·938	·943	·965	·977	1·005	1·023	1·038	1·032	1·018	·999	·971	·951	·948	·966
	10	·951	·958	·968	·982	1·004	1·009	1·014	1·003	·998	·984	·970	·954	·951	·970	·977	·002	·027	·045	·028	·009	·984	·956	·926	·915	·983
	11	·905	·913	·930	·956	0·978	0·985	0·986	0·983	·977	·968	·960	·939	·931	·947	·961	0·985	·006	·014	·005	0·986	·961	·928	·897	·874	·957
	12	·875	·881	·894	·921	·944	·954	·956	·942	·925	·913	·902	·885	·881	·896	·919	·949	0·981	·003	0·992	·982	·953	·922	·894	·887	·927
	13	·886	·894	·910	·928	·945	·953	·956	·946	·940	·919	·898	·887	·889	·907	·943	·971	·996	·001	·988	·975	·944	·906	·880	·868	·930
	14	·869	·881	·895	·913	·944	·956	·949	·942	·919	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	15	—	—	—	—	—	—	—	—	—	·896	·873	·873	·886	·901	·918	·950	·969	0·984	·965	·944	·918	·888	·862	·856	·915
	16	·865	·878	·899	·913	·940	·959	·964	·954	·947	·930	·913	·904	·907	·922	·948	·973	1·004	1·015	1·004	·988	·965	·944	·922	·903	·940
	17	·909	·917	·933	·958	·989	·996	·997	·989	·975	·956	·938	·930	·935	·956	·981	1·008	·034	·044	·039	1·022	·991	·959	·944	·939	·972
	18	·946	·965	·986	1·019	1·037	1·049	1·040	1·025	1·001	·983	·965	·956	·960	·984	1·002	·031	·046	·054	·042	·017	·988	·951	·920	·916	·995
	19	·922	·933	·956	0·978	0·996	·012	·020	·009	0·990	·976	·959	·947	·947	·965	·004	·017	·043	·049	·037	·008	·977	·939	·905	·894	·978
	20	·897	·905	·921	·953	·975	0·985	0·984	0·975	·952	·934	·916	·906	·909	·934	0·962	0·979	·003	·014	·009	0·982	·943	·903	·874	·862	·945
	21	·860	·866	·881	·893	·913	·921	·927	·919	·904	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	22	—	—	—	—	—	—	—	—	—	·876	·848	·832	·829	·848	·877	·907	0·934	0·946	0·937	·910	·880	·853	·828	·816	·884
	23	·820	·830	·863	·892	·908	·932	·938	·931	·920	·905	·899	·888	·898	·914	·933	·958	·981	·997	·991	·962	·947	·909	·879	·864	·914
	24	·873	·889	·909	·932	·954	·981	·985	·967	·951	·938	·925	·905	·898	·904	·909	·923	·943	·948	·940	·909	·877	·846	·825	·811	·914
	25	·820	·833	·850	·880	·902	·922	·905	·897	·882	·865	·848	·839	·842	·856	·866	·890	·908	·913	·900	·874	·840	·803	·774	·758	·861
	26	·767	·766	·793	·811	·826	·842	·854	·843	·831	·822	·814	·812	·823	·829	·840	·860	·876	·882	·873	·842	·800	·775	·760	·744	·820
	27	·753	·765	·787	·809	·838	·853	·848	·845	·839	·821	·804	·810	·828	·837	·868	·896	·909	·930	·921	·899	·868	·836	·813	·806	·841
	28																									
	Means	·879	·890	·909	·933	·955	·966	·967	·958	·945	·928	·911	·901	·904	·919	·939	·965	·987	·999	·990	·969	·940	·908	·883	·871	·934

FEBRUARY 1857

* The Numbers in these Columns are not observed but interpolated for the sake of obtaining the daily Means and the Numbers on the heads of them are corrections of interpolation.

BAROMETRIC PRESSURE—(Corrected)

Barometer at 32°=29 English Inches+the number in the Table

	Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
	Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h m 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
		In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
											−0·028*		−0·061*													
MARCH 1857	Feb. 28	0·818	0·832	0·851	0·886	0·903	0·922	0·907	0·902	0·898	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	1	—	—	—	—	—	—	—	—	—	0·902	0·912	0·903	0·907	0·921	0·941	0·974	0·999	1·010	0·997	0·967	0·938	0·906	0·881	0·867	0·914
	2	·880	·888	·919	·936	·959	·960	·959	·946	·930	·914	·904	·894	·897	·913	·936	·958	·986	0·990	·980	·947	·920	·889	·867	·851	·926
	3	·847	·859	·883	·900	·925	·930	·933	·923	·903	·891	·884	·880	·888	·907	·938	·961	·980	·992	·980	·947	·916	·889	·865	·855	·911
	4	·850	·861	·886	·908	·932	·949	·949	·939	·921	·910	·905	·903	·913	·923	·951	·976	·993	1·002	·991	·964	·940	·916	·887	·875	·927
	5	·878	·888	·907	·931	·955	·960	·962	·954	·937	·922	·913	·912	·923	·944	·969	·989	1·005	·008	1·009	·982	·945	·916	·889	·876	·941
	6	·867	·872	·884	·908	·929	·950	·945	·933	·920	·910	·905	·892	·891	·908	·935	·962	0·967	0·970	0·946	·922	·891	·855	·828	·808	·908
	7	·816	·829	·848	·860	·883	·900	·901	·899	·886	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	8	—	—	—	—	—	—	—	—	—	·873	·865	·861	·869	·888	·902	·929	·955	·962	·937	·912	·891	·859	·833	·824	·883
	9	·831	·845	·868	·896	·904	·910	·901	·895	·889	·874	·864	·854	·856	·885	·915	·936	·950	·974	·962	·926	·889	·861	·828	·822	·889
	10	·808	·821	·837	·863	·883	·891	·897	·896	·882	·863	·849	·845	·853	·878	·892	·907	·927	·935	·924	·889	·860	·830	·815	·791	·868
	11	·808	·824	·841	·864	·892	·911	·916	·910	·889	·882	·881	·879	·889	·899	·920	·951	·969	·978	·971	·943	·919	·892	·882	·869	·899
	12	·872	·882	·897	·936	·946	·969	·973	·962	·953	·942	·937	·937	·949	·968	·994	1·025	1·042	1·049	1·046	1·016	·990	·968	·942	·938	·964
	13	·937	·944	·961	·982	1·010	1·020	1·025	1·011	·985	·973	·966	·958	·963	·989	1·002	·022	·046	·052	·034	·005	·979	·947	·930	·926	·986
	14	·931	·940	·950	·974	0·994	·009	0·993	0·976	·958	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	15	—	—	—	—	—	—	—	—	—	·933	·914	·910	·918	·933	0·944	0·966	0·991	0·993	0·982	0·954	·930	·897	·880	·874	·906
	16	·882	·889	·921	·941	·970	0·974	·966	·959	·939	·922	·911	·907	·916	·919	·939	·956	·989	·989	·977	·956	·930	·911	·885	·874	·934
	17	·881	·894	·914	·933	·949	·959	·954	·935	·922	·907	·898	·891	·897	·906	·924	·952	·972	·989	·979	·948	·918	·894	·863	·853	·922
	18	·860	·868	·896	·910	·930	·943	·941	·932	·903	·887	·877	·872	·880	·895	·916	·942	·961	·961	·948	·926	·902	·875	·853	·858	·906
	19	·853	·865	·886	·899	·920	·934	·935	·920	·904	·891	·884	·880	·889	·895	·908	·928	·941	·947	·933	·898	·876	·827	·822	·816	·894
	20	·812	·818	·833	·857	·874	·889	·888	·885	·873	·861	·854	·850	·858	·870	·878	·894	·901	·898	·884	·864	·836	·810	·779	·768	·856
	21	·785	·793	·807	·833	·851	·871	·880	·877	·863	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	22	—	—	—	—	—	—	—	—	—	·853	·849	·842	·847	·865	·885	·904	·920	·921	·909	·881	·849	·820	·799	·786	·854
	23	·783	·799	·816	·847	·875	·887	·879	·864	·850	·835	·826	·826	·832	·854	·865	·888	·907	·906	·902	·878	·844	·822	·800	·790	·849
	24	·785	·797	·817	·844	·864	·881	·877	·872	·850	·819	·833	·830	·840	·851	·872	·901	·914	·917	·912	·890	·864	·833	·813	·799	·853
	25	·806	·814	·834	·859	·881	·892	·896	·893	·882	·873	·869	·869	·882	·895	·912	·935	·956	·956	·949	·926	·908	·884	·869	·853	·887
	26	·840	·851	·879	·899	·922	·944	·948	·938	·925	·916	·913	·906	·911	·930	·939	·958	·977	·976	·960	·946	·914	·880	·850	·834	·915
	27	·829	·838	·850	·872	·883	·888	·889	·883	·869	·851	·839	·834	·841	·857	·871	·891	·896	·902	·878	·847	·822	·797	·767	·751	·852
	28	·743	·756	·788	·802	·820	·844	·830	·810	·794	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	29	—	—	—	—	—	—	—	—	—	·779	·770	·765	·773	·794	·824	·850	·868	·865	·853	·829	·798	·767	·746	·735	·800
	30	·744	·758	·790	·814	·829	·840	·843	·824	·813	·802	·796	·801	·818	·836	·874	·899	·918	·925	·917	·894	·870	·850	·832	·816	·838
	31	·814	·829	·841	·850	·868	·891	·885	·885	·878	·868	·863	·867	·884	·887	·904	·923	·940	·944	·934	·900	·870	·849	·828	·807	·875
	Means	·836	·846	·867	·889	·909	·923	·921	·912	·897	·885	·877	·873	·881	·897	·917	·940	·958	·963	·952	·924	·897	·868	·846	·834	0·895
											−0·026*		−0·058*													
APRIL 1857	1	0·802	0·809	0·821	0·843	0·854	0·873	0·868	0·850	0·839	0·824	0·814	0·816	0·829	0·859	0·870	0·895	0·916	0·916	0·905	0·878	0·852	0·825	0·808	0·800	0·849
	2	·803	·808	·831	·849	·875	·896	·894	·889	·869	·848	·832	·832	·844	·853	·869	·890	·935	·939	·924	·893	·856	·825	·800	·791	·860
	3	·790	·806	·833	·857	·883	·899	·894	·884	·865	·853	·846	·849	·863	·884	·897	·943	·976	·967	·950	·920	·892	·869	·842	·832	·879
	4	·819	·824	·834	·863	·888	·909	·906	·896	·866	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	5	—	—	—	—	—	—	—	—	—	·870	·880	·879	·890	·899	·918	·935	·952	·952	·941	·922	·898	·875	·849	·835	·887
	6	·820	·834	·866	·882	·894	·902	·917	·923	·889	·879	·874	·875	·887	·918	·943	·954	·971	·969	·954	·935	·901	·868	·839	·830	·897
	7	·818	·836	·848	·868	·892	·908	·914	·901	·888	·867	·851	·848	·857	·883	·906	·937	·968	·959	·964	·956	·926	·854	·822	·816	·887
	8	·825	·834	·852	·883	·902	·921	·923	·900	·886	·874	·867	·865	·875	·884	·904	·928	·941	·945	·933	·906	·869	·834	·811	·791	·881
	9	·789	·802	·819	·845	·870	·887	·889	·885	·869	·849	·835	·835	·847	·855	·877	·891	·912	·916	·889	·873	·840	·821	·804	·791	·854
	10	·781	·797	·820	·838	·857	·876	·881	·875	·862	·842	·827	·816	·816	·849	·871	·897	·910	·917	·900	·882	·858	·836	·820	·803	·851
	11	·799	·805	·818	·844	·867	·882	·874	·858	·854	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	12	—	—	—	—	—	—	—	—	—	·820	·792	·797	·813	·844	·852	·875	·885	·886	·878	·864	·828	·802	·780	·770	·837
	13	·768	·783	·788	·811	·826	·850	·847	·842	·833	·823	·819	·823	·838	·853	·873	·895	·908	·894	·883	·868	·840	·810	·784	·771	·835
	14	·769	·781	·803	·829	·846	·873	·896	·889	·845	·833	·826	·827	·840	·850	·872	·887	·898	·902	·876	·859	·813	·787	·760	·747	·838
	15	·738	·741	·764	·798	·812	·825	·833	·813	·807	·791	·780	·775	·782	·795	·818	·842	·844	·829	·813	·789	·746	·719	·692	·677	·784
	16	·669	·679	·700	·715	·750	·769	·767	·758	·752	·740	·733	·726	·731	·750	·761	·793	·803	·809	·787	·770	·741	·714	·680	·671	·740
	17	·669	·683	·708	·734	·758	·781	·787	·780	·762	·756	·755	·756	·769	·795	·819	·838	·877	·866	·847	·825	·793	·760	·737	·723	·774
	18	·718	·727	·766	·796	·818	·850	·855	·846	·832	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	19	—	—	—	—	—	—	—	—	—	·794	·761	·759	·769	·778	·797	·820	·842	·842	·834	·805	·782	·759	·732	·727	·792
	20	·722	·735	·753	·779	·798	·819	·815	·813	·791	·773	·761	·762	·774	·793	·814	·839	·853	·857	·849	·832	·799	·778	·759	·743	·792
	21	·736	·749	·774	·787	·820	·834	·832	·807	·798	·777	·762	·760	·769	·785	·817	·837	·862	·870	·854	·841	·805	·777	·764	·750	·799
	22	·747	·750	·772	·800	·828	·858	·856	·839	·816	·796	·782	·768	·765	·788	·825	·867	·890	·898	·886	·874	·828	·791	·767	·751	·814
	23	·750	·768	·781	·799	·841	·854	·850	·833	·815	·796	·782	·767	·763	·792	·800	·837	·859	·865	·851	·839	·817	·789	·764	·767	·807
	24	·752	·764	·789	·815	·846	·860	·858	·838	·824	·807	·795	·792	·800	·807	·837	·860	·875	·876	·866	·859	·828	·813	·801	·777	·822
	25	·770	·791	·815	·847	·865	·874	·874	·867	·836	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	26	—	—	—	—	—	—	—	—	—	·816	·801	·803	·816	·826	·845	·866	·877	·880	·871	·858	·834	·818	·793	·784	·834
	27	·782	·798	·823	·837	·839	·850	·844	·830	·822	·811	·805	·806	·819	·829	·853	·868	·885	·881	·872	·856	·828	·803	·793	·772	·829
	28	·771	·776	·798	·822	·832	·849	·843	·841	·827	·806	·790	·787	·796	·804	·831	·844	·861	·870	·858	·838	·813	·782	·760	·736	·814
	29	·735	·758	·784	·811	·828	·838	·837	·830	·798	·783	·773	·772	·783	·801	·806	·826	·836	·832	·824	·815	·780	·752	·727	·719	·794
	30	·718	·740	·766	·792	·805	·818	·818	·807	·787	·771	·761	·752	·755	·778	·805	·833	·841	·853	·842	·832	·812	·798	·775	·764	·793
	Means	0·764	·776	·797	·821	·842	·860	·860	·850	·832	·815	·804	·802	·811	·829	·849	·873	·892	·892	·879	·861	·830	·802	·779	·767	0·829

* The Numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means and the numbers on the heads of them are corrections of interpolations.

BAROMETRIC PRESSURE (Corrected)

Barometer at 32°=29 English Inches + the number in the Table

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
										−0·029		−0·063													
1	0·765	0·779	0·789	0·817	0·840	0·851	0·865	0·859	0·833	0·806	0·785	0·772	0·771	0·790	0·808	0·831	0·838	0·838	0·827	0·813	0·773	0·747	0·725	0·712	0·801
2	·706	·716	·743	·767	·792	·796	·811	·814	·791	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	—	·739	·692	·686	·692	·719	·747	·771	·775	·779	·755	·741	·710	·680	·660	·654	·739
4	·666	·683	·708	·730	·744	·765	·759	·757	·740	·729	·723	·725	·740	·762	·784	·808	·818	·820	·799	·770	·746	·713	·688	·670	·744
5	·677	·693	·714	·736	·759	·777	·777	·758	·754	·747	·746	·750	·767	·781	·792	·818	·819	·796	·778	·769	·732	·715	·692	·679	·751
6	·689	·704	·728	·760	·789	·811	·812	·792	·791	·777	·768	·759	·762	·782	·796	·818	·823	·809	·787	·767	·750	·725	·704	·690	·766
7	·692	·703	·723	·758	·767	·789	·793	·786	·756	·724	·701	·694	·699	·724	·735	·771	·774	·757	·747	·739	·702	·662	·634	·611	·727
8	·612	·618	·629	·644	·653	·677	·699	·690	·657	·637	·623	·632	·654	·669	·688	·708	·712	·714	·698	·686	·652	·616	·602	·614	·658
9	·607	·645	·650	·683	·730	·779	·779	·750	·704	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	·704	·710	·714	·731	·747	·769	·787	·799	·807	·789	·774	·749	·717	·692	·677	·729
11	·678	·699	·720	·747	·772	·815	·826	·817	·795	·770	·752	·754	·769	·799	·812	·819	·823	·822	·810	·795	·765	·746	·717	·709	·772
12	·703	·711	·727	·763	·788	·792	·788	·781	·778	·760	·747	·735	·735	·752	·780	·808	·816	·836	·828	·822	·790	·769	·741	·717	·769
13	·715	·722	·739	·758	·784	·808	·807	·800	·781	·763	·751	·749	·760	·775	·791	·804	·820	·819	·800	·788	·769	·759	·725	·716	·771
14	·712	·711	·743	·774	·784	·787	·792	·781	·761	·743	·730	·722	·726	·750	·768	·787	·785	·778	·759	·755	·727	·699	·694	·689	·748
15	·690	·700	·725	·758	·787	·794	·781	·763	·759	·727	·700	·704	·720	·736	·760	·777	·791	·799	·785	·767	·736	·717	·687	·670	·743
16	·666	·671	·700	·714	·741	·765	·754	·769	·760	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	—	—	·730	·705	·702	·712	·724	·759	·780	·784	·789	·770	·755	·728	·691	·670	·651	·729
18	·641	·666	·690	·713	·735	·758	·766	·750	·740	·713	·692	·696	·712	·733	·767	·780	·793	·793	·776	·757	·731	·701	·680	·659	·727
19	·654	·675	·703	·730	·753	·768	·760	·754	·724	·718	·717	·716	·727	·742	·770	·787	·792	·793	·776	·758	·730	·708	·684	·673	·734
20	·670	·685	·702	·724	·751	·770	·766	·764	·745	·724	·708	·704	·713	·731	·759	·772	·778	·789	·770	·763	·741	·710	·692	·682	·734
21	·695	·711	·734	·743	·756	·784	·786	·767	·745	·723	·706	·693	·693	·715	·723	·736	·746	·747	·732	·715	·710	·679	·656	·654	·723
22	·652	·671	·684	·707	·720	·736	·735	·730	·719	·713	·713	·704	·708	·722	·750	·765	·782	·784	·771	·751	·721	·699	·674	·656	·719
23	·646	·660	·683	·714	·729	·744	·739	·718	·713	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	—	·705	·702	·707	·725	·744	·759	·771	·775	·775	·774	·757	·736	·705	·683	·672	·722
25	·663	·679	·690	·714	·737	·753	·760	·755	·744	·728	·717	·709	·713	·727	·754	·771	·781	·774	·762	·742	·719	·691	·656	·626	·724
26	·623	·655	·671	·697	·711	·722	·724	·726	·719	·704	·694	·690	·698	·708	·722	·731	·741	·740	·710	·688	·656	·630	·604	·597	·690
27	·596	·606	·614	·645	·664	·677	·676	·670	·668	·652	·642	·639	·648	·667	·696	·709	·716	·710	·688	·666	·639	·613	·590	·570	·653
28	·552	·566	·604	·628	·664	·687	·702	·695	·675	·666	·662	·661	·673	·686	·704	·721	·726	·724	·715	·688	·663	·645	·621	·601	·664
29	·591	·597	·620	·660	·695	·714	·714	·710	·691	·679	·673	·674	·688	·718	·733	·759	·758	·747	·728	·718	·700	·677	·646	·638	·689
30	·650	·661	·681	·699	·734	·731	·732	·731	·721	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
31	—	—	—	—	—	—	—	—	—	·706	·697	·693	·701	·713	·749	·773	·771	·771	·751	·739	·706	·678	·655	·643	·712
Means	0·662	·676	·697	·722	·745	·763	·765	·757	·741	·723	·710	·707	·717	·735	·757	·775	·782	·781	·765	·749	·722	·696	·672	·659	0·728

MAY 1857

										−0·029		−0·048													
1	0·639	0·661	0·687	0·713	0·732	0·737	0·748	0·724	0·711	0·697	0·692	0·694	0·705	0·722	0·745	0·750	0·753	0·749	0·741	0·712	0·684	0·655	0·628	0·616	0·704
2	·608	·622	·650	·695	·719	·737	·730	·723	·726	·713	·705	·700	·705	·711	·740	·765	·781	·776	·759	·739	·706	·666	·646	·632	·706
3	·641	·654	·687	·706	·732	·754	·757	·752	·746	·729	·717	·714	·721	·724	·742	·758	·760	·770	·752	·719	·696	·669	·651	·632	·716
4	·628	·634	·672	·704	·719	·731	·738	·735	·725	·710	·700	·699	·707	·728	·749	·762	·781	·777	·748	·716	·685	·665	·655	·637	·709
5	·667	·696	·698	·716	·733	·752	·759	·785	·781	·743	·711	·715	·729	·735	·746	·769	·777	·783	·789	·770	·758	·733	·712	·709	·740
6	·716	·729	·717	·749	·776	·800	·821	·818	·780	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	—	·765	·756	·740	·733	·750	·759	·764	·776	·774	·772	·756	·725	·698	·668	·661	·750
8	·640	·648	·673	·700	·731	·756	·747	·744	·730	·714	·704	·694	·694	·706	·718	·733	·759	·770	·759	·725	·710	·671	·640	·624	·708
9	·617	·626	·650	·680	·704	·718	·728	·726	·719	·706	·699	·674	·659	·683	·692	·711	·732	·734	·723	·705	·677	·660	·633	·628	·687
10	·622	·632	·646	·678	·708	·720	·731	·720	·698	·685	·678	·687	·705	·752	·790	·815	·816	·812	·789	·770	·755	·740	·706	·696	·723
11	·688	·699	·728	·751	·770	·782	·796	·785	·769	·760	·757	·746	·745	·756	·761	·771	·772	·760	·755	·730	·709	·675	·655	·630	·740
12	·630	·636	·646	·682	·700	·718	·724	·694	·684	·670	·662	·637	·622	·635	·652	·675	·683	·684	·674	·659	·626	·612	·581	·565	·656
13	·564	·589	·629	·648	·656	·677	·706	·698	·683	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	·682	·687	·684	·691	·709	·720	·739	·765	·776	·762	·752	·733	·703	·670	·651	·691
15	·641	·670	·686	·707	·721	·736	·744	·732	·722	·703	·690	·686	·692	·716	·717	·735	·751	·760	·746	·721	·697	·675	·657	·639	·706
16	·615	·623	·647	·661	·678	·701	·705	·687	·657	·648	·645	·651	·667	·674	·719	·721	·736	·730	·717	·690	·670	·650	·638	·624	·673
17	·616	·623	·639	·661	·678	·717	·703	·693	·687	·668	·655	·658	·671	·693	·703	·724	·745	·747	·740	·719	·696	·678	·660	·648	·684
18	·632	·644	·677	·731	·729	·736	·734	·725	·717	·703	·694	·694	·703	·726	·739	·751	·762	·765	·745	·724	·703	·669	·640	·625	·707
19	·620	·638	·677	·705	·720	·736	·750	·744	·718	·697	·681	·680	·689	·699	·713	·729	·737	·739	·717	·692	·664	·646	·627	·627	·694
20	·609	·650	·688	·687	·701	·705	·700	·686	·676	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	—	·659	·648	·647	·655	·664	·689	·707	·719	·707	·689	·671	·643	·620	·595	·577	·666
22	·570	·592	·618	·631	·642	·673	·682	·676	·663	·654	·651	·649	·656	·672	·688	·692	·721	·723	·717	·687	·678	·662	·647	·631	·661
23	·623	·635	·662	·679	·700	·714	·731	·727	·715	·718	·712	·710	·717	·730	·753	·767	·783	·781	·774	·749	·721	·706	·677	·663	·714
24	·660	·676	·703	·724	·744	·762	·765	·761	·745	·737	·735	·730	·735	·743	·767	·786	·784	·783	·770	·742	·719	·698	·684	·663	·734
25	·657	·659	·675	·701	·728	·737	·755	·741	·733	·725	·722	·724	·736	·742	·774	·787	·804	·800	·782	·754	·730	·709	·691	·667	·731
26	·668	·718	·734	·745	·772	·781	·771	·761	·752	·743	·740	·743	·755	·759	·783	·806	·814	·813	·806	·777	·749	·722	·692	·671	·753
27	·666	·682	·726	·740	·767	·783	·778	·772	·758	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	·735	·717	·709	·711	·717	·736	·753	·771	·781	·779	·757	·742	·720	·682	·671	·736
29	·668	·680	·711	·727	·743	·754	·750	·740	·729	·728	·718	·718	·727	·742	·761	·792	·794	·791	·781	·760	·731	·706	·685	·665	·733
30	·658	·674	·696	·721	·750	·766	·779	·756	·739	·729	·725	·724	·733	·747	·771	·793	·805	·802	·787	·767	·740	·714	·702	·692	·740
31																									
Means	0·637	·653	·678	·702	·721	·738	·743	·735	·722	·708	·700	·696	·702	·717	·736	·752	·765	·765	·753	·729	·706	·682	·659	·644	0·710

JUNE 1857

* The Numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means and the numbers on the heads of them are corrections of interpolations.

BAROMETRIC PRESSURE—(Corrected)

Barometer at 32°=29 English Inches + the Number in the Table

JULY—1857

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
										—0·020		—0·035													
1	0·687	0·696	0·712	0·726	0·736	0·754	0·760	0·755	0·748	0·734	0·723	0·721	0·725	0·735	0·746	0·762	0·774	0·760	0·743	0·713	0·696	0·670	0·653	0·634	0·723
2	·640	·675	·692	·733	·744	·744	·761	·758	·740	·728	·719	·717	·722	·728	·755	·764	·779	·772	·763	·727	·702	·673	·651	·635	·722
3	·624	·630	·658	·684	·702	·712	·730	·727	·714	·697	·684	·683	·689	·713	·727	·744	·758	·757	·741	·712	·686	·655	·631	·610	·695
4	·614	·623	·647	·696	·707	·753	·740	·723	·705	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	·693	·684	·687	·696	·706	·722	·736	·735	·744	·727	·700	·678	·659	·631	·622	·693
6	·616	·633	·651	·675	·687	·708	·717	·707	·697	·690	·686	·684	·689	·703	·732	·744	·752	·752	·754	·731	·704	·678	·656	·633	·695
7	·626	·643	·669	·709	·726	·740	·743	·741	·730	·723	·719	·718	·723	·732	·750	·767	·774	·773	·763	·741	·716	·696	·671	·650	·718
8	·644	·661	·683	·709	·725	·752	·756	·759	·755	·751	·751	·751	·758	·773	·788	·791	·796	·793	·782	·763	·727	·709	·692	·665	·739
9	·693	·710	·715	·735	·773	·791	·801	·781	·757	·748	·742	·738	·740	·744	·759	·777	·795	·795	·789	·764	·734	·710	·678	·661	·747
10	·651	·662	·671	·696	·722	·752	·771	·760	·735	·723	·714	·712	·717	·726	·741	·750	·752	·752	·736	·708	·681	·663	·638	·636	·711
11	·622	·631	·660	·681	·699	·727	·752	·742	·738	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	·718	·702	·705	·714	·721	·732	·743	·757	·754	·738	·718	·694	·668	·653	·639	·705
13	·630	·649	·676	·698	·722	·739	·749	·738	·733	·721	·713	·713	·719	·728	·744	·750	·765	·764	·750	·730	·707	·676	·660	·638	·713
14	·630	·647	·656	·679	·701	·715	·721	·731	·706	·702	·702	·704	·712	·715	·735	·740	·752	·746	·727	·698	·672	·646	·618	·607	·694
15	·615	·628	·653	·671	·690	·704	·727	·702	·689	·671	·657	·654	·657	·674	·695	·715	·728	·719	·692	·671	·655	·624	·608	·591	·670
16	·601	·610	·637	·655	·667	·682	·690	·685	·665	·654	·647	·644	·647	·657	·681	·701	·719	·715	·702	·681	·657	·631	·616	·608	·661
17	·599	·620	·638	·673	·700	·700	·709	·704	·690	·674	·661	·658	·661	·676	·700	·712	·719	·721	·708	·697	·669	·651	·622	·615	·674
18	·607	·626	·644	·674	·700	·735	·740	·728	·717	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	·725	·736	·731	·733	·739	·769	·774	·785	·781	·766	·747	·726	·715	·698	·685	·720
20	·675	·686	·717	·737	·760	·777	·772	·764	·752	·744	·740	·730	·729	·734	·767	·783	·791	·792	·777	·740	·717	·683	·665	·660	·737
21	·659	·695	·709	·718	·740	·764	·778	·773	·768	·767	·769	·756	·749	·748	·768	·787	·813	·815	·802	·775	·743	·727	·705	·684	·751
22	·671	·691	·725	·744	·774	·792	·784	·770	·763	·754	·749	·753	·763	·737	·751	·753	·776	·783	·794	·788	·769	·750	·715	·696	·752
23	·692	·733	·743	·764	·766	·777	·784	·766	·761	·754	·751	·750	·756	·763	·784	·786	·795	·808	·801	·781	·765	·741	·722	·705	·760
24	·692	·701	·727	·765	·791	·804	·820	·808	·803	·786	·773	·760	·753	·761	·780	·803	·809	·815	·799	·767	·752	·726	·704	·675	·766
25	·674	·692	·706	·736	·762	·768	·782	·774	·761	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	·744	·731	·723	·721	·730	·738	·764	·782	·794	·795	·788	·776	·751	·734	·721	·748
27	·716	·733	·758	·779	·808	·832	·832	·796	·747	·749	·754	·754	·761	·775	·789	·796	·803	·805	·799	·770	·761	·754	·747	·735	·773
28	·730	·741	·771	·792	·804	·815	·818	·809	·778	·763	·751	·751	·757	·783	·797	·805	·817	·813	·797	·769	·746	·728	·695	·687	·772
29	·681	·691	·717	·730	·745	·756	·766	·745	·700	·694	·691	·690	·696	·712	·728	·746	·752	·743	·727	·710	·679	·661	·645	·621	·709
30	·608	·622	·636	·679	·688	·697	·687	·683	·667	·661	·658	·660	·668	·687	·705	·714	·723	·727	·704	·687	·663	·643	·619	·599	·670
31	·603	·630	·669	·687	·710	·740	·742	·730	·718	·713	·711	·711	·718	·730	·741	·764	·763	·761	·751	·721	·696	·663	·650	·647	·707
Means	0·648	·665	·687	·712	·731	·749	·757	·747	·731	·722	·715	·713	·718	·727	·745	·758	·769	·769	·757	·733	·710	·687	·666	·650	0·719

AUGUST 1857

										—0·016		—0·030													
1	0·642	0·654	0·684	0·702	0·726	0·751	0·745	0·734	0·738	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	0·754	0·773	0·778	0·789	0·797	0·811	0·840	0·851	0·847	0·843	0·825	0·798	0·774	0·747	0·727	0·764
3	·726	·736	·751	·785	·811	·837	·851	·842	·830	·811	·795	·798	·807	·820	·828	·848	·867	·858	·842	·821	·787	·760	·732	·713	·802
4	·713	·720	·725	·758	·773	·786	·793	·800	·790	·779	·771	·771	·777	·804	·829	·841	·843	·831	·808	·783	·758	·727	·705	·685	·774
5	·680	·696	·717	·752	·781	·798	·794	·778	·770	·764	·761	·762	·769	·785	·803	·816	·820	·826	·822	·802	·776	·747	·722	·711	·769
6	·711	·722	·731	·755	·783	·808	·806	·791	·782	·775	·772	·771	·776	·789	·801	·814	·816	·814	·804	·780	·757	·737	·706	·693	·771
7	·686	·715	·727	·735	·764	·779	·781	·785	·766	·760	·757	·759	·766	·780	·788	·793	·805	·796	·7e5	·765	·725	·708	·676	·662	·753
8	·665	·669	·679	·706	·727	·772	·780	·769	·762	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	·754	·749	·750	·756	·766	·787	·807	·818	·808	·787	·757	·727	·702	·676	·662	·743
10	·656	·663	·673	·690	·724	·736	·742	·741	·738	·730	·726	·726	·731	·742	·758	·776	·786	·781	·755	·718	·701	·669	·653	·640	·719
11	·642	·645	·667	·693	·728	·757	·748	·735	·720	·713	·710	·713	·722	·737	·755	·769	·781	·779	·771	·741	·711	·686	·666	·653	·718
12	·651	·664	·679	·706	·729	·743	·746	·733	·731	·724	·721	·721	·726	·734	·748	·772	·782	·784	·770	·736	·702	·673	·647	·620	·718
13	·624	·646	·659	·688	·733	·764	·761	·735	·702	·695	·691	·691	·697	·715	·745	·768	·778	·778	·763	·732	·704	·668	·636	·634	·709
14	·639	·654	·669	·716	·743	·767	·773	·786	·762	·754	·749	·750	·757	·771	·787	·805	·814	·812	·780	·758	·727	·700	·670	·660	·742
15	·667	·687	·712	·736	·760	·774	·772	·764	·752	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	·727	·705	·706	·713	·719	·729	·750	·749	·739	·723	·700	·665	·648	·615	·597	·713
17	·596	·603	·622	·647	·708	·734	·729	·728	·716	·712	·712	·713	·719	·733	·747	·772	·775	·784	·776	·753	·723	·694	·659	·644	·708
18	·633	·650	·677	·727	·752	·774	·767	·756	·749	·736	·726	·726	·731	·744	·764	·790	·794	·798	·784	·775	·752	·721	·696	·673	·737
19	·673	·683	·692	·732	·752	·766	·765	·759	·753	·748	·746	·747	·754	·765	·777	·788	·796	·804	·778	·758	·719	·695	·661	·662	·741
20	·659	·670	·697	·715	·742	·772	·781	·777	·763	·751	·743	·743	·748	·761	·778	·789	·810	·802	·792	·760	·735	·706	·685	·671	·744
21	·673	·684	·703	·727	·746	·790	·774	·768	·755	·746	·740	·738	·742	·757	·777	·800	·812	·817	·796	·773	·750	·725	·712	·703	·750
22	·700	·707	·721	·756	·778	·823	·844	·807	·788	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	·789	·794	·794	·800	·815	·831	·845	·852	·852	·840	·818	·783	·749	·732	·720	·789
24	·716	·727	·754	·779	·808	·810	·822	·819	·790	·786	·786	·790	·800	·808	·823	·840	·843	·840	·829	·796	·760	·739	·719	·705	·787
25	·701	·716	·737	·766	·785	·815	·828	·818	·808	·801	·798	·788	·784	·782	·792	·812	·829	·823	·809	·785	·753	·719	·702	·680	.776
26	·681	·704	·717	·768	·803	·810	·799	·789	·779	·767	·758	·758	·764	·780	·800	·835	·841	·837	·825	·799	·773	·756	·728	·722	·775
27	·720	·734	·761	·784	·812	·825	·825	·825	·819	·815	·814	·813	·817	·826	·843	.862	·872	·873	·858	·826	·789	·761	·758	·748	·808
28	·749	·760	·776	·795	·824	·847	·854	·839	·815	·803	·794	·798	·807	·830	·845	·867	·880	·870	·850	·821	·786	·756	·721	·718	·809
29	·712	·729	·754	·782	·808	·821	·826	·815	·806	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	·786	·769	·770	·777	·786	·800	·830	·840	·836	·813	·781	·754	·718	·696	·693	·779
31	·692	·700	·724	·747	·787	·797	·790	·786	·781	·774	·771	·781	·796	·806	·814	·843	·854	·842	·830	·805	·772	·746	·726	·720	·778
Means	0·677	·690	·708	·736	·765	·787	·788	·780	·768	·760	·755	·756	·762	·775	·791	·810	·820	·817	·801	·776	·746	·719	·694	·681	0·757

* The Numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means and the numbers on the heads of them are corrections of interpolations.

BAROMETRIC PRESSURE—(Corrected)

Barometer at 32°=29 English Inches+the number in the Table

SEPTEMBER 1857

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
										−0·027*		−0·057*													
1	0·721	0·750	0·767	0·781	0·792	0·814	0·822	0·836	0·832	0·812	0·797	0·795	0·805	0·827	0·826	0·846	0·856	0·849	0·834	0·814	0·783	0·756	0·729	0·720	0·798
2	·726	·740	·753	·775	·808	·833	·826	·806	·799	·788	·782	·779	·787	·799	·821	·845	·864	·864	·855	·829	·796	·762	·729	·710	·795
3	·714	·725	·751	·769	·791	·810	·824	·820	·796	·780	·770	·773	·788	·795	·813	·837	·847	·842	·831	·811	·780	·745	·722	·712	·785
4	·718	·734	·748	·770	·790	·803	·806	·814	·804	·790	·781	·779	·789	·797	·816	·835	·836	·835	·824	·800	·769	·741	·720	·703	·783
5	·702	·714	·740	·749	·766	·802	·813	·807	·790	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	·768	·752	·749	·758	·763	·777	·810	·821	·815	·807	·789	·763	·732	·707	·694	·766
7	·692	·702	·714	·729	·754	·770	·779	·777	·777	·758	·744	·747	·762	·772	·791	·806	·822	·818	·808	·781	·748	·714	·702	·684	·756
8	·698	·710	·733	·770	·793	·812	·818	·804	·795	·779	·769	·766	·775	·779	·805	·841	·858	·855	·830	·804	·764	·729	·712	·696	·779
9	·701	·723	·732	·750	·771	·775	·769	·764	·765	·758	·756	·763	·782	·800	·808	·826	·843	·841	·820	·799	·760	·725	·704	·696	·768
10	·694	·717	·751	·770	·793	·814	·814	·804	·791	·788	·790	·792	·805	·823	·845	·870	·879	·873	·842	·825	·778	·763	·745	·740	·796
11	·747	·763	·789	·815	·829	·841	·857	·847	·824	·818	·817	·817	·828	·842	·861	·886	·892	·885	·868	·842	·812	·784	·767	·745	·824
12	·760	·779	·812	·827	·862	·867	·873	·861	·847	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	·793	·744	·744	·756	·767	·801	·825	·839	·836	·823	·803	·768	·738	·721	·716	·798
14	·710	·731	·770	·809	·818	·866	·874	·848	·818	·814	·815	·811	·818	·807	·836	·857	·881	·876	·864	·839	·815	·798	·777	·768	·818
15	·774	·786	·802	·837	·849	·876	·860	·857	·839	·820	·807	·801	·807	·819	·837	·858	·871	·874	·879	·867	·843	·809	·772	·736	·828
16	·739	·757	·765	·794	·802	·821	·826	·810	·767	·760	·758	·755	·764	·775	·798	·821	·832	·818	·797	·779	·742	·721	·709	·691	·775
17	·677	·690	·712	·733	·754	·776	·782	·760	·739	·726	·719	·711	·715	·731	·748	·753	·769	·776	·768	·733	·709	·688	·672	·658	·729
18	·659	·674	·689	·717	·741	·762	·764	·748	·732	·722	·718	·714	·722	·740	·765	·795	·818	·817	·818	·783	·739	·703	·687	·677	·738
19	·674	·703	·735	·756	·786	·814	·812	·793	·782	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	·807	·837	·829	·833	·867	·895	·901	·926	·930	·920	·890	·859	·827	·807	·796	·824
21	·794	·810	·820	·833	·853	·880	·888	·887	·879	·872	·870	·872	·886	·893	·915	·936	·951	·940	·922	·892	·864	·838	·817	·806	·872
22	·811	·822	·842	·865	·889	·903	·905	·900	·916	·906	·902	·896	·901	914	·942	·958	·971	·974	·945	·920	·885	·857	·835	·833	·895
23	·844	·851	·873	·882	·905	·916	·915	·896	·892	·889	·891	·886	·892	·901	·921	·933	·937	·937	·918	·884	·848	·821	·803	·805	·885
24	·823	·835	·850	·891	·914	·930	·937	·919	·907	·899	·897	·896	·907	·923	·927	·944	·955	·947	·922	·892	·869	·839	·829	·822	·895
25	·828	·840	·865	·893	·920	·937	·928	·928	·921	·910	·905	·900	·907	·925	·946	·957	·968	·963	·934	·902	·865	·835	·819	·810	·900
26	·814	·829	·854	·874	·904	·921	·914	·894	·889	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	·860	·836	·829	·833	·845	·863	·885	·889	·885	·865	·838	·806	·777	·762	·768	·851
28	·784	·808	·829	·856	·872	·878	·880	·873	·843	·839	·841	·838	·847	·857	·878	·898	·910	·900	·873	·845	·811	·781	·770	·771	·845
29	·788	·816	·839	·858	·886	·885	·876	·878	·869	·855	·847	·835	·834	·841	·869	·895	·897	·886	·872	·846	·817	·789	·765	·782	·847
30	·787	·806	·820	·846	·864	·889	·884	·877	·872	·845	·824	·820	·828	·837	·857	·874	·883	·877	·858	·828	·803	·778	·761	·752	·836
31																									
Means	0·745	·762	·783	·806	·827	·846	·848	·839	·826	·814	·807	·804	·813	·825	·845	·865	·877	·874	·858	·832	·800	·771	·752	·742	0·815

OCTOBER 1857

										−0·037*		−0·047*													
1	0·772	0·800	0·811	0·840	0·853	0·867	0·874	0·843	0·839	0·826	0·820	0·816	0·821	0·840	0·852	0·880	0·889	0·880	0·866	0·838	0·810	0·784	0·763	0·758	0·831
2	·770	·785	·807	·844	·875	·885	·890	·879	·906	·870	·842	·840	·848	·854	·881	·899	·902	·907	·882	·855	·834	·808	·779	·779	·851
3	·804	·823	·831	·867	·896	·910	·902	·897	·886	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	·870	·861	·868	·884	·898	·930	·950	·947	945	·924	·901	·857	·832	·825	·816	·880
5	·823	·832	·869	·886	·922	·923	·925	·911	·900	·886	·880	·880	·890	·898	·919	·932	·941	·942	·915	·882	·850	·820	·801	·820	·885
6	·823	·828	·846	·871	·885	·890	·887	·870	·843	·839	·842	·842	·852	·866	·887	·898	·908	·905	·883	·854	·825	·808	·797	·794	·856
7	·801	·816	·839	·864	·894	·908	·902	·889	·875	·867	·867	·866	·874	·882	·915	·933	·937	·937	·922	·885	·863	·844	·829	·822	·876
8	·828	·835	·865	·906	·937	·935	·940	·921	·910	·896	·890	·888	·896	·902	·928	·938	·951	·952	·939	·912	·887	·863	·852	·842	·901
9	·846	·852	·867	·904	·937	·955	·951	·934	·924	·906	·895	·893	·900	·914	·931	·956	·964	·958	·937	·909	·883	·853	·833	·824	·905
10	·830	·840	·857	·884	·896	·901	·919	·901	·876	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	·841	·814	·806	·807	·833	·850	·901	·921	·929	·910	·881	·840	·810	·799	·793	·860
12	·777	·802	·819	·848	·862	·877	·871	·867	·840	·826	·820	·803	·796	·804	·839	·858	·872	·888	·884	·847	·823	·805	·783	·776	·833
13	·783	·810	·827	·844	·883	·895	·889	·876	·860	·848	·843	·848	·862	·876	·914	·940	·951	971	·955	·931	·905	·891	·878	·875	·881
14	·877	·890	·918	·937	·957	·966	·968	·953	·954	·936	·925	·921	·927	·937	·957	·994	1·005	1·017	1·012	·964	·958	·937	·919	·904	·947
15	·883	·870	·891	·893	·909	·926	·926	·909	·896	·877	·865	·859	·862	·872	·902	·921	0·950	0·972	0·944	·905	·868	·843	·819	·815	·891
16	·816	·826	·841	·884	·904	·912	·901	·896	·881	·866	·858	·859	·869	·884	·905	·953	·970	·962	·951	·908	·886	·846	·827	·817	·884
17	·821	·825	·841	·882	·898	·931	·925	·911	·899	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	·876	·861	·860	·869	·889	·928	·939	·957	·956	·940	·905	·880	·856	·830	·835	·888
19	·841	·848	·875	·895	·919	·918	·909	·891	·879	·863	·855	·852	·858	·878	·906	·936	·947	·943	·928	900	·888	·854	·832	·830	·885
20	·823	·838	·857	·886	·907	·917	·917	·901	·887	·867	·855	·852	·859	·880	·904	·922	·937	·943	·915	·881	·862	·843	·814	·824	·879
21	·834	·850	·859	·880	·902	·894	·912	·905	·895	·879	·870	·857	·854	879	·906	·924	·940	·947	·941	·916	·878	·851	·838	·843	·886
22	·846	·863	·881	·897	·914	·913	·904	·881	·858	·845	·839	·845	·860	·872	·879	·906	·935	·942	·913	·865	·849	·815	·790	·794	·871
23	·806	·826	·853	·876	·896	·902	·889	·876	·835	·824	·820	·820	·829	·862	·877	·896	·890	·889	·858	·835	·821	·797	·787	·790	·848
24	·786	·794	·808	·829	·841	·864	·856	·843	·803	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	·721	·647	·640	·643	·667	·688	·710	·728	·724	·730	·689	·693	·684	·686	·696	·740
26	·682	·708	·728	·760	·784	·785	·779	·773	·761	·741	·728	·728	·738	·758	·791	·796	·821	·818	·804	·782	·766	·737	·729	·736	·760
27	·747	·752	·768	·794	·833	·839	·815	·808	·797	·779	·768	·767	·775	·786	·806	·824	·841	·849	·843	·810	·793	·750	·746	·750	·793
28	·768	·780	·799	·818	·829	·826	·809	·800	·781	·766	·758	·756	·764	·787	·816	·838	·858	·856	·842	·819	·778	·747	·754	·764	·796
29	·773	·796	·800	·827	·848	·843	·829	·809	·784	·779	·781	·778	·785	·802	·833	·852	·854	·857	·848	·819	·787	·752	·738	·740	·805
30	·748	·770	·784	·802	·812	·812	·786	·778	·769	·765	·768	·764	·769	·786	·806	·828	·836	·832	·815	·798	·776	·750	·741	·729	·784
31																									
Means	0·804	·818	·836	·862	·884	·892	·887	·874	·859	·841	·830	·827	·834	·850	·875	·897	·910	·912	·896	·865	·841	·815	·800	·799	0·854

* The Numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means and the numbers on the heads of them are corrections of interpolations.

BAROMETRIC PRESSURE—(Corrected)

Barometer at 32°=29 English Inches+the number in the Table

	Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
	Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
		In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In	In.	In.	In.	In.	In.
											−0*024		−0*059													
NOVEMBER 1857	October 31	0·708	0·736	0·750	0·772	0·773	0·792	0·784	0·773	0·764	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	1	—	—	—	—	—	—	—	—	—	0·721	0·682	0·661	0·651	0·685	0·716	0·755	0·784	0·782	0·777	0·751	0·739	0·726	0·718	0·732	0·739
	2	·745	·772	·797	·827	·854	·880	·867	·853	·840	·829	·822	·821	·832	·859	·884	·908	·922	·929	·913	·897	·876	·842	·830	·828	·851
	3	·840	·858	·887	·909	·937	·943	·947	·942	·909	·895	·885	·888	·902	·916	·945	·966	·987	·986	·975	·945	·913	·885	·870	·860	·916
	4	·864	·886	·920	·942	·957	·971	·954	·946	·905	·897	·893	·899	·917	·922	·938	·957	·972	·972	·958	·928	·900	·881	·870	·860	·921
	5	·870	·891	·914	·934	·944	·956	·944	·942	·922	·909	·900	·902	·916	·930	·950	·966	·979	·975	·951	·919	·888	·866	·852	·848	·919
	6	·853	·872	·893	920	934	·939	·932	·925	·916	·898	·885	·888	·902	·920	·942	·965	·972	·973	·952	·923	·901	·881	·862	·856	·913
	7	·865	·877	·901	·922	·942	·942	·927	·924	·908	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	8	—	—	—	—	—	—	—	—	—	·929	·954	·959	·975	·993	1·012	1·033	1·059	1·063	1·046	1·014	·982	·955	·945	·941	·961
	9	·949	·959	·979	1·005	1·016	1·014	1·008	1·001	·973	·965	·962	·960	·969	·983	0·989	·005	·019	·013	0·997	0·969	·941	·910	·891	·891	·973
	10	·901	·920	·942	0·960	0·971	0·977	0·949	0·946	·940	·930	·925	·926	·938	·948	·971	0·998	·013	·007	·984	·960	·939	·916	·903	·903	·949
	11	·916	·929	·945	·970	·985	·996	·992	·989	·980	·972	·968	·969	981	1·005	1·027	1·050	·066	·068	1·044	1·024	1·002	·979	·961	·961	·991
	12	·977	·991	1·014	1·039	1·053	1·062	1·060	1·053	1·030	1·016	1·006	1·012	1·029	·052	·075	·094	·115	·115	·098	·067	·035	1·002	·990	·994	1·041
	13	1·005	1·026	·039	·066	·074	·089	·087	·083	·062	·049	·041	·028	·026	·043	·060	·082	·105	·100	·085	·050	·019	0·993	·981	·975	·049
	14	0·984	0·993	·007	·039	·049	·048	·031	·015	0·989	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	15	—	—	—	—	—	—	—	—	—	0·992	0·999	0·988	0·989	·000	·015	·044	·066	·079	·073	·052	·012	·987	·976	·979	·017
	16	1·002	1·006	·018	·058	·072	·079	·066	·061	1·045	1·019	·998	·988	·989	·005	·018	·037	·058	·056	·046	·021	0·996	·971	·961	·965	·022
	17	0·981	0·994	·018	·040	·046	·043	·032	·012	·004	0·984	·969	·955	·953	0·971	0·995	·016	·034	·027	·009	0·988	·957	·928	·927	·935	0·992
	18	·940	·959	0·994	·021	·034	·037	·016	·009	·000	·973	·950	·948	·957	·972	·998	·017	·042	·039	·025	·999	·966	·937	·925	·933	·987
	19	·945	·964	·985	0·998	·018	·014	·008	·001	0·981	965	·954	·950	·958	·975	·987	·014	·025	·026	·018	·987	·956	·933	·933	.934	·980
	20	·943	·952	·979	1·002	·023	·017	0·984	0·977	·968	·951	·939	·936	·944	·959	·967	0·994	·019	·017	0·993	·958	·922	·893	·882	·887	·963
	21	·901	·914	·930	0·948	0·962	0·969	·968	·961	·936	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	22	—	—	—	—	—	—	—	—	—	·886	·841	·839	·849	·884	·908	·938	0·947	·953	·921	·895	·862	·845	·838	·835	·905
	23	·849	·865	·893	·906	·919	·930	·909	·897	·889	·874	·864	·861	·869	·902	·924	·968	·985	·988	·960	·925	·897	·878	·863	·863	·903
	24	·886	·915	·938	·950	·955	·950	·939	·924	·919	·911	·907	·905	·915	·932	·954	·980	·996	·989	·977	·943	903	·884	·863	·861	·929
	25	·879	·892	·922	·943	·955	·956	·936	·918	·904	·886	·873	·872	·882	·903	·918	·927	·946	·935	·911	·883	845	·816	·799	·803	·896
	26	·811	·833	·854	·894	·912	·922	·914	·903	·890	·875	·864	·863	·873	·896	·913	·947	·959	·961	·946	·912	·891	·858	·851	·858	·892
	27	·876	·893	·909	·944	·959	·959	·952	·945	·944	·933	·927	·925	·935	·947	·967	·999	1·019	1·016	1·005	·978	·957	·936	·920	·936	·949
	28	·951	·968	·982	1·006	1·018	1·024	1·018	1·010	1·001	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	29	—	—	—	—	—	—	—	—	—	·990	·983	·980	·989	1·005	1·016	1·036	·059	·055	·047	1·002	·957	·938	·916	·918	·995
	30	·933	·943	·972	·002	·014	·012	·007	·001	0·994	·976	·962	·963	·975	0·992	·014	·038	·059	·063	·059	·036	1·010	·993	·986	·972	.999
	Means	0·899	·916	·938	·962	·976	·982	·970	·962	·947	·932	·921	·919	·927	·946	·966	·990	1·008	1·007	0·992	·963	·933	·909	·897	·897	·948
											−0·013		−0·06													
DECEMBER 1857	1	0·981	0·991	1·011	1·035	1·058	1·062	1 054	1·039	1·015	1·005	0·997	0·993	1·001	1·015	1·033	1·067	1·089	1·095	1·074	1·057	1·031	1·005	0·991	0·990	1·029
	2	·998	1·007	·031	·053	·068	·072	·064	·053	·033	·017	1·004	1·003	·013	·027	·050	·081	·100	·098	·084	·061	·025	0·997	·984	·982	·038
	3	·990	·003	·031	·054	·067	·049	·049	·033	·023	·009	0·998	·000	·013	·035	·052	·080	·104	·102	·096	·080	·052	1·023	1·0	1·003	·040
	4	1·018	·042	·061	·085	·106	·109	·087	·077	·072	·056	1·042	·046	·061	·071	·086	·108	·118	·119	·103	·068	·044	·005	0·993	0·998	·066
	5	·007	·021	·036	·065	·088	·084	·074	·068	·060	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	6	—	—	—	—	—	—	—	—	—	·012	0·967	·958	0·960	0·979	·001	·023	·045	·044	·021	·001	0·977	0·947	·934	·937	·013
	7	0·951	0·971	0·989	·013	·020	·016	·010	0·987	0·975	0·960	·948	·946	·954	·962	0·986	·013	·029	·025	·014	0·985	·949	·923	·911	·917	·977
	8	·939	·964	·987	·007	·021	·029	·021	1·003	·996	·974	·955	·950	·957	·977	·996	·020	·048	·039	·032	1·013	·981	·952	·942	·942	·989
	9	·950	·964	·987	·010	·026	·024	·014	·003	·976	·966	·959	·962	·976	·981	1·005	·035	·053	·046	·019	0·989	·959	·935	·920	·920	·987
	10	·927	·938	·963	0·967	0·992	0·996	0·985	0·954	·947	·928	·912	·899	·898	·908	0·902	0·909	0·930	0·934	0·919	·906	·892	·865	·842	·843	·923
	11	·855	·871	·899	·915	·947	·952	·949	·928	·923	·915	·909	·912	·926	·941	·968	·995	1·016	1·018	1·011	·987	·961	·938	·931	·929	·941
	12	·942	·968	·992	1·020	1·046	1·063	1·052	1·037	1·022	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	13	—	—	—	—	—	—	—	—	—	1·010	1·000	·996	1·003	1·014	1·041	1·068	·087	·097	·079	1·057	1·020	·997	·990	·984	·024
	14	·988	1·013	1·031	·052	·071	·075	·065	·058	·039	·025	·014	·007	·011	·039	·052	·072	·088	·091	·072	·053	·026	·991	·982	·982	·037
	15	·990	0·999	·015	·044	·058	·056	·059	·038	·018	·000	0·985	0·980	0·986	·003	·023	·049	·071	·074	·060	·036	·011	·973	·949	·945	·018
	16	·955	·972	0·991	·015	·020	·028	·021	·006	0·994	0·977	·962	·964	·977	·005	·028	·060	·088	·101	·072	·045	·013	·989	·974	·970	·009
	17	·986	1·004	1·020	·039	·054	·067	·059	·043	1·036	1·021	1·008	1·004	1·012	·032	·048	·060	·072	·072	·063	·032	0·995	·972	·960	·955	·026
	18	·962	0·979	·003	·021	·037	·043	·036	·026	·019	·006	0·996	0·990	0·995	·012	·019	·025	·053	·061	·043	·016	·976	·958	·950	·943	·007
	19	·954	·965	0·981	·000	·014	·024	·016	·007	0·987	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20	—	—	—	—	—	—	—	—	—	0·978	·971	·967	·974	0·987	·011	·047	051	·055	·047	·022	·996	·970	·955	·950	0·997
	21	·962	·978	1·001	·018	·035	·044	·036	·019	1·016	1·000	·985	·977	·980	1·002	·021	·051	·074	·078	·068	·047	1·020	·991	·974	·972	1·015
	22	·980	·987	0·998	·019	·032	·040	·033	·027	·017	·009	1·004	1·002	1·012	·020	·035	·068	·085	·093	·076	·052	·017	·982	·959	·955	·021
	23	·959	·977	·991	·016	·024	·029	·022	·013	·007	0·992	0·980	0·979	0·989	0·999	·015	·049	·074	077	·065	·037	·010	·983	·966	·966	·009
	24	·980	·992	1·012	·036	·048	·054	·052	·045	·031	1·019	1·009	1·010	1·023	1·030	·052	·073	·100	·105	·103	·073	·052	1·020	1·009	·999	·039
	25	1·007	1·027	·045	·055	·072	·081	·079	·069	·063	·047	·034	·029	·036	·054	·072	·104	·117	·118	·105	·087	·059	·030	·007	1·001	·058
	26	·007	·016	·025	·051	·076	·096	·088	·076	·062	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	27	—	—	—	—	—	—	—	—	—	·030	·000	0·998	·007	·021	·040	·075	098	·107	·093	·063	·041	·010	0·996	0·998	·045
	28	·010	·027	·052	·070	·092	·099	·091	·083	·067	·049	·033	1·029	·036	·050	·071	·097	·116	·115	·103	·088	·060	·030	1·018	1·016	·063
	29	·032	·047	·075	·107	·132	·134	·121	·117	·107	·086	·068	·061	·065	·073	·085	·095	·118	·117	·099	·072	·044	·018	·007	·009	·079
	30	·022	·039	·058	·083	·107	·115	·109	·100	·087	·076	·068	·060	·063	·080	·101	·121	·142	·146	·130	·104	·067	·043	·028	·024	·082
	31	·044	·054	·074	·090	·116	·116	·105	·099	·088	·080	·074	·065	·067	·077	·099	·119	·132	·140	·119	·099	·065	·047	·028	·028	·084
	Means	0·978	·993	1·013	·035	·053	·058	·050	·037	·025	·009	0·996	·992	1·000	·015	·033	·058	·078	·080	·066	·042	·013	0·985	·971	·969	1·023

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means, and the numbers on the heads of them are corrections of interpolations.

DRY STANDARD THERMOMETER No. 7

(Corrected to the Kew Observatory Standard Thermometer)

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
JANUARY—1857	o	o	o	o	o	o	o	o	o	* o	o	* o	o	o	o	o	o	o	o	o	o	o	o	o	o
1	78·2	77·2	76·7	76·6	76·5	76·4	76·3	76·0	75·8	75·6	75·4	74·9	74·4	74·3	74·8	76·9	78·3	78·8	80·2	80·3	80·3	79·0	78·5	78·3	77·1
2	77·5	76·5	76·3	76·1	75·4	75·1	75·0	74·3	73·1	72·3	71·6	71·1	70·5	69·7	69·6	71·1	75·0	78·8	79·9	80·2	80·3	80·7	78·6	78·8	75·3
3	78·1	76·7	76·2	76·2	75·5	75·5	75·3	74·9	72·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	72·5	72·3	72·0	71·7	71·4	71·4	74·0	76·5	79·0	79·5	79·8	80·1	81·1	80·1	79·3	75·9
5	78·5	77·3	76·4	76·2	76·4	76·4	75·8	75·4	74·5	73·5	72·5	72·0	71·4	72·1	71·6	73·9	77·0	78·4	79·3	79·6	79·8	79·5	80·1	79·1	76·1
6	78·3	77·1	76·1	75·5	75·3	74·9	74·4	74·3	72·6	73·2	73·9	72·2	70·4	68·6	68·3	71·5	76·7	77·9	79·3	79·8	80·1	79·5	79·6	79·3	75·4
7	78·2	76·8	76·0	75·6	75·3	75·3	75·1	74·5	73·7	73·0	72·4	71·9	71·4	72·1	70·2	73·5	77·0	78·2	79·1	79·7	80·3	80·8	80·1	79·3	75·8
8	78·1	76·7	75·4	74·8	74·5	72·6	72·2	72·0	72·1	73·3	74·6	72·9	71·2	70·9	70·4	72·7	74·2	77·6	79·1	80·5	80·5	80·1	80·1	79·3	75·2
9	78·3	77·7	76·4	76·2	76·0	75·5	75·3	75·2	75·2	74·8	74·5	74·4	74·2	71·7	70·9	73·6	76·1	79·0	79·6	80·6	80·7	80·5	80·5	80·1	76·5
10	78·6	77·5	76·5	76·3	76·2	76·1	75·9	75·6	75·1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	75·2	75·3	75·2	75·1	74·7	75·0	76·8	78·5	79·5	81·1	81·1	80·3	80·3	80·3	79·8	77·3
12	78·8	77·5	76·5	76·4	76·3	76·3	75·5	75·5	75·1	74·4	73·7	71·2	68·7	68·4	68·3	72·6	77·4	78·3	79·7	80·9	80·8	80·6	80·0	79·3	75·9
13	78·1	77·1	76·4	76·0	75·8	75·7	74·1	74·6	74·6	74·8	75·0	74·8	74·6	74·6	74·4	75·3	77·9	79·3	79·3	80·1	80·3	80·3	79·5	79·1	76·7
14	78·2	76·4	75·3	75·1	75·0	75·0	74·9	74·7	73·6	71·9	70·2	70·0	69·7	69·6	69·4	70·7	73·7	76·3	78·0	79·2	80·1	79·7	79·1	79·0	74·8
15	77·7	76·4	75·4	74·8	74·5	74·8	74·8	74·7	75·2	74·5	73·8	73·4	73·0	71·6	71·9	71·7	71·4	74·1	74·9	77·5	79·3	79·5	79·3	78·9	75·1
16	78·3	77·2	76·0	75·5	75·8	75·2	74·6	74·3	73·7	72·0	70·4	69·7	69·0	68·9	68·7	69·9	73·1	76·1	78·2	79·2	79·3	79·5	78·5	78·2	74·6
17	77·3	75·7	74·5	74·0	73·1	73·4	72·6	70·6	68·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	68·1	67·8	67·7	67·6	66·9	67·1	69·6	73·4	76·1	77·8	78·3	79·1	79·8	79·1	79·1	73·2
19	77·3	76·3	75·3	74·6	74·6	74·5	74·4	74·1	73·5	71·9	70·4	69·2	68·0	67·7	67·8	70·4	74·0	76·3	78·0	79·5	79·5	79·2	79·1	78·3	74·3
20	77·3	76·3	75·4	75·4	74·6	74·3	74·0	73·7	71·2	69·5	67·9	67·0	66·2	65·9	66·6	70·2	73·3	76·5	78·6	78·5	79·3	79·3	78·5	78·3	73·7
21	77·3	76·3	75·3	75·2	74·4	74·3	73·8	73·3	72·2	69·8	67·4	66·7	66·0	65·5	65·1	69·1	72·9	76·3	77·9	78·4	78·7	78·7	78·2	77·5	73·3
22	76·5	75·3	74·2	73·8	73·2	72·9	71·5	70·9	69·3	68·1	66·9	66·4	65·8	65·1	65·3	69·0	72·7	76·0	77·0	78·3	78·3	79·1	78·6	77·7	72·6
23	76·7	75·1	73·6	73·3	72·5	71·5	70·6	69·0	66·2	65·3	64·5	64·9	65·2	63·9	64·9	67·9	71·9	74·6	75·7	77·4	78·1	78·3	78·1	77·1	71·5
24	76·5	75·3	73·6	73·2	71·6	72·0	71·6	71·6	68·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	69·5	70·6	70·2	69·8	69·5	69·4	71·5	74·5	77·3	79·1	79·5	80·2	80·5	80·1	79·5	74·0
26	78·1	77·2	76·0	75·4	75·3	75·2	75·2	74·6	74·9	74·9	74·9	74·7	74·4	73·4	73·4	74·4	76·5	78·7	79·5	80·0	80·9	80·8	80·1	80·1	76·6
27	78·8	77·3	76·4	75·7	75·4	75·4	75·3	75·3	75·2	75·3	75·5	75·0	74·4	74·5	73·7	75·3	77·5	80·3	80·1	80·6	80·1	81·1	81·1	79·5	77·0
28	78·5	77·8	76·5	75·7	76·3	75·5	75·3	74·5	73·4	72·9	72·4	72·5	72·5	72·4	71·4	74·1	78·3	79·1	80·7	82·3	82·3	81·1	80·8	80·3	76·5
29	79·3	78·0	76·8	76·4	76·2	76·2	75·5	75·4	75·3	74·1	72·9	72·1	71·2	71·3	70·9	73·9	78·0	79·8	80·6	81·5	82·1	82·3	82·1	81·1	76·8
30	80·1	78·5	77·2	76·5	75·6	75·2	73·9	73·7	73·4	72·9	72·4	72·0	71·6	71·4	71·3	73·2	76·9	80·1	81·3	82·0	82·2	81·9	81·2	80·7	76·5
31																									
Means	78·0	76·8	75·8	75·4	75·1	74·8	74·3	74·0	73·0	72·4	71·9	71·3	70·7	70·2	70·1	72·4	75·5	77·8	79·0	79·8	80·1	80·1	79·7	79·1	75·3
Jan. 31	80·3	78·7	77·2	77·0	76·4	76·0	75·5	74·1	72·6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
FEBRUARY 1857 1	—	—	—	—	—	—	—	—	—	* 71·0	69·4	* 69·1	68·7	68·3	68·5	71·7	75·3	78·3	80·5	80·7	81·2	81·2	81·3	80·6	75·6
2	79·6	78·0	76·2	74·6	73·4	72·3	71·4	70·9	70·6	70·9	71·2	70·8	70·4	69·5	69·4	72·4	75·7	78·3	81·1	82·5	83·2	82·5	82·4	81·4	75·4
3	80·3	77·9	76·3	74·1	73·8	71·6	70·2	70·0	69·4	69·0	68·7	68·3	67·8	67·4	66·6	70·4	74·4	77·5	79·5	80·0	80·5	81·1	81·3	81·3	74·1
4	79·5	77·5	75·0	72·7	71·4	70·0	69·0	68·8	67·4	66·9	66·4	65·9	65·4	66·4	66·2	69·4	73·4	76·4	78·7	79·6	80·0	80·5	80·5	80·2	72·8
5	79·4	77·2	74·5	72·8	71·1	70·3	69·6	69·4	68·0	67·9	67·9	67·2	66·5	66·6	66·4	69·2	72·3	76·5	79·3	79·3	80·1	80·3	78·4	78·7	72·9
6	77·8	76·5	75·6	74·9	74·6	74·7	74·7	74·4	73·6	72·0	70·4	69·6	68·7	68·4	69·4	72·1	75·4	79·1	79·5	80·0	80·5	81·3	80·5	79·8	75·1
7	79·0	77·5	76·2	75·5	73·8	73·6	73·2	72·0	68·6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	—	69·2	69·9	69·6	69·3	69·2	69·1	72·2	75·8	78·3	79·4	80·5	81·3	81·4	81·1	80·6	74·8
9	80·1	78·1	76·2	74·4	73·6	71·8	71·1	70·4	69·9	69·3	68·7	68·6	68·4	68·4	68·4	71·6	75·6	79·3	80·0	80·4	81·1	81·1	81·6	81·2	74·6
10	79·6	78·6	77·4	77·0	76·2	74·9	72·9	71·6	71·2	70·7	70·2	69·9	69·6	69·4	69·3	72·4	76·3	79·5	80·3	80·8	81·4	82·6	82·3	81·0	75·6
11	80·1	78·4	77·1	76·2	74·3	73·3	72·5	71·5	70·8	70·2	69·7	69·6	69·4	69·0	69·6	72·3	74·4	78·0	80·8	82·1	82·2	82·3	81·4	81·2	75·3
12	80·6	78·9	77·3	76·5	75·8	75·3	74·4	73·0	71·4	71·1	70·9	70·7	70·4	70·6	70·1	73·6	77·3	80·5	82·8	83·4	83·9	83·9	82·8	82·2	76·6
13	81·3	79·5	78·2	77·5	76·7	76·1	75·5	74·3	73·4	72·4	71·4	71·1	70·7	70·2	70·4	73·9	77·4	80·4	82·5	83·6	84·1	83·6	84·1	82·8	77·1
14	81·5	79·5	78·2	77·1	76·3	75·1	73·3	72·6	72·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	71·8	71·4	71·3	71·2	70·5	70·6	73·6	77·3	80·1	82·1	82·8	83·2	83·3	82·5	82·3	76·7
16	80·8	79·5	78·1	77·6	76·8	76·3	76·0	75·3	73·4	72·1	70·9	70·8	70·6	70·9	71·4	73·9	77·6	80·6	81·1	82·4	83·2	83·3	82·6	82·3	77·0
17	80·7	79·3	77·6	77·1	76·6	76·2	76·1	75·3	72·9	71·7	70·6	69·7	68·7	67·9	68·4	72·4	77·1	80·3	81·8	81·8	82·1	81·3	81·5	81·1	76·2
18	79·6	78·5	77·5	77·5	77·0	76·0	75·4	75·2	74·2	72·4	70·6	70·0	69·4	69·0	69·3	73·2	76·8	78·8	80·5	81·0	81·6	81·5	81·3	81·3	76·2
19	79·5	77·8	76·4	76·2	75·5	73·8	72·4	71·4	69·4	69·4	69·4	68·0	66·6	65·7	67·2	70·4	75·3	78·1	79·5	80·4	81·0	81·3	81·3	80·6	74·4
20	80·2	78·1	76·8	75·9	75·0	73·3	71·5	70·5	69·7	69·0	68·4	67·7	66·9	66·4	67·1	70·2	74·4	78·1	80·3	83·0	83·8	84·5	84·5	83·8	75·0
21	82·4	80·2	76·3	75·5	73·9	71·6	70·6	69·6	68·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	68·5	68·4	67·5	66·5	66·5	67·5	70·5	75·3	80·1	82·2	82·8	84·1	84·4	84·4	83·5	75·0
23	81·8	79·5	77·2	75·2	73·5	71·8	70·4	69·3	68·4	68·3	68·2	67·6	66·9	65·6	64·6	69·7	74·5	78·7	81·5	83·5	83·5	82·8	81·6	81·3	74·4
24	80·9	79·1	76·2	74·1	72·2	70·9	69·4	67·9	66·6	66·5	66·4	66·2	65·9	65·4	65·6	69·6	74·4	78·6	82·3	85·3	87·3	88·4	87·7	86·3	74·7
25	84·1	81·3	77·1	74·8	72·7	71·3	70·0	69·8	69·6	68·7	67·9	67·2	66·4	65·2	65·0	69·4	74·7	79·6	84·5	87·3	89·5	90·3	88·5	86·3	75·9
26	85·1	81·3	78·1	75·5	74·6	73·7	73·0	71·4	70·8	70·7	70·7	71·2	71·6	70·7	70·9	72·8	77·1	81·0	83·5	85·5	84·8	84·2	84·0	83·1	76·9
27	81·8	80·1	78·2	77·1	75·8	74·4	74·2	73·6	71·5	70·6	69·7	69·7	69·6	68·9	68·9	72·4	77·5	80·3	81·4	82·8	83·2	84·3	84·1	83·2	76·4
28																									
29																									
Means	80·7	78·8	76·9	75·7	74·6	73·5	72·6	71·8	70·6	70·0	69·5	69·1	68·6	68·2	68·3	71·6	75·6	79·0	81·0	82·1	82·8	83·0	82·6	81·9	75·36

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

DRY STANDARD THERMOMETER No. 7

(Corrected to the Kew Observatory Standard Thermometer)

	Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
	Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
		o	o	o	o	o	o	o	o	o	* o	o	* o	o	o	o	o	o	o	o	o	o	o	o	o	o
MARCH—1857	Feb. 28	82·1	80·1	78·3	77·3	76·8	76·3	75·4	74·4	72·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	1	—	—	—	—	—	—	—	—	—	70·1	67·9	67·7	67·4	67·4	67·4	71·9	76·5	79·4	81·9	84·1	84·6	84·5	84·2	83·4	76·3
	2	82·3	80·5	79·3	78·5	78·1	77·5	76·0	74·4	73·2	72·7	72·2	72·2	72·1	71·6	71·2	75·3	78·8	82·3	84·5	85·3	87·0	86·8	86·5	85·3	78·5
	3	84·3	81·8	80·4	79·5	79·5	78·4	77·5	75·6	74·4	73·9	73·4	73·1	72·7	71·7	71·7	76·2	80·3	84·1	84·9	85·5	85·8	85·4	85·9	85·1	79·2
	4	83·5	81·3	79·4	79·0	78·2	77·2	76·4	75·5	74·5	73·5	72·6	72·1	71·6	71·4	71·4	76·1	79·8	83·5	84·5	85·3	85·6	85·3	85·2	84·4	78·6
	5	83·3	81·3	79·4	77·8	77·3	77·1	76·7	76·1	74·5	73·7	72·9	72·3	71·6	70·8	70·5	75·3	79·3	81·1	83·3	84·4	84·6	85·5	85·3	84·5	78·3
	6	84·0	81·5	79·1	77·5	76·3	75·6	75·3	75·3	74·4	73·1	71·8	71·1	70·4	69·4	69·5	74·2	79·3	82·3	84·3	85·9	87·3	86·5	86·8	85·4	78·2
	7	83·5	81·3	79·6	79·3	78·8	78·5	78·4	78·1	78·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	8	—	—	—	—	—	—	—	—	—	77·9	77·9	78·0	78·0	77·8	78·4	81·2	83·0	84·5	85·5	87·3	87·3	86·5	86·1	85·3	81·3
	9	84·5	82·6	81·2	80·5	80·1	79·9	79·8	79·3	78·8	78·4	78·1	77·7	77·3	76·3	76·1	78·9	82·8	85·5	86·3	86·6	87·3	86·7	86·5	85·3	81·5
	10	84·8	82·6	81·1	80·6	80·2	80·0	79·7	79·5	79·1	77·9	76·8	76·7	76·6	75·5	75·6	80·5	83·3	87·1	88·3	87·5	88·1	87·4	86·3	86·1	81·7
	11	85·0	83·3	81·9	81·5	81·1	80·8	80·6	80·3	80·0	78·8	77·7	77·0	76·3	76·3	76·5	80·0	83·1	86·3	86·5	86·9	87·0	87·3	86·3	86·0	81·9
	12	85·3	83·1	82·3	80·7	80·4	80·0	79·7	79·3	79·2	78·0	76·8	76·2	75·5	75·3	76·2	80·1	83·6	85·1	86·1	86·3	86·6	87·4	86·7	86·3	81·5
	13	85·1	82·8	81·2	80·5	80·3	80·0	79·6	79·1	78·5	77·5	76·5	75·6	74·6	74·2	73·6	78·2	81·5	85·2	84·5	84·7	85·5	85·3	84·5	84·5	80·5
	14	84·0	82·0	80·2	79·5	79·3	78·6	77·0	75·3	74·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	15	—	—	—	—	—	—	—	—	—	73·7	73·2	72·3	71·4	72·1	72·4	76·5	80·0	81·8	83·5	84·5	84·8	84·1	84·3	83·5	78·7
	16	82·5	81·3	79·3	78·8	78·2	77·0	75·2	74·0	73·0	72·3	71·6	71·6	71·6	71·2	71·5	75·5	79·3	82·3	83·5	84·5	85·0	83·3	83·4	83·8	77·9
	17	82·7	80·3	79·2	78·3	77·2	75·7	75·1	73·9	72·6	72·1	71·6	71·3	70·9	71·3	71·4	76·3	79·5	81·8	83·1	84·3	83·1	83·8	83·3	82·8	77·6
	18	81·8	80·3	79·2	78·3	77·8	77·5	77·5	76·7	73·6	72·5	71·4	70·9	70·3	70·8	71·9	76·2	79·3	82·0	85·1	86·8	87·1	87·3	86·8	85·6	78·6
	19	84·7	82·2	80·3	79·5	77·3	75·8	74·0	73·1	72·2	71·7	71·3	70·8	70·2	70·4	70·5	75·3	79·3	82·6	86·3	88·8	89·7	89·5	89·7	89·2	78·9
	20	87·3	84·5	81·4	80·3	79·4	78·0	76·3	76·0	74·4	73·8	73·3	72·5	71·6	71·4	72·9	75·3	80·8	84·2	88·0	90·5	88·3	87·3	87·5	86·6	80·1
	21	84·5	82·8	80·8	80·2	79·4	78·5	78·0	76·1	75·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	22	—	—	—	—	—	—	—	—	—	75·5	75·2	74·9	74·5	73·4	74·9	78·0	82·1	85·1	86·9	88·4	89·5	90·4	90·1	88 2	81·0
	23	84·5	82·8	80·4	80·2	79·5	78·2	76·9	75·3	73·7	72·9	72·2	71·8	71·4	72·9	72·9	77·1	81·1	84·3	85·8	85·5	86·4	86·3	85·6	84·7	79·3
	24	84·4	83·1	81·5	80·5	80·2	79·9	77·4	77·0	76·1	75·5	74·9	74·9	74·9	75·1	75·4	78·8	81·5	84·3	86·2	86·4	87·3	87·5	87·6	86·3	80·7
	25	85·3	83·5	81·3	80·7	80·3	79·7	79·0	78·6	76·8	76·6	76·3	75·8	75.3	75·2	76·3	80·5	84·2	86·1	86·5	87·3	87·8	87·9	88·1	86·9	81·5
	26	86·4	84·3	82·8	82·3	81·8	81·2	81·0	80·6	80·0	79·5	79·0	78·0	76·9	77·3	77·7	81·3	85·2	85·9	88·3	89·2	89·6	90·1	89·3	88·5	83·2
	27	87·3	85·1	82·7	82·1	81·4	81·2	80·9	80·4	79·6	78·9	78·3	77·3	76·3	76·1	77·3	81·3	84·3	87·3	89·3	89·5	89·4	89·6	89·4	89·2	83·1
	28	87·5	85·2	82·7	81·6	80·3	79·3	78·5	76·8	76·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	29	—	—	—	—	—	—	—	—	—	74·9	73·4	72·8	72·2	73·2	74·6	79·4	84·5	86·3	88·1	89·0	90·1	90·2	89·3	88·4	81·4
	30	86·5	84·3	82·2	81·3	81·1	80·4	80·2	79·6	79·3	79·0	78·8	78·6	78·3	76·3	75·8	80·1	84·3	86·3	87·8	88·3	89·2	89·4	89·2	88·3	82·7
	31	86·5	84·2	82·3	81·4	80·5	80·5	80·3	79·0	77·1	76·1	75·2	74.8	74·4	74·4	74·9	79·8	83·5	85·7	89·0	89·3	90·1	90·1	90·3	89·1	82·0
	Means	84·6	82·5	80·7	79·9	79·3	78·6	77·9	77·0	76·0	75·2	74·5	74·0	73·5	73·3	73·6	77·8	81·5	84·2	85·9	86·7	87·2	87·1	86·8	86·0	80·2
APRIL 1857	1	87·3	84·5	81·8	81·0	80·0	78·4	76·5	75·4	75·3	* 74·3	73·3	* 73·2	73·1	72·4	73·4	78·5	83·3	86 8	87·6	88·3	88·3	88·5	88·1	87·1	80·7
	2	85·8	84·1	82·1	81·5	81·0	80·7	80·3	79·8	77·3	76·3	75·4	75·2	74·9	74·5	75·8	79·5	81·8	85·5	87·7	89·3	89·3	89·3	88·6	88·1	81·8
	3	86·3	84·3	82·5	81·6	81·3	81·0	80·4	80·1	79·3	78·3	77·3	76·4	75·5	75·3	76·4	79·6	81·5	85·3	87·8	89·1	88·1	87·3	86·5	86·7	82·0
	4	85·5	84·1	82·2	81·5	81·2	81·0	80·5	80·3	79·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	5	—	—	—	—	—	—	—	—	—	78·8	78·2	77·3	76·4	75·8	78·3	82·5	85·5	87·2	88·1	89·1	89·3	89·3	89·2	88·2	82·9
	6	86·8	84·3	82·7	82·2	81·7	81·5	81·4	81·0	80·4	79·1	77·9	77·6	77·3	77·5	78·8	82·1	85·5	87·6	88·5	91·3	91·3	90·2	89·5	88·1	83·5
	7	87·3	85·5	83·4	82·3	82·0	82·0	82·0	81·5	81·1	80·2	79·3	78·8	78·2	77·3	79·3	83·6	86·1	87·6	81·1	79·2	81·2	85·3	86·9	84·5	82·3
	8	85·8	83·9	81·7	81·2	80·9	80·9	80·5	80·0	78·5	77·6	76·8	76·3	75·8	75·7	77·5	81·4	85·6	88·3	89·8	92·5	94·3	92·3	91·1	89·5	83·2
	9	88·6	85·8	84·3	83·3	83·1	82·5	81·9	81·5	81·3	80·7	80·1	79·2	78·3	78·1	79·8	83·8	87·0	88·8	90·5	91·0	91·1	91·0	89·6	88·8	84·6
	10	87·5	86·1	84·2	83·3	82·7	82·3	82·1	81·6	81·3	80·5	79·7	79·0	78·3	77·6	80·3	84·3	87·3	89·3	89·6	89·3	90·2	90·5	89·4	89·1	84·4
	11	87·7	85·7	83·4	82 7	82·3	81·7	81·5	80·8	80·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	12	—	—	—	—	—	—	—	—	—	79·6	78·8	77·7	76·5	76·3	79·5	84·1	86·5	89·6	90·3	90·8	91·2	91·2	90·5	89·3	84·1
	13	88·3	85·7	84·1	83·3	82·9	82·3	82·0	81·5	81·3	80·0	78·8	78·2	77·5	77·3	79·4	84·5	87·3	89·9	93·4	94·3	93·3	92·3	91·8	90·5	85·0
	14	88·6	86·5	84·5	84·2	83·4	82·9	82·5	82·5	82·3	82·2	82·1	81·7	81·3	80·9	82·5	85·8	89·6	92·3	94·4	95·4	93·5	92·7	92·6	91·8	86·5
	15	89·8	86·8	85·0	84·3	84·0	83·3	83·1	82·5	82·3	82·0	81·8	81·3	80·8	80·7	83·0	86·6	89·7	93·3	96·2	98·8	94·4	93·2	93·1	90·8	86·9
	16	89·3	87·4	85·2	84·4	83·6	83·8	83·6	83·3	83·1	83·3	83·5	82·9	82·3	82·3	83·5	87·2	90·3	94·0	97·3	97·0	94·1	93·3	92·4	91·6	87·4
	17	89·1	87·3	85·5	84·7	84·1	83·4	83·3	83·3	83·0	82·9	82·8	82 9	83·0	82·5	84·0	87·3	89·5	91·8	94·2	94·3	93·6	92·5	91·5	90·3	86·9
	18	89·5	86·3	84·8	84·5	83·5	83·5	83·5	83·0	82·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	19	—	—	—	—	—	—	—	—	—	82·1	81·6	81·0	80·4	80·2	81·5	85·5	88·6	90·5	91·5	91·3	92·3	92·5	91·3	90·1	85·9
	20	89·3	85·9	84 3	83·5	83·0	82·6	82·4	82·2	81·5	80·9	80·3	79·9	79·5	79·8	82·3	85·8	88·1	90·3	90·5	92·1	92·2	92·5	91·3	91·1	85·5
	21	89·3	86·5	84·3	83·4	83·2	82·8	82·3	82·2	82·2	81·3	80·5	79·9	79·2	78·6	81·5	85·8	88·3	89·5	90·0	91·3	91·5	90·1	90·5	89·3	85·1
	22	87·3	86·3	84·1	83·4	83·1	83·1	82·5	82·3	81·8	81·1	80·4	79·9	79·3	78·3	81·3	86·0	87·3	87·8	85·5	86·8	89·3	89·6	89·1	89·3	84·4
	23	88·3	86·1	84·2	83·2	82·7	82·6	82·3	82·1	81·8	81·1	80·4	79·4	78·3	78·5	81·5	85·5	86·3	88·4	90·1	91·3	90·4	91·1	89·6	87·0	84·7
	24	86·3	86·6	84·5	83·3	83·3	83·0	82·6	82·5	81·8	80·6	79·5	78·9	78·3	78·2	81·6	85·4	87·5	88·4	90·1	90·5	90·8	91·1	90·3	89·5	84·8
	25	89·1	87·3	85·0	84·3	83·8	83·6	83·3	83·0	81·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	26	—	—	—	—	—	—	—	—	—	81·1	80·8	80·1	79·3	78·3	81·2	84·3	87·1	90·0	90·6	91·8	92·1	91·4	90 8	90·9	85·4
	27	89·2	87·1	84·7	83·9	83·8	83·4	83·1	82·5	82·3	81·3	80·3	79·4	78·4	78·5	81·3	83·4	86·7	89·6	90·2	92·1	92·1	91·5	91·5	90·3	85·3
	28	89·3	88·2	85·3	84·8	84·3	84·0	83·5	83·3	83·3	83·2	83·1	82·6	82·0	82·8	85·1	87·3	88·8	90·0	91·3	92·5	92·3	91·5	92·0	89·6	86·6
	29	90·3	87·5	86·3	85·3	85·0	84·6	84·3	83·3	83·3	83·0	82·8	82·1	81·3	80·5	83·3	85·3	88·6	89·6	89·6	91·2	93 3	93·5	92·3	89·3	86·5
	30	89·1	87·5	85·6	84·8	84·2	83·5	83·4	83·1	82·8	81·6	80·5	80·3	80·1	79·3	83·5	85·2	86·4	89·5	90·5	91·2	91·9	89·4	90·6	90·8	85·6
	Means	88·1	86·0	84·1	83·3	82·9	82·5	82·1	81·7	81·2	80·5	79·8	79·3	78·7	78·3	80·6	84·2	86·9	89·3	90·2	91·2	91·2	90·9	90·4	89·3	84·7

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

LIBRARY OF THE UNIVERSITY OF CALIFORN

DRY STANDARD THERMOMETER No. 7

(Corrected to the Kew Observatory Standard Thermometer)

	Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
	Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
MAY 1857		o	o	o	o	o	o	o	o	o	* o	o	* o	o	o	o	o	o	o	o	o	o	o	o	o	o
	1	88·4	86·3	84·5	84·2	84·0	83·6	83·6	83·3	82·5	81·9	81·3	81·4	81·5	81·3	83·5	87·3	89·4	92·4	92·2	92·3	93·1	91·8	91·3	90·6	86·3
	2	88·5	86·5	85·0	84·4	84·1	83·9	83·6	83·7	84·1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	3	—	—	—	—	—	—	—	—	—	81·7	79·3	78·8	78·3	78·3	82·8	86·2	88·4	90·8	92·4	92·6	93·2	92·3	90·7	90·5	85·8
	4	88·4	87·3	85·0	84·3	83·4	83·3	83·1	82·5	81·4	80·8	80·3	79·8	79·3	79·1	81·8	86·1	89·1	91·8	94·0	94·2	94·5	93·4	93 0	92·5	86·2
	5	89·6	88·4	86·2	85·4	85·0	84·2	83·6	83·2	83·1	82·7	82·3	82·3	82·3	82 2	83·7	85·3	88·2	91·4	93·2	93·5	91·3	90·3	89·3	88·3	86·5
	6	87·0	85·5	84·5	84·1	83·5	83·5	83·3	83 0	82·3	81·8	81·3	80·6	79·8	79·7	83·1	86·4	89·7	92·3	94·8	95·2	92·9	93·0	92·8	91·4	86·3
	7	89·8	87·8	85·5	85·0	84·5	84·3	84·3	83.8	83·6	83·0	82·4	81·9	81·3	81·2	83 5	87·0	90·5	93·3	96·2	97·4	96·2	95·7	94·3	91·1	87·6
	8	90·3	88·1	86·5	85·3	85·2	85·3	85·3	84·8	84·5	84·3	84·1	83·8	83·5	83·6	85·3	88·8	93·3	95·5	99·4	100·2	102·7	99·2	95·7	93·3	89·5
	9	89·5	88·2	86·5	86·5	86·3	82·5	80·7	80·1	81·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	10	—	—	—	—	—	—	—	—	—	82·7	84·1	83·7	83·2	82·8	85·3	88·3	92·1	93·7	97·1	99·9	101·2	100·2	95·4	93·2	88·5
	11	90·8	87·1	86·2	86·0	85·4	86·7	86·8	86·3	84·9	84·4	84·0	83·4	82·8	82·3	84·5	88·3	91·1	94·3	97·7	99·4	100·1	96·9	94·5	92·5	89·0
	12	90·1	87·3	86·3	85·2	85·1	84·5	84·5	85·3	85·5	85·3	85·1	84·4	83·6	82·9	86·2	89·5	92·8	94·6	95·1	94 3	94·8	94·9	94 1	94·3	88·6
	13	91·8	89·4	86·4	85·0	84·7	84·7	85·1	84·3	84·3	84·2	84·1	83·7	83·2	83·1	86·1	89·8	93·4	96·3	99·2	99·6	94·8	93·6	94·3	94·1	89·0
	14	91·3	88·1	86·3	86·4	86·8	86·8	86·5	85·8	85·3	84·8	84·3	83 3	82·2	82·3	85·5	89·2	91·6	95·2	98·4	101·7	102·7	93·8	93·8	93·5	89·4
	15	91·1	87·3	85·7	84·7	84·7	84·6	85·5	85·1	84·3	84·2	84·2	83·2	82 2	80 6	84·8	88·8	91·3	92·4	92 8	94·5	94·4	95·1	95·2	94·0	87 9
	16	91·2	88·3	86·1	86·1	86·3	86·3	86·3	86·3	86·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	17	—	—	—	—	—	—	—	—	—	85·4	84·5	84·4	84·3	84·1	87·1	89·3	93·3	95·5	97·7	99·7	101·2	103·1	103·9	95·5	90·5
	18	93·3	89·5	87·1	86·5	85·5	85·4	85·4	85·4	85·3	85·0	84·8	84·5	84·2	85·2	87·9	91·0	94·3	96·8	98·7	100·2	101·5	103·3	103·9	104·4	91·2
	19	103·9	95·2	89·0	88·3	87·8	88·3	91·2	90·3	89·3	88·8	88·3	87·3	86·3	85·6	87·2	89·2	91·8	94·4	97·2	99·2	100·2	101·4	103·1	103·3	92·8
	20	96·2	92·8	90·3	93·1	92·7	90·1	89·3	89·1	88·5	88·0	87·5	86·9	86·3	86 0	87·1	89·3	91·3	92·1	96·3	97·0	100·4	99·4	100·2	95·2	91·9
	21	92·3	90·3	88·8	87·8	87·3	86·2	85·3	84·8	84·0	83·1	82·3	81·9	81·4	81·3	82·1	83·3	87·0	87·1	88·8	88·2	80·1	86·1	88·1	84·3	85·5
	22	82·9	84·3	82·6	81·9	81·0	80·4	80·3	79·9	79·8	79.5	79·3	79·3	79·3	79·5	80·8	83·3	86·8	89·3	91·5	95·2	97·2	94·1	92·1	92·7	84·7
	23	91·3	87·5	85·0	84·7	85·1	85·2	84·8	84·3	84·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	24	—	—	—	—	—	—	—	—	—	84·1	84·1	83·5	82·8	83·6	85·3	86·8	88·9	91·4	93·7	95·2	96·5	97·9	94·2	91·8	88·0
	25	89·5	86·5	85·9	86·3	86·5	85·0	84·8	85·3	85 3	84·7	84·1	84·3	84·4	84·3	86·1	88·5	90·5	92·8	94·5	96·0	97·7	100·0	101·1	101·3	89·4
	26	97·2	89·4	85·8	86·5	89·3	88·3	87·5	87·0	86·5	85·9	85·3	85·1	84·8	84·4	85·2	88·6	91·3	91·5	94·6	96·4	98·2	99·5	99·6	99·0	90·3
	27	97·9	97·0	94·5	93·3	92·3	90·6	89·4	88·3	86·9	86·2	85·6	84·9	84·1	84·0	86·1	89·2	92·1	94·5	96·2	98·2	101·1	102·0	101·2	102·0	92·4
	28	100·7	98·2	95·6	93·3	91·6	90 3	89·3	87·8	87·2	86·3	85·4	84·9	84·3	83·6	86·6	89·5	91·9	93·8	94·9	97·3	98·7	99·8	101·1	99·3	92·1
	29	100·1	99·0	94·8	93·4	91·3	90·1	87·5	86·6	86·1	85·3	84·5	84·1	83 7	84·1	85·1	86·6	88·3	89 8	90·9	91 3	91·5	93·2	94·2	93·8	89·8
	30	92·3	88·3	85·2	84·7	81·6	82·2	83·1	83·3	83·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	31	—	—	—	—	—	—	—	—	—	82·5	81·8	81·7	81·6	81·3	83·8	85·5	89·3	92·3	93·5	94·3	96·0	98·2	97·4	91·3	87·3
	Means	92·1	89·4	87·1	86·6	86·2	85·6	85·4	85·0	84·6	84·1	83·6	83·2	82·7	82·6	84·9	87·7	90·7	92·9	95·0	96·3	96·6	96·5	95·9	94·4	88·7
JUNE 1857	1	89·5	88·3	86·5	85·5	84·5	84·1	83·7	83·4	83·2	* 82·6	82·0	* 81·7	81·3	81·5	84·8	88·5	91·2	93·4	96·1	98·3	99·5	94·8	94·4	93 6	88·0
	2	91·8	89·1	86·5	86·2	85·7	85·3	85·4	84·8	83·0	82·2	81·5	81·3	81·1	80·6	84·8	88·6	91·2	93·8	96·0	96·9	98·4	100·4	96·0	94·7	88·6
	3	92·8	91·5	87·6	86·5	85·7	85·5	85·3	85·3	85·3	84·8	84·4	83·9	83·3	82·8	85·3	89·5	91·5	94·3	96·2	97·7	95·2	93·5	93·2	91·8	88·9
	4	90·3	88·1	86·1	85·6	85·3	84·8	84·8	84·5	83·8	82·4	81·1	81·7	82·3	82·5	82·5	88·2	91·3	92·1	96·2	98·0	98·3	94·5	93·1	91·1	87·9
	5	88·3	87·3	86·3	85·1	84·5	84·3	84·2	84·8	84·2	83·6	83·1	82·3	81·5	80·3	83·9	88·0	90·3	91·4	93·8	91·8	91·7	94·5	93·2	91·8	87·1
	6	89·5	88·1	86·6	85·7	85·5	85·7	85·7	85·2	83·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	7	—	—	—	—	—	—	—	—	—	82·6	81·7	81·0	80·2	80·3	83·8	87·4	90·3	92·8	93·2	93·3	93·6	93·5	92·3	91·3	87·2
	8	90·4	88·8	85·5	85·1	84·5	84·2	83·9	83·7	82·8	82·4	82·1	81·7	81·3	80·6	83·3	88·1	91·1	91·8	94·5	94·7	95·2	94·4	94·5	94·6	87·5
	9	92·8	90·0	87·1	86·3	85·6	85·4	85·2	85·5	85·3	84·9	84·6	80·4	76·2	76·7	80·0	84·2	86·6	89·2	92·1	92·5	94·5	95·2	92·5	91·8	86·9
	10	90·6	89·5	86·8	85·4	85·1	84·0	83·4	83·2	83·1	82·6	82·2	82·0	81·8	80·3	75·3	75·8	76·1	77·2	80·3	84·0	84·9	86·5	86·3	85·6	83·0
	11	83·1	81·8	81·1	80·5	79·6	79·4	78·5	78·2	77·1	77·4	77·8	77·6	77·3	77·5	81·2	83·3	86·3	89·2	89·3	89·4	89·6	90·5	90·7	90·3	82·8
	12	88·4	86·8	84·6	84·2	83·9	83·2	82·1	81·0	80·8	80·4	80·0	79·1	78·2	77·8	82·2	85·8	87·9	90·1	92·3	94·1	97·2	92·8	90·5	90·4	85·6
	13	87·8	86·3	80·1	80·1	80·5	81·5	81·3	81·0	80·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	14	—	—	—	—	—	—	—	—	—	79·7	78·6	78·6	78·5	79·0	79·4	81·5	82·8	82·3	82·5	83·1	83·0	84·3	84·6	84·5	81·7
	15	84·1	84·0	82·7	81·7	81·5	81·5	81·3	80·8	80·3	79·2	78·2	78·3	78·3	77·8	79·2	80·6	82·1	84·1	85·1	85·8	87·3	87·3	88·4	89·1	82·4
	16	90·3	89·2	85·1	83·3	82·5	82·5	82·5	79·5	78·6	78·4	78·3	78·3	78·3	78·3	78·3	79·2	81·2	84·1	86·8	88·0	90·1	91·1	91·0	90·3	83·6
	17	89·1	87·8	86·1	85·2	84·5	80·3	79·3	79·3	79·1	79·1	79·1	79·0	78·9	79·8	79·3	81·5	85·1	84·6	87·2	89·0	90·4	91·5	91·3	92·2	84·1
	18	91·6	90·2	88·2	78·6	78·5	79·3	79·3	78·4	78·6	78·9	79·3	78·9	78·5	77·7	80·6	84·5	88·3	90·1	91·2	92·3	93·4	94·5	94·2	94·8	85·0
	19	93·1	91·5	83·2	82·2	81·3	81·7	80·8	80·8	80·3	80·5	80·7	80·8	80·8	80·5	81·5	85·5	88·3	90·2	90·6	93·1	95·2	96·3	97·1	89·3	86·1
	20	87·8	86·1	82·3	82·1	82·0	82·3	81·3	80·9	80·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	21	—	—	—	—	—	—	—	—	—	81·2	82·1	81·0	79·8	79·5	79·8	82·4	85·3	89·3	91·1	92·6	93·5	95·2	96·5	96·3	85·4
	22	94·5	91·8	85·5	84·2	84·2	84·9	84·7	84·3	82·8	82·0	81·3	80·8	80·3	80·5	80·4	83·1	84·5	85·5	87·5	87·8	87·3	88·6	89·2	89·0	85·2
	23	88·8	88·1	86·7	85·3	84·3	84·3	83 5	83·2	82·4	81·8	81·3	80·5	79·6	79·3	83·3	87·4	90·1	93·0	95·1	95·7	96·5	98·0	98·4	98·0	87·7
	24	90·0	88·4	86·6	85·5	84·8	84·4	83·7	83·5	83·3	83·0	82·8	81·7	80·5	79·6	83·4	87·3	89·5	91·4	95·2	96·2	96·4	97·7	98·0	98·6	88·0
	25	92·2	90·2	87·1	86·2	85·5	85·2	85·1	85·0	84·5	84·0	83·5	83·6	83·7	83·2	83·4	88·3	91·1	92·5	94·6	95·9	97·3	98·2	99·2	91·5	88·8
	26	88·6	82·3	81·3	80·8	79·7	80·5	80·4	80·2	80·3	80·5	80·7	80·5	80·3	80·1	82·5	85·3	87·5	90·2	91·3	93·1	94·3	95·2	97·2	97·0	85·4
	27	95·3	91·8	88·3	86·0	84·1	80·6	79·5	79·8	79·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	28	—	—	—	—	—	—	—	—	—	80·7	82·1	81·7	81·3	81·5	81·1	81·8	81·3	81·5	83·6	86·6	87·3	90·0	91·4	91·2	84·5
	29	88·8	87·3	85·8	85·3	84·6	84·1	83·0	81·5	81·0	80·6	80·3	80·2	80·1	79·5	81·1	83·6	86·1	89·3	91·8	94·3	96·7	97·2	99·3	98·2	86·7
	30	98·4	95·9	93·0	90·1	88·7	86·8	86·5	87·3	86·2	85·0	83·9	83·1	82·3	81·8	82·3	84·3	87·3	87·8	89·8	93·3	93·5	93·9	94·3	94·5	88·7
	31																									
	Means	90·3	88·5	85·6	84·3	83·7	83·3	82·9	82·5	81·9	81·6	81·3	80·8	80·2	80·0	81·6	84·8	87·1	88·9	90·9	92·2	93·1	93·4	93·3	92·4	86·0

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

DRY STANDARD THERMOMETER No. 7

(Corrected to the Kew Observatory Standard Thermometer)

	Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
	Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
JULY 1857		o	o	o	o	o	o	o	o	o	* o	o	* o	o	o	o	o	o	o	o	o	o	o	o	o	o
	1	93·4	91·5	88·4	86·4	86·2	84·6	84·1	82·6	82·2	82·2	82·3	81·8	81·3	81·0	81·5	85·6	87·3	89·9	92·5	95·2	97·3	98·2	100·2	99·3	88·1
	2	88·3	85·4	84·5	84·3	83·7	83·6	83·1	82·1	82·1	81·2	80·3	79·4	78·5	78·9	80·8	83·5	86·8	88·3	90·2	92·3	95·5	94·5	94·8	95·0	85·7
	3	88·5	88·0	85·3	84·7	84·2	83·9	83·2	82·5	82·8	82·4	82·1	81·7	81·3	80·5	81·4	84·2	87·1	90·1	93·3	95·5	96·7	99·2	99·4	94·9	87·2
	4	89·3	88·2	87·1	86·1	85·8	82·8	80·1	80·8	81·1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	5	—	—	—	—	—	—	—	—	—	82·2	83·3	82·9	82·5	82·7	82·5	84·3	87·1	89·2	91·3	94·3	94·4	97·0	95·4	97·0	87·0
	6	95·2	95·2	92·6	86·3	85·7	85·2	84·5	84·3	86·2	85·2	84·3	83·4	82·5	82·3	84·0	87·0	90·1	92·3	95·1	96·4	98·2	98·2	98·4	99·5	89·7
	7	90·8	89·3	87·6	82·2	83·7	83·6	83·2	83·3	82·2	81·2	80·2	80·3	80·3	80·2	83·1	85·3	88·5	91·1	94·3	96·1	96·3	93·1	91·2	91·3	86·6
	8	90·5	86·4	84·8	84·3	84·3	83·5	83·7	83·3	83·0	82·4	81·8	82·5	83·1	83·3	84·0	86·8	90·1	92·1	94·3	96·7	98·2	94·1	95·2	91·8	87·5
	9	87·5	87·3	85·7	85·4	84·8	84·1	83·5	83·3	82·3	82·3	82·3	81·7	81·1	81·4	83·3	86·0	88·8	90·6	92·7	93·5	94·3	96·1	97·2	96·1	87·1
	10	89·5	86·8	86·2	85·3	84·6	84·3	84·1	83·5	81·5	81·1	80·8	80·6	80·3	80·4	82·3	85·9	88·5	91·3	92·3	94·3	96·1	95·3	92·5	89·4	86·5
	11	89·3	88·3	85·7	84·7	83·9	83·5	81·1	78·3	76·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	12	—	—	—	—	—	—	—	—	—	78·5	80·3	80·2	80·1	80·1	81·3	83·1	87·3	88·8	92·3	93·3	95·2	96·9	95·1	91·8	85·7
	13	92·0	89·3	87·3	86·0	85·0	84·1	83·8	83·5	82·8	82·9	83·1	82·5	81·8	82·0	82·3	85·1	87·5	89·1	89·8	91·5	94·1	94·8	95·2	96·4	87·2
	14	95·4	94·2	91·4	86·2	84·7	83·9	83·4	83·0	82·3	82·3	82·3	81·4	80·5	80·5	82·3	84·8	87·3	90·1	92·3	94·4	96·2	97·4	97·0	96·8	87·9
	15	95·1	90·6	88·2	88·2	85·4	84·3	84·3	83·8	83·7	85·4	83·1	82·4	81·7	81·9	82·7	85·3	87·8	89·8	93·2	95·5	95·2	92·8	92·3	93·0	87·7
	16	90·4	88·3	85·4	84·5	84·5	84·3	84·0	82·5	81·8	81·4	81·1	81·2	81·3	82·2	83·8	85·1	87·5	90·5	91·5	94·8	96·7	94·8	94·6	91·4	86·8
	17	90·5	87·0	85·4	84·9	83·5	82·3	82·3	82·1	81·8	81·6	81·5	81·0	80·5	80·3	82·5	87·1	89·3	91·5	94·1	95·5	95·0	95·3	93·5	92·3	86·7
	18	88·8	87·5	85·1	84·7	84·1	84·1	84·1	83·2	82·9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	19	—	—	—	—	—	—	—	—	—	82·6	82·3	81·7	81·1	81·2	82·5	85·9	89·5	92·1	94·6	95·2	94·5	92·3	90·6	89·9	86·7
	20	88·6	86·8	84·4	83·7	83·5	84·2	83·5	83·2	83·1	82·3	81·5	80·9	80·3	79·3	79·8	81·5	87·5	89·2	92·3	95·4	97·5	94·5	95·1	90·5	86·2
	21	88·5	87·2	85·4	84·7	83·8	83·5	83·5	83·3	83·5	81·4	79·3	78·3	77·2	76·5	77·3	78·5	80·1	81·5	86·2	89·6	90·6	91·3	90·5	90·3	83·8
	22	87·1	84·3	83·0	82·6	82·3	82·4	81·8	81·3	81·3	81·5	81·7	78·5	75·3	75·5	77·3	81·6	84·1	86·4	88·3	91·2	92·5	90·2	90·2	89·3	83·7
	23	87·9	85·3	82·5	81·1	80·9	80·1	79·5	78·5	78·8	78·8	78·8	79·1	79·3	79·3	82·5	85·6	87·3	90·1	91·1	85·8	89·9	90·1	89·2	88·3	83·7
	24	86·4	84·6	83·1	82·4	82·2	81·5	81·5	81·5	81·8	81·0	80·3	79·4	78·4	78·1	80·3	83·4	87·1	88·3	90·3	92·2	92·8	94·1	91·0	90·3	84·7
	25	88·8	86·4	84·2	83·4	82·9	83·3	83·2	83·2	82·6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	26	—	—	—	—	—	—	—	—	—	78·9	75·3	75·7	76·1	76·3	76·9	76·9	78·1	78·8	80·1	82·2	81·6	81·8	81·2	79·3	80·7
	27	79·3	79·1	78·1	77·4	76·6	76·1	74·3	73·7	72·4	73·0	73·6	73·8	73·9	74·4	74·4	76·1	78·1	79·4	81·1	81·8	83·5	84·1	84·3	84·3	77·6
	28	82·8	81·5	80·3	79·3	78·3	77·1	76·8	76·3	75·5	75·4	75·3	75·3	75·3	74·8	76·3	79·2	80·6	81·9	83·8	84·8	84·4	85·1	86·5	82·5	79·5
	29	81·2	80·5	76·6	76·3	76·5	76·3	76·3	76·3	76·2	76·2	76·3	76·3	76·3	76·2	76·4	78·5	81·3	83·3	85·3	86·2	88·3	90·1	86·3	80·8	79·7
	30	83·4	82·3	81·2	80·8	80·3	79·3	79·5	78·5	78·4	78·2	78·2	77·3	76·5	77·3	77·3	78·2	84·1	85·2	86·3	88·8	90·6	90·5	83·5	87·6	81·8
	31	87·3	84·8	82·3	80·3	80·5	77·7	76·8	76·0	77·5	77·3	77·2	77·2	77·1	76·5	78·5	81·3	83·5	84·5	86·1	87·5	88·0	87·8	87·5	84·3	81·6
Means		88·7	86·9	84·9	83·6	83·0	82·4	81·8	81·3	81·0	80·6	80·3	79·9	79·4	79·4	80·6	83·2	86·0	88·0	90·2	91·9	93·1	92·9	92·1	90·9	85·1
AUGUST 1857											*		*													
	1	84·5	83·6	81·9	81·6	81·3	80·6	80·3	79·9	79·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	2	—	—	—	—	—	—	—	—	—	79·9	78·6	78·4	78·2	78·3	78·6	82·3	83·1	85·8	88·0	89·5	92·4	92·2	92·5	92·3	83·5
	3	86·3	85·3	83·3	82·5	82·3	82·1	81·9	81·7	81·7	80·9	80·2	79·8	79·3	79·0	81·1	84·8	85·5	87·5	89·3	91·3	93·1	94·3	92·0	89·3	84·8
	4	87·2	86·1	83·4	83·0	82·3	82·0	82·0	81·6	81·6	81·4	81·3	80·4	79·5	79·2	81·3	84·5	86·1	87·8	90·5	92·2	94·1	94·4	91·1	89·8	85·1
	5	87·7	84·9	83·3	82·5	83·3	82·9	82·3	82·2	81·3	80·7	80·1	79·7	79·3	78·5	81·3	84·1	86·3	88·3	90·1	92·3	94·2	95·7	93·3	90·3	85·2
	6	88·3	86·1	84·4	84·2	83·4	83·1	82·5	82·5	82·5	82·0	81·5	81·0	80·4	81·3	82·3	84·8	87·3	88·5	91·8	93·1	94·8	95·6	98·0	90·8	86·3
	7	87·5	82·6	82·3	82·7	82·0	81·7	81·6	81·6	81·5	81·8	82·1	81·7	81·3	80·4	81·3	84·0	86·8	89·5	89·8	93·5	95·8	97·0	97·1	97·0	85·9
	8	96·0	93·6	90·3	87·1	86·3	83·9	83·7	83·2	82·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	9	—	—	—	—	—	—	—	—	—	82·0	81·5	81·3	81·1	80·0	81·1	84·7	85·8	89·1	90·6	92·3	93·1	96·2	97·4	98·1	87·5
	10	96·1	94·1	89·1	86·8	86·8	85·0	85·3	85·0	84·5	83·8	83·2	82·2	81·2	79·2	81·8	84·5	87·4	89·5	92·3	92·5	95·2	96·3	95·1	89·5	87·8
	11	87·1	86·5	84·4	83·3	82·5	82·6	82·3	81·4	80·7	80·1	79·5	80·2	80·8	80·5	81·5	83·5	88·3	90·0	91·2	93·5	95·7	96·5	96·1	94·6	85·9
	12	88·3	85·5	84·3	83·5	83·3	83·0	82·8	82·4	81·9	81·1	80·3	80·2	80·0	79·5	81·3	85·5	86·8	91·2	92·8	94·5	96·2	98·0	99·2	93·2	86·4
	13	87·5	83·4	82·2	82·2	82·2	82·0	81·2	80·8	80·6	80·4	80·3	80·0	79·7	79·3	81·1	84·1	87·1	89·1	91·2	93·4	95·2	96·3	96·7	96·3	85·5
	14	95·7	93·3	88·8	85·5	88·2	85·4	85·0	84·9	84·5	83·8	83·1	82·6	82·1	81·4	82·3	85·7	87·2	88·3	90·3	92·5	94·2	95·2	96·8	95·2	88·0
	15	93·5	91·3	88·5	87·4	87·4	87·2	86·3	86·0	85·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	16	—	—	—	—	—	—	—	—	—	85·0	84·5	84·4	84·3	83·1	83·7	84·5	88·1	88·8	91·6	95·2	96·7	96·2	97·4	98·4	89·0
	17	97·3	91·5	87·4	86·1	85·1	84·1	82·8	82·4	81·8	82·5	83·3	82·4	81·5	81·3	82·1	84·1	86·0	88·7	91·5	93·5	95·2	96·2	97·1	97·2	87·5
	18	95·9	89·5	86·1	83·0	79·3	79·5	79·3	79·3	81·3	81·2	81·2	81·2	81·1	80·8	81·1	82·3	85·1	86·5	87·5	89·0	90·5	92·3	93·1	91·5	84·9
	19	91·1	88·1	86·3	85·3	84·3	82·5	82·3	82·1	82·5	82·8	83·1	82·8	82·5	82·1	82·1	84·1	88·3	90·3	92·3	94·4	96·0	98·0	91·3	87·3	86·7
	20	86·3	85·4	84·2	83·1	82·3	82·0	82·0	82·4	82·1	81·2	80·3	80·2	80·1	79·8	81·5	84·3	88·0	89·5	91·3	94·5	96·4	97·4	90·1	88·4	85·5
	21	86·5	86·3	84·3	84·0	82·5	83·2	81·1	80·3	81·0	80·6	80·3	80·0	79·6	79·2	81·3	84·1	86·9	88·3	91·1	93·3	96·7	93·6	90·1	87·2	85·0
	22	85·5	84·6	83·2	81·4	80·9	80·0	80·4	78·3	77·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	23	—	—	—	—	—	—	—	—	—	78·7	80·2	80·3	80·3	80·2	82·3	84·3	86·3	88·3	89·8	93·3	95·1	92·3	92·4	90·4	84·4
	24	88·3	86·1	83·4	83·2	82·5	82·1	81·7	81·3	81·2	80·8	80·5	79·2	77·8	77·3	79·3	84·7	87·3	89·6	91·3	93·3	93·0	90·4	90·3	88·5	84·7
	25	88·1	85·2	84·1	81·8	81·6	82·0	81·8	81·2	80·5	79·6	78·7	78·6	78·5	78·3	80·0	83·8	86·1	89·3	92·0	94·3	95·1	97·3	97·4	96·0	85·5
	26	92·5	87·9	85·1	84·6	84·8	84·4	82·1	82·3	82·5	82·4	82·3	81·9	81·5	81·3	82·6	85·7	88·3	90·6	92·2	94·3	96·2	91·6	93·3	90·5	86·7
	27	90·3	87·1	85·5	84·5	84·0	84·0	83·1	81·5	81·5	81·3	81·2	80·7	80·2	80·0	81·5	82·6	84·7	88·4	90·3	93·3	95·2	92·6	92·5	90·5	85·7
	28	89·3	86·5	85·3	84·4	83·5	82·7	82·4	82·3	82·1	81·4	80·8	80·2	79·5	79·7	81·4	84·7	87·6	90·3	91·3	95·3	96·2	98·3	95·2	92·4	86·3
	29	89·1	87·3	85·3	84·6	86·5	86·5	86·5	84·9	83·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	30	—	—	—	—	—	—	—	—	—	82·4	81·0	81·0	80·9	81·3	81·7	84·5	86·5	89·3	91·7	94·1	96·0	93·1	92·3	90·1	86·7
	31	87·3	85·8	84·3	83·6	83·5	83·3	82·6	82·5	82·4	83·0	83·6	83·3	83·0	82·3	83·3	86·3	87·4	89·8	92·3	94·1	95·3	96·2	92·0	88·3	86·5
Means		89·7	87·2	85·0	83·9	83·5	83·0	82·5	82·1	81·9	81·6	81·3	80·9	80·5	80·1	81·5	84·3	86·7	88·9	90·9	93·2	94·9	95·1	94·2	92·0	86·0

* The numbers in these columns are not observed but interpolated for the sake of obtaining the daily means.

DRY STANDARD THERMOMETER No. 7

(Corrected to the Kew Observatory Standard Thermometer)

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	o	o	o	o	o	o	o	o	o	* o	o	* o	o	o	o	o	o	o	o	o	o	o	o	o	o
SEPTEMBER 1857																									
1	88·1	85·9	84·5	84·0	83·3	83·1	83·3	83·3	83·1	82·7	82·3	81·9	81·5	81·3	82·3	85·3	88·2	90·1	90·5	90·6	92·3	91·5	92·3	90·6	85·9
2	89·1	86·7	84·6	84·3	83·6	83·3	83·0	83·1	82·8	82·7	82·6	82·6	82·5	82·8	83·2	85·5	83·3	87·3	88·3	92·0	93·2	92·0	93·3	91·8	86·0
3	90·0	88·3	85·3	84·2	84·3	83·8	83·9	84·3	83·5	83·6	83·7	83·0	82·3	81·8	82·2	86·4	88·3	90·5	92·5	94·5	92·7	93·3	93·1	91·0	86·9
4	90·1	87·3	85·5	85·2	84·1	83·4	83·2	83·1	82·5	82·0	81·5	81·5	81·5	80·5	82·1	86·1	87·4	88·2	90·3	93·1	93·8	92·1	91·7	91·3	86·1
5	89·6	87·1	85·3	84·3	84·1	83·4	83·0	82·4	82·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	82·2	82·1	81·3	80·5	80·7	82·5	86·8	89·4	92·1	94·3	95·5	93·4	93·3	92·8	90·8	86·6
7	88·3	86·3	85·1	84·2	83·6	83·5	83·3	83·6	83·5	83·2	83·0	82·5	81·9	81·3	82·8	85·3	87·3	90·3	92·7	94·8	96·4	97·2	98·2	91·5	87·1
8	89·4	86·5	85·3	84·0	83·7	84·2	84·2	84·2	83·5	83·1	82·8	82·7	82·5	82·3	82·5	84·7	88·0	89·5	91·3	93·8	96·2	97·5	95·3	90·1	87·0
9	87·9	87·0	85·6	85·3	85·3	85·3	84·3	84·3	84·2	84·1	84·0	83·4	82·8	82·0	82·1	82·8	85·3	88·3	90·1	93·1	96·2	96·2	95·9	92·5	87·0
10	89·3	85·6	84·4	83·7	83·5	83·5	83·5	82·8	82·7	81·7	80·8	80·1	79·3	79·0	81·0	83·1	86·3	89·1	91·8	93·8	92·3	91·5	92·6	91·3	85·5
11	89·8	86·8	84·9	84·0	83·0	82·7	82·7	82·4	82·1	81·8	81·6	81·1	80·5	79·3	80·5	85·1	87·5	89·9	92·5	91·8	91·5	90·8	91·3	90·6	85·6
12	90·0	87·3	84·9	84·1	83·3	83·3	82·7	82·5	82·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	83·0	83·3	82·8	82·3	81·8	82·5	82·6	83·3	85·0	88·8	93·1	94·5	94·7	92·4	89·6	85·9
14	88·8	87·1	86·3	83·8	80·1	80·3	80·3	79·9	78·6	78·7	78·9	78·1	77·3	77·8	78·3	79·6	81·5	85·4	88·3	91·3	92·5	87·2	81·3	84·7	82·8
15	84·8	84·3	82·5	82·2	82·1	81·5	80·7	81·1	80·3	79·8	79·3	78·8	78·3	79·0	79·0	81·1	83·5	85·5	85·5	86·3	84·5	84·3	85·5	86·5	82·3
16	86·2	86·1	84·0	83·6	82·3	82·3	82·3	79·3	78·3	78·8	79·3	79·3	79·3	79·0	78·5	78·3	80·1	83·1	85·3	86·3	88·4	89·3	88·6	87·5	82·7
17	84·3	84·3	83·8	82·6	81·5	81·4	78·0	78·0	79·0	78·4	77·8	78·1	78·3	79·1	79·3	79·9	82·2	83·5	84·3	84·9	87·1	87·5	87·3	87·3	82·0
18	86·5	84·6	83·4	82·2	81·2	80·3	81·3	80·6	80·8	80·6	80·5	80·9	81·3	80·4	80·4	82·3	85·3	87·1	88·7	90·3	91·8	93·8	93·6	91·5	84·6
19	91·3	85·1	84·5	83·3	83·3	82·5	82·3	81·9	81·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	80·8	80·3	80·1	79·8	78·3	78·5	79·3	81·8	84·3	85·3	87·3	87·5	88·2	88·7	87·3	83·5
21	86·2	83·9	82·5	82·3	82·1	81·3	81·3	81·2	80·7	80·4	80·2	79·8	79·3	79·3	81·0	83·2	84·5	87·1	87·5	86·3	87·1	89·5	89·1	87·6	83·5
22	85·9	84·3	82·6	82·5	82·3	82·0	81·8	81·3	80·6	80·1	79·6	79·6	79·6	80·5	82·3	82·8	81·3	84·1	86·3	86·8	85·5	88·3	87·6	86·6	83·1
23	86·5	83·8	83·1	82·3	81·7	81·5	81·3	81·0	80·8	80·4	80·1	79·8	79·5	79·7	81·1	83·5	87·3	88·5	91·0	91·3	90·3	90·3	89·8	88·5	84·3
24	86·4	84·2	83·4	83·3	82·6	82·5	82·4	81·9	81·7	81·5	81·3	81·1	80·9	79·3	79·9	83·3	85·5	88·5	90·5	91·3	90·1	89·3	89·1	88·0	84·5
25	86·3	84·3	83·3	82·7	82·5	82·5	82·5	82·3	81·5	81·3	81·1	81·1	81·0	80·6	81·4	84·3	86·8	89·6	92·4	93·8	92·8	92·0	91·1	88·8	85·3
26	87·2	85·3	84·2	83·5	83·5	82·6	80·3	80·5	80·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	79·0	77·9	78·1	78·3	78·3	79·3	81·5	85·5	88·8	92·6	92·2	92·0	93·3	91·2	90·3	84·4
28	86·5	84·3	83·4	82·5	81·2	80·7	80·2	79·5	79·5	78·5	77·5	76·9	76·3	76·0	78·0	81·3	84·8	88·0	90·3	93·3	92·3	91·0	89·8	88·3	83·3
29	88·0	86·3	84·5	84·3	84·3	83·2	82·6	82·3	81·3	80·8	80·3	79·3	78·3	77·5	79·3	82·4	86·5	89·1	91·7	93·0	92·8	93·0	91·2	87·8	85·0
30	80·5	80·0	79·8	79·3	79·3	79·1	78·6	77·9	78·1	77·7	77·3	77·4	77·5	77·0	77·5	80·1	84·3	88·3	90·5	92·5	94·2	93·3	94·0	94·3	82·9
Means	87·6	85·5	84·1	83·4	82·8	82·4	82·0	81·7	81·4	81·0	80·7	80·4	80·1	79·8	80·7	82·9	85·2	87·7	89·7	91·3	91·6	91·6	91·0	89·5	84·8
OCTOBER 1857																									
1	89·8	87·3	85·6	84·6	83·8	82·5	81·7	81·1	81·1	* 80·2	79·3	* 78·7	78·1	78·0	79·8	82·3	85·5	88·8	90·5	93·3	92·8	91·8	91·4	96·2	84·9
2	88·4	87·3	85·5	84·7	83·9	83·0	82·3	81·3	70·9	71·9	72·9	73·6	74·2	75·3	76·3	79·8	82·5	85·5	88·3	89·0	89·1	88·8	88·1	85·8	82·0
3	85·6	84·3	82·5	81·4	80·4	79·6	78·5	78·0	78·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	78·7	79·5	78·9	78·3	78·1	78·4	81·3	84·5	87·5	90·3	91·8	91·3	91·1	88·9	87·5	83·1
5	86·6	85·3	83·5	83·3	82·8	82·1	81·3	80·3	79·6	78·8	78·0	77·7	77·4	77·1	78·3	81·3	85·3	88·1	90·3	92·3	94·2	89·9	90·3	87·0	83·8
6	85·0	84·8	84·5	84·3	83·1	83·5	82·3	80·6	80·3	79·9	79·5	79·4	79·2	78·9	79·8	82·6	85·6	87·8	89·1	90·3	89·4	89·7	88·3	87·5	84·0
7	86·6	85·0	84·1	83·5	83·3	83·0	82·3	82·1	79·6	78·9	78·3	78·2	78·1	77·7	78·8	81·6	85·6	87·8	88·3	88·3	88·2	88·3	88·1	86·5	83·4
8	85·5	84·3	83·2	82·7	82·5	82·4	82·2	81·5	80·2	79·3	78·5	78·2	77·8	77·3	78·3	83·2	86·3	87·1	89·0	88·6	88·5	88·3	87·3	87 3	83·3
9	86·3	84·8	84·1	84·0	83·5	82·5	81·6	81·1	79·3	78·9	78·5	78·3	78·1	78·1	78·4	81·5	84·8	86·1	88·5	88·8	88·3	88·1	88·8	86·8	83·3
10	86·1	84·3	83·4	83·2	82·6	82·4	82·3	82·3	81·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	80·4	79·3	77·8	76·3	76·5	77·3	75·6	75·6	75·3	74·4	74·4	75·6	76·3	76·3	76·5	79·0
12	76·1	76·1	75·9	75·6	75·3	75·1	75·0	74·8	74·8	75·0	75·3	75·3	75·2	74·7	74·7	75·3	77·1	78·7	79·5	81·3	82·0	83·3	81·3	80·5	77·0
13	79·6	76·5	76·2	77·3	77·5	77·1	77·8	77·4	78·2	77·7	77·3	77·3	77·3	77·8	77·8	80·2	79·5	79·1	84·3	84·9	84·3	85·2	84·6	84·3	79·5
14	82·8	80·2	78·7	78·3	78·3	77·5	77·5	77·5	76·2	76·2	76·3	76·1	75·8	76·1	75·5	75·4	75·5	74·4	74·9	75·3	75·2	75·5	74·9	75·2	76·6
15	75·0	75·0	74·4	75·0	74·9	74·9	74·6	73·9	73·9	74·1	74·4	74·4	74·4	74·4	75·3	77·5	80·3	77·8	78·0	79 8	82·3	83·0	82·6	82·9	76·8
16	82·1	81·0	79·5	79·5	78·3	78·1	77·7	77·6	77·2	76·8	76·5	76·3	76·1	76·0	76·1	76·5	78·3	80·3	81·5	83·3	83·5	84·7	83·5	83·3	79·3
17	82·3	81·1	80·4	79·5	78·8	78·2	77·5	77·2	76·6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	76·4	76·3	76·1	75·8	76·1	77·1	79·5	81 5	84·3	82·1	85·3	85·2	85·1	84·6	83·9	80·0
19	83·3	81·8	80·9	80·1	79·7	78·8	77·8	77·4	77·2	77·2	77·2	77·3	77·3	76·3	76·8	77·5	80·3	82·9	84·9	83·1	86·0	84·3	83·9	83·3	80·2
20	82·3	81·5	81·1	81·0	80·3	79·5	78·9	78·1	77·5	77·3	77·2	77·2	77·1	76·4	76·5	78·4	80·1	82·6	85·5	83·6	84·8	85·3	85·5	83·3	80·5
21	81·3	81·1	80·5	80·4	79·9	78·3	75·5	76·3	75·8	75·2	74·6	74·4	74·1	74·1	75·2	76·2	77·2	77·5	78·6	79·1	79·5	79·1	80·1	80·3	77·7
22	78·8	79·1	79·1	79·3	79·4	79·2	79·1	78·3	78·3	78·5	78·8	77·1	75·3	75·2	74·4	74·6	77·5	77·3	79·3	79·2	79·7	79·8	79·5	79·1	78·2
23	77·9	77·3	76·5	75·5	75·5	75·3	75·1	75·0	74·9	75·0	75·1	74·8	74·4	74·4	73·6	73·6	73·6	74·3	73·9	75·3	75·3	75·3	75·0	75·0	75·1
24	74·9	74·6	74·5	74·5	74·6	74·4	73·4	73·4	73·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	74·6	75·8	75·6	75·3	75·5	75·5	76·2	76·5	75·5	74·7	75·3	75·3	75·3	75·8	75·8	75·0
26	76·1	76·4	76·3	76·1	76·0	75·8	75·3	75·3	75·2	75·2	75·3	75·3	75·3	75·3	75·3	76·1	77·6	78·6	79·3	79·1	79·3	79·3	78·3	78·3	76·7
27	78·5	78·3	77·0	76·9	76·9	77·3	76·8	76·3	76·2	75·9	75·6	75·9	76·1	75·5	75·3	76·5	80·1	81·3	82·0	82·6	84·0	82·8	82·5	82·3	78·4
28	80·3	80·0	78·7	78·5	77·9	77·4	76·9	76·1	75·5	75·4	75·3	75·2	75·0	74·6	74·6	76·3	78·4	81·2	81·9	83·0	82·8	82·8	81·5	80·7	78·3
29	80·0	78·3	77·0	76·1	75·5	74·6	73·9	73·6	73·6	73·4	73·2	72·8	72·4	71·8	71·5	73·5	76·5	79·3	81·3	82·3	81·8	83·1	81·8	80·7	76·6
30	79·6	77·8	77·0	77·0	76·3	76·3	76·0	76·1	76·3	75·5	74·7	74·6	74·4	74·0	74·2	75·8	76·3	76·3	76·7	77·3	77·3	77·5	77·7	77·5	76·3
Means	82·0	80·9	80·0	79·7	79·3	78·8	78·2	77·8	77·0	76·8	76·6	76·4	76·1	76·0	76·3	78·0	80·1	81·4	82·6	83·3	83·7	83·6	83·1	82·4	79·6

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

DRY STANDARD THERMOMETER No. 7

(Corrected to the Kew Observatory Standard Thermometer)

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	o	o	o	o	o	o	o	o	o	* o	o	* o	o	o	o	o	o	o	o	o	o	o	o	o	o
Oct. 31	76·3	76·0	75·2	75·2	74·7	74·4	74·5	74·8	74·9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1	—	—	—	—	—	—	—	—	—	74·7	74·6	75·2	75·8	77·2	77·0	75·5	77·2	80·3	82·5	83·3	84·1	84·5	85·1	83·5	77·8
2	82·1	80·3	79·5	79·1	79·1	80·0	79·9	79·7	79·3	78·5	77·8	77·6	77·4	76·6	77·1	78·7	79·2	78·1	80·6	83·8	84·8	84·3	84·1	82·5	80·0
3	81·1	80·1	79·5	79·4	79·4	79·3	79·5	79·1	79·0	78·6	78·3	77·5	76·6	76·2	76·3	80·0	80·8	82·3	82·3	84·5	82·8	84·1	83·5	83·1	80·1
4	81·5	80·1	79·7	79·4	79·0	78·8	78·4	78·7	77·7	77·1	76·5	76·3	76·0	75·1	76·1	78·8	79·2	81·4	84·1	85·3	84·1	83·3	83·3	82·5	79·7
5	81·3	80·1	79·2	78·6	78·5	78·3	78·1	77·5	77·5	77·4	77·3	76·9	76·4	76·3	77·5	80·3	80·7	81·7	83·1	83·4	84·0	83·3	83·0	82·4	79·7
6	81·1	79·1	78·4	78·1	77·5	77·0	76·5	75·6	75·3	75·1	75·0	74·3	73·6	73·7	75·1	78·5	79·6	81·3	82·6	83·3	83·5	83·3	83·2	82·1	78·4
7	81·5	79·3	78·5	78·2	77·5	76·8	76·3	75·5	75·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	—	74·3	73·4	73·0	72·5	72·9	74·0	76·5	79·2	80·8	80·5	82·1	81·9	81·6	81·3	81·1	77·7
9	80·1	78·3	76·6	76·3	75·4	75·3	75·1	74·9	74·6	74·5	74·4	74·4	74·4	73·5	75·3	78·5	79·8	80·5	81·4	81·5	82·1	81·5	81·3	80·5	77·5
10	79·5	78·4	77·4	76·5	75·3	75·1	74·5	74·0	72·6	72·0	71·4	71·3	71·1	71·0	71·6	75·3	78·0	78·4	80·4	81·1	81·1	81·2	80·5	80·1	76·2
11	78·4	77·2	76·3	76·3	75·2	75·5	75·1	74·8	73·4	72·8	72·3	71·8	71·2	70·5	71·2	74·6	78·0	78·6	79·4	80·3	80·5	80·8	81·1	80·3	76·1
12	79·5	78·0	76·7	76·3	75·3	74·2	73·8	73·0	72·8	72·1	71·4	71·0	70·6	70·4	71·5	73·6	76·0	78·4	79·5	81·1	81·3	81·5	81·1	79·5	75·8
13	79·0	77·3	76·3	75·6	75·3	74·6	75·5	75·1	74·6	75·0	75·4	74·4	73·4	70·9	72·1	73·2	75·8	79·5	80·4	82·1	81·1	81·3	80·2	80·1	76·6
14	79·3	78·3	77·2	76·3	76·3	76·3	75·7	74·8	74·6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	74·0	73·4	72·8	72·2	72·6	73·4	73·7	73·4	73·4	73·9	75·3	77·1	78·6	76·8	76·3	75·2
16	75·2	75·1	74·6	75·3	75·3	75·3	75·2	74·6	73·6	73·5	73·4	73·5	73·5	74·4	76·6	79·1	80·5	80·6	81·3	81·5	82·0	81·5	81·5	80·5	77·0
17	79·5	78·5	78·3	77·7	77·7	77·0	76·7	75·9	76·3	76·0	75·8	75·7	75·6	76·1	75·9	75·5	77·9	79·7	80·1	81·3	81·5	81·1	81·2	79·5	77·9
18	79·1	78·3	77·5	77·7	76·8	77·0	77·1	76·8	76·5	75·4	74·3	73·6	72·9	72·9	72·4	73·7	74·4	75·8	78·6	80·1	80·5	80·3	80·3	79·5	76·7
19	79·1	77·5	76·5	76·3	76·2	76·2	76·0	75·6	74·4	73·9	73·4	72·9	72·4	71·9	72·3	73·2	72·9	73·3	75·5	78·6	79·5	79·2	78·6	78·1	75·6
20	77·3	76·3	75·7	75·7	75·0	74·6	73·9	73·6	72·9	72·1	71·4	70·5	69·6	69·5	71·1	71·4	72·6	74·6	77·8	78·8	79·3	79·3	79·1	77·5	74·6
21	76·8	75·7	74·9	74·1	73·4	72·8	71·9	70·9	70·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	71·0	71·4	71·4	71·3	71·2	71·3	71·4	74·2	75·6	77·8	78·3	79·5	80·3	79·3	78·3	74·3
23	77·3	76·3	76·3	76·0	76·0	75·6	75·3	74·7	73·9	73·1	72·4	72·3	72·1	71·6	71·6	73·6	75·3	77·4	78·2	80·3	81·3	81·3	80·7	80·1	75·9
24	78·3	77·1	75·7	75·3	75·1	74·4	74·4	73·5	73·2	72·5	71·8	71·0	70·1	70·0	70·6	73·2	75·4	77·3	78·4	80·3	81·0	81·1	80·3	79·5	75·4
25	78·2	76·3	74·9	74·0	73·6	72·8	72·1	71·8	70·8	70·1	69·4	69·3	69·2	68·3	69·1	72·3	74·6	76·5	78·5	79·5	80·4	80·8	80·2	79·3	74·3
26	78·3	76·3	74·9	74·2	73·4	72·6	70·8	70·6	70·1	69·3	68·6	68·2	67·7	67·4	68·6	71·3	74·1	77·1	79·3	81·5	82·3	82·3	81·8	80·3	74·2
27	79·1	77·5	76·8	76·5	76·3	75·4	75·3	74·3	73·0	71·8	70·7	70·6	70·4	70·4	70·6	72·7	76·7	79·3	81·2	82·1	81·8	82·1	81·3	81·1	76·2
28	79·7	78·3	77·3	76·8	76·2	76·1	75·6	75·4	75·1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	—	72·7	70·4	70·1	69·7	69·6	70·4	73·6	76·3	78·3	79·4	81·6	81·4	81·7	81·3	79·8	76·1
30	78·7	76·6	76·1	75·7	75·3	74·9	74·7	74·2	74·2	72·1	70·0	69·1	68·2	68·2	69·4	72·5	75·4	78·5	79·4	80·4	80·2	80·2	80·0	79·5	75·1
Means	79·1	77·8	76·9	76·6	76·1	75·8	75·5	75·0	74·5	73·8	73·2	72·9	72·5	72·2	73·0	75·0	76·8	78·4	79·9	81·2	81·5	81·5	81·2	80·3	76·7
1	78·8	77·3	76·7	76·3	76·1	75·0	74·6	74·4	72·7	* 72·0	71·4	* 71·0	70·6	70·4	72·0	75·3	77·6	79·4	79·4	79·3	79·8	79·1	79·3	79·3	75·7
2	78·1	77·3	76·1	75·5	75·4	74·6	73·6	73·4	72·4	71·2	70·0	69·7	69·4	69·5	69·9	73·4	77·1	77·8	79·3	79·5	79·8	79·1	79·3	79·5	75·0
3	77·9	77·1	75·6	75·2	75·2	74·1	73·7	71·7	70·2	69·3	68·4	69·3	70·2	69·7	69·6	72·2	74·6	77·8	79·3	79·1	79·7	79·4	79·8	79·3	74·5
4	78·2	77·0	75·5	74·7	74·7	74·8	74·8	74·2	74·0	72·3	70·6	70·5	70·4	69·6	70·2	75·3	76·7	78·0	78·8	79·6	80·2	80·1	79·3	77·8	75·3
5	77·7	77·3	76·4	75·7	75·7	75·9	75·5	75·2	73·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	72·0	70·2	70·3	70·4	70·0	69·4	72·7	75·5	76·5	77·5	78·5	79·3	79·4	79·3	77·3	75·1
7	76·0	75·3	73·9	72·4	71·5	69·3	68·7	68·0	67·4	66·9	66·4	66·2	65·9	64·9	65·1	68·6	72·9	74·6	75·6	77·3	78·5	77·5	78·8	77·5	71·7
8	76·8	74·4	72·6	70·4	69·9	69·8	69·8	70·4	70·2	70·2	70·2	70·2	70·1	70·3	70·6	70·4	71·5	74·3	76·1	76·5	77·6	76·2	75·3	75·1	72·4
9	74·8	73·8	72·9	72·0	72·0	70·8	69·5	68·6	68·2	67·4	66·6	66·1	65·6	65·3	65·7	67·9	71·6	73·9	75·5	76·3	77·2	78·0	76·3	75·8	71·3
10	74·8	74·4	73·9	73·7	73·4	73·0	72·4	70·4	70·2	69·8	69·4	69·4	69·3	69·1	68·2	68·4	68·8	68·8	69·3	71·6	71·7	73·2	74·0	74·1	71·3
11	73·6	72·6	72·6	74·3	75·2	75·3	75·3	75·3	75·8	75·9	76·1	76·2	76·3	76·2	76·1	77·5	78·0	78·1	78·3	78·5	81·5	77·4	77·2	77·1	76·3
12	76·0	75·3	75·3	74·9	74·4	74·9	73·6	73·1	72·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	73·1	73·4	73·3	73·1	72·4	72·5	73·9	77·3	78·9	80·8	80·6	81·1	81·2	80·8	79·8	75·9
14	78·6	77·5	76·5	75·9	75·5	75·1	75·0	73·1	72·2	71·7	71·2	71·2	71·1	71·4	70·6	72·9	75·6	78·3	80·1	80·8	80·2	81·3	81·0	80·0	75·7
15	79·0	77·0	75·5	75·3	75·2	74·5	72·9	72·4	70·6	70·1	69·6	69·7	69·8	69·4	69·9	72·6	75·8	77·3	79·5	79·8	80·3	80·3	80·0	79·1	74·8
16	77·9	76·1	74·9	73·8	72·6	71·0	69·4	67·9	68·5	68·0	67·5	67·3	67·1	66·6	67·4	71·2	74·3	76·3	78·6	78·8	79·4	79·6	79·3	78·8	73·0
17	77·3	75·3	73·6	73·6	73·4	73·2	72·9	72·7	72·4	71·6	70·9	69·5	68·1	67·4	68·0	71·1	73·7	76·2	77·8	80·3	80·5	80·1	80·0	79·0	74·1
18	77·7	76·1	74·2	72·8	72·4	72·3	70·2	69·4	68·5	68·8	69·2	69·3	69·4	70·7	70·8	74·4	76·1	78·3	78·5	79·5	79·8	76·8	74·2	73·6	73·5
19	73·4	73·9	74·4	75·2	74·6	73·6	72·9	72·6	72·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	72·0	71·7	71·6	71·4	71·4	71·4	72·2	75·3	77·3	78·8	79·4	79·3	79·3	79·0	78·3	74·6
21	77·5	76·5	76·1	75·5	75·2	74·7	74·6	74·4	73·9	73·5	73·2	73·3	73·4	73·9	73·9	75·1	76·5	78·3	78·4	79·0	79·5	79·6	79·1	78·3	76·0
22	77·3	75·8	74·6	74·4	73·8	73·8	73·9	73·9	73·4	73·8	74·2	74·2	74·2	73·6	72·9	74·2	76·3	76·5	78·3	79·1	79·3	78·6	78·8	78·1	75·5
23	77·0	75·3	74·4	72·5	72·1	70·5	70·1	70·6	70·7	69·8	68·9	68·4	67·9	67·6	68·4	71·0	74·1	77·2	78·2	78·4	78·8	78·4	78·5	77·6	73·2
24	77·0	75·5	75·1	74·3	74·1	74·1	73·6	73·6	73·2	73·1	73·0	73·0	72·9	71·6	72·2	73·1	76·5	77·7	78·3	79·0	79·0	78·3	78·5	77·8	75·2
25	76·3	75·3	74·7	74·7	74·9	75·0	75·0	74·9	74·9	74·5	74·1	73·8	73·4	72·8	72·8	74·4	75·6	77·3	78·3	78·6	79·5	79·1	78·3	77·1	75·6
26	77·2	75·5	73·9	72·1	71·4	71·4	71·4	70·4	69·1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	68·2	67·4	67·4	67·3	67·0	67·3	69·3	73·0	77·1	78·3	77·9	77·9	77·6	77·1	77·1	72·6
28	75·6	74·7	74·5	74·3	73·9	73·9	74·1	74·1	73·2	73·4	73·7	73·7	73·7	73·8	72·6	70·9	75·5	77·6	77·7	77·9	78·5	78·8	78·8	77·0	75·1
29	76·3	75·6	74·7	74·1	73·6	73·6	73·3	73·2	71·8	71·5	71·2	69·9	68·5	68·2	68·2	70·6	73·6	76·3	78·3	79·3	79·8	79·0	78·1	77·3	74·0
30	76·8	76·3	76·1	75·8	74·9	75·0	74·8	74·8	75·8	75·2	74·6	74·1	73·6	73·1	72·7	73·3	75·0	77·5	78·3	79·3	79·5	79·8	79·3	79·0	76·0
31	77·3	76·2	75·3	75·3	75·2	75·0	74·8	74·6	74·6	74·6	74·6	73·1	71·6	70·9	70·6	71·6	76·5	78·1	78·2	78·3	79·3	78·5	77·8	77·1	75·4
Means	76·8	75·7	74·8	74·2	73·9	73·5	73·0	72·5	72·0	71·5	71·0	70·8	70·5	70·3	70·3	72·4	75·0	76·9	78·0	78·6	79·1	78·7	78·4	77·7	74·4

NOVEMBER 1857

DECEMBER 1857

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

WET THERMOMETER, STANDARD No. 8

(Corrected to the Kew Observatory Standard Thermometer)

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	o	o	o	o	o	o	o	o	o	* o	o	* o	o	o	o	o	o	o	o	o	o	o	o	o	o
JANUARY 1857 1	72·1	72·3	72·4	72·1	71·8	71·7	71·0	71·2	71·5	71·4	71·4	71·3	71·1	71·1	70·5	71·3	71·8	71·7	72·7	72·3	72·2	71·5	70·8	70·5	71·6
2	71·5	69·6	69·5	69·0	68·8	68·8	68·6	68·6	69·5	69·2	69·0	68·7	68·3	68·2	68·0	68·8	71·2	71·4	71·9	72·1	72·2	73·0	71·5	71·1	69·9
3	71·3	70·6	70·6	70·7	71·2	71·6	71·2	70·8	70·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	70·4	70·7	70·5	70·3	70·0	70·0	70·5	72·8	72·3	72·9	73·0	73·2	73·2	73·4	72·9	71·4
5	72·7	72·3	71·5	71·2	71·3	71·2	70·8	70·6	70·3	70·3	70·3	69·9	69·5	69·8	69 6	71·0	71·3	72.1	72·2	71·5	72·1	72·3	72·8	71·7	71·2
6	71·1	70·3	71·0	69·7	69·1	69·3	68·3	68·0	67·7	68·0	68·3	67·9	67·5	66·4	66·6	68·8	69·1	69·0	69·2	69·6	70·5	70·6	71·1	70·8	69·1
7	70·5	70·3	69·6	69·6	69·3	69·1	68·1	68·2	67·7	67·7	67·8	67·8	67·8	67·3	67·3	69·1	70.1	68·9	69·5	70·3	70·3	71·2	70·7	70·3	69·1
8	69·3	69·1	69·1	68·8	69·0	68·7	68·8	69·0	69·5	69·4	69·3	69·0	68·7	68·8	68·4	70·0	70·8	71·3	71·5	72·3	72·6	72·1	71·8	71·3	69·9
9	71·3	71·3	70·6	70·6	70·5	70·5	69·8	70·3	71·5	70·7	70·0	69·9	69·8	68·8	68·5	70·1	71·2	71·3	71·5	72·3	72·3	72·5	72 3	72·1	70·8
10	70·9	70·8	70·5	70·5	70·4	70·1	69·7	69·3	68·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	69·1	69·5	69·5	69·5	69·3	69·8	71·1	72·0	71·5	72·5	72·7	72·8	72·3	71·8	71·7	70·7
12	71·1	69·8	68·7	68·6	68·4	68·3	68·3	68·3	68·1	67·7	67·3	66·6	65·9	66·2	66·1	68·2	68·7	68·8	70·7	71·3	70·5	69·8	70·5	70·3	68·7
13	68·8	68·1	68·0	67·9	68·0	67·8	68·2	67·3	67·8	67·9	68·1	68·2	68·3	68·3	68 2	68·3	69·3	70·0	70·2	71·1	71·3	70·7	70·3	70·3	68·8
14	69·8	69·0	69·0	68·3	68·3	68·0	67·9	67·9	68·0	67·6	67·2	67·0	66·8	67·3	67·2	68·0	69·5	70·1	70·3	69·8	70·6	70·4	70·6	70·9	68·7
15	71·0	70·3	69·5	69·5	69·6	69·4	69·4	69·3	70·2	70·2	70·3	70·0	69·7	69·4	69·5	69·5	70·1	71·8	72·4	73·2	73·4	72·6	72·1	72·2	70·6
16	71·3	70·8	70·3	70·3	70·3	70·2	70·0	69·8	69·4	68·8	68·3	67·7	67·1	66·7	66·4	66·8	69·1	71·0	71·8	71·3	71·1	70·3	69·3	69·3	69·5
17	69·1	68·3	67·9	67·4	67·4	67·3	67·1	66·3	66·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	66·2	66·1	66·0	65·9	65·7	65·6	67·6	69·8	70·1	68·8	69·1	69·9	70·5	69·9	70·3	67·9
19	69·5	69·3	68·5	68·5	68·2	68·1	68·3	68·4	67·9	67·8	67·8	67·1	66·4	66·2	66·4	68·1	68·7	70·5	70·3	70·6	70·1	69·9	69·5	69·3	68·6
20	69·1	68·6	67·7	67·5	67·2	66·7	66·6	66·1	66·4	65·5	64·7	64·7	64·6	64·3	64·9	66·2	68·2	69·3	68·3	68·3	69·1	69·2	69 3	69·1	67·2
21	68·3	67·9	66·7	66·1	65·9	66·4	66·6	67·0	66·4	65·6	64·9	64·6	64·2	64·0	63·6	66·9	67·3	66·2	68·5	68·2	67·6	68·5	68·0	67·2	66·5
22	66·7	65·6	67·0	66·4	66·3	66·4	66·1	64·4	65·2	64·6	64·1	63·9	63·7	63·4	63·5	65·3	66·2	67·6	65·8	66·1	66·4	66·4	66·4	65·9	65·6
23	66·0	65·3	65·1	64·5	64·3	64·4	64·4	64·4	63·0	62·5	62·0	62·7	63·4	62·5	63·0	64·9	66·4	67·0	66·7	66·9	67·3	67·3	67·6	67·3	65·0
24	67·3	66·8	66·6	66·6	66·6	66·4	66·5	66·1	65·6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	67·4	69·3	68·4	67·4	67·1	66·2	67·4	68·8	69·8	70·3	71·3	71·0	71·2	71·3	71·1	68·2
26	70·5	70·3	70·2	70·2	70·1	70·1	70·1	70·1	69·3	69·4	69·6	70·0	70·3	70·5	70·8	71·1	71·8	72·3	71·8	71·1	71·5	71·3	71·3	71·3	70·6
27	71·8	71·5	71·4	70·3	70·3	70·3	70·3	70·3	70·7	71·0	71·3	71·2	71·1	70·9	71·1	71·9	72·5	73·8	73·6	73·4	73·2	73·2	73·8	73·2	71·8
28	72·8	72·1	71·2	71·2	72·1	71·1	71·1	71·1	70·3	70·3	70·3	70·4	70·4	70·3	69·6	70·8	72·2	73·4	74·4	75·2	74·4	73·2	74·2	73·9	71·9
29	73·8	73·2	72·3	72·4	72·4	71·9	71·8	71·7	72·3	71·8	71·4	70·9	70·3	70·3	69·6	71·5	72·8	73·4	73·4	74·2	74·0	74·9	75·0	74·2	72·5
30	73·7	73·2	73·2	73·3	73·2	73·2	72·3	71·5	70·5	70·7	71·0	70·7	70·3	70·0	69·9	71·2	73·2	74·2	74·6	75·0	75·4	74·8	74·5	74·4	72·7
Means	70·4	69·9	69·5	69·3	69·2	69·1	68·9	68·7	68·6	68·5	68·5	68·3	68·0	67·8	67·7	69·0	70·2	70·7	71·0	71·2	71·3	71·3	71·1	70·9	69·6
Jany. 31	74.5	74·1	73·3	73 3	73·0	73·0	72·9	72·1	71·3	* —	—	* —	—	—	—	—	—	—	—	—	—	—	—	—	—
FEBRUARY 1857 1	—	—	—	—	—	—	—	—	—	69·4	67·5	67·4	67·3	67·0	67·4	69·6	72·3	74·0	74·2	74·2	74·1	74·0	74·8	74·1	71·9
2	73·9	73·1	73·1	72·2	71·3	70·7	70·6	70·3	69·3.	69·6	70·0	69·7	69·3	68·5	68·3	70·3	72·0	73·7	73·9	72·0	73·1	73·7	74·0	73·7	71·5
3	72·5	72·1	72·8	71·2	71·0	70·2	69·1	68·8	68·3	67·9	67·5	67·3	67·1	66·9	65·6	68·1	70·9	72·6	72·2	73·1	73·8	73·2	72·8	71·8	70·3
4	71·9	71·0	71·1	69·9	69·1	67·8	67 4	67·3	66 0	65·7	65·4	64·9	64·3	64·9	64·9	67·8	70·2	70·6	69·5	70·3	70·3	70·1	70·2	70·3	68·4
5	70·5	70·0	70·1	69·0	68·0	67·4	67·1	66·6	65·4	65·4	65·4	65·3	65·2	65·4	64·9	67·1	68·8	70·5	70·7	71·3	70·8	72·3	70·2	70·8	68·3
6	69·6	69·5	69·5	69·5	69·3	69·2	69·0	69·1	69·3	68·4	67·5	67 2	66·9	66·4	67·8	69·1	70·3	71·0	70·6	69 9	71·1	71·4	71·3	71·5	69·4
7	70·8	71·0	71·4	71·1	70·4	70·2	69·9	67·5	67·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	—	67·8	68·3	67·8	67·3	67·6	67·5	69·6	71·5	73·0	72·2	71·3	71·8	71·3	71·7	71·7	70·0
9	71·8	71·5	71·1	70·4	69·6	69·3	68·2	68·2	68·3	67·8	67·3	67·1	66·8	67·1	67·2	69·3	71·1	72·2	71·6	71·1	71·8	72·1	72·3	72·3	69·8
10	71·5	71·8	71·3	71·2	71·2	71·1	70·3	69·3	69·1	68·7	68·3	68·4	68·4	68·3	67·8	70·1	72·5	72·6	73·2	73·0	72·5	72·7	72·8	72·3	70·8
11	73·6	73·2	73·2	72·8	71·4	71·4	70·5	69·6	69·3	68·8	68·3	68·4	68·5	68·3	68·3	70·8	72·4	73·9	74·2	76·0	75·7	75·3	74·3	73·2	71·7
12	73·7	73·4	73·3	73·2	73·1	73·1	72·8	71·3	69·9	69·8	69·7	69·6	69·5	70·0	69·8	71·9	74·2	75·9	75·1	72·0	72·0	72·0	72·3	74·0	72·2
13	73·9	72·9	73·2	72·6	72·5	72·6	72·5	72·1	71·5	70·7	70·0	69·7	69·3	68·8	69·2	71·4	73·4	74 4	75·1	75·7	75·8	74·9	75·4	74·0	72·6
14	74·3	73·2	73·2	73·1	72·8	72·1	71·3	71·1	70·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	70·2	70·1	69·8	69·5	69·4	69·6	71·4	73·0	73·4	74·7	73·7	74·0	74·4	75·0	75·2	72·3
16	74·0	73·2	72·8	73·0	72·1	72·1	71·9	71·7	71·8	70·5	69·3	69·3	69·3	69·4	70·0	71·8	73·4	73·5	73·2	72·4	72·0	72·6	72·1	72·1	71·8
17	71·5	71·7	71·2	70·8	70·2	70·2	69 4	68·8	68·3	67·9	67·5	67·0	66·4	66·0	66·2	68·4	70·2	69·3	70·3	70·3	70·9	70·3	71·2	69·2	69 3
18	69·6	69·3	68·3	69·1	69·5	69·0	68·8	68·4	69·3	68·5	67·7	67·3	66·9	66·4	67·1	69·8	71·2	72·3	72·3	71·8	72·5	72·3	71·1	71·3	69·6
19	70·8	70·0	70·0	69·8	69·5	69·5	68·9	67·6	66.9	66·8	66·8	65·7	64·5	64·4	65·0	67·4	70·1	71·3	71·7	71·5	71·1	72·3	72·4	72·6	69.0
20	72·5	71·6	71·8	72·3	72·0	70·0	69·3	68·4	68·3	67·8	67·3	66·4	65·5	64·9	66·0	68·0	70·9	72·5	71·5	67·8	72·3	73·4	72·7	72·1	69·8
21	70·3	70·2	70 2	69·3	67·8	67·8	67·5	67·3	66·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	66·6	66·8	66·1	65 3	65·4	66·2	69·0	72·0	73·4	73·9	75·3	74·4	73·9	71·8	72·0	69·5
23	72·6	72·3	71·3	70·7	69·6	68·5	67·9	66·4	66·2	66·3	66 4	65·8	65·2	63·8	63·0	66·8	68·8	70·3	71·3	72·3	72·5	72·3	72·0	72·1	68·9
24	72·4	72·2	71·2	69·6	68.5	67·8	67·3	66·4	64·7	65·1	65·5	65·0	64·4	64·2	64·4	67·0	69·1	69·1	68·5	68·8	68·9	70·3	71·5	71·1	68·0
25	71·5	72·8	71·2	70·2	69·5	68·4	67·5	67·1	67·1	66·2	65·4	64·9	64·4	63·2	63·0	65·4	66·9	67·6	66·4	67·8	68·3	71·5	73·9	73·1	68·1
26	73·2	73·9	73·2	71·8	72·0	71·3	70·8	70·0	69·1	69·2	69·3	69·8	70·3	69·5	70·1	71·8	72·8	72·9	73·6	73·0	74·7	74·5	74·7	74·0	71·9
27	74·2	73·4	73·1	72·7	71·8	72·0	71·5	71·3	69·5	69·0	68·5	68·5	68·5	67·6	67·9	71·3	73·1	74·2	74·6	74·6	75·6	75·4	74·4	73·4	71·9
28																									
Means	72·3	72·0	71·7	71·2	70·6	70·2	69·7	69·0	68·5	68·1	67·7	67·4	67·1	66·8	67·0	69·3	71·3	72·3	72·3	72·1	72·5	72·8	72·7	72·4	70·3

* The numbers in these columns are not observed but interpolated for the sake of obtaining the daily means.

WET THERMOMETER, STANDARD No. 8

(Corrected to the Kew Observatory Standard Thermometer)

	Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
	Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
		o	o	o	o	o	o	o	o	o	* o	o	* o	o	o	o	o	o	o	o	o	o	o	o	o	o
MARCH 1857	Feb. 28	74·1	73·4	72·3	72·3	71·7	71·3	71·3	70·8	69·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	1	—	—	—	—	—	—	—	—	—	67·5	65·6	65·5	65·4	65·4	65·4	69·0	69·3	70·7	71·3	72·6	70·5	72·1	72·0	73·1	70·1
	2	73·4	73·3	72·8	72·6	73·0	73·0	72·9	71·8	71·0	70·6	70·3	70·3	70·3	70·1	69·5	72·3	73·7	74·4	74·2	74·7	75·4	74·0	70·8	72·5	72·4
	3	73·3	73·9	73·2	73·2	73·9	73·4	73·4	73·1	72·3	71·8	71·3	71·3	71·3	70·1	70·3	72·3	74·6	75·6	76·9	76·5	76·2	76·5	76·9	75·7	73·6
	4	76·4	75·5	74·4	73·7	74·4	74·4	73·9	73·4	72·5	71·8	71·1	70·7	70·3	70·1	70·3	73·9	74·8	75·2	75·2	75·3	75·4	75·7	75·4	76·0	73·7
	5	75·4	74·4	74·3	74·0	73·4	73·2	73·2	72·5	71·5	71·1	70·8	70·5	70·1	69·3	69·0	72·9	74·2	74·2	73·4	74·2	73·9	74·0	74·2	72·8	72·8
	6	71·8	71·1	71·4	71·8	72·0	71·2	71·1	71·0	70·5	69·7	69·0	68·7	68·3	67·5	67·6	70·3	73·2	75·2	75·0	75·2	76·0	73·7	74·1	74·7	71·7
	7	74·2	75·2	74·8	74·2	74·1	73·8	73·4	73·3	73·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	8	—	—	—	—	—	—	—	—	—	74·0	74·6	74·7	74·7	74·2	74·7	76·4	76·4	76·9	77·5	77·7	77·9	78·4	78·2	77·7	75·4
	9	77·5	76·2	76·2	76·1	76·0	75·5	75·2	75·2	74·7	74·9	75·2	74·8	74·4	74·2	75·0	75·7	76·6	77·1	77·2	75·9	78·3	76·7	77·4	77·5	76·0
	10	77·4	77·0	76·0	76·0	76·0	75·8	75·7	76·2	76·2	75·3	74·4	74·3	74·2	74·2	74·0	76·2	76·2	77·2	79·2	78·3	78·2	78·0	77·9	77·8	76·3
	11	78·0	77·5	77·4	77·4	76·4	77·0	76·6	76·2	76·7	76·0	75·4	74·9	74·4	74·2	74·7	77·2	77·4	78·0	78·2	77·4	77·7	78·4	77·7	77·4	76·8
	12	77·2	76·4	75·6	75·4	75·3	75·2	75·2	75·2	75·0	74·5	74·0	73·7	73·3	73·2	74·0	76·0	76·4	76·2	76·2	76·4	76·0	76·7	76·7	76·3	75·4
	13	76·7	76·2	75·1	74·9	74·9	75·0	74·2	74·1	74·0	73·6	73·2	72·9	72·5	72·3	71·8	74·6	75·8	75·7	75·2	74·7	76·0	75·1	74·9	75·0	74·5
	14	75·4	73·7	73·0	73·0	73·0	73·2	72·8	71·8	71·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	15	—	—	—	—	—	—	—	—	—	70·7	70·1	69·6	69·1	69·5	70·3	72·1	73·0	72·1	73·0	73·3	73·9	72·3	73·1	73·2	72·2
	16	73·1	72·6	71·3	71·3	71·3	72·1	71·5	71·1	69·9	69·7	69·5	69·4	69·2	69·1	69·3	71·8	73·2	73·6	74·2	73·9	74·2	74·0	73·4	74·5	71·8
	17	74·2	72·6	72·2	72·1	72·1	71·6	71·3	70·7	69·8	69·6	69·4	69·4	69·3	69·3	69·3	72·3	73·2	73·2	73·0	73·8	73·1	73·4	73·4	73·2	71·7
	18	73·5	72·8	72·2	72·2	72·2	72·3	73·3	73·0	70·5	69·9	69·3	68·9	68·5	69·3	70·2	72·8	73·2	73·2	74·5	72·0	72·8	74·0	75·2	75·5	72·1
	19	75·5	74·8	73·8	73·7	73·2	72·5	71·2	70·5	69·7	69·5	69·3	69·1	68·8	68·9	69·0	72·3	74·0	74·7	75·0	73·5	76·0	75·2	73·7	73·9	72·4
	20	73·2	73·1	72·8	72·8	72·8	73·0	73·2	72·9	72·0	71·4	70·8	70·3	69·8	69·3	70·3	72·0	73·2	72·8	73·4	72·1	74·7	76·4	77·0	76·9	72·8
	21	77·2	76·7	76·2	76·2	76·2	76·0	75·3	74·2	74·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	22	—	—	—	—	—	—	—	—	—	73·5	73·1	72·7	72·3	72·0	73·1	75·4	76·1	76·2	75·8	75·1	64·2	65·0	66·6	73·7	73·6
	23	72·3	72·5	72·9	72·3	72·2	72·2	71·5	70·8	69·6	69·3	69·0	68·7	68·3	69·3	69·4	71·7	73·1	74·2	75·4	76·0	76·4	76·0	76·4	76·2	72·3
	24	76·3	75·9	75·4	74·9	74·6	74·4	72·8	72·5	72·8	72·6	72·4	72·4	72·3	72·3	73·2	75·4	76·2	77·2	78·2	77·7	77·7	77·2	76·7	76·5	74·8
	25	75·7	75·4	74·9	74·6	74·4	74·4	74·4	74·2	74·4	74·0	73·7	73·5	73·2	73·2	73·6	75·2	76·9	78·0	78·4	78·2	78·6	79·1	79·2	79·0	75·7
	26	78·7	77·4	77·7	77·2	77·4	77·0	77·0	76·7	77·2	76·9	76·7	75·7	74·6	75·2	76·0	78·2	79·2	79·7	80·4	81·0	80·1	79·8	80·0	79·4	77·9
	27	80·3	79·9	78·9	78·4	78·2	78·1	78·1	77·7	77·3	77·0	76·7	76·0	75·2	75·2	76·0	77·7	78·2	77·9	79·1	80·2	79·7	78·2	78·0	77·7	77·9
	28	77·5	77·4	77·0	76·7	76·4	75·9	75·7	75·2	74·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	29	—	—	—	—	—	—	—	—	—	73·4	72·2	71·3	70·3	71·0	73·2	76·2	77·7	78·2	78·8	77·7	79·0	78·9	78·4	79·2	75·9
	30	79·3	78·5	77·5	77·5	77·4	76·8	76·7	76·6	76·4	76·4	76·4	75·9	75·4	74·4	74·1	76·2	78·2	77·4	78·2	78·3	78·7	78·4	78·2	78·0	77·1
	31	77·5	77·2	76·5	76·4	76·1	76·4	75·9	75·4	74·3	73·7	73·2	73·1	73·0	72·9	73·2	76·0	76·8	76·1	75·4	77·4	78·0	77·2	75·8	75·2	75·5
	Means	75·8	75·2	74·7	74·5	74·4	74·2	74·0	73·6	73·0	72·5	72·1	71·8	71·4	71·3	71·7	74·2	75·2	75·6	76·0	75·9	75·9	75·7	75·6	75·8	74·2
APRIL 1857	1	74·0	74·4	74·4	75·2	75·2	74·8	74·2	73·2	72·6	* 71·8	71·0	* 71·2	71·3	70·8	71·6	75·3	77·2	76·4	78·4	78·4	79·0	79·4	79·0	78·9	74·9
	2	77·5	77·2	76·9	76·9	76·4	76·0	76·6	76·7	74·4	74·0	73·7	73·5	73·2	73·1	73·9	76·4	77·3	78·1	78·5	79·0	78·7	78·9	79·0	78·4	76·4
	3	78·0	77·4	76·4	77·1	76·4	76·4	76·2	75·7	75·9	75·1	74·3	74·0	73·7	73·2	74·5	76·0	76·4	76·7	76·7	78·6	78·2	78·0	77·2	77·2	76·2
	4	77·7	77·2	76·3	76·1	76·0	76·2	76·6	76·3	75·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	5	—	—	—	—	—	—	—	—	—	75·5	75·2	74·8	74·3	73·7	75·3	77·4	77·9	77·7	79·2	79·0	79·2	78·2	78·2	77·2	76·7
	6	77·2	76·2	76·3	75·9	75·7	75·7	75·2	75·2	75·7	75·0	74·4	74·4	74·4	74·4	75·4	77·1	77·7	77·0	76·9	79·4	79·0	79·0	78·4	78·2	76·5
	7	78·6	78·2	77·1	76·4	76·0	76·0	75·9	77·1	76·7	76·4	76·2	75·8	75·3	74·4	75·8	77·7	77·0	78·9	72·8	73·9	74·7	75·5	76·4	75·4	76·2
	8	76·4	76·9	76·1	76·1	75·8	75·8	75·8	75·7	75·4	75·0	74·7	74·5	74·2	74·3	75·2	77·2	78·7	78·7	79·5	79·7	79·7	80·2	80·2	79·1	76·9
	9	79·2	78·4	78·6	78·4	78·0	78·0	78·0	78·0	77·9	77·5	77·2	76·9	76·6	76·2	77·0	77·9	79·1	79·4	80·9	81·4	81·2	80·8	80·4	80·2	78·6
	10	79·4	79·2	78·2	78·2	78·1	78·0	77·8	77·4	77·0	76·7	76·5	76·0	75·4	76·0	77·3	88·7	79·1	78·5	79·7	79·4	79·4	79·9	79·2	79·2	78·1
	11	79·5	78·4	77·5	77·1	77·0	76·9	77·0	76·2	76·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	12	—	—	—	—	—	—	—	—	—	75·9	75·4	76·9	74·3	74·2	76·1	78·2	78·2	78·7	79·0	78·4	77·8	77·2	77·2	76·9	77·0
	13	77·2	77·2	77·2	77·7	77·5	77·2	77·0	76·8	76·7	76·4	76·2	75·7	75·2	75·2	76·2	78·6	78·2	79·2	78·4	80·2	80·4	80·2	80·2	80·0	77·7
	14	79·5	79·2	79·2	79·1	78·1	77·9	77·4	77·2	77·2	77·5	77·9	77·6	77·2	77·2	77·3	77·2	78·0	78·0	78·7	79·2	80·2	80·9	81·2	80·7	78·5
	15	81·2	80·4	80·2	79·6	79·2	79·2	79·5	79·4	79·2	78·7	78·2	77·8	77·3	78·1	79·2	80·2	79·7	81·2	80·9	80·7	82·2	81·7	82·1	81·7	79·9
	16	81·5	81·4	81·0	80·6	80·4	80·2	80·2	80·2	79·9	79·4	79·0	78·6	78·2	78·2	78·4	80·2	80·9	81·2	81·2	82·9	83·3	83·2	82·0	82·1	80·6
	17	82·0	81·9	81·2	81·4	81·1	81·2	80·7	80·5	80·4	80·3	80·2	79·8	79·3	79·2	80·2	80·4	81·4	81·4	81·4	81·7	81·7	81·9	81·7	81·2	80·9
	18	81·2	81·1	81·1	81·1	81·2	80·7	80·4	80·2	80·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	19	—	—	—	—	—	—	—	—	—	79·8	79·4	78·9	78·3	77·7	78·1	79·0	79·7	78·7	80·4	80·2	80·7	81·0	81·2	81·2	80·1
	20	81·6	80·7	79·4	79·3	79·1	78·5	78·9	78·9	76·0	76·4	76·9	77·2	77·4	77·7	78·8	79·7	79·7	80·2	79·6	80·2	80·7	80·2	80·0	79·4	79·0
	21	79·7	78·5	78·4	78·2	78·2	77·9	78·2	77·9	77·7	77·8	77·9	77·6	77·2	76·4	78·4	79·8	79·7	79·9	79·7	80·4	80·2	79·4	79·0	79·2	78·6
	22	79·2	79·2	77·9	77·9	77·9	78·3	78·1	78·0	77·7	77·5	77·4	76·9	76·4	75·4	77·2	79·0	79·2	77·7	80·3	80·8	79·8	81·2	80·1	79·7	78·4
	23	79·7	79·9	78·5	77·8	77·7	77·7	77·8	78·2	77·9	77·9	77·9	77·7	77·4	77·0	78·4	80·2	79·9	79·5	80·5	81·0	81·2	81·2	80·4	79·6	79·0
	24	79·2	79·9	78·2	77·7	77·7	78·2	78·0	77·9	77·2	76·9	76·7	76·5	76·2	76·0	77·9	78·7	79·4	80·1	80·0	78·7	79·6	80·0	79·4	79·2	78·3
	25	79·2	78·9	78·0	78·0	76·9	77·8	78·2	77·9	78·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	26	—	—	—	—	—	—	—	—	—	77·6	77·2	77·0	76·7	76·2	78·0	79·2	78·7	80·2	80·4	81·0	81·2	80·8	80·2	80·2	78·6
	27	80·7	79·1	78·1	78·2	78·4	78·0	78·0	77·4	78·2	77·7	77·3	76·8	76·2	76·2	77·7	78·1	79·9	78·4	79·4	80·2	80·8	80·6	80·2	79·5	78·5
	28	79·6	79·5	78·2	78·4	78·2	78·2	78·1	77·9	78·4	78·0	77·7	77·5	77·3	77·7	79·7	79·5	79·2	80·1	78·8	79·9	80·2	80·2	80·2	80·0	78·9
	29	79·7	78·7	79·4	79·7	79·4	79·0	78·8	78·4	79·2	78·7	78·2	77·8	77·4	77·2	78·9	78·4	79·2	80·2	80·2	80·5	80·6	80·7	80·7	80·2	79·2
	30	80·9	80·2	78·6	78·6	78·4	78·0	78·0	77·9	78·0	77·6	77·2	77·1	77·0	76·2	77·9	79·0	79·4	79·2	79·4	80·1	79·9	80·2	79·5	80·1	78·7
	Means	79·2	78·8	78·2	78·1	77·8	77·8	77·7	77·5	77·3	77·0	76·7	76·4	76·1	75·8	77·1	78·4	78·9	79·0	79·3	79·8	80·0	80·0	79·7	79·4	78·2

* The number in these columns are not observed, but interpolated for the sake of obtaining the daily means.

WET THERMOMETER, STANDARD No. 8

(Corrected to the Kew Observatory Standard Thermometer)

	Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
	Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
MAY—1857		o	o	o	o	o	o	o	o	o	* o	o	* o	o	o	o	o	o	o	o	o	o	o	o	o	o
	1	79·0	77·9	78·4	78·2	78·2	78·2	78·2	78·7	78·2	77·5	76·9	77·2	77·4	77·2	78·2	79·1	78·7	79·0	80·4	79·7	79·7	78·1	79·7	80·4	78·5
	2	79·2	78·7	78·6	78·7	78·7	78·7	78·7	78·6	78·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	3	—	—	—	—	—	—	—	—	—	77·7	77·2	76·6	76·0	76·2	78·6	80·2	80·6	82·0	82·4	81·7	81·4	81·7	81·7	81·2	79·3
	4	80·9	80·7	79·4	79·4	79·3	78·9	78·4	78·9	78·5	78·1	77·7	77·5	77·2	77·0	78·2	79·5	80·0	79·7	79·7	80·9	81·7	80·7	79·7	79·6	79·2
	5	80·2	79·9	79·5	79·5	79·7	79·6	79·6	79·4	79·2	79·2	79·2	79·1	79·0	79·0	79·9	80·2	80·8	81·2	80·0	78·9	81·0	81·2	81·0	81·0	79·9
	6	80·0	79·4	79·9	79·5	79·9	79·7	79·3	79·2	79·2	79·2	79·2	78·6	78·0	77·7	78·9	79·2	79·9	80·0	80·2	81·8	81·2	81·7	80·4	79·2	79·6
	7	79·7	79·4	79·1	79·1	79·4	79·2	79·2	78·2	78·2	77·5	76·8	76·3	75·7	76·0	77·2	78·2	79·6	80·1	81·0	81·0	81·2	82·1	81·7	80·7	79·0
	8	81·2	81·2	81·2	81·2	81·0	80·5	80·4	79·8	78·5	77·9	77·3	77·3	77·2	77·4	78·2	78·5	79·2	79·0	79·1	79·7	81·0	82·0	81·2	80·7	79·6
	9	80·2	81·2	80·9	80·4	77·2	75·1	73·2	72·3	71·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	10	—	—	—	—	—	—	—	—	—	75·3	79·2	78·8	78·4	78·2	79·4	79·5	80·9	80·4	81·1	80·2	79·5	82·3	81·4	81·2	78·7
	11	81·4	80·4	80·5	80·5	80·0	79·7	79·2	79·5	76·6	76·9	77·2	76·8	76·4	75·7	77·2	78·9	78·2	78·4	78·5	78·9	77·7	81·2	81·2	80·5	78·8
	12	81·5	80·2	79·7	79·7	79·9	79·9	79·8	79·2	78·2	77·2	76·2	75·0	73·7	73·2	74·7	76·2	77·0	77·2	79·4	79·0	79·4	78·2	78·6	78·2	78·0
	13	76·2	77·4	78·0	78·6	78·5	78·4	78·2	77·7	78·0	77·1	76·2	76·3	76·4	76·2	77·0	76·4	78·0	78·9	79·7	82·1	80·7	80·5	80·2	81·2	78·2
	14	81·0	80·4	80·4	80·9	80·6	78·0	77·6	77·2	76·4	75·5	74·7	74·5	74·2	75·0	76·9	77·3	78·0	77·4	78·0	78·2	82·6	80·3	80·2	80·4	78·2
	15	81·4	81·2	81·2	80·8	80·1	79·1	79·4	76·2	75·2	74·8	74·4	73·6	72·8	72·1	73·2	73·7	75·7	77·0	78·9	79·2	79·2	79·1	79·0	79·7	77·4
	16	79·9	80·4	80·2	80·1	79·2	79·2	78·9	78·2	78·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	17	—	—	—	—	—	—	—	—	—	77·9	77·7	77·5	77·2	76·7	78·2	78·2	78·4	77·7	78·7	79·1	79·7	80·2	79·7	80·7	78·8
	18	81·2	80·5	80·3	80·0	79·3	78·9	78·8	78·7	78·2	78·1	78·0	77·9	77·8	75·2	76·2	76·7	77·4	79·9	78·2	78·2	78·2	79·2	78·0	79·5	78·5
	19	79·0	80·7	80·9	80·7	80·7	79·5	75·2	75·7	75·2	74·7	74·2	73·8	73·4	73·7	74·7	75·2	76·0	76·4	77·5	77·6	77·2	76·4	77·2	79·2	76·9
	20	81·0	79·6	79·2	76·2	79·0	77·8	76·9	76·6	76·2	75·7	75·2	75·1	75·0	74·9	75·4	75·7	76·3	76·0	76·9	77·7	79·2	79·9	80·0	77·2	77·2
	21	77·0	78·2	75·6	76·2	75·5	74·8	74·2	74·2	74·7	74·2	73·7	73·8	73·9	73·4	74·9	75·0	76·4	76·7	76·4	76·0	76·5	78·3	78·0	75·2	75·5
	22	75·7	76·4	76·5	75·6	75·5	75·3	75·5	75·0	73·8	73·5	73·2	73·2	73·1	73·2	73·2	74·1	75·5	76·2	76·4	77·2	78·2	78·9	77·8	78·2	75·5
	23	77·7	78·2	78·7	78·5	78·0	76·4	75·7	75·2	75·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	24	—	—	—	—	—	—	—	—	—	75·2	75·2	75·1	75·0	75·1	75·7	76·9	77·2	77·4	79·3	78·7	79·3	78·7	80·4	79·2	77·2
	25	79·3	79·2	79·2	77·2	76·2	76·9	77·3	77·6	77·2	76·8	76·4	75·2	73·9	74·0	76·0	75·8	76·2	76·9	77·4	77·7	78·4	79·2	78·9	79·3	77·2
	26	77·4	77·7	78·2	78·4	78·4	75·0	75·0	75·0	74·2	73·8	73·4	73·3	73·2	73·2	74·0	74·2	75·7	75·1	76·4	76·7	77·2	77·4	77·4	77·7	75·7
	27	77·2	76·7	75·7	76·2	75·9	75·2	76·2	75·4	73·6	73·4	73·2	72·9	72·5	73·2	74·2	75·0	75·2	76·4	76·2	76·7	77·3	78·0	77·7	77·2	75·5
	28	77·8	77·2	76·0	75·4	75·0	74·2	73·7	73·7	73·2	73·7	74·3	73·4	72·4	73·0	74·7	74·3	75·4	75·3	75·9	76·8	77·4	78·2	79·0	78·1	75·3
	29	78·0	78·2	75·2	76·2	74·2	74·2	76·1	75·3	74·2	73·9	73·7	73·5	73·2	73·2	73·9	74·2	75·0	75·8	76·1	76·4	76·3	77·2	79·0	78·2	75·5
	30	77·2	79·2	78·1	79·1	77·7	78·0	78·9	78·2	78·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	31	—	—	—	—	—	—	—	—	—	77·5	76·7	76·6	76·5	77·2	77·7	77·2	77·0	77·2	77·4	76·1	77·4	77·9	78·2	78·8	77·7
	Means	79·2	79·2	78·9	78·7	78·3	77·7	77·4	77·1	76·5	76·2	76·0	75·7	75·4	75·3	76·4	76·9	77·6	78·0	78·5	78·7	79·2	79·6	79·5	79·3	77·7
JUNE 1857																										
	1	79·3	80·0	80·4	79·4	79·6	79·5	79·0	78·8	77·7	* 77·5	77·4	* 77·2	77·0	75·2	74·4	75·2	75·7	76·2	77·0	77·5	78·4	78·9	78·4	79·0	77·9
	2	77·7	77·6	78·2	78·7	78·6	76·4	77·1	78·2	77·4	76·8	76·3	76·3	76·2	75·2	75·6	76·2	77·2	78·0	78·2	77·7	77·8	78·1	79·0	79·8	77·4
	3	79·9	79·5	78·6	79·0	78·9	78·9	78·5	78·4	78·3	77·5	76·7	76·5	76·2	76·8	77·9	78·2	78·7	79·2	80·0	81·1	81·9	80·2	80·3	80·9	78·8
	4	80·5	80·4	80·2	80·0	80·2	79·9	80·0	79·0	77·4	75·4	73·4	73·6	73·7	75·2	74·9	76·4	78·2	79·0	79·1	79·3	80·9	81·4	81·0	80·8	78·3
	5	80·0	76·4	78·2	78·6	79·1	79·9	80·1	79·4	78·2	78·2	78·2	77·0	75·7	74·7	75·7	77·4	78·9	79·2	80·2	80·2	79·9	79·2	79·8	79·6	78·5
	6	79·9	80·2	79·7	78·8	78·6	78·4	78·5	77·9	78·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	7	—	—	—	—	—	—	—	—	—	78·3	78·6	78·2	77·8	78·2	79·4	80·2	80·0	79·6	80·9	82·1	81·9	81·8	81·0	80·7	79·5
	8	80·5	80·3	79·3	79·5	79·4	79·0	78·8	79·0	78·7	78·4	78·2	78·2	78·2	78·1	79·1	80·2	81·0	80·4	80·1	80·9	81·7	81·9	82·1	82·0	79·8
	9	81·7	81·2	80·4	79·9	79·7	79·8	79·4	79·2	78·7	79·2	79·7	76·3	72·8	73·2	74·9	77·0	79·4	81·2	82·3	83·0	83·2	82·8	83·3	83·1	79·6
	10	80·9	81·4	80·4	80·0	81·0	80·7	80·5	79·9	79·2	78·9	78·7	77·8	76·9	75·4	73·7	74·2	74·2	74·7	76·0	78·5	79·2	79·3	79·0	77·2	78·2
	11	77·9	77·0	77·4	77·3	77·3	75·7	76·7	76·9	76·0	76·1	76·3	76·1	75·9	76·0	78·3	79·2	79·7	80·9	81·2	81·2	80·4	81·0	81·4	81·7	78·2
	12	81·5	80·9	80·1	80·0	80·0	77·1	75·5	75·1	75·2	75·4	75·7	75·3	74·9	74·4	76·2	77·2	78·0	78·6	79·2	79·4	80·7	81·4	81·2	80·4	78·1
	13	80·0	79·7	74·4	74·4	75·1	76·2	76·2	76·2	75·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	14	—	—	—	—	—	—	—	—	—	75·7	76·2	76·1	76·0	76·4	77·2	78·0	77·7	76·7	77·2	77·9	78·0	78·9	78·2	78·9	76·9
	15	79·2	79·8	79·4	78·8	78·6	78·8	79·0	78·4	77·7	76·7	75·7	75·2	74·7	73·9	74·7	75·6	76·2	77·2	77·2	77·5	76·4	77·0	77·7	78·5	77·2
	16	79·2	79·5	79·9	79·3	77·4	77·9	77·9	74·8	73·4	73·5	73·6	73·4	73·2	74·2	74·4	75·2	75·8	76·1	77·0	77·2	77·9	78·7	77·9	78·1	76·5
	17	77·4	78·0	77·2	77·1	76·7	74·2	74·2	74·1	74·3	74·2	74·2	73·9	73·6	74·6	72·2	73·2	74·2	74·2	75·2	76·0	76·2	76·7	75·6	76·7	75·2
	18	77·0	76·4	75·6	75·3	75·4	75·2	76·2	76·2	75·7	75·3	74·9	74·2	73·4	73·2	74·0	75·7	77·7	77·4	77·2	77·9	77·7	78·2	78·3	78·9	76·1
	19	78·2	78·5	78·1	76·2	76·2	76·4	76·2	77·2	77·4	76·8	76·2	75·7	75·2	74·2	74·2	75·4	76·6	77·2	78·2	78·3	78·9	78·7	79·4	77·2	76·9
	20	78·4	78·2	78·0	77·2	77·2	76·6	75·2	75·2	75·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	21	—	—	—	—	—	—	—	—	—	75·6	76·2	75·7	75·2	74·4	73·9	75·2	76·7	77·2	76·4	76·2	77·8	77·3	76·7	77·1	76·4
	22	76·7	76·5	76·3	77·4	77·2	76·1	75·2	73·7	74·0	74·5	75·0	74·6	74·2	74·2	74·1	75·8	76·2	76·2	76·0	75·4	75·3	76·5	75·7	75·8	75·5
	23	76·7	78·0	77·2	77·2	77·5	76·7	75·8	74·2	74·4	74·1	73·8	73·5	73·2	73·2	75·4	77·2	76·9	77·7	77·6	76·6	76 5	78·0	78·5	78·2	76·2
	24	78·8	79·5	79·2	79·6	79·4	79·4	78·2	77·6	76·4	76·1	75·9	74·6	73·2	72·8	75·6	77·4	77·7	80·3	78·0	77·5	76·7	78·0	78·2	78·0	77·4
	25	79·0	79·7	78·9	79·2	79·1	79·4	79·7	78·2	77·0	76·1	75·2	75·2	75·2	74·2	74·0	75·2	76·2	76·2	77·2	77·0	78·7	77·3	78·9	79·2	77·3
	26	79·4	77·7	76·9	76·7	76·2	75·7	76·4	77·2	76·4	76·3	76·2	75·9	75·6	74·8	76·2	77·2	78·2	78·9	78·2	78·0	79·8	78·9	79·3	79·1	77·3
	27	78·2	80·0	80·2	80·2	80·2	78·4	77·2	76·4	75·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	28	—	—	—	—	—	—	—	—	—	74·7	74·2	74·0	73·8	73·2	73·2	74·7	74·7	75·0	75·2	76·0	75·4	76·9	76·7	77·5	76·3
	29	76·4	76·2	76·3	76·0	75·7	75·0	75·2	74·4	74·2	74·2	74·2	74·0	73·8	73·2	73·2	73·7	74·4	76·2	76·9	75·0	75·2	75·2	74·9	73·5	74·9
	30	74·6	76·8	77·2	76·0	75·2	75·4	76·2	76·8	76·2	75·3	74·4	74·2	74·0	73·1	73·4	72·8	73·2	74·0	74·2	74·7	75·2	75·2	75·4	76·5	75·0
	Means.	78·8	78·8	78·4	78·1	78·1	77·6	77·4	77·0	76·4	76·2	76·0	75·5	75·0	74·7	75·2	76·3	77·1	77·6	77·9	78·2	78·5	78·8	78·8	78·8	77·3

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

WET THERMOMETER, STANDARD No. 8

(Corrected to the Kew Observatory Standard Thermometer)

JULY—1857

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	o	o	o	o	o	o	o	o	o	* o	o	* o	o	o	o	o	o	o	o	o	o	o	o	o	o
1	76·1	75·4	76·3	75·9	76·5	76·0	77·2	77·7	77·2	76·2	75·2	74·7	74·2	73·1	72·8	73·2	73·7	74·2	75·0	75·9	76·7	77·9	78·1	77·7	75·7
2	78·2	79·4	77·7	78·9	77·6	77·2	77·4	77·2	76·2	75·5	74·9	74·9	74·8	75·2	74·5	75·2	75·7	75·6	76·0	76·7	78·4	78·2	78·4	79·0	76·8
3	79·3	78·4	78·9	77·8	77·7	78·2	77·4	78·3	77·7	76·2	74·7	74·3	73·9	74·2	73·7	74·2	75·2	75·9	76·2	77·4	77·7	79·7	78·1	79·4	76·9
4	77·2	78·2	78·0	79·1	79·4	78·7	76·1	77·2	77·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	75·4	73·7	73·6	73·4	73·2	73·4	73·4	75·2	75·0	75·5	75·9	76·0	76·7	76·6	75·7	76·0
6	75·6	76·9	76·6	79·6	79·2	79·2	78·7	78·1	77·1	76·1	75·2	74·3	73·4	73·1	75·2	74·4	75·2	76·2	77·2	77·3	77·9	77·5	78·2	78·2	76·7
7	79·0	78·2	77·7	78·2	78·8	78·1	77·9	78·2	78·7	77·9	77·1	75·6	74·0	74·2	75·0	75·4	76·2	76·2	76·9	77·5	78·9	79·4	79·9	78·7	77·4
8	78·6	79·7	79·2	78·8	78·4	78·3	78·2	77·4	76·2	75·9	75·7	74·7	73·6	74·0	74·4	75·2	76·2	76·6	77·6	78·2	79·1	79·4	80·2	78·7	77·3
9	79·9	78·8	77·3	78·2	79·4	78·6	78·2	76·7	76·4	75·8	75·2	75·2	75·2	75·7	76·4	75·7	77·2	77·2	78·2	77·7	78·2	80·1	79·7	78·4	77·5
10	79·2	78·2	76·8	77·4	78·9	77·7	76·7	76·2	77·2	76·7	76·2	75·7	75·2	75·2	75·9	76·4	77 0	78·2	78·2	78·7	78·5	77·7	79·0	79·9	77·4
11	79·1	78·2	78·8	78·8	78·4	78·2	77·2	76·3	75·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	74·9	74·7	74·5	74·2	74·2	74·9	75·7	77·4	77·0	77·7	77·4	78·4	78·2	79·4	78·9	77·0
13	79·1	77·9	79·0	78·2	78·8	78·3	78·2	77·2	77·2	76·2	75·2	74·7	74·2	74·1	74·2	75·2	76·2	76·4	76·2	76·0	76·2	77·1	78·0	77·1	76·7
14	76·4	76·0	76·4	77·4	77·0	78·2	78·5	78·5	78·0	76·4	74·9	74·2	73·4	73·2	73·7	74·0	75·2	75·2	75·6	75·7	75·5	75·3	75·6	75·9	75·8
15	77·0	78·4	79·1	78·5	78·4	79·2	78·3	77·2	75·1	74·5	74·0	73·6	73·2	72·3	73·2	73·9	74·9	75·1	76·4	75·7	75·5	76·7	76·8	77·4	76·0
16	77·4	78·2	79·0	78·2	78·5	78·2	78·2	78·2	76·7	76·9	77·2	76·2	75·2	73·8	74·2	74·4	75·1	75·7	75·5	76·7	76·8	77·4	77·9	79·0	76·9
17	78·7	79·1	77·9	78·8	77·4	76·2	76·7	77·2	77·2	76·7	76·2	76·2	76·2	75·1	74·7	76·2	76·4	77·0	77·7	76·4	78·0	78·9	80·0	80·8	77·3
18	80·2	79·8	79·6	78·5	78·1	78·2	77·4	77·2	77.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	77·6	78·0	76·5	75·0	75·2	76·2	77·2	78·2	77·7	78·7	77·9	79·3	79·9	79·8	79·5	78·0
20	79·2	78·5	79·1	78·9	78·6	78·0	78·7	78·2	77·7	76·6	75·5	75·6	75·7	75·2	75·7	77·2	79·2	80·0	80·2	79·6	80·0	80·7	81·4	80·1	78·3
21	79·4	79·4	78·7	78·5	78·4	78·5	79·0	78·2	77·2	76·4	75·7	75·0	74·2	73·7	74·0	75·0	76·0	76·5	77·7	78·5	79·1	79·4	79·9	79 0	77·4
22	79·2	78·4	77·8	77·9	77·7	78·4	77·7	77·2	77·4	77·3	77·2	75·7	74·2	73·2	74·4	76·2	77·3	77·4	79·2	81·3	80·0	80·3	80·2	79·6	77·7
23	78·9	78·3	76·0	75·9	75·9	75·9	75·6	75·2	75·7	75·9	76·2	76·2	76·2	76·0	78·2	78·7	78·2	79·2	80·8	79·1	80·0	79·5	79·2	78·5	77·5
24	78·2	79·1	78·3	78·1	77·9	78·4	78·3	78·2	78·4	77·9	77·4	76·3	75·2	75·2	75·7	77·0	78·0	78·2	79·4	79·7	79·0	79·4	79·9	79·1	78·0
25	78·7	77·8	77·6	77·5	78·0	78·9	78·7	78·2	78·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	75·6	73·1	73·2	73·2	73·8	74·7	74·4	75·2	75·6	76·2	76·8	76·2	77·0	77·2	76·5	76·3
27	76·9	76·4	76·1	75·0	74·2	73·2	72·3	72·3	71·8	72·0	72·3	72·6	72·8	72·8	73·0	73·9	75·2	75·9	76·0	76·0	75·7	76·1	76·5	77·1	74·4
28	74·8	74·5	74·8	74·7	74·4	74·0	74·2	73·9	73·2	73·0	72·8	72·6	72·3	72·3	73·2	74·2	75·4	75·2	76·4	76·2	76·0	76·8	78·0	75·4	74·5
29	76·7	75·9	73·5	73·4	74·4	74·2	75·0	74·5	74·0	73·9	73·8	73·7	73·6	73·2	73·2	74·4	75·2	76·8	76·6	76·7	77·5	78·4	77·2	76·5	75·1
30	77·9	78·2	77·4	76·6	76·2	76·2	76·0	74·2	72·5	72·4	72·3	72·3	72·3	71·8	72·3	72·8	75·0	76·0	76·5	77·2	78·6	78·4	76·7	77·9	75·3
31	76·0	76·4	75·0	75·3	74·4	74·2	74·7	75·4	73·2	73·2	73·2	73·4	73·6	73·2	74·2	75·4	76·2	75·6	76·0	77·2	77·3	77·7	75·4	77·9	75·2
Means	78·0	77·9	77·5	77·6	77·5	77·3	77·1	76·8	76·3	75·7	75·1	74·6	74·2	73·9	74·4	75·1	76·1	76·5	77·1	77·4	77·8	78·3	78·4	78·2	76·6

AUGUST 1857

1	78·1	78·0	77·8	77·4	76·2	77·9	76·2	75·4	74·7	* —	—	* —	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	75·4	76·2	76·0	75·7	75·2	75·7	77·2	77·4	77·9	77·9	77·7	79·0	79·2	79·2	79·2	77·1
3	78·4	78·2	78·9	78·4	78·7	79·0	79·0	79·2	77·7	77·3	77·0	77·2	77·3	76·7	76·2	76·2	75·4	76·1	77·2	78·0	78·2	79·2	80·2	79·2	77·9
4	79·0	78·0	77·3	77·9	78·1	78·4	78·5	78·0	78·2	77·6	77·0	76·1	75·1	74·2	75·4	77·0	77·0	76 6	77·2	77·4	78·2	80·0	80·5	80·2	77·6
5	79·2	79·4	78·7	78·2	78·4	79·0	78·4	77·9	79·2	77·7	76·2	76·2	76·1	75·7	77·0	76·4	76·0	75·3	75·2	77·0	77·4	78·2	78·9	79·2	77·5
6	78·2	77·8	78·2	78·4	78·2	79·0	78·9	78·9	77·2	77·3	77·4	76·8	76·1	74·2	74·7	75·1	77·0	76·9	76·4	77·2	77·2	78·2	79·0	79·4	77·4
7	79·2	77·4	78·7	79·3	78·6	78·4	78·3	78·0	76·4	75·2	74·0	73·6	73·2	72·3	73·7	75·9	76·2	76·0	75·7	77·2	78·2	78·2	78·2	78·0	76·7
8	78·2	77·2	76·0	77·2	76·7	77·3	77·7	77·6	77·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	76·2	75·2	75·1	74·9	73·2	71·7	72·3	72·1	73·2	74·0	75·0	75·4	75·4	76·2	77·2	75·5
10	76·2	75·7	76·2	77·4	72·7	74·7	72·8	72·3	72·3	72·1	72·0	71·3	70·5	70·5	72·3	72·5	74·2	74·0	74·4	74·7	75·8	76·2	76·2	77·2	73·9
11	76·9	77·2	77·3	76·9	77·1	77·0	77·8	77·2	76·7	76·0	75·4	74·3	73·2	72·3	73·2	74·2	76·0	75·4	75·2	76·6	78 0	78·2	78·2	76·8	76·1
12	77·2	77·4	77·5	77·7	77·5	77·9	77·7	77·1	75·2	73·7	72·2	73·6	74·9	74·2	73·2	74·4	74·7	76·1	76·5	76·7	77·5	78·2	79·2	79·6	76·2
13	79·1	78·3	78·2	78·0	78·2	78·2	78·0	77·2	77·4	76·9	76·5	75·9	75·2	74·2	74·5	75·2	76·1	76·2	76·9	77·2	77·3	77·7	77·8	77·5	77·0
14	76·4	77·9	78·4	78·9	73·3	72·8	72·3	73·2	73·8	73·5	73·2	73·2	73·2	73·2	73·8	74·2	74·5	74·2	75·0	74·8	75·2	75·2	76·7	75·9	74·7
15	76·2	76·4	75·3	75·1	75·4	74·2	73·8	73·2	73·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	72·7	72·5	72·9	73·2	72·8	73·2	74·0	75·4	75·2	76·2	76·2	76·2	76·5	77·2	77·2	74·7
17	77·0	77·2	76 5	77·2	75·7	76·9	76·2	76·6	77·0	75·1	73·2	72·8	72·3	71·8	72 3	73·9	73·2	74·4	75·2	76·0	77·2	77·7	77·2	77·0	75·4
18	76·6	77·2	76·0	76·1	76·0	76·7	76·4	77·2	75·7	74·8	73·9	73·9	73·9	73·6	73·7	74·0	76·2	75·2	75·6	76·2	67·2	77·2	77·2	77·4	75·7
19	76·6	76·9	76·8	75·2	74·9	76·7	76·2	76·1	75·2	74·7	74·2	74·0	73·8	73·2	72·5	74·2	75·2	75·5	76·8	76·4	78·9	78·2	79·2	76·6	75·8
20	77·2	77·4	78·2	77·9	77·1	77·6	77·0	76·2	76·4	76·0	75·6	74·9	74·2	73 3	73·2	74·0	75·2	75·2	75·4	76·4	77·2	77·2	77·2	77·0	76·1
21	76·7	77·2	77·0	77·0	76·7	75·6	76·2	76·2	76·2	75·7	75·3	74·7	74·1	73·0	73·4	74·4	74·7	74·7	75·2	76·0	77·5	78·2	77·7	77·2	75·9
22	77·2	76·2	76·2	77·3	76·9	76·7	76·6	76·2	76·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	76·5	76·7	76·1	75·4	74·2	75·2	75·2	75·1	75·4	75·4	76·2	77·2	78·2	78·2	78·8	76·4
24	79·2	77·7	77·4	77·4	78·1	77·8	77·6	77·2	76·2	76·2	76·2	75·7	75·1	74·4	75·5	78·2	76·4	76·7	77·2	78·0	79·2	79·0	79·2	79·2	77·3
25	79·2	78·0	78·2	76·9	75·7	76·1	75·9	76·4	76·9	76·5	76·2	75·8	75·4	74·7	75·4	77·2	76·7	76·8	76·7	78·0	78·2	78·2	77·9	79·0	76·9
26	79·6	79·1	78·0	77·6	77·1	76·5	75·0	74·9	75·0	75·2	75·4	75·1	74·7	73·2	74·2	74·5	74·2	75·2	75·2	76·2	76·8	78·2	78·9	79·5	76·2
27	79·9	78·0	78·4	77·4	76·0	76·5	77·1	78·2	75·7	76·1	76·6	75·9	75·2	75·2	74·9	75·4	75·4	74·5	74·2	75·2	76·2	76·2	77·2	79·2	76 4
28	79·7	78·0	77·2	77·7	75·9	77·3	76·0	75·4	76·2	75·9	75·7	75 2	74·7	72·6	73·2	79·2	74·2	77·2	75·1	75·2	74·7	76·2	77·4	79·2	76·2
29	78·9	78·2	78·2	77·9	76·2	75·4	74·4	75·2	75·6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	74·5	73·5	73·2	72·9	72·3	72·8	73·4	73·1	73·2	75·4	75·2	75·5	76·2	76·6	77·2	75·2
31	76·9	77·4	77·5	77·9	77·4	77·4	78·1	77·2	76·4	75·6	74·9	74·6	74·2	72·8	73·4	74·7	74·4	75·1	75·4	76·4	75·4	76·2	79·2	77·7	76·1
Means	78·0	77·6	77·5	77·5	76 6	77·0	76·6	76·5	76·1	75·6	75·1	74·8	74·4	73·6	74·0	75·1	75·2	75·5	75·8	76·4	77·1	77·6	78·1	78·1	76·2

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

WET THERMOMETER, STANDARD No. 8

(Corrected to the Kew Observatory Standard Thermometer)

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h m 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	o	o	o	o	o	o	o	o	o	o*	o	o*	o	o	o	o	o	o	o	o	o	o	o	o	o
1	77·2	78·2	78·2	78·2	78·2	78·4	78·2	78·2	78·2	77·8	77·4	77·2	77·0	77·4	78·2	78·2	77·1	76·4	78·3	78·6	79·2	78·4	79·2	78·2	78·0
2	78·2	77·7	78·2	78·7	78·4	78·5	78·4	78·7	78·2	78·1	78·0	78·0	77·9	78·2	78·2	78·4	75·7	76·4	76·4	76·4	77·9	78·6	77·6	78·2	77·9
3	79·0	78·9	78·1	78·2	78·7	78·2	77·7	77·2	77·9	77·4	76·9	76·7	76·4	76·9	77·0	75·2	77·1	74·4	74·5	78·1	77·2	77·0	77·0	78·4	77·3
4	79·2	78·0	77·3	77·2	78·2	78·1	78·1	78·2	77·7	77·1	76·5	76·8	77·1	77·2	77·6	78·0	75·7	76·2	75·7	75·4	78·4	78·3	79·6	79·9	77·6
5	79·5	78·2	77·7	78·0	77·4	76·9	77·2	77·1	77·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	76·6	76·0	75·6	75·2	76·4	77·7	78·0	78·4	77·2	76·2	76·2	78·9	79·2	78·5	79·0	77·4
7	78·4	78·9	78·6	78·2	77·5	77·7	78·2	77·7	77·2	77·4	77·6	77·4	77·2	78·0	77·2	75·2	74·4	75·9	76·2	76·3	76.0	76·2	76·6	77·9	77·2
8	78·2	79·1	78·7	78·6	77·9	78·2	78·7	78·2	76·2	75·8	75·4	75·3	75·2	74·7	73·2	73·4	74·9	74·4	75·2	76·4	77·2	77·0	79·2	78·6	76·7
9	77·9	77·0	77·4	77·0	77·2	77·2	77·2	77·7	77·2	77·2	77·2	76·5	75·7	73·1	72·3	72·3	72·6	74·2	74·6	74·4	75·3	75·4	76·5	78·9	75·9
10	79·2	77·4	77·4	76·6	75·4	77·2	76·8	76·4	75·2	75·2	75·2	74·7	74·2	71·3	72·3	72·3	72·3	73·2	73·4	73·7	75·5	74·7	76·4	76·7	75·1
11	78·3	77·5	77·2	77·2	76·9	76·2	76·6	76·8	77·2	77·2	77·2	76·7	76·2	75·7	76·2	77·2	75·4	75·2	74·2	77·5	77·2	76·5	77·2	78·0	76·7
12	77·9	78·0	77·9	78·1	78·2	78·4	77·6	77·2	77·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	76·4	75·7	75·2	74·7	75·4	73·6	73·8	73·2	74·8	73·7	75·2	75·1	75·8	77·5	79·0	76·2
14	78·4	78·0	77·2	76·7	75·7	75·2	75·2	74·7	73·2	73·6	74·0	73·5	73·0	74·2	75·2	76·2	76·4	76·8	76·2	76·9	77·6	77·2	78·2	78·2	75·9
15	79·0	78·9	78·2	78·1	77·9	77·2	76·9	76·2	75·7	75·0	74·4	74·3	74·2	75·0	74·7	75·7	76·2	75·2	74·4	75.2	74·4	75·6	77·0	77·5	76·1
16	77·2	77·4	77·2	77·1	78·5	78·2	77·7	77·2	75·2	75·1	75·0	74·9	74·7	74·2	73·2	73·4	74·9	75·4	76·2	76·2	76·4	76·0	75·2	75·2	75·9
17	74·5	76·9	76·0	76·5	78·1	77·0	75·3	75·9	75·4	75·5	75·6	74·9	74·2	74·0	74·2	74·2	74·6	75·2	75·1	75·6	75·4	74·4	75·2	74·2	75·3
18	73·4	74·7	75·2	75·7	76·2	76·2	76·8	77·2	77·2	77·1	77·0	76·6	76·2	74·0	73·7	74·2	75·0	74·2	74·2	75·2	75·7	76·2	75·6	75·5	75·5
19	75·7	78·2	78·6	77·0	76·9	77·2	77·2	77·2	76·9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	76·5	76·2	75·9	75·5	74·7	74·8	75·2	76·2	77·2	78·4	79·2	79·2	78·4	79·0	78·8	77·1
21	78·1	77·8	77·3	77·5	77·4	77·4	77·2	77·2	76·9	77·0	77·2	77·1	77·0	77·9	78·4	78·2	78·0	77·4	77·2	78·9	79·2	79·4	78·4	78·4	77·8
22	78·7	78·4	78·1	78·3	78·4	78·2	78·8	79·0	78·2	77·9	77·7	77·8	77·9	78·2	78·2	78·2	78·2	78·2	80·2	80·4	78·7	78·7	79·4	79·4	78·5
23	79·2	78·7	78·9	78·6	78·6	78·2	77·9	78·6	78·2	77·7	77·2	77·6	78·0	78·0	78·2	78·2	78·4	78·9	78·5	80·0	80·2	80·1	78·4	78·2	78·5
24	78·7	78·4	78·7	79·2	79·2	79·2	78·9	78·7	78·4	78·3	78·2	77·8	77·4	75·8	74·8	75·2	75·4	75·8	76·2	79·1	77·9	77·5	79·2	79·2	77·8
25	79·0	78·7	78·2	78·9	79·1	79·2	79·0	78·6	78·2	77·7	77·2	76·6	76·0	76·4	77·2	78·4	78·7	79·0	79·2	78·2	79·2	80·4	81·2	80·2	78·5
26	80·4	79·7	79·7	79·6	79·5	79·7	74·2	74·2	74·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	74·5	74·7	74·5	74·2	74·9	74·9	75·4	76·2	76·7	76·4	76·0	77·7	78·9	79·0	80·4	76·9
28	78·2	76·7	77·2	77·4	77·3	76·9	76·9	77·0	77·2	76·3	75·4	74·6	73·7	72·8	73·0	74·5	75·0	76·4	75·7	78·6	79·0	79·2	80·0	80·0	76·6
29	80·2	80·2	80·1	79·3	78·7	80·3	79·6	78·7	78·2	76·7	75·2	75·4	75·5	74·4	75·2	76·4	77·7	77·4	76·8	78·2	79·0	79·5	80·2	78·4	78·0
30	76·5	75·2	75·3	75·7	75·6	76·2	75·9	75·2	75·2	75·2	75·2	75·1	74·9	74·8	74·7	74·2	76·2	77·7	77·4	75·7	77·2	76·2	75·5	77·0	75·7
31																									
Means	78·1	78·0	77·8	77·8	77·7	77·7	77·4	77·3	76·8	76·5	76·3	76·0	75·7	75·5	75·5	75·8	75·9	76·1	76·2	77·0	77·5	77·5	78·0	78·2	76·9
1	79·2	79·7	79·5	80·5	79·7	79·3	79·0	79·0	79·2	78·2*	77·2	76·2*	75·2	75·6	77·2	78·2	77·2	77·6	77·7	78·0	77·7	78·7	77·2	76·9	78·1
2	77·2	79·0	78·7	78·8	79·2	79·4	79·1	79·0	69·4	70·8	72·3	72·8	73·2	73·7	74·2	76·4	78·2	78·6	79·5	78·5	79·4	80·2	80·9	79·2	77·0
3	79·3	78·5	78·3	78·4	78·2	76·0	75·4	75·0	75·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	75·7	76·2	75·2	74·2	74·6	74·0	75·5	77·2	78·2	79·2	78·6	79·9	79·5	80·2	79·3	77·2
5	78·4	78·2	78·3	78·1	78·2	77·6	77·2	76·9	76·4	75·8	75·2	75·0	74·7	75·0	75·2	76·2	77·2	78·2	78·0	78·7	77·4	79·0	79·8	79·4	77·3
6	76·4	77·3	78·5	77·7	78·2	77·6	76·8	77·4	76·4	76·3	76·2	76·2	76·2	76·4	77·0	78·4	78·9	79·4	78·6	79·4	78·7	78·7	78·7	79·2	77·7
7	78·9	77·9	77·3	77·1	77·4	77·2	77·2	76·9	76·2	76·2	76·2	75·8	75·4	75·2	76·2	77·2	78·0	78·2	78·7	78·4	77·9	78·2	77·4	77·0	77·2
8	77·2	77·0	76·3	76·1	76·2	76·3	76·4	76·7	75·5	74·9	74·4	74·6	74·7	74·7	75·2	77·2	78·2	78·2	78·8	78·9	79·0	77·9	78·2	78·2	76·7
9	78·0	77·7	77·5	77·7	77·3	77·1	76·9	76·7	75·8	75·6	75·4	75·3	75·2	75·4	75·2	76·0	76·7	77·5	78·2	77·7	78·2	77·4	78·5	77·2	76·8
10	77·1	76·0	76·0	75·8	76·2	76·2	76·4	76·3	77·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	77·2	77·2	75·9	74·6	75·2	75·2	75·2	74·4	74·4	72·5	73·2	74·0	74·7	74·9	74·4	75·4
12	74·0	74·4	74·3	74·9	74·2	73·9	73·7	73·4	73·2	73·2	73·2	73·2	73·1	73·2	73·8	74·4	75·0	76·2	76·9	77·9	77·4	77·2	77·3	77·4	74·8
13	77·2	74·7	74·8	75·2	75·9	75·4	75·9	74·9	74·2	74·3	74·5	74·4	74·2	75·2	75·7	77·2	77·2	77·2	79·8	79·4	78·9	78·4	78·1	78·5	76·3
14	78·4	77·0	76·2	76·2	76·2	75·6	76·2	76·4	74·2	74·4	74·7	74·5	74·2	74·4	74·4	74·4	74·2	73·6	73·8	73·9	74·0	74·2	73·4	74·0	74·9
15	73·7	73·4	73·2	74·0	73·8	74·2	73·7	73·2	73·2	73·2	73·2	73·3	73·4	73·2	74·2	75·3	77 1	74·7	75·7	77·7	77·8	78·4	78·2	77·0	74·8
16	77·0	76·9	76·2	76·2	76·2	76·2	76·2	76·2	76·0	75·6	75·2	75·1	75·0	75·2	74·9	75·6	76·2	77·2	78·2	78·4	77·7	78·7	77·4	77·4	76·5
17	77·2	77·4	77·0	77·2	77·3	77·0	76·9	76·1	75·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	75·3	75·0	74·6	74·2	74·9	75·5	77·2	77·5	78·2	77·2	78·2	78·7	78·4	78·0	77·8	76·8
19	78·2	77·2	76·1	76·6	76·8	75·0	74·5	75·4	75·4	75·5	75·7	75·5	75·2	74·2	75·4	75·2	77·2	77·9	78·2	78·0	78·6	78·2	77·3	77·4	76·4
20	76·9	77·2	76·7	76·4	77·7	77·3	77·2	76·4	76·2	75·9	75·7	75·5	75·2	74·7	75·2	76·0	77·0	78·0	78·8	79·2	78·2	78·2	79·1	78·3	77·0
21	77·2	77·0	76·2	76·5	76·3	77·2	73·7	74·4	74·9	74·0	73·2	73 0	72·7	73 0	73·2	73·7	74·4	74·0	76·0	75·4	76·3	78·4	79·1	76·8	75·3
22	75·4	76·0	75·2	74·6	74·9	74·7	74·9	75·2	75·7	75·4	75·2	74·2	73·2	73·6	73 2	73·2	75·0	75·2	75·6	75·2	75·4	75·8	75·6	74·7	74·9
23	74·8	74·6	74·2	74·2	74 5	74·2	74·2	74·0	73·7	73·5	73·4	73·3	73·2	73·2	73·2	72·8	72·3	73·0	73·2	73·7	73·9	73·9	73·9	73·7	73·7
24	73·9	73·4	74·0	74·1	74·1	73·7	73·1	73·2	72·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	73·8	75·7	75·5	75·2	75·1	74·9	75·8	76·2	75·0	74 2	74·7	74·4	74·9	75·1	75·0	74·5
26	74·8	75·2	75·0	75·0	74·7	75·2	74·7	74·9	74·8	74·9	75·0	74·5	74·0	73·2	73·1	73 4	75 2	76·0	75·6	75·8	77·2	75·9	75·0	74·6	74·9
27	74·9	75·4	75·2	75·2	75·1	75·0	74·2	74·7	74·2	74·2	74·2	74·2	74·1	73 4	73·4	74·2	75·4	75·7	76·5	75·9	76·7	76·9	76·6	77·4	75·1
28	76·4	76·9	76·4	76·4	76·0	75·0	75·2	75·0	74·4	74·3	74·2	73·9	73·6	73·4	72·4	72·8	74·2	73·2	72·3	71·3	72·3	73·2	72·2	72·5	74·1
29	73·2	73·2	73·2	73·0	73·2	72·5	72·3	71·1	71·3	71·3	71·3	71·3	71·3	71·0	69·3	70·5	72·6	72·5	72·3	72·5	72·3	72·3	71·8	72·8	72·0
30	73·0	73·2	73·4	73·0	73 2	72·4	73·2	72·8	73·2	73·0	72·8	72·4	72·0	71·3	70·6	71·5	72·2	72·1	71·5	71·0	71·3	71·3	71·0	70·3	72·2
31																									
Means	76·5	76·3	76·1	76·1	76·2	75·8	75·5	75·4	74·8	74·7	74·7	74·4	74·1	74·2	74·3	75·1	76·0	76·2	76·4	76·5	76·7	76·9	76·7	76·4	75·7

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

WET THERMOMETER, STANDARD No. 8

(Corrected to the Kew Observatory Standard Thermometer)

	Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
	Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
		o	o	o	o	o	o	o	o	o	* o	o	* o	o	o	o	o	o	o	o	o	o	o	o	o	o
NOVEMBER 1857	Oct. 31	71·3	70·7	71·0	71·1	70·6	71·3	70·9	70·8	71·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	1	—	—	—	—	—	—	—	—	—	71·8	72·5	72·4	72·3	71·5	73·3	72·3	72·1	73·9	73·4	74·2	74·2	75·0	75·4	74·6	72·4
	2	74·2	74·2	74·1	73·5	74·6	75·9	77·1	78·2	77·2	76·5	75·9	76·0	76·0	75·4	75·4	76·2	76·7	75·2	77·4	78·2	78·2	78·0	78·0	77·6	76·2
	3	77·2	76·8	76·5	76·4	76·4	76·4	76·6	76·2	76·2	76·0	75·9	75·3	74·7	74·7	74·9	76·2	77·2	77·7	77·5	79·2	79·0	78·8	78·9	78·4	76·8
	4	77·5	77·0	76·5	76·3	76·4	76·5	76·1	76·4	75·9	75·6	75·4	74·8	74·2	73·7	74·5	75·2	76·2	76·7	78·2	79·2	78·6	78·9	78·2	78·2	76·5
	5	77·2	76·5	77·0	76·4	76·4	76·3	76·7	76·9	76·9	76·5	76·2	75·7	75·2	75·2	75·4	76·2	76·4	77·2	77·2	77·8	78·2	77·4	77·2	76·7	76·6
	6	76·0	75·5	75·4	75·3	74·8	74·2	74·2	74·1	74·0	73·6	73·2	73·2	73·1	72·8	73·4	74·9	75·2	74·4	74·2	75·2	76·2	76·6	76·2	75·2	74·6
	7	75·2	75·2	75·1	75·1	74·7	74·2	73·9	73·5	73·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	8	—	—	—	—	—	—	—	—	—	72·3	71·5	71·4	71·3	71·1	70·3	72·3	71·3	69·3	69·4	70·3	70·3	69·3	69·3	69·6	72·0
	9	70·1	69·0	69·8	69·7	69·5	69·3	69·3	69·9	70·3	70·6	71·0	71·2	71·3	70·3	70·3	70·9	71·3	71·3	71·8	72·3	73·0	72·3	72·5	71·7	70·8
	10	71·5	71·3	70·4	71·0	70·7	71·1	70·6	70·5	70·1	69·6	69·1	69·2	69·3	69·5	69·9	71·5	72·3	71·5	71·8	71·3	71·5	71·8	71·2	70·5	70·7
	11	69·8	69·5	69·2	69·1	69·0	68·5	68·5	68·3	69·8	69·0	68·3	68·7	69·0	67·3	67·3	68·5	68·7	69·3	69·5	70·3	70·2	70·1	70·1	70·3	69·1
	12	69·5	69·3	68·6	69·0	68·8	68·4	68·1	67·7	68·3	68·2	68·1	68·0	67·8	69·3	68·8	69·1	69·4	69·8	70·6	71·3	71·3	70·8	70·1	69·3	69·1
	13	68·7	68·3	67·3	67·3	66·1	67·2	65·7	66·4	67·3	68·2	69·1	68·2	67·3	66·4	67·6	68·5	69·0	70·3	69·5	70·3	70·5	71·1	70·0	69·5	68·3
	14	69·5	69·3	69·3	69·8	69·5	69·7	69·6	69·7	69·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	15	—	—	—	—	—	—	—	—	—	71·4	73·4	72·7	71·9	72·3	72·3	72·3	72·3	72·5	72·8	73·2	74·2	75·2	74·7	74·6	71·7
	16	73·7	73·4	73·4	74·3	74·4	73·2	73·2	73·1	73·1	72·9	72·7	72·9	73·0	73·7	74·4	76·2	75·7	75·5	76·0	76·2	76·2	76·0	76·2	74·9	74·3
	17	74·2	74·2	73·4	72·8	72·8	72·5	72·3	72·2	72·3	72·8	73·4	73·5	73·6	73·0	72·3	73·2	73·9	73·3	73·4	74·0	74·2	74·0	74·0	72·8	73·3
	18	72·5	72·3	71·7	71·6	72·3	73·0	73·2	72·8	72·3	72·3	72·3	71·3	70·3	70·3	70·1	69·5	69·8	70·8	72·3	73·0	72·8	72·3	72·7	72·1	71·8
	19	71·5	71·3	70·5	70·5	70·3	70·1	69·7	70·5	72·5	71·6	70·8	70·6	70·3	70·8	71·1	70·5	70·1	69·8	71·3	72·9	72·3	72·0	71·8	71·1	71·0
	20	70·9	70·8	70·2	70·1	69·3	69·6	69·3	69·3	69·7	69·0	68·3	68·6	68·8	67·3	66·3	66·6	67·3	68·5	70·6	70·3	70·3	70·0	69·7	70·0	69·2
	21	70·3	69·5	69·4	68·3	67·5	66·9	65·9	64·7	64·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	22	—	—	—	—	—	—	—	—	—	66·3	68·3	67·8	67·3	67·5	66·8	65·9	65·9	66·4	68·8	69·3	70·3	71·3	71·7	71·0	68·0
	23	71·1	70·8	72·3	72·3	72·3	72·6	72·5	72·2	71·8	71·6	71·5	70·4	69·3	69·0	69·8	71·5	71·7	72·8	73·2	73·2	72·3	72·8	72·3	71·6	71·7
	24	71·8	71·8	71·8	71·3	71·1	70·4	70·3	69·6	69·8	69·5	69·3	68·9	68·5	68·3	68·3	69·3	70·3	71·3	71·3	71·8	71·6	71·3	70·5	70·3	70·3
	25	69·9	69·6	68·2	68·1	67·9	68·1	67·9	68·1	68·5	68·0	67·5	67·4	67·2	66·9	67·2	68·5	69·5	70·1	70·8	70·8	70·5	70·5	70·3	70·3	68·8
	26	69·3	69·8	69·9	70·0	69·3	69·0	68·6	68·3	67·8	67·5	67·3	67·1	66·9	65·4	66·2	67·3	68·3	70·1	71·3	72·0	72·8	73·6	73·9	73·2	69·4
	27	73·2	72·9	72·2	72·2	72·0	72·3	72·3	71·6	71·0	70·2	69·5	69·5	69·5	69·3	69·6	70·4	72·9	76·7	72·5	74·2	74·2	74·7	74·4	73·4	72·1
	28	73·2	73·1	73·0	72·3	71·8	72·3	72·5	72·3	72·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	29	—	—	—	—	—	—	—	—	—	70·4	68·5	68·4	68·3	68·8	69·1	70·3	72·5	72·8	72·3	72·8	72·5	71·8	71·1	71·1	71·4
	30	71·3	71·1	70·7	70·1	70·3	68·7	68·2	67·6	67·8	67·5	67·3	66·9	66·5	66·6	67·3	68·5	69·8	69·2	69·3	68·5	68·3	68·5	69·3	70·0	68·7
	Means	72·3	72·0	71·8	71·7	71·5	71·4	71·3	71·2	71·3	71·1	71·0	70·8	70·5	70·2	70·5	71·2	71·8	72·2	72·6	73·1	73·2	73·2	73·1	72·6	71·7
DECEMBER 1857	1	70·0	69·3	68·5	68·0	68·1	68·3	68·3	68·2	68·3	* 68·2	68·1	* 67·8	67·5	67·4	67·5	68·5	69·3	70·3	70·3	69·0	69·6	69·3	69·3	69·8	68·7
	2	69·5	69·1	68·5	68·3	68·3	69·0	68·5	68·3	68·3	67·9	67·5	67·7	67·8	67·5	67·6	68·8	67·8	68·8	69·2	69·3	69·5	68·3	68·9	69·7	68·5
	3	69·2	68·7	68·7	67·3	67·3	67·8	67·3	67·4	66·9	66·6	66·4	66·9	67·3	66·4	66·2	67·3	68·5	68·0	68·3	66·9	66·6	67·2	67·9	69·3	67·5
	4	68·5	67·5	67·5	66·2	66·4	66·9	66·6	66·4	65·9	65·8	65·8	64·9	63·9	63·4	64·4	64·4	64·4	66·4	66·9	68·0	68·8	68·5	69·5	69·3	66·5
	5	68·5	68·8	68·0	67·5	67·4	67·3	67·2	67·3	67·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	6	—	—	—	—	—	—	—	—	—	67·3	67·5	67·0	66·4	66·2	64·3	64·9	65·6	66·4	67·2	68·3	67·3	65·4	65·3	65·0	66·8
	7	65·5	66·6	65·7	66·2	66·4	65·6	65·6	64·7	64·4	63·9	63·4	63·2	63·0	62·5	62·1	62·0	63·5	64·9	65·4	66·1	65·6	66·4	66·2	65·9	64·8
	8	64·4	64·4	63·9	64·4	64·2	64·5	64·8	65·4	65·4	65·1	64·9	64·7	64·4	64·1	63·4	63·3	64·9	66·2	66·9	66·6	67·5	66·4	67·7	68·1	65·2
	9	67·9	67·6	67·8	66·8	65·5	65·6	65·1	64·6	64·4	63·9	63·4	63·2	63·0	62·7	63·3	63·0	64·6	64·9	65·2	64·9	65·6	66·6	65·6	66·4	65·1
	10	65·8	64·4	64·1	64·0	63·9	64·4	64·8	64·9	65·4	65·9	66·4	66·6	66·8	66·9	66·4	66·9	67·4	67·8	68·3	69·5	70·2	70·8	71·3	72·0	66·9
	11	72·1	71·7	72·0	72·9	73·2	73·2	73·2	73·2	73·2	73·1	73·1	73·6	74·1	74·4	74·9	75·0	75·5	76·1	75·5	76·2	76·9	75·4	75·0	74·9	74·1
	12	74·4	74·4	74·0	74·1	73·9	73·9	73·5	72·3	72·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	13	—	—	—	—	—	—	—	—	—	72·3	72·7	72·5	72·3	71·8	71·8	72·3	74·5	75·4	75·1	74·9	75·2	75·1	75·2	74·4	73·7
	14	74·9	74·2	73·5	73·8	73·7	73·3	73·2	72·3	71·3	70·8	70·3	70·6	70·8	71·0	70·3	71·5	73·9	74·1	74·2	73·4	73·2	73·5	73·8	73·2	72·7
	15	73·9	72·8	72·4	72·2	71·9	72·1	71·9	71·5	69·5	69·1	68·8	69·0	69·2	68·9	68·8	71·1	72·0	73·1	72·5	71·8	72·6	73·0	72·0	70·5	71·3
	16	70·3	69·8	69·7	69·5	69·3	68·2	67·8	67·3	67·3	66·8	66·4	66·3	66·1	65·9	66·2	69·1	70·5	71·1	71·8	71·5	70·3	71·0	70·5	69·9	68·9
	17	70·1	70·0	69·4	68·6	68·5	68·1	67·5	67·3	66·9	66·6	66·4	66·7	66·9	66·4	66·9	68·7	69·5	70·9	70·5	69·0	68·5	68·1	68·0	68·1	68·2
	18	67·8	67·9	67·7	67·8	67·1	66·6	66·7	66·4	66·1	66·7	67·3	67·4	67·5	68·3	68·5	69·5	69·9	70·7	71·3	71·1	71·4	70·5	71·1	71·8	68·6
	19	71·7	69·8	70·2	70·5	71·1	69·3	69·3	69·0	68·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20	—	—	—	—	—	—	—	—	—	69·5	70·3	70·2	70·1	69·7	69·8	70·1	71·8	73·2	73·4	72·9	72·3	71·7	71·1	70·9	70·7
	21	70·3	69·5	69·3	69·5	69·4	69·5	69·5	69·2	69·3	69·0	68·8	68·9	69·0	68·3	67·6	68·3	67·3	69·0	69·0	68·3	70·0	69·3	70·0	69·5	69·1
	22	67·8	68·0	66·7	66·2	66·1	65·8	65·2	65·6	65·4	65·5	65·6	65·8	65·9	65·4	65·6	64·4	65·9	66·9	66·6	67·0	68·1	68·3	68·8	67·3	66·4
	23	66·8	67·8	66·9	66·9	66·6	67·5	67·4	67·8	67·5	66·9	66·4	66·4	66·4	65·9	66·0	67·3	68·3	65·7	65·9	67·0	67·6	67·3	69·4	68·8	67·1
	24	67·8	67·3	67·6	67·3	67·3	67·1	66·6	65·9	65·6	65·7	65·8	66·0	66·1	66·6	65·2	66·0	64·6	66·0	66·7	68·0	67·5	66·9	67·3	67·1	66·6
	25	66·9	66·4	66·2	66·0	65·2	64·8	64·6	64·6	64·6	64·9	65·2	65·7	66·1	65·6	64·4	65·4	65·6	64·9	65·3	66·4	67·0	67·2	66·6	66·4	65·7
	26	65·8	66·2	66·4	66·3	65·6	65·9	65·4	65·6	65·6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	27	—	—	—	—	—	—	—	—	—	64·8	64·1	64·0	63·9	64·4	64·4	65·4	67·5	69·2	69·3	69·3	68·5	67·3	67·3	67·5	66·2
	28	67·2	67·2	67·5	67·5	67·6	67·7	68·1	68·0	67·8	68·1	68·5	68·4	68·3	68·2	67·5	67·3	68·7	69·9	69·9	69·8	69·8	70·3	70·1	69·3	68·4
	29	69·3	68·1	67·8	67·6	67·9	67·7	67·8	67·8	67·5	67·2	66·9	66·7	66·4	66·4	65·9	67·3	69·0	70·3	70·3	70·5	71·3	70·3	70·9	69·5	68·4
	30	69·7	69·5	69·7	69·7	69·5	69·5	69·3	69·3	70·3	70·1	69·9	69·6	69·3	70·1	69·7	70·1	70·8	71·8	72·5	72·9	73·0	73·0	72·5	71·8	70·6
	31	71·5	70·8	70·5	70·4	70·3	70·3	70·0	70·3	70·3	70·2	70·1	70·1	70·0	69·1	68·8	69·3	70·3	70·8	70·7	69·5	69·3	69·3	68·8	68·6	70·0
	Means	69·2	68·8	68·5	68·4	68·2	68·1	68·0	67·8	67·6	67·5	67·4	67·4	67·4	67·2	66·9	67·7	68·6	69·4	69·6	69·6	69·7	69·5	69·6	69·4	68·4

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR

HUMIDITY OF THE AIR—JANUARY 1857

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·75	0·79	0·82	0·81	0·80	0·80	0·78	0·80	0·82	*0·83	0·83	*0·84	0·86	0·86	0·82	0·77	0·73	0·72	0·70	0·69	0·68	0·70	0·69	0·69	0·774
2	·74	·71	·72	·71	·72	·73	·73	·75	·84	·86	·88	·91	·94	·93	·93	·90	·84	·70	·68	·68	·68	·70	·72	·69	·779
3	·73	·75	·77	·77	·82	·83	·83	·83	·89	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	·91	·93	·93	·93	·93	·93	·85	·84	·73	·74	.73	·72	·69	·73	·74	·815
5	·76	·79	·79	·79	·79	·78	·79	·80	·82	·86	·90	·90	·91	·90	·91	·87	·76	·74	·72	·68	·69	·71	·71	·70	·795
6	·71	·72	·79	·76	·73	·76	·74	·73	·78	·77	·76	·81	·86	·89	·91	·87	·69	·64	·61	·60	·63	·65	·66	·66	·739
7	·69	·73	·73	·75	·75	·73	·71	·73	·74	·77	·80	·82	·84	·79	·86	·80	·71	·63	·62	·64	·62	·63	·64	·65	·724
8	·65	·69	·73	·74	·76	·82	·84	·86	·88	·83	·77	·82	·88	·91	·91	·88	·85	·74	·70	·68	·69	·68	·67	·68	·777
9	·72	·74	·76	·77	·77	·79	·77	·79	·84	·83	·81	·81	·81	·86	·89	·85	·79	·69	·68	·68	·67	·69	·68	·68	·765
10	·69	·73	·75	·76	·76	·75	·74	·74	·73	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	·75	·76	·76	·76	·77	·78	·76	·73	·68	·67	·67	·70	·69	·66	·68	·728
12	·69	·69	·68	·68	·67	·67	·70	·70	·71	·72	·72	·79	·87	·89	·89	·80	·65	·65	·65	·63	·61	·59	·63	·65	·705
13	·63	·64	·66	·67	·68	·67	·74	·69	·72	·72	·71	·72	·73	·73	·73	·71	·66	·64	·65	·65	·65	·63	·64	·66	·680
14	·67	·69	·73	·72	·72	·71	·71	·72	·76	·81	·86	·86	·86	·90	·89	·87	·81	·74	·69	·63	·63	·64	·66	·68	·748
15	·73	·75	·75	·77	·78	.77	·77	·79	·79	·82	·85	·85	·85	·90	·89	·90	·94	·90	·89	·82	·76	·72	·71	·73	·810
16	·72	·74	·76	·78	·77	·79	·81	·81	·81	·86	·91	·90	·90	·89	·89	·86	·82	·79	·74	·68	·67	·64	·63	·64	·784
17	·66	·69	·72	·72	·75	·74	·76	·81	·90	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	·91	·91	·91	·91	·94	·92	·91	·85	·75	·64	·63	·64	·64	·64	·66	·775
19	·69	·71	·72	·74	·73	·73	·74	·75	·76	·82	·88	·90	·92	·92	·93	·90	·77	·76	·69	·65	·63	·64	·62	·64	·760
20	·66	·68	·68	·67	·69	·68	·68	·68	·79	·82	·85	·88	·92	·92	·91	·82	·78	·70	·60	·60	·60	·61	·63	·63	·728
21	·64	·66	·64	·63	·64	·66	·69	·73	·75	·82	·88	·89	·91	·92	·92	·89	·76	·60	·63	·60	·57	·60	·60	·59	·718
22	·61	·60	·69	·68	·70	·72	·76	·71	·81	·84	·86	·88	·90	·91	·91	·83	·72	·66	·56	·53	·54	·52	·53	·54	·709
23	·57	·60	·64	·63	·65	·69	·72	·79	·84	·86	·87	·89	·91	·93	·90	·86	·76	·68	·63	·58	·58	·57	·58	·61	·722
24	·63	·65	·70	·72	·78	·76	·78	·75	·87	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	·91	·94	·91	·89	·88	·85	·82	·75	·69	·66	·67	·64	·64	·66	·67	·759
26	·69	·71	·76	·78	·78	·79	·79	·81	·76	·77	·77	·80	·83	·87	·89	·86	·80	·74	·69	·65	·64	·63	·66	·66	·755
27	·72	·76	·79	·77	·79	·79	·79	·79	·81	·82	·82	·84	·86	·85	·89	·85	·79	·74	·74	·71	·72	·69	·71	·75	·783
28	·77	·76	·78	·81	·82	·81	·82	·85	·87	·89	·91	·91	·91	·91	·92	·86	·75	·77	·75	·73	.69	·69	·74	·74	·811
29	·77	·80	·81	·83	·84	·82	·84	·84	·87	·90	·93	·94	·95	·95	·94	·89	·75	·74	·71	·71	·69	·71	·73	·72	·820
30	·74	·78	·83	·86	·89	·91	·93	·90	·87	·90	·93	·93	·94	·93	·93	·91	·84	·76	·74	·73	·74	·73	·74	·75	·842
Means	0·693	·714	·738	·743	·753	·758	·768	·775	·809	·831	·848	·862	·879	·888	·890	·850	·775	·715	·684	·663	·657	·655	·664	·673	0·762

TENSION OF VAPOUR—JANUARY 1857

	In.	In.	In.	In.	In.	In.	In.	In.	In.	*In.	In.	*In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·710	0·728	0·737	0·727	0·717	0·715	0·691	0·701	0·715	0·716	0·716	0·716	0·716	0·717	0·691	0·695	0·697	0·687	0·708	0·693	0·690	0·678	0·659	0·651	0·703
2	·689	·640	·638	·624	·625	·628	·623	·630	·674	·674	·674	·674	·674	·668	·663	·673	·713	·677	·682	·686	·689	·714	·683	·667	·666
3	·682	·673	·678	·681	·707	·721	·710	·700	·702	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	·714	·725	·721	·718	·711	·711	·699	·754	·707	·723	·724	·728	·717	·736	·727	·711
5	·728	·727	·708	·699	·701	·697	·690	·687	·687	·698	·709	·701	·693	·696	·695	·718	·694	·706	·700	·671	·690	·702	·714	·685	·700
6	·673	·657	·694	·654	·636	·647	·619	·610	·619	·622	·624	·630	·637	·622	·631	·668	·619	·603	·594	·602	·630	·640	·658	·650	·635
7	·652	·661	·646	·650	·643	·636	·605	·615	·607	·616	·624	·630	·636	·611	·633	·657	·651	·596	·606	·628	·621	·647	·638	·633	·631
8	·611	·620	·635	·632	·641	·653	·661	·670	·685	·668	·651	·659	·668	·675	·667	·696	·708	·688	·676	·690	·701	·688	·678	·668	·666
9	·680	·687	·676	·678	·677	·683	·660	·679	·721	·699	·676	·674	·673	·666	·665	·689	·700	·670	·672	·689	·689	·698	·691	·688	·683
10	·662	·671	·671	·673	·671	·662	·650	·640	·628	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	·639	·650	·651	·652	·650	·664	·689	·701	·672	·690	·698	·710	·693	·675	·677	·668
12	·667	·635	·609	·606	·600	·597	·606	·606	·605	·600	·594	·599	·604	·617	·615	·636	·598	·602	·642	·649	·622	·600	·632	·633	·616
13	·595	·582	·587	·587	·592	·587	·619	·584	·600	·603	·606	·611	·617	·617	·616	·608	·613	·622	·629	·651	·656	·636	·631	·635	·612
14	·628	·621	·633	·611	·612	·601	·600	·602	·618	·624	·630	·626	·622	·640	·639	·650	·668	·660	·646	·616	·634	·632	·645	·658	·630
15	·675	·666	·649	·656	·662	·652	·652	·650	·675	·685	·694	·688	·683	·688	·688	·690	·715	·745	·757	·758	·745	·713	·697	·705	·691
16	·680	·674	·670	·676	·672	·675	·675	·671	·665	·665	·664	·652	·640	·628	·620	·620	·661	·694	·699	·669	·662	·631	·607	·610	·658
17	·614	·605	·604	·593	·600	·597	·599	·596	·624	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	·622	·620	·618	·616	·618	·612	·649	·681	·662	·598	·603	·621	·635	·621	·635	·618
19	·627	·632	·615	·624	·614	·612	·619	·626	·615	·631	·647	·637	·628	·625	·631	·657	·637	·673	·647	·641	·624	·620	·607	·609	·629
20	·614	·608	·588	·581	·580	·567	·568	·554	·592	·584	·575	·583	·591	·585	·596	·597	·628	·630	·572	·573	·592	·595	·607	·603	·590
21	·587	·585	·556	·538	·540	·557	·570	·588	·581	·584	·587	·584	·581	·580	·572	·632	·602	·529	·587	·571	·548	·578	·567	·548	·573
22	·542	·520	·578	·563	·566	·573	·579	·532	·575	·571	·567	·567	·568	·566	·567	·581	·569	·578	·508	·502	·512	·503	·509	·503	·550
23	·517	·513	·523	·508	·511	·525	·536	·553	·542	·536	·530	·547	·565	·553	·556	·581	·584	·573	·551	·539	·544	·542	·554	·555	·543
24	·562	·559	·572	·576	·594	·583	·591	·578	·598	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	·647	·696	·668	·641	·634	·606	·622	·635	·637	·635	·666	·648	·652	·659	·659	·622
26	·653	·656	·666	·673	·671	·672	·672	·678	·647	·653	·658	·673	·688	·706	·716	·716	·717	·712	·684	·653	·658	·651	·659	·659	·675
27	·692	·698	·704	·674	·677	·677	·678	·678	·692	·702	·711	·713	·716	·708	·724	·735	·732	·749	·743	·731	·728	·717	·740	·736	·711
28	·732	·714	·696	·705	·731	·704	·706	·715	·699	·705	·710	·711	·713	·710	·697	·709	·712	·747	·767	·780	·749	·717	·758	·753	·723
29	·760	·752	·732	·741	·743	·725	·729	·726	·749	·746	·743	·733	·723	·722	·703	·736	·726	·740	·731	·751	·737	·769	·775	·755	·739
30	·748	·747	·761	·773	·779	·783	·765	·738	·706	·721	·735	·727	·719	·711	·709	·733	·764	·766	·768	·776	·789	·769	·765	·767	·751
Means	0·653	·647	·647	·642	·645	·643	·641	·639	·647	·651	·654	·654	·653	·651	·650	·667	·672	·666	·662	·662	·662	·659	·660	·657	0·654

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR

HUMIDITY OF THE AIR—FEBRUARY 1857

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
Jan. 31	0·77	0·81	0·83	0·84	0·85	0·87	0·89	0·91	0·94	* —	—	* —	—	—	—	—	—	—	—	—	—	—	—	—	—
1	—	—	—	—	—	—	—	—	—	0·93	0·91	0·92	0·93	0·94	0·95	0·91	0·87	0·82	0·75	0·74	0·72	0·71	0·74	0·74	0·845
2	·77	·79	·87	·89	·91	·93	·96	·97	·94	·94	·94	·94	·95	·95	·95	·91	·84	·81	·71	·60	·63	·67	·68	·70	·844
3	·70	·76	·85	·87	·88	·93	·95	·94	·95	·95	·94	·95	·96	·97	·95	·90	·85	·79	·71	·72	·73	·69	·67	·63	·843
4	·70	·73	·83	·88	·90	·90	·93	·93	·93	·94	·95	·95	·95	·92	·94	·93	·86	·76	·63	·64	·63	·60	·60	·62	·819
5	·65	·70	·81	·83	·86	·86	·88	·87	·88	·88	·88	·91	·94	·94	·92	·90	·84	·75	·66	·68	·64	·69	·67	·68	·805
6	·67	·71	·75	·77	·77	·76	·75	·77	·81	·84	·86	·88	·91	·90	·93	·86	·79	·68	·65	·61	·64	·62	·64	·67	·760
7	·67	·73	·80	·81	·85	·85	·86	·80	·94	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	—	·94	·93	·92	·91	·93	·93	·88	·82	·78	·71	·58	·63	·62	·64	·65	·799
9	·67	·73	·79	·83	·82	·88	·86	·91	·93	·93	·93	·92	·92	·94	·94	·90	·81	·72	·67	·64	·64	·65	·64	·65	·805
10	·68	·73	·75	·76	·79	·84	·89	·90	·91	·91	·91	·92	·94	·95	·93	·90	·84	·72	·72	·70	·65	·62	·64	·66	·803
11	·74	·78	·83	·85	·87	·91	·91	·91	·93	·93	·93	·94	·95	·96	·94	·93	·91	·83	·74	·76	·74	·73	·73	·69	·852
12	·72	·77	·83	·86	·88	·90	·93	·92	·93	·94	·94	·94	·95	·97	·99	·92	·87	·82	·71	·58	·56	·56	·61	·68	·824
13	·71	·74	·79	·79	·82	·85	·87	·90	·91	·92	·93	·93	·93	·93	·94	·89	·83	·76	·72	·70	·69	·67	·68	·67	·815
14	·72	·75	·79	·83	·85	·87	·91	·93	·91	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	·93	·94	·93	·92	.95	·95	·90	·82	·73	·71	·66	·65	·66	·71	·73	·823
16	·73	·75	·78	·81	·80	·82	·83	·85	·93	·93	·93	·93	·94	·93	·93	·91	·82	·72	·69	·62	·58	·61	·60	·61	·794
17	·64	·70	·74	·74	·73	·75	·72	·72	·80	·83	·86	·87	·89	·90	·89	·82	·71	·58	·57	·57	·58	·59	·61	·55	·723
18	·61	·63	·63	·66	·69	·71	·72	·72	·78	·82	·86	·87	·88	·88	·89	·85	·77	·73	·68	·64	·65	·64	·61	.62	·731
19	·66	·69	·73	·73	·75	·81	·84	·83	·88	·88	·88	·89	·90	·94	·89	·86	·78	·73	·69	·65	·62	·65	·65	·69	·776
20	·70	·73	·79	·85	·87	·86	·90	·91	·93	·94	·95	·94	·93	·92	·95	·90	·85	·77	·66	·46	·58	·60	·58	·57	·798
21	·56	·61	·75	·74	·74	·83	·86	·90	·89	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	·91	·92	·93	·94	·95	·94	·93	·86	·73	·68	·71	·64	·61	·55	·57	.781
23	·64	·71	·75	·81	·82	·85	·88	·86	·89	·90	·91	·91	·91	·91	·92	·86	·75	·67	·61	·59	·60	·61	·63	·64	·776
24	·67	·72	·79	·80	·83	·86	·91	·92	·90	·93	·95	·93	·92	·94	·94	·88	·77	·62	·50	·44	·39	·41	·46	·48	·748
25	·55	·67	·75	·81	·85	·86	·88	·87	·88	·88	·88	·89	·90	·90	·90	·82	·68	·54	·39	·36	·34	·40	·51	·54	·710
26	·57	·71	·79	·84	·89	·89	·90	·93	·92	·93	·93	·93	·94	·94	·96	·95	·82	·69	·63	·55	·63	·64	·65	·66	·804
27	·70	·73	·79	·81	·83	·89	·88	·90	·91	·93	·94	·94	·95	·94	·95	·95	·81	·76	·74	·68	·71	·67	·64	·64	·820
Means	0·675	·724	·784	·809	·827	·853	·871	·878	·901	·911	·917	·920	·928	·933	·934	·894	·815	·730	·664	·620	·620	·622	·631	·639	0·796

TENSION OF VAPOUR—FEBRUARY 1857

	In.	In.	In.	In.	In.	In.	In.	In.	In.	* In.	In.	* In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
Jan. 31	0·775	0·778	0·765	0·767	0·763	0·767	0·769	0·755	0·743	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1	—	—	—	—	—	—	—	—	—	0·690	0·648	0·649	0·650	0·644	0·655	0·694	0·749	0·779	0·762	0·759	0·750	0·747	0·775	0·757	0·733
2	·760	·748	·769	·754	·734	·725	·732	·727	·696	·705	·713	·705	·698	·681	·675	·710	·734	·767	·744	·757	·691	·720	·733	·733	·725
3	·700	·714	·756	·723	·719	·716	·693	·686	·675	·666	·657	·655	·653	·651	·618	·658	·709	·735	·699	·726	·747	·717	·700	·664	·693
4	·687	·677	·709	·693	·680	·652	·649	·648	·622	·618	·614	·602	·591	·598	·601	·658	·696	·676	·612	·630	·625	·613	·616	·623	·641
5	·639	·646	·680	·661	·646	·635	·633	·619	·596	·597	·597	·602	·607	·612	·598	·638	·659	·671	·647	·668	·642	·693	·640	·657	·637
6	·626	·636	·647	·655	·651	·646	·639	·646	·662	·650	·637	·636	·636	·624	·658	·672	·677	·660	·641	·611	·648	·649	·655	·670	·647
7	·654	·677	·706	·704	·698	·694	·687	·619	·651	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	—	·660	·669	·656	·643	·654	·652	·688	·715	·742	·700	·633	·664	·645	·663	·668	·673
9	·678	·689	·696	·691	·672	·682	·653	·664	·669	·660	·650	·643	·636	·647	·650	·685	·702	·701	·672	·649	·667	·677	·679	·683	·671
10	·672	·694	·690	·690	·699	·710	·704	·685	·682	·674	·666	·671	·676	·675	·659	·703	·745	·713	·726	·713	·688	·682	·689	·685	·691
11	·743	·748	·762	·758	·728	·739	·716	·696	·693	·683	·672	·677	·682	·679	·673	·728	·763	·778	·758	·814	·800	·784	·756	·716	·731
12	·742	·749	·764	·769	·773	·779	·777	·739	·707	·707	·706	·705	·705	·720	·719	·753	·798	·827	·770	·648	·642	·642	·665	·736	·731
13	·742	·724	·750	·735	·741	·751	·754	·753	·741	·726	·711	·703	·695	·683	·695	·732	·766	·771	·774	·785	·784	·754	·768	·728	·740
14	·755	·735	·750	·759	·756	·744	·735	·736	·711	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	·713	·715	·705	·696	·700	·706	·736	·753	·736	·763	·717	·724	·738	·770	·780	·735
16	·751	·735	·736	·749	·725	·731	·727	·727	·752	·722	·692	·694	·696	·695	·711	·747	·764	·734	·717	·674	·650	·670	·660	·664	·713
17	·660	·682	·684	·675	·660	·664	·637	·626	·636	·636	·635	·627	·620	·616	·617	·645	·654	·587	·605	·605	·623	·611	·640	·575	·634
18	·605	·607	·585	·612	·630	·625	·625	·613	·655	·649	·642	·635	·628	·617	·637	·684	·692	·710	·691	·668	·686	·680	·639	·646	·644
19	·648	·639	·655	·650	·648	·667	·661	·629	·628	·627	·625	·604	·583	·590	·593	·634	·671	·682	·680	·663	·642	·682	·686	·701	·645
20	·702	·692	·714	·742	·742	·690	·686	·666	·672	·663	·653	·632	·612	·598	·625	·656	·709	·725	·664	·506	·654	·687	·661	·647	·667
21	·598	·619	·663	·641	·608	·633	·635	·640	·620	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	·628	·636	·623	·610	·613	·627	·686	·738	·736	·732	·778	·729	·707	·629	·646	·657
23	·688	·703	·692	·692	·673	·655	·650	·613	·617	·622	·626	·614	·602	·573	·559	·622	·635	·640	·644	·658	·665	·665	·668	·675	·644
24	·690	·703	·699	·666	·650	·642	·642	·629	·589	·603	·617	·602	·588	·588	·592	·629	·646	·599	·537	·514	·495	·531	·582	·583	·609
25	·622	·700	·689	·680	·679	·657	·641	·631	·633	·615	·597	·589	·582	·559	·555	·580	·569	·537	·443	·457	·450	·552	·661	·656	·597
26	·673	·742	·751	·729	·746	·731	·721	·711	·686	·691	·695	·707	·719	·702	·720	·759	·748	·708	·706	·661	·733	·732	·742	·725	·718
27	·748	·736	·746	·744	·725	·749	·732	·732	·692	·686	·679	·679	·680	·657	·667	·746	·754	·764	·767	·752	·785	·765	·729	·701	·726
Means	0·690	·699	·711	·706	·698	·695	·687	·675	·668	·662	·656	·651	·645	·641	·644	·685	·710	·707	·686	·669	·674	·681	·684	·680	0·679

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR

HUMIDITY OF THE AIR—MARCH 1857

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
Feb. 28	0·69	0·73	0·75	0·79	0·79	0·79	0·83	0·85	0·86	* —	—	* —	—	—	—	—	—	—	—	—	—	—	—	—	—
1	—	—	—	—	—	—	—	—	—	0·88	0·89	0·89	0·90	0·90	0·90	0·86	0·70	0·66	0·60	0·58	0·50	0·55	0·56	0·62	0·753
2	·66	·71	·74	·75	·79	·81	·87	·89	·90	·91	·91	·91	·92	·93	·92	·87	·79	·69	·62	·61	·59	·55	·47	·55	·765
3	·60	·69	·71	·75	·77	·79	·83	·89	·91	·91	·91	·92	·93	·93	·93	·83	·77	·68	·70	·67	·65	·67	·67	·66	·782
4	·73	·77	·80	·78	·84	·88	·89	·91	·91	·92	·93	·93	·94	·94	·95	·90	·80	·69	·65	·64	·63	·65	·65	·69	·809
5	·70	·73	·80	·84	·83	·83	·85	·85	·87	·89	·91	·92	·93	·93	·93	·89	·79	·72	·63	·62	·61	·58	·60	·58	·785
6	·56	·61	·69	·76	·82	·81	·82	·82	·83	·85	·87	·89	·91	·91	·91	·83	·76	·73	·65	·62	·60	·55	·56	·61	·749
7	·65	·76	·81	·79	·80	·77	·79	·80	·81	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	—	·84	·86	·86	·86	·85	·84	·81	·75	·71	·70	·65	·66	·71	·70	·71	·770
9	·73	·75	·80	·82	·84	·82	·81	·83	·83	·85	·87	·87	·87	·91	·96	·86	·76	·69	·67	·62	·68	·64	·67	·71	·786
10	·72	·78	·80	·82	·83	·83	·83	·86	·87	·88	·89	·89	·89	·95	·93	·83	·73	·64	·68	·67	·64	·66	·69	·69	·792
11	·74	·78	·82	·84	·81	·85	·84	·84	·86	·88	·90	·90	·91	·91	·92	·89	·78	·69	·69	·65	·66	·68	·68	·68	·800
12	·70	·74	·74	·79	·80	·81	·81	·83	·82	·85	·88	·89	·90	·91	·90	·84	·72	·67	·64	·64	·62	·62	·64	·64	·767
13	·69	·74	·76	·78	·78	·80	·78	·79	·81	·84	·86	·88	·91	·91	·92	·85	·77	·65	·65	·63	·65	·63	·64	·64	·765
14	·68	·68	·71	·74	·75	·78	·82	·85	·87	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	·87	·87	·88	·90	·88	·91	·81	·72	·63	·61	·59	·60	·58	·59	·62	·748
16	·65	·66	·68	·70	·72	·79	·84	·87	·87	·89	·91	·90	·89	·91	·90	·84	·76	·67	·65	·61	·61	·65	·63	·65	·760
17	·67	·70	·72	·74	·79	·83	·84	·86	·88	·89	·90	·91	·93	·91	·91	·83	·75	·67	·63	·61	·63	·62	·63	·64	·770
18	·68	·70	·72	·75	·77	·78	·82	·84	·87	·89	·91	·91	·92	·93	·92	·85	·76	·67	·61	·49	·51	·54	·59	·64	·753
19	·66	·71	·74	·77	·83	·86	·88	·89	·88	·90	·91	·92	·93	·93	·93	·87	·78	·69	·60	·48	·54	·52	·47	·49	·758
20	·52	·59	·67	·70	·74	·79	·87	·87	·89	·89	·89	·90	·92	·91	·89	·86	·70	·59	·50	·41	·54	·61	·62	·65	·730
21	·72	·77	·82	·84	·86	·89	·88	·91	·92	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	·92	·91	·90	·90	·93	·92	·89	·76	·67	·61	·54	·24	·24	·28	·50	·743
23	·56	·61	·70	·69	·71	·75	·77	·81	·82	·84	·85	·85	·86	·84	·84	·77	·69	·63	·63	·65	·64	·63	·66	·68	·728
24	·70	·72	·76	·78	·79	·78	·81	·81	·86	·88	·89	·89	·89	·88	·90	·85	·79	·73	·70	·68	·64	·62	·61	·61	·774
25	·65	·70	·75	·76	·76	·79	·81	·81	·89	·89	·89	·90	·91	·91	·88	·79	·72	·70	·71	·67	·67	·69	·68	·71	·777
26	·72	·73	·80	·80	·82	·83	·84	·84	·89	·90	·90	·90	·90	·91	·92	·88	·77	·76	·71	·70	·66	·64	·67	·68	·799
27	·74	·80	·85	·85	·87	·88	·89	·89	·91	·92	·93	·94	·96	·96	·95	·86	·77	·66	·64	·67	·66	·61	·61	·60	·809
28	·64	·71	·78	·80	·84	·86	·88	·93	·92	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	—	·93	·94	·92	·91	·90	·93	·86	·74	·70	·67	·60	·62	·61	·62	·67	·791
30	·73	·78	·81	·85	·85	·86	·85	·87	·87	·88	·89	·88	·87	·91	·92	·84	·77	·67	·65	·65	·63	·62	·62	·63	·788
31	·67	·73	·78	·80	·82	·84	·82	·85	·88	·90	·91	·92	·93	·93	·92	·85	·74	·65	·54	·59	·59	·56	·52	·53	·761
Means	0·673	·718	·760	·781	·801	·819	·836	·854	·870	·885	·896	·899	·907	·912	·913	·849	·753	·678	·642	·613	·603	·601	·605	·633	0·771

TENSION OF VAPOUR—MARCH 1857

	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
	In.	In.	In.	In.	In.	In.	In.	In.	In.	* In.	In.	* In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
Feb. 28	0·740	0·736	0·716	0·727	0·711	0·702	0·712	0·705	0·682	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1	—	—	—	—	—	—	—	—	—	0·643	0·604	0·603	0·603	0·603	0·603	0·671	0·630	0·646	0·639	0·661	0·581	0·639	0·639	0·688	0·662
2	·712	·728	·722	·724	·744	·750	·764	·741	·726	·719	·712	·712	·713	·712	·696	·749	·762	·749	·717	·727	·735	·684	·570	·645	·717
3	·686	·736	·725	·735	·761	·755	·765	·775	·759	·747	·734	·738	·742	·711	·718	·739	·779	·775	·818	·796	·780	·797	·807	·769	·756
4	·814	·803	·782	·760	·795	·806	·796	·788	·765	·751	·736	·727	·719	·715	·721	·800	·793	·767	·756	·751	·751	·766	·755	·788	·767
5	·777	·760	·778	·784	·767	·762	·766	·747	·729	·726	·722	·717	·712	·693	·686	·772	·775	·755	·700	·719	·705	·698	·708	·665	·734
6	·634	·637	·674	·706	·727	·706	·706	·703	·695	·684	·672	·668	·664	·648	·650	·690	·738	·780	·750	·740	·756	·676	·687	·726	·697
7	·729	·791	·795	·775	·777	·758	·755	·755	·759	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	—	·783	·806	·807	·809	·792	·804	·839	·819	·822	·836	·824	·832	·862	·858	·846	·801
9	·847	·816	·831	·836	·836	·819	·808	·814	·800	·814	·827	·816	·805	·809	·841	·838	·830	·820	·815	·759	·849	·790	·821	·838	·820
10	·840	·847	·825	·830	·835	·829	·828	·851	·855	·833	·811	·808	·806	·818	·809	·839	·808	·806	·875	·847	·835	·835	·844	·842	·832
11	·862	·860	·871	·876	·840	·868	·854	·842	·865	·852	·839	·827	·816	·809	·825	·885	·858	·848	·854	·816	·827	·853	·835	·826	·846
12	·826	·818	·795	·806	·805	·805	·809	·814	·807	·801	·795	·789	·784	·782	·802	·836	·813	·787	·776	·783	·763	·782	·790	·779	·798
13	·808	·813	·789	·788	·791	·798	·772	·774	·776	·773	·769	·766	·764	·761	·750	·802	·812	·766	·756	·734	·775	·743	·744	·747	·774
14	·769	·726	·720	·728	·730	·746	·749	·731	·724	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	·709	·694	·687	·680	·685	·710	·729	·722	·669	·683	·684	·702	·651	·678	·691	·708
16	·699	·693	·668	·674	·681	·723	·721	·720	·690	·691	·691	·686	·681	·682	·686	·729	·738	·719	·729	·706	·711	·723	·699	·737	·703
17	·737	·704	·702	·709	·721	·719	·715	·708	·690	·689	·688	·690	·692	·688	·687	·738	·735	·709	·688	·704	·692	·695	·700	·698	·704
18	·721	·711	·702	·712	·717	·725	·762	·759	·704	·696	·687	·679	·672	·693	·712	·758	·738	·707	·722	·610	·636	·679	·730	·755	·708
19	·765	·766	·749	·754	·760	·751	·724	·709	·691	·690	·688	·685	·683	·684	·686	·749	·768	·757	·728	·643	·729	·700	·640	·654	·715
20	·649	·676	·699	·711	·721	·745	·771	·764	·749	·733	·717	·709	·701	·687	·704	·738	·720	·668	·648	·572	·694	·771	·793	·799	·714
21	·835	·834	·836	·843	·852	·853	·832	·811	·806	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	·793	·780	·768	·757	·760	·783	·835	·818	·788	·752	·709	·317	·332	·386	·657	·739
23	·647	·673	·714	·694	·699	·713	·703	·695	·671	·670	·668	·660	·653	·670	·673	·708	·714	·720	·749	·775	·782	·767	·791	·792	·708
24	·800	·799	·797	·788	·784	·776	·744	·737	·759	·758	·757	·755	·753	·751	·781	·827	·828	·837	·857	·834	·804	·781	·772	·743	·784
25	·766	·775	·780	·775	·772	·779	·786	·783	·811	·800	·789	·785	·782	·783	·786	·800	·826	·850	·862	·845	·856	·875	·877	·882	·809
26	·875	·845	·874	·859	·873	·864	·866	·858	·885	·881	·876	·846	·817	·836	·862	·911	·909	·923	·926	·942	·898	·881	·898	·881	·879
27	·933	·940	·924	·910	·910	·908	·911	·900	·893	·888	·883	·865	·847	·849	·867	·890	·878	·832	·860	·905	·884	·819	·813	·802	·880
28	·813	·835	·846	·847	·849	·841	·842	·841	·825	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	—	·796	·767	·739	·712	·726	·790	·852	·855	·856	·861	·805	·847	·842	·830	·874	·820
30	·899	·890	·872	·882	·880	·864	·862	·865	·861	·864	·867	·849	·832	·816	·810	·844	·878	·823	·839	·837	·844	·829	·823	·825	·852
31	·825	·838	·831	·837	·836	·847	·830	·824	·803	·793	·783	·784	·785	·781	·787	·839	·830	·777	·713	·789	·805	·772	·714	·704	·797
Means	0·778	·780	·778	·780	·784	·786	·783	·778	·770	·762	·754	·747	·740	·739	·749	·793	·792	·776	·774	·760	·755	·750	·748	·765	0·768

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR

HUMIDITY OF THE AIR—APRIL 1857

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h m. 5.41	h. m. 6.41	h m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·54	0·63	0·71	0·77	0·81	0·85	0·90	0·90	0·88	0·89*	0·90	0·91*	0·92	0·93	0·92	0·86	0·77	0·63	0·67	0·65	0·67	0·68	0·68	0 70	0·782
2	·69	·73	·79	·82	·82	·81	·85	·87	·87	·90	·92	·92	·92	·93	·91	·87	·82	·72	·67	·64	·63	·64	·66	·66	·794
3	·69	·73	·77	·82	·80	·82	·83	·82	·86	·87	·87	·89	·92	·91	·91	·85	·80	·68	·61	·63	·64	·66	·66	·65	·779
4	·71	·73	·77	·78	·79	·81	·84	·84	·85	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	·86	·87	·89	·91	·91	·87	·80	.72	·65	·68	·65	·65	·62	·62	·61	·768
6	·65	·70	·75	·75	·76	·77	·75	·77	·81	·83	·85	·86	·87	·87	·85	·80	·71	·62	·60	·60	·58	·61	·62	·64	·734
7	·69	·73	·76	·77	·76	·76	·76	·82	·82	·85	·87	·87	·87	·87	·85	·77	·67	·69	·68	·78	·74	·65	·62	·67	·763
8	·66	·73	·78	·80	·80	·80	·81	·82	·87	·89	·91	·92	·93	·94	·90	·83	·74	·66	·64	·58	·53	·60	·62	·64	·767
9	·67	·73	·78	·80	·80	·82	·84	·86	·86	·87	·88	·90	·92	·91	·89	·77	·71	·67	·66	·67	·65	·65	·67	·69	·778
10	·71	·74	·77	·80	·82	·83	·83	·83	·83	·85	·86	·86	·87	·93	·88	·78	·70	·63	·65	·65	·63	·63	·64	·65	·765
11	·70	·73	·77	·78	·79	·81	·82	·82	·84	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	·85	·85	·87	·90	·91	·86	·77	·69	·62	·61	·58	·55	·54	·55	·58	·741
13	·61	·68	·73	·78	·79	·80	·80	·81	·82	·86	·89	·89	·90	·91	·86	·77	·67	·63	·52	·55	·57	·60	·61	·63	·737
14	·68	·73	·79	·80	·79	·80	·80	·79	·80	·82	·83	·83	·84	·85	.79	·68	·60	·53	·51	·50	·56	·61	·62	·63	·716
15	·69	·76	·82	·82	·81	·84	·86	·88	·88	·87	.86	·86	·86	·90	·85	·76	·65	·60	·52	·46	·60	·61	·63	·68	·753
16	.72	·78	·83	·85	·87	·86	·86	·88	·87	·85	·82	·83	·84	·84	·80	·74	·67	·58	·51	·56	·64	·66	·65	·67	·757
17	·75	·80	·83	·87	·88	·91	·90	·89	·90	·90	·90	·87	·85	·87	·85	·74	·71	·65	·58	·59	·60	·64	·66	·68	·784
18	·70	·80	·85	·86	·91	·89	·88	·89	·90	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	·91	·91	·91	·92	·90	·86	·75	·68	·60	·63	·62	·61	·61	·65	·68	·788
20	·72	·80	·81	·83	·84	·84	·86	·87	·78	·82	·86	·89	·92	·92	·86	·77	·70	·65	·62	·60	·61	·59	·61	·61	·766
21	·66	·71	·77	·79	·80	·80	·84	·83	·82	·86	·90	·91	·92	·90	·88	·77	·69	·66	·64	·63	·61	·63	·60	·65	·761
22	·71	·74	·76	·78	·79	·81	·82	·83	·84	·86	·88	·87	·87	·87	·84	·74	·71	·64	·80	·78	·66	·70	·68	·66	·777
23	·69	·76	·78	·79	·80	·80	·82	·84	·84	·87	·90	·93	·96	·94	·88	·81	·76	·68	·66	·64	·67	·65	·67	·73	·786
24	·74	·75	·76	·78	·78	·81	·82	·82	·82	·85	·88	·89	·91	·90	·85	·75	·71	·70	·65	·60	·62	·62	·62	·64	·761
25	·65	·70	·74	·76	·73	·78	·80	·80	·86	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	·86	·86	·87	·89	·91	·87	·80	·70	·66	·65	·63	·63	·64	·63	·63	·752
27	·69	·71	·75	·78	·79	·79	·80	·80	·84	·86	·88	·89	·90	·90	·86	·79	·75	·61	·63	·60	·62	·63	·61	·63	·755
28	·66	·69	·74	.76	·77	·78	·79	·79	·80	·80	·79	·80	·81	·84	·79	·72	·66	·65	·58	·58	·60	·61	·60	·66	·720
29	·63	·69	·74	·79	·79	·78	·78	·80	·84	·83	·82	·83	·84	·87	·82	·74	·67	·67	·67	·64	·58	·58	·61	·68	·737
30	·70	·73	·74	·76	·78	·78	·79	·79	·81	·84	·87	·87	·88	·87	·78	·76	·74	·64	·62	·62	·60	·67	·62	·63	·745
Means	·681	·731	·773	·796	·803	·813	·825	·833	·843	·858	·870	·878	·890	·896	·857	·777	·708	·643	·625	·617	·617	·628	·631	·653	0·760

TENSION OF VAPOUR—APRIL 1857

	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.*	In.	In.*	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·679	0·725	0·755	0·794	0·805	0·808	0·807	0·781	0·760	0·743	0·725	0·731	0·737	0·727	0·745	0·827	0·848	0·777	0·850	0·841	0·867	0·881	0·869	0·876	0·790
2	·833	·839	·850	·856	·841	·829	·857	·867	·805	·803	·800	·793	·787	·788	·803	·859	·868	·861	·853	·856	·843	·852	·863	·844	·835
3	·848	·845	·825	·862	·838	·841	·841	·824	·841	·821	·801	·799	·798	·782	·819	·841	·836	·805	·778	·841	·835	·836	·813	·810	·824
4	·844	·839	·824	·825	·824	·833	·855	·845	·835	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	·831	·826	·818	·811	·795	·829	·865	·852	·825	·877	·858	·864	·822	·823	·794	·834
6	·809	·797	·819	·809	·806	·808	·790	·794	·820	·809	·798	·801	·805	·803	·827	857	·844	·792	·778	·850	·834	·846	·828	·835	·815
7	·861	·865	·843	·827	·815	·815	·811	·864	·853	·853	·853	·841	·830	·805	·836	·865	·809	·870	·703	·765	·773	·758	·776	·763	·819
8	·789	·829	·822	·828	·819	·819	·823	·825	·830	·826	·822	·818	·814	·819	·834	·869	·884	·854	·871	·849	·829	·873	·886	·858	·837
9	·872	·870	·894	·897	·883	·889	·896	·900	·899	·892	·884	·881	·879	·866	·879	·871	·885	·878	·923	·940	·930	·914	·912	·912	·894
10	·892	·899	·879	·889	·891	·892	·886	·875	·862	·861	·860	·846	·832	·863	·885	·898	·882	·834	·882	·872	·862	·880	·863	·866	·873
11	·895	·871	·859	·850	·851	·854	·860	·836	·847	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	·837	·827	·818	810	·809	·847	·880	·854	·840	·845	·814	·785	·760	·768	·770	·833
13	·793	·821	·839	·868	·865	·859	·854	·852	·850	·854	·858	·846	·834	·836	·852	·892	·845	·857	·785	·851	·871	·873	·878	·884	·851
14	·884	·895	·917	·916	·884	·881	·865	·857	·859	·875	·890	·880	·870	·875	·861	·820	·810	·781	·786	·796	·860	·899	·914	·900	·866
15	·944	·943	·954	·936	·923	·931	·945	·948	·942	·924	·905	·892	·879	·913	·934	·937	·881	·906	·861	·823	·938	·928	·949	·957	·921
16	·964	·980	·987	·978	·978	·967	·970	·973	·963	·941	·919	·909	·900	·900	·895	·930	·926	·898	·862	·941	·991	·996	·952	·965	·945
17	·988	1·003	·992	1·010	1·003	1·015	·994	·986	·985	·982	.978	·958	·938	·940	·965	·937	·957	·931	·904	·916	·924	·945	·947	·939	·964
18	·948	0·979	·995	0·999	·014	0·992	·979	·976	·979	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	·969	·958	·941	·925	·902	·905	·897	·893	·829	·891	·884	·894	·905	·928	·941	·938
20	·967	·966	·928	·933	0·929	·909	·927	·930	·820	·845	·870	·884	·898	·907	·924	·924	·899	·896	·867	·875	·895	·871	·876	·852	·900
21	·885	·866	·886	·888	·890	·882	·900	·889	·880	·894	·907	·900	·894	·869	·917	·928	·896	·891	·878	·893	·882	·863	·842	·864	·887
22	·886	·897	·868	·875	·879	·895	·894	·892	·885	·887	·888	·874	·861	·832	.870	·892	·886	·818	·953	·960	·889	·947	·904	·885	·888
23	·896	·929	·891	·874	·875	·876	·883	·902	·893	·901	·908	·910	·912	·893	·917	·951	·927	·886	·910	·919	·938	·930	·912	·907	·906
24	·897	·923	·876	·868	·868	·892	·888	·885	·864	·867	·870	·867	·864	·857	·895	·886	·892	·912	·889	·829	·864	·878	·861	·862	·877
25	·866	·874	·862	·870	·830	·869	·889	·880	·900	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	·888	·876	·874	·872	·864	·904	·920	·868	·899	·901	·913	·919	·909	·890	·889	·884
27	·929	·884	·869	·882	·892	·880	·883	·865	·900	·893	·885	·874	·863	·862	·890	·884	·922	·827	·862	·875	·902	·899	·882	·865	·882
28	·880	·889	·867	·881	·878	·881	·883	·877	·897	·884	·871	·868	·866	·885	·932	·899	·869	·894	·824	·858	·873	·882	·876	·894	·880
29	·874	·863	·906	·929	·920	·907	·902	·897	·931	·913	·894	·886	·878	·880	·918	·875	·872	·904	·904	·898	·879	·881	·894	·907	·896
30	·939	·927	·880	·889	·887	·878	·880	·879	·886	·883	·879	·877	·876	·853	·874	·901	·905	·862	·859	·881	·865	·906	·862	·885	·884
Means	·879	·885	·880	·886	·880	·881	·883	·881	·876	·872	·867	·861	·855	·851	·875	·889	·877	·859	·858	·869	·877	·882	·876	·874	0·872

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR

HUMIDITY OF THE AIR—MAY 1857

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h m 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·67	0·69	0·77	0·77	0·78	0·79	0·79	0·82	0·83	*0·83	0·82	*0·83	0·84	0·84	0·79	0·70	0·63	0·56	0·61	0·58	0·56	0·55	0·61	0·65	0·721
2	·67	·72	·76	·78	·79	·79	·80	·80	·77	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	—	·85	·92	·91	·90	·91	·83	·77	·72	·70	·66	·63	·61	·64	·68	·67	·762
4	·72	·75	·79	·81	·84	·82	·81	·86	·88	·89	·90	·91	·92	·92	·86	·75	·68	·60	·54	·57	·58	·58	·59	·57	·756
5	·67	·69	·75	·77	·80	·82	·84	·85	·84	·86	·88	·87	·87	·87	·85	·81	·73	·65	·57	·53	·64	·68	·70	·73	·761
6	·74	·77	·82	·82	·86	·85	·84	·85	·88	·90	·92	·92	·93	·92	·83	·73	·66	·59	·53	·57	·61	·62	·59	·59	·764
7	·65	·70	·76	·77	·81	·80	·80	·78	·79	·79	·78	·78	·78	·79	·76	·68	·62	·57	·53	·50	·53	·57	·59	·64	·699
8	·68	·74	·80	·84	·83	·82	·81	·81	·77	·76	·74	·75	·76	·76	·74	·64	·54	·49	·41	·41	·40	·49	·54	·58	·671
9	·67	·74	·79	·77	·67	·72	·70	·70	·63	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	·72	·80	·80	·81	·82	·77	·69	·62	·56	·51	·43	·39	·47	·55	·60	·664
11	·67	·75	·78	·79	·79	·74	·72	·75	·69	·72	·74	·74	·75	·74	·72	·67	·56	·50	·43	·41	·37	·52	·57	·60	·655
12	·69	·74	·75	·79	·80	·82	·82	·77	·73	·70	·67	·65	·63	·64	·59	·55	·49	·46	·51	·51	·51	·48	·51	·49	·637
13	·49	·59	·69	·76	·76	·76	·74	·75	·76	·73	·70	·72	·74	·73	·67	·55	·51	·47	·43	·48	·55	·57	·55	·58	·637
14	·64	·72	·77	·79	·76	·68	·67	·68	·67	·66	·64	·66	·69	·72	·68	·59	·55	·45	·40	·35	·43	·56	·56	·57	·620
15	·67	·78	·82	·84	·82	·78	·77	·67	·66	·65	·64	·64	·65	·66	·58	·49	·49	·50	·54	·51	·52	·50	·50	·54	·634
16	·61	·71	·77	·77	·74	·74	·73	·70	·69	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	—	—	·72	·74	·73	·73	·72	·67	·62	·52	·45	·43	·41	·39	·37	·35	·53	·618
18	·60	·68	·75	·75	·76	·75	·75	·75	·74	·75	·75	·75	·76	·63	·59	·52	·47	·48	·40	·38	·35	·35	·31	·33	·598
19	·33	·54	·71	·72	·74	·69	·48	·51	·53	·53	·52	·53	·54	·57	·56	·53	·49	·44	·42	·38	·35	·32	·31	·35	·504
20	·53	57	·62	·46	·55	·58	·58	·57	·57	·57	·57	·58	·60	·60	·59	·54	·51	·48	·42	·42	·40	·43	·42	·45	·525
21	·50	·59	·55	·59	·59	·59	·60	·61	·65	·66	·67	·68	·70	·69	·72	·69	·62	·63	·57	·58	·85	·72	·64	·66	·640
22	·72	·70	·77	·75	·78	·80	·81	·80	·76	·76	·76	·75	·75	·75	·70	·65	·60	·56	·51	·45	·43	·52	·53	·53	·673
23	·55	·66	·76	·76	·74	·68	·67	·66	·66	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	—	·66	·66	·68	·71	·68	·65	·64	·60	·54	·52	·49	·48	·43	·55	·58	·625
25	·64	·73	·75	·67	·63	·70	·71	·71	·70	·71	·71	·66	·61	·62	·64	·57	·52	·49	·47	·44	·42	·40	·38	·38	·594
26	·41	·60	·72	·71	·62	·54	·56	·58	·56	·57	·57	·57	·58	·59	·59	·51	·49	·47	·44	·41	·39	·37	·37	·38	·525
27	·40	·40	·42	·46	·47	·49	·55	·55	·53	·55	·56	·57	·58	·61	·57	·52	·46	·44	·40	·38	·34	·34	·35	·32	·469
28	·36	·39	·41	·44	·47	·47	·48	·52	·52	·56	·60	·58	·57	·61	·58	·50	·47	·43	·42	·40	·38	·38	·38	·39	·471
29	·38	·39	·41	·46	·45	·47	·60	·60	·57	·59	·61	·61	·61	·60	·59	·56	·54	·53	·51	·51	·51	·49	·52	·50	·525
30	·51	·68	·74	·78	·84	·83	·83	·80	·80	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
31	—	—	—	—	—	—	—	—	—	·80	·80	·80	·80	·84	·77	·69	·58	·51	·49	·44	·44	·40	·43	·58	·674
Means	0·583	·655	·709	·716	·719	·712	·710	·710	·699	·711	·718	·718	·723	·724	·688	·622	·564	·521	·487	·468	·478	·490	·503	·530	0·632

TENSION OF VAPOUR—MAY 1857

	In.	In.	In.	In.	In.	In.	In.	In.	In.	*In.	In.	*In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·866	0·844	0·884	0·879	0·881	0·886	0·886	0·909	0·898	0·879	0·859	0·867	0·876	0·870	0·887	0·882	0·842	0·821	0·883	0·851	0·843	0·791	0·863	0·901	0·869
2	·873	·874	·887	·897	·901	·903	·906	·901	·880	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	—	·887	·893	·874	·856	·864	·911	·941	·933	·969	·969	·935	·915	·939	·958	·938	·908
4	·946	·950	·920	·928	·934	·918	·899	·926	·922	·912	·901	·897	·893	·887	·905	·912	·900	·857	·833	·883	·914	·883	·856	·846	·901
5	·904	·903	·911	·920	·933	·937	·944	·940	·933	·938	·942	·937	·933	·934	·955	·951	·945	·927	·855	·804	·919	·939	·941	·952	·925
6	·923	·915	·946	·934	·958	·949	·935	·934	·942	·948	·953	·936	·919	·908	·920	·896	·889	·865	·845	·912	·910	·931	·878	·842	·916
7	·881	·889	·902	·907	·926	·920	·920	·883	·886	·864	·842	·826	·810	·824	·846	·848	·867	·859	·866	·853	·875	·920	·917	·909	·877
8	·940	·964	·981	·994	·987	·964	·959	·939	·888	·866	·843	·844	·846	·853	·867	·840	·821	·787	·749	·765	·794	·877	·880	·884	·881
9	·906	·963	·967	·946	·815	·774	·721	·695	·653	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	·788	·922	·910	·898	·894	·917	·887	·906	·867	·859	·789	·745	·879	·892	·908	·854
11	·944	·939	·954	·956	·941	·914	·891	·910	·806	·823	·840	·831	·822	·799	·835	·863	·802	·775	·742	·739	·683	·867	·894	·885	·852
12	·954	·929	·918	·930	·940	·946	·942	·908	·865	·827	·788	·748	708	·697	717	·739	·734	·723	·808	·800	·812	·760	·786	·768	·823
13	·714	·789	·847	·887	·886	·882	·869	·857	·870	·835	·799	·808	·817	·810	·809	·744	·769	·774	·775	·875	·867	·872	·852	·898	·829
14	·919	·928	·948	·968	·952	·842	·829	·820	·794	·766	·738	·740	·743	·773	·811	·786	·788	·724	·714	·685	·865	·861	·857	·870	·822
15	·940	·972	·989	·983	·953	·911	·915	·788	·758	·743	·728	·709	·691	·682	·676	·650	·699	·739	·812	·807	·809	·796	·791	·834	·807
16	·874	·926	·942	·938	·897	·897	·885	·856	·855	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	—	—	·855	·855	·846	·837	·819	·847	·822	·786	·733	·751	·745	·754	·754	·724	·860	·836
18	·907	·918	·935	·928	·911	·894	·890	·886	·867	·866	·864	·863	·863	·748	·757	·743	·734	·810	·717	·702	·688	·729	·653	·711	·816
19	·695	·863	·940	·939	·945	·887	·681	·710	·703	·690	·676	·672	·668	·686	·706	·703	·705	·693	·705	·688	·661	·616	·629	·710	·732
20	·866	·843	·853	·700	·817	·797	·770	·759	·750	736	·722	·725	·728	·727	·734	·721	·723	·702	·692	·716	·742	·782	·778	·717	·754
21	·741	·812	·725	·758	·736	·722	·708	·714	·742	·733	·723	·731	·740	·723	·771	·761	·775	·786	·755	·746	·855	·862	·827	·758	·758
22	·793	·805	·828	·800	·806	·805	·814	·799	·755	·747	·738	·736	·734	·736	·720	·727	·742	·741	·725	·717	·735	·799	·776	·785	·765
23	·780	·843	·891	·886	·861	·795	·772	·758	·758	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	—	·759	·760	·763	·767	·761	·766	·797	·786	·766	·802	·778	·789	·749	·862	·837	·795
25	·866	·895	·901	·815	·773	·817	·835	·842	·826	·817	·807	·757	·707	·712	·769	·734	·728	·730	·733	·728	·738	·746	·723	·737	·781
26	·703	·801	·861	·862	·830	·706	·714	·720	·695	·687	·678	·677	·676	·681	·702	·673	·700	·675	·692	·683	·683	·678	·677	·696	·715
27	·688	·678	·666	·698	·697	·689	·741	·722	·669	·669	·669	·664	·659	·686	·700	·697	·672	·693	·666	·663	·656	·675	·671	·642	·680
28	·681	·684	·665	·666	·669	·654	·645	·663	·650	·681	·711	·681	·652	·682	·714	·667	·682	·656	·667	·677	·686	·706	·727	·709	·678
29	·696	·716	·642	·697	·643	·656	·758	·736	·699	·699	·698	·693	·688	·684	·699	·694	·706	·721	·720	·728	·722	·739	·802	·773	·709
30	·749	·875	·864	·910	·887	·893	·920	·889	·889	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
31	—	—	—	—	—	—	—	—	—	·867	·845	·842	·839	·870	·863	·824	·773	·748	·744	·683	·716	·712	·733	·825	·823
Means	0·836	·866	·876	·874	·865	·845	·837	·826	·806	·803	·800	·791	·783	·781	·800	·789	·785	775	·772	·767	·784	·802	·806	·815	0·812

* The numbers in these columns are not observed, but interpolated for the sake obtaining the daily means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR

HUMIDITY OF THE AIR—JUNE 1857

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·64	0·70	0·77	0·77	0·81	0·82	0·81	0·82	0·78	0·80*	0·82	0·82*	0·83	0·75	0·62	0·54	0·49	0·46	0·43	0·39	0·40	0·50	0·50	0·53	0·658
2	·54	·60	·70	·72	·74	·67	·69	·75	·78	·79	·79	·79	·80	·78	·66	·57	·54	·50	·45	·43	·40	·37	·48	·52	·627
3	·57	·60	·68	·72	·75	·75	·75	·74	·74	·73	·71	·72	·73	·77	·72	·61	·57	·52	·50	·49	·57	·56	·57	·63	·654
4	·66	·72	·77	·79	·81	·81	·82	·78	·75	·73	·70	·68	·67	·72	·71	·59	·57	·57	·48	·45	·47	·58	·60	·64	·670
5	·70	·61	·71	·75	·79	·83	·84	·79	·77	·79	·80	·78	·77	·78	·69	·62	·61	·59	·56	·61	·60	·51	·56	·59	·694
6	·66	·71	·74	·74	·74	·73	·73	·73	·78	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	—	·83	·88	·89	·90	·92	·83	·73*	·64	·57	·59	·62	·61	·61	·62	·64	·727
8	·65	·69	·76	·79	·81	·79	·80	·81	·84	·84	·84	·86	·88	·90	·83	·71	·65	·62	·54	·56	·57	·59	·59	·59	·730
9	·63	·69	·75	·76	·77	·79	·78	·76	·75	·78	·81	·83	·85	·85	·80	·72	·73	·71	·67	·67	·62	·60	·68	·70	·738
10	·66	·71	·76	·79	·84	·87	·88	·87	·84	·85	·86	·83	·80	·80	·93	·93	·91	·89	·83	·78	·78	·73	·73	·69	·815
11	·79	·81	·85	·87	·91	·85	92	·95	·95	·94	·93	·93	·94	·93	·88	·84	·75	·70	·71	·70	·67	·66	·67	·70	·827
12	·74	·78	·82	·83	·84	·77	·74	·76	·78	·81	·83	·84	·86	·85	·77	·68	·64	·60	·57	·53	·49	·62	·67	·65	·728
13	·72	·75	·77	·77	·78	·79	·80	·81	·78	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	·84	·89	·89	·89	·89	·91	·86	·80	·78	·79	·79	·80	·79	·76	·78	·810
15	·81	·83	·87	·88	·88	·89	·91	·90	·90	·90	·89	·87	·85	·83	·81	·80	·76	·73	·70	·69	·61	·63	·62	·63	·800
16	·62	·66	·80	·84	·80	·82	·82	·81	·78	·79	·80	·79	·79	·83	·83	·83	·78	·70	·65	·62	·58	·58	·56	·58	·736
17	·60	·65	·67	·70	·71	·76	·80	·78	·81	·81	·80	·79	·78	·79	·72	·68	·60	·62	·58	·56	·53	·52	·49	·50	·677
18	·52	·54	·56	·86	·87	·83	·87	·90	·87	·85	·82	·80	·79	·81	·74	·68	·63	·57	·54	·53	·50	·49	·50	·50	·690
19	·52	·57	·80	·77	·80	·79	·82	·86	·88	·85	·82	·80	·78	·75	·71	·64	·60	·56	·58	·52	·49	·46	·47	·59	·685
20	·67	·71	·83	·80	·81	·78	·76	·77	·79	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	—	·78	·77	·79	·81	·80	·76	·72	·68	·59	·52	·48	·50	·45	·41	·43	·684
22	·45	·50	·66	·74	·73	·68	·65	·61	·67	·71	·75	·75	·76	·75	·75	·72	·69	·66	·59	·57	·58	·58	·54	·55	·652
23	·59	·64	·65	·70	·74	·71	·71	·66	·69	·70	·70	·72	·74	·76	·70	·63	·56	·51	·46	·42	·40	·41	·41	·41	·609
24	·61	·68	·73	·77	·79	·81	·78	·77	·73	·73	·73	·72	·71	·73	·71	·64	·60	·63	·47	·44	·42	·42	·41	·40	·643
25	·56	·63	·70	·74	·76	·78	·79	·75	·71	·70	·69	·68	·68	·66	·65	·55	·51	·48	·46	·43	·45	·40	·41	·59	·615
26	·67	·82	·82	·84	·85	·81	·84	·88	·84	·83	·82	·81	·81	·79	·76	·70	·67	·61	·57	·52	·53	·49	·46	·46	·717
27	·47	·60	·71	·78	·84	·91	·91	·86	·82	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	·76	·69	·69	·70	·68	·69	·73	·74	·74	·69	·62	·58	·56	·52	·55	·702
29	·57	·61	·65	·66	·67	·66	·71	·73	·74	·75	·76	·75	·75	·75	·69	·63	·59	·56	·51	·41	·37	·36	·32	·31	·605
30	·33	·43	·49	·53	·54	·60	·63	·62	·64	·64	·64	·66	·68	·67	·66	·58	·52	·53	·49	·43	·43	·43	·42	·44	·543
Means	0·613	·663	·732	·766	·784	·781	·791	·787	·785	·790	·790	·788	·790	·790	·751	·690	·647	·615	·574	·548	·537	·535	·537	·562	0·694

TENSION OF VAPOUR—JUNE 1857

	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.*	In.	In.*	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·867	0·909	0·946	0·915	0·934	0·934	0·917	0·912	0·869	0·870	0·870	0·866	0·862	0·789	0·722	0·712	0·701	0·697	0·699	0·694	0·718	0·791	0·775	0·808	0·824
2	·775	·800	·855	·877	·879	·794	·821	·872	·859	·846	·832	·832	·832	·799	·768	·749	·760	·764	·749	·717	·705	·697	·782	·830	·800
3	·856	·853	·859	·886	·891	·893	·879	·875	·871	·844	·816	·812	·808	·838	·855	·820	·818	·809	·823	·853	·917	·861	·868	·910	·855
4	·909	·929	·942	·939	·951	·943	·948	·908	·851	·788	·725	·724	·723	·778	·766	·761	·800	·825	·784	·772	·838	·902	·900	·914	·847
5	·910	·772	·856	·885	·913	·949	·959	·923	·879	·885	·891	·849	·808	·783	·782	·803	·841	·841	·856	·878	·867	·807	·847	·854	·860
6	·891	·920	·915	·887	·881	·871	·875	·856	·878	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	—	·901	·923	·915	·907	·922	·934	·928	·887	·842	·894	·946	·933	·931	·909	·907	·902
8	·908	·917	·911	·923	·926	·912	·907	·917	·915	·909	·902	·906	·911	·914	·926	·920	·921	·888	·845	·878	·907	·925	·934	·927	·910
9	·934	·943	·939	·927	·926	·932	·918	·906	·887	·912	·937	·847	·758	·766	·794	·830	·903	·951	·968	·995	·983	·958	1·010	1·008	·914
10	·923	·958	·943	·941	·988	·987	·985	·961	·933	·927	·921	·887	·853	·810	·801	·814	·811	·817	·834	·893	·913	·899	0·889	0·823	·896
11	·879	·856	·880	·883	·893	·832	·881	·893	·869	·871	·873	·868	·863	·864	·916	·931	·918	·938	·950	·949	·912	·928	·945	·962	·898
12	·974	·964	·954	·955	·958	·845	·794	·791	·796	·811	·825	·819	·814	·800	·820	·820	·830	·830	·832	·820	·841	·921	·938	·904	·861
13	·915	·919	·774	·774	·797	·828	·830	·833	·796	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	·829	·861	·857	·853	·864	·892	·900	·874	·839	·857	·879	·884	·907	·875	·904	·856
15	·922	·948	·946	·931	·925	·933	·944	·925	·901	·873	·845	·825	·805	·780	·795	·815	·821	·839	·828	·833	·771	·797	·812	·837	·860
16	·854	·878	·940	·935	·865	·885	·885	·796	·753	·759	·764	·756	·749	·786	·794	·815	·816	·795	·801	·797	·802	·824	·792	·808	·819
17	·792	·831	·818	·824	·814	·764	·775	·772	·781	·779	·777	·767	·757	·785	·701	·713	·710	·716	·726	·738	·730	·738	·696	·730	·760
18	·748	·740	·731	·825	·830	·814	·853	·863	·841	·822	·802	·778	·754	·755	·753	·775	·812	·780	·761	·778	·757	·766	·773	·791	·788
19	·781	·811	·886	·820	·830	·834	·836	·876	·889	·863	·837	·816	·796	·762	·751	·752	·768	·772	·809	·785	·787	·766	·787	·782	·808
20	·848	·859	·892	·861	·862	·835	·791	·795	·795	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	—	·808	·821	·814	·808	·781	·758	·779	·805	·782	·730	·706	·760	·721	·682	·701	·791
22	·704	·727	·789	·846	·838	·786	·753	·700	·728	·756	·784	·774	·764	·762	·759	·795	·795	·784	·753	·728	·729	·762	·723	·730	·761
23	·768	·828	·811	·826	·849	·817	·790	·732	·748	·743	·737	·735	·734	·738	·777	·803	·761	·761	·734	·687	·674	·718	·734	·726	·760
24	·841	·887	·894	·923	·923	·927	·884	·862	·816	·809	·802	·763	·724	·719	·783	·811	·799	·888	·750	·718	·683	·721	·726	·711	·807
25	·825	·876	·877	·898	·902	·918	·932	·870	·826	·797	·767	·765	·764	·732	·722	·713	·721	·706	·723	·701	·755	·695	·743	·841	·795
26	·881	·879	·859	·856	·848	·819	·848	·883	·849	·843	·837	·827	·818	·789	·817	·826	·842	·842	·800	·772	·834	·787	·781	·775	·830
27	·757	·871	·918	·943	·964	·927	·891	·855	·813	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	·779	·744	·740	·737	·713	·717	·767	·772	·781	·766	·763	·732	·763	·739	·773	·801
29	·756	·765	·784	·778	·774	·752	·772	·758	·756	·760	·764	·757	·751	·735	·717	·708	·707	·741	·741	·640	·620	·615	·580	·540	·720
30	·579	·693	·741	·726	·709	·738	·773	·787	·776	·754	·731	·732	·734	·706	·712	·667	·649	·673	·658	·639	·656	·652	·655	·696	·702
Means	0·838	·859	·872	·876	·880	·864	·863	·851	·834	·828	·823	·809	·796	·787	·790	·797	·802	·804	·795	·791	·796	·802	·804	·815	0·824

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR

HUMIDITY OF THE AIR—JULY 1857

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·45	0·48	0·58	0·62	0·65	0·68	0·73	0·80	0·80	*0·77	0·73	*0·73	0·73	0·69	0·67	0·56	0·53	0·49	0·45	0·41	0·40	0·40	0·38	0·38	0·588
2	·65	·77	·75	·79	·77	·75	·74	·80	·77	·78	·78	·81	·84	·84	·75	·69	·61	·56	·53	·50	·47	·49	·49	·50	·685
3	·67	·66	·76	·74	·75	·78	·78	·83	·80	·76	·71	·71	·71	·75	·70	·63	·58	·53	·47	·45	·43	·43	·39	·51	·647
4	·59	·65	·67	·74	·76	·84	·84	·86	·84	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	·74	·64	·65	·66	·64	·66	·60	·58	·52	·48	·43	·43	·40	·42	·38	·626
6	·41	·44	·49	·75	·75	·77	·78	·76	·67	·67	·67	·66	·66	·65	·68	·56	·50	·49	·45	·43	·40	·40	·41	·39	·577
7	·60	·62	·64	·84	·80	·78	·79	·80	·86	·87	·88	·81	·75	·76	·70	·64	·57	·51	·46	·44	·47	·56	·61	·58	·681
8	·59	·75	·79	·78	·77	·79	·78	·77	·74	·75	·76	·70	·64	·65	·64	·59	·53	·50	·48	·44	·44	·53	·53	·57	·646
9	·72	·69	·69	·73	·79	·78	·79	·75	·77	·75	·73	·74	·76	·77	·73	·63	·60	·55	·53	·50	·50	·50	·47	·46	·664
10	·64	·69	·66	·70	·78	·75	·72	·72	·83	·83	·82	·81	·80	·79	·75	·65	·60	·57	·54	·51	·46	·46	·55	·66	·679
11	·64	·65	·74	·77	·78	·79	·84	·91	·93	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	·86	·78	·77	·76	·76	·75	·72	·64	·59	·53	·49	·48	·44	·51	·57	·696
13	·57	·61	·70	·72	·76	·78	·78	·76	·78	·74	·70	·70	·71	·69	·69	·64	·60	·57	·54	·49	·44	·46	·47	·42	·638
14	·42	·44	·51	·68	·71	·78	·80	·82	·83	·77	·71	·71	·72	·71	·67	·61	·58	·50	·47	·43	·39	·36	·37	·38	·599
15	·45	·59	·68	·66	·74	·81	·77	·75	·68	·67	·66	·66	·67	·63	·61	·57	·52	·50	·44	·42	·41	·50	·52	·52	·601
16	·56	·65	·76	·76	·77	·77	·78	·83	·80	·82	·84	·80	·76	·68	·64	·61	·57	·51	·48	·45	·41	·46	·48	·58	·657
17	·60	·71	·72	·77	·77	·77	·78	·80	·82	·81	·79	·81	·83	·79	·70	·61	·56	·52	·48	·42	·47	·49	·56	·61	·675
18	·69	·72	·79	·76	·77	·77	·74	·77	·78	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	·81	·83	·79	·76	·76	·76	·68	·61	·53	·50	·46	·52	·59	·63	·64	·694
20	·67	·70	·79	·81	·80	·76	·81	·80	·79	·78	·76	·79	·82	·83	·84	·83	·70	·67	·60	·50	·47	·55	·56	·64	·720
21	·68	·72	·75	·76	·79	·80	·82	·80	·76	·81	·85	·86	·87	·88	·86	·85	·84	·80	·68	·62	·60	·60	·63	·61	·760
22	·71	·77	·79	·81	·82	·84	·84	·84	·84	·83	·82	·88	·95	·90	·87	·79	·74	·67	·68	·66	·58	·65	·65	·66	·775
23	·68	·74	·74	·79	·80	·83	·83	·86	·87	·88	·89	·88	·87	·86	·83	·74	·68	·62	·64	·75	·65	·63	·65	·66	·765
24	·70	·78	·81	·83	·83	·88	·87	·87	·86	·87	·88	·87	·86	·87	·82	·75	·67	·65	·62	·58	·55	·53	·62	·61	·758
25	·65	·68	·75	·77	·80	·82	·82	·80	·82	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	·86	·90	·88	·87	·89	·90	·89	·87	·86	·84	·79	·79	·81	·84	·88	·824
27	·90	·88	·91	·89	·89	·87	·91	·93	·97	·96	·94	·94	·95	·93	·93	·90	·87	·85	·80	·77	·71	·70	·71	·72	·868
28	·69	·73	·78	·81	·83	·87	·89	·89	·90	·90	·89	·88	·87	·89	·87	·80	·79	·74	·72	·68	·69	·69	·68	·73	·800
29	·82	·82	·87	·87	·91	·91	·94	·92	·90	·90	·89	·88	·88	·87	·86	·83	·76	·75	·68	·65	·62	·60	·67	·83	·818
30	·78	·84	·85	·83	·84	·87	·85	·82	·75	·76	·76	·79	·82	·77	·79	·78	·66	·66	·65	·60	·59	·59	·74	·65	·752
31	·60	·69	·72	·80	·76	·85	·91	·98	·82	·83	·83	·84	·85	·86	·82	·76	·72	·67	·64	·63	·62	·64	·58	·76	·758
Means	0·634	·684	·729	·770	·785	·803	·812	·824	·814	·807	·794	·791	·791	·782	·759	·700	·647	·607	·570	·537	·518	·536	·560	·589	0·702

TENSION OF VAPOUR—JULY 1857

	In.	In.	In.	In.	In.	In.	In.	In.	In.	*In.	In.	*In.	In.	In.	In.	In	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·693	0·687	0·756	0·762	0·788	0·785	0·839	0·876	0·860	0·820	0·780	0·766	0·753	0·715	0·698	0·668	0·667	0·658	0·659	0·665	0·673	0·712	0·698	0·691	0·736
2	·834	·916	·855	·907	·860	·845	·847	·861	·821	·806	·791	·799	·807	·818	·770	·767	·750	·729	·724	·729	·763	·766	·771	·793	·805
3	·878	·846	·896	·857	·858	·882	·857	·902	·874	·819	·763	·752	·742	·762	·733	·721	·727	·722	·698	·722	·720	·776	·707	·811	·793
4	·782	·835	·840	·895	·912	·915	·840	·876	·872	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	·792	·711	·710	·710	·699	·710	·689	727	·697	·692	·675	·678	·677	·690	·637	·761
6	·653	·705	·722	·914	·903	·909	·896	·874	·812	·785	·758	·734	·710	·701	·761	·697	·694	·709	·718	·708	·712	·695	·722	·710	·758
7	·840	·823	·821	·901	·909	·881	·878	·889	·921	·900	·879	·818	·757	·765	·764	·754	·750	·721	·715	·719	·775	·831	·874	·821	·821
8	·826	·918	·914	·902	·886	·891	·884	·856	·811	·808	·805	·757	·710	·723	730	·730	·732	·726	·742	·741	·762	·820	·842	·816	·805
9	·913	·869	·826	·866	·923	·896	·887	·828	·827	·804	·780	·786	·793	·809	·816	·759	·787	·767	·784	·755	·768	·828	·798	·756	·818
10	·863	·851	·800	·834	·903	·857	·819	·806	·868	·852	·836	·819	·802	·801	·808	·787	·782	·801	·790	·788	·760	·736	·821	·893	·820
11	·861	·834	·887	·898	·890	·887	·872	·868	·841	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	·812	·783	·774	·766	·766	·780	·791	·811	·779	·769	·746	·766	·739	·809	·824	·815
13	·831	·811	·879	·859	·895	·884	·883	·846	·853	·812	·771	·759	·747	·741	·742	·749	·762	·751	·736	·709	·689	·717	·750	·700	·787
14	·682	·680	·727	·825	·824	·882	·900	·904	·892	·831	·769	·750	·732	·724	·723	·706	·725	·694	·685	·666	·638	·618	·634	·648	·744
15	·710	·817	·873	·848	·874	·920	·882	·842	·760	·743	·725	·717	·710	·675	·667	·672	·670	·686	·656	·681	·657	·756	·765	·774	·753
16	·778	·834	·899	·876	·888	·878	·881	·898	·845	·859	·872	·831	·791	·728	·725	·718	·720	·709	·690	·701	·684	·730	·752	·834	·797
17	·830	·886	·854	·896	·854	·819	·839	·861	·864	·846	·828	·833	·839	·799	·758	·766	·750	·749	·750	·681	·752	·786	·852	·900	·816
18	·913	·910	·927	·886	·876	·880	·847	·849	·852	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	·872	·892	·839	·786	·792	·817	·819	·820	·771	·784	·746	·812	·862	·876	·871	·846
20	·873	·864	·914	·913	·903	·871	·907	·890	·871	·836	·801	·811	·821	·814	·827	·868	·884	·899	·873	·814	·808	·871	·895	·890	·863
21	·882	·895	·886	·886	·892	·899	·919	·889	·846	·840	·833	·816	·799	·787	·790	·814	·836	·840	·836	·831	·845	·851	·881	·846	·852
22	·888	·886	·876	·884	·879	·907	·885	·870	·878	·872	·865	·842	·820	·780	·805	·827	·843	·822	·875	·933	·862	·901	·898	·882	·866
23	·868	·871	·809	·821	·823	·832	·827	·823	·839	·849	·858	·855	·853	·845	·898	·884	·845	·855	·913	·898	·891	·867	·865	·845	·856
24	·855	·911	·895	·895	·889	·917	·913	·909	·914	·902	·889	·856	·824	·827	·821	·839	·839	·833	·861	·852	·817	·820	·876	·850	·867
25	·850	·838	·854	·859	·885	·918	·910	·890	·897	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	·838	·779	·776	·773	·793	·821	·809	·827	·835	·844	·845	·827	·856	·871	·864	·844
27	·881	·863	·862	·827	·806	·773	·760	·767	·763	·766	·768	·775	·783	·777	·785	·800	·827	·839	·825	·817	·786	·795	·809	·833	·804
28	·759	·762	·787	·794	·794	·792	·803	·798	·780	·774	·767	·758	·749	·754	·771	·776	·807	·784	·811	·791	·788	·812	·846	·786	·785
29	·851	·827	·779	·778	·814	·809	·839	·820	·802	·798	·793	·789	·786	·772	·770	·792	·791	·832	·802	·795	·804	·822	·816	·848	·805
30	·875	·900	·879	·852	·842	·853	·842	·784	·722	·720	·718	·727	·736	·708	·727	·735	·752	·779	·787	·788	·825	·818	·827	·830	·793
31	·757	·801	·773	·806	·770	·793	·822	·858	·758	·761	·764	·770	·777	·769	·784	·799	·806	·771	·769	·803	·801	·819	·731	·866	·789
Means	0·823	·839	·844	·861	·864	·866	·862	·857	·839	·819	·799	·786	·773	·765	·770	·768	·775	·769	·770	·763	·765	·788	·803	·808	0·807

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR

HUMIDITY OF THE AIR—AUGUST 1857

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·76	0·78	0·84	0·83	0·80	0·89	0·84	0·81	0·81	* —	—	* —	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	0·85	0·89	0·89	0·89	0·87	0·87	0·80	0·78	0·70	0·64	0·60	0·56	0·57	0·56	0·57	0·767
3	·71	·74	·82	·84	·86	·88	·88	·90	·84	·86	·87	·89	·92	·91	·80	·68	·64	·60	·59	·55	·52	·52	·61	·65	·753
4	·70	·70	·77	·80	·83	·86	·86	·86	·86	·85	·83	·82	·82	·80	·76	·71	·67	·60	·55	·52	·50	·54	·64	·66	·730
5	·69	·79	·82	·83	·80	·84	·84	·83	·92	·88	·84	·85	·86	·88	·83	·71	·63	·55	·50	·50	·47	·46	·53	·62	·728
6	·65	·69	·76	·78	·79	·84	·86	·86	·79	·82	·84	·83	·83	·73	·71	·64	·63	·60	·50	·49	·46	·46	·44	·61	·692
7	·70	·79	·86	·86	·86	·87	·87	·86	·80	·75	·69	·69	·69	·69	·70	·70	·62	·54	·53	·48	·46	·43	·43	·43	·679
8	·45	·48	·52	·64	·65	·75	·77	·78	·79	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	·77	·75	·75	·75	·73	·64	·56	·52	·47	·46	·45	·45	·38	·39	·37	·595
10	·40	·69	·56	·66	·52	·62	·55	·55	·56	·57	·58	·59	·60	·66	·63	·57	·55	·48	·43	·44	·41	·40	·42	·58	·543
11	·63	·66	·73	·75	·79	·78	·82	·83	·84	·84	·83	·76	·70	·68	·68	·65	·57	·51	·48	·47	·46	·44	·45	·45	·658
12	·61	·70	·74	·78	·78	·80	·80	·79	·74	·72	·69	·74	·80	·79	·69	·60	·58	·51	·48	·45	·44	·41	·42	·56	·651
13	·70	·80	·84	·83	·84	·85	·87	·86	·87	·86	·85	·83	·81	·80	·74	·67	·61	·56	·53	·49	·45	·44	·43	·43	·707
14	·41	·51	·64	·75	·49	·55	·55	·58	·61	·62	·63	·64	·66	·68	·67	·59	·56	·53	·49	·45	·42	·40	·41	·41	·552
15	·46	·51	·55	·57	·58	·55	·56	·55	·55	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	·56	·57	·58	·60	·68	·61	·61	·56	·54	·50	·42	·39	·41	·41	·39	·530
17	·40	·53	·61	·67	·66	·72	·75	·78	·81	·72	·63	·63	·64	·63	·63	·62	·55	·52	·47	·45	·45	·44	·41	·41	·589
18	·41	·58	·64	·73	·86	·89	·87	·92	·78	·75	·71	·71	·71	·71	·71	·68	·67	·60	·58	·56	·55	·51	·49	·54	·673
19	·52	·61	·65	·64	·65	·78	·77	·76	·72	·69	·66	·66	·67	·66	·63	·63	·55	·51	·50	·44	·48	·41	·60	·62	·617
20	·67	·70	·77	·79	·79	·82	·80	·76	·78	·80	·81	·78	·76	·74	·68	·62	·56	·52	·48	·44	·43	·41	·56	·60	·670
21	·65	·67	·72	·73	·78	·71	·80	·84	·81	·81	·80	·78	·77	·75	·69	·64	·59	·54	·48	·45	·43	·51	·58	·64	·674
22	·69	·69	·73	·84	·84	·87	·85	·91	·96	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	·91	·86	·83	·80	·76	·73	·67	·60	·55	·52	·47	·45	·54	·54	·60	·717
24	·68	·69	·77	·78	·82	·83	·84	·84	·80	·82	·83	·85	·88	·87	·84	·75	·61	·56	·54	·51	·55	·61	·62	·67	·732
25	·68	·73	·77	·80	·76	·76	·76	·81	·86	·88	·89	·88	·87	·85	·81	·75	·66	·57	·50	·48	·47	·43	·42	·48	·703
26	·57	·69	·74	·73	·71	·70	·73	·71	·71	·72	·73	·73	·74	·69	·68	·60	·53	·49	·46	·44	·42	·56	·53	·62	·635
27	·64	·67	·74	·73	·70	·71	·77	·87	·77	·80	·82	·81	·80	·81	·74	·72	·66	·53	·48	·44	·42	·48	·50	·61	·676
28	·66	·68	·70	·75	·71	·79	·75	·73	·77	·79	·80	·80	·81	·72	·68	·79	·54	·56	·48	·40	·37	·37	·45	·57	·653
29	·64	·68	·74	·75	·63	·61	·58	·65	·69	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	·70	·70	·69	·69	·65	·66	·60	·53	·47	·47	·42	·39	·47	·50	·56	·603
31	·63	·69	·74	·78	·77	·77	·82	·79	·77	·72	·67	·67	·67	·64	·63	·59	·55	·51	·46	·45	·40	·40	·58	·61	·638
Means.	0·604	·671	·722	·755	·741	·771	·775	·786	·777	·772	·760	·757	·759	·745	·709	·660	·597	·543	·504	·472	·454	·462	·497	·548	0·660

TENSION OF VAPOUR—AUGUST 1857

	In.	In.	In.	In.	In.	In.	In.	In.	In.	* In.	In.	* In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·872	0·877	0·888	0·875	0·830	0·907	0·842	0·814	0·794	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	0·828	0·861	0·853	0·845	0·825	0·841	0·859	0·858	0·849	0·824	0·799	0·821	0·832	0·830	0·832	0·844
3	·864	·867	·918	·906	·920	·935	·937	·948	·886	·881	·875	·886	·897	·876	·832	·791	·752	·758	·781	·792	·780	·810	·877	·865	·860
4	·879	·850	·851	·880	·896	·911	·915	·899	·908	·885	·862	·835	·808	·776	·799	·826	·809	·774	·763	·757	·769	·843	·900	·902	·846
5	·882	·921	·909	·898	·897	·926	·908	·889	·953	·899	·844	·846	·849	·842	·862	·807	·767	·717	·693	·740	·735	·752	·808	·854	·842
6	·834	·842	·877	·887	·888	·924	·926	·926	·857	·867	·876	·856	·837	·753	·761	·748	·796	·778	·722	·739	·721	·754	·760	·857	·824
7	·885	·864	·920	·942	·920	·915	·912	·899	·836	·787	·737	·726	·715	·692	·734	·789	·769	·731	·716	·736	·751	·737	·736	·729	·799
8	·749	·735	·723	·807	·794	·845	·864	·865	·857	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	·823	·789	·785	·782	·729	·663	·645	·624	·628	·641	·662	·668	·634	·652	·672	·735
10	·666	·781	·744	·818	·637	·731	·655	·642	·647	·649	·650	·634	·619	·641	·676	·654	·685	·653	·639	·648	·661	·665	·678	·780	·677
11	·795	·814	·840	·836	·853	·847	·883	·869	·857	·838	·819	·769	·720	·691	·713	·729	·745	·702	·681	·711	·744	·743	·748	·707	·777
12	·794	·833	·849	·866	·860	·880	·874	·854	·784	·737	·690	·742	·794	·773	·715	·714	·711	·716	·716	·704	·718	·726	·755	·838	·777
13	·881	·892	·901	·893	·901	·903	·904	·876	·886	·870	·853	·831	·809	·775	·766	·760	·762	·743	·748	·737	·721	·725	·724	·716	·816
14	·679	·767	·837	·893	·642	·654	·641	·674	·702	·699	·695	·700	·706	·714	·726	·703	·698	·675	·683	·652	·648	·637	·679	·665	·699
15	·696	·728	·716	·721	·731	·687	·682	·663	·661	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	·658	·654	·668	·682	·703	·688	·709	·723	·708	·717	·677	·660	·677	·693	·681	·691
17	·686	·758	·775	·818	·769	·827	·813	·834	·856	·775	·693	·686	·680	·664	·673	·711	·663	·678	·678	·687	·717	·725	·696	·686	·731
18	·685	·780	·770	·808	·845	·870	·861	·893	·810	·777	·743	·743	·744	·736	·737	·734	·788	·734	·738	·744	·769	·749	·740	·766	·774
19	·738	·784	·799	·748	·747	·837	·819	·818	·778	·756	·733	·728	·724	·706	·680	·722	·713	·702	·731	·694	·778	·726	·843	·780	·753
20	·816	·834	·879	·879	·855	·879	·854	·818	·829	·824	·818	·792	·766	·735	·713	·712	·716	·700	·688	·693	·704	·693	·773	·785	·781
21	·793	·816	·829	·832	·837	·785	·832	·842	·833	·820	·806	·787	·768	·732	·723	·729	·720	·694	·682	·690	·712	·776	·794	·806	·777
22	·825	·794	·809	·873	·863	·865	·856	·864	·883	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	·873	·862	·836	·810	·765	·780	·758	·732	·721	·705	·697	·717	·790	·789	·836	·804
24	·875	·838	·855	·857	·894	·886	·882	·870	·831	·835	·839	·832	·826	·805	·825	·873	·772	·758	·759	·770	·823	·844	·853	·874	·837
25	·877	·860	·880	·853	·807	·819	·813	·839	·867	·863	·859	·844	·830	·805	·813	·842	·797	·765	·731	·759	·759	·734	·720	·782	·813
26	·846	·875	·861	·850	·827	·808	·775	·769	·770	·779	·788	·779	·770	·715	·739	·716	·675	·688	·670	·686	·690	·798	·808	·864	·773
27	·884	·839	·873	·843	·792	·812	·846	·909	·808	·828	·847	·825	·803	·805	·777	·785	·761	·685	·653	·658	·676	·705	·747	·851	·792
28	·885	·845	·826	·856	·794	·859	·811	·788	·821	·819	·816	·804	·792	·711	·714	·915	·683	·770	·676	·635	·605	·642	·725	·830	·776
29	·854	·845	·867	·862	·773	·741	·703	·751	·779	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	·754	·729	·719	·709	·682	·696	·687	·654	·626	·683	·648	·640	·700	·725	·773	·733
31	·793	·829	·849	·873	·854	·856	·892	·857	·826	·790	·754	·744	·734	·689	·700	·716	·692	·692	·676	·696	·644	·666	·835	·804	·769
Means	0·809	·826	·840	·853	·824	·843	·835	·833	·820	·804	·788	·779	·770	·744	·744	·755	·733	·717	·708	·708	·717	·734	·765	·790	0·781

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR

HUMIDITY OF THE AIR—SEPTEMBER 1857

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·61	0·72	0·76	0·78	0·80	0·81	0·80	0·80	0·80	*0·80	0·80	0·81	*0·82	0·84	0·84	0·74	0·61	0·54	0·59	0·59	0·57	0·57	0·57	0·58	0·715
2	·62	·67	·76	·78	·79	·81	·82	·82	·82	·82	·82	·82	·82	·82	·80	·74	·71	·61	·58	·50	·51	·56	·50	·55	·710
3	·62	·67	·73	·77	·78	·78	·76	·73	·78	·76	·74	·75	·77	·80	·79	·60	·61	·48	·43	·48	·50	·48	·49	·58	·662
4	·62	·66	·69	·70	·77	·79	·80	·80	·81	·81	·80	·81	·82	·87	·82	·70	·59	·58	·52	·45	·51	·55	·60	·61	·695
5	·65	·68	·72	·76	·74	·75	·78	·79	·80	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	·78	·76	·77	·79	·83	·81	·68	·62	·51	·44	·41	·53	·55	·53	·60	·678
7	·65	·73	·75	·77	·77	·78	·80	·77	·79	·79	·79	·80	·81	·87	·78	·64	·55	·52	·48	·43	·39	·39	·36	·55	·665
8	·61	·73	·75	·79	·78	·77	·78	·77	·72	·72	·72	·72	·72	·71	·65	·59	·55	·50	·48	·46	·43	·40	·50	·60	·644
9	·64	·64	·69	·69	·70	·70	·73	·75	·73	·74	·74	·73	·73	·66	·63	·61	·55	·53	·49	·42	·38	·38	·41	·55	·617
10	·65	·69	·73	·73	·70	·76	·74	·75	·71	·75	·78	·79	·80	·69	·66	·60	·51	·47	·42	·39	·46	·46	·49	·52	·635
11	·60	·66	·71	·74	·77	·75	·77	·78	·80	·81	·82	·82	·83	·85	·83	·70	·58	·51	·42	·53	·53	·52	·54	·57	·685
12	·59	·66	·74	·77	·80	·80	·80	·79	·78	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	·75	·71	·71	·71	·75	·66	·67	·63	·62	·50	·44	·41	·42	·51	·63	·660
14	·64	·67	·67	·73	·82	·80	·80	·79	·78	·79	·79	·80	·82	·85	·87	·86	·80	·68	·58	·53	·51	·64	·88	·75	·744
15	·78	·79	·83	·84	·83	·83	·85	·80	·82	·81	·80	·81	·83	·83	·82	·78	·72	·63	·60	·61	·63	·68	·68	·67	·761
16	·67	·68	·74	·75	·85	·84	·82	·92	·87	·85	·82	·81	·81	·81	·78	·79	·79	·71	·67	·64	·58	·55	·54	·57	·744
17	·64	·72	·71	·77	·86	·82	·88	·91	·85	·88	·90	·86	·83	·79	·80	·77	·71	·69	·65	·66	·59	·55	·58	·55	·749
18	·54	·63	·69	·74	·80	·84	·82	·86	·86	·86	·86	·83	·80	·74	·73	·69	·62	·55	·51	·50	·48	·45	·44	·48	·680
19	·49	·74	·77	·76	·75	·79	·80	·81	·82	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	·83	·84	·83	·82	·85	·84	·83	·78	·73	·74	·71	·70	·66	·66	·69	·760
21	·70	·77	·79	·81	·81	·84	·84	·84	·85	·87	·88	·89	·91	·94	·90	·80	·75	·65	·63	·73	·71	·65	·63	·67	·786
22	·73	·77	·82	·83	·84	·85	·88	·91	·90	·91	·92	·92	·93	·91	·84	·82	·88	·77	·77	·76	·75	·66	·70	·73	·825
23	·73	·80	·83	·85	·88	·87	·86	·90	·90	·89	·88	·91	·94	·93	·88	·79	·68	·66	·58	·61	·65	·64	·61	·64	·788
24	·72	·78	·81	·84	·86	·87	·86	·87	·87	·88	·88	·87	·86	·85	·80	·70	·64	·57	·52	·59	·58	·59	·65	·69	·756
25	·73	·78	·80	·85	·86	·87	·86	·85	·87	·86	·84	·82	·80	·83	·83	·77	·71	·63	·57	·51	·56	·61	·66	·69	·757
26	·75	·79	·82	·84	·84	·88	·76	·75	·77	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	·82	·86	·84	·83	·85	·82	·76	·66	·59	·49	·48	·53	·53	·59	·65	·729
28	·70	·71	·76	·80	·84	·85	·87	·90	·91	·91	·91	·90	·89	·86	·79	·74	·64	·59	·52	·53	·56	·60	·66	·70	·756
29	·72	·77	·83	·81	·78	·88	·88	·86	·88	·84	·80	·84	·88	·87	·83	·77	·68	·60	·51	·52	·55	·56	·63	·67	·748
30	·84	·81	·81	·85	·84	·87	·88	·88	·87	·89	·91	·90	·89	·90	·88	·76	·70	·63	·56	·46	·47	·47	·43	·46	·748
Means	0·663	·720	·758	·783	·802	·815	·817	·823	·822	·824	·822	·822	·825	·827	·795	·727	·664	·598	·548	·536	·541	·543	·571	·613	0·719

TENSION OF VAPOUR—SEPTEMBER 1857

	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·795	0·860	0·876	0·881	0·889	0·899	0·889	0·889	0·891	*0·879	0·867	*0·863	0·860	0·878	0·900	0·867	0·790	0·740	0·813	0·824	0·831	0·807	0·832	0·808	0·851
2	·824	·831	·875	·898	·894	·901	·900	·912	·894	·891	·888	·886	·885	·894	·890	·873	·788	·771	·760	·719	·767	·809	·754	·795	·846
3	·848	·863	·863	·879	·898	·883	·862	·837	·874	·853	·831	·829	·827	·853	·852	·735	·789	·658	·639	·761	·743	·730	·732	·812	·810
4	·855	·836	·828	·827	·880	·884	·886	·891	·877	·859	·840	·852	·864	·879	·877	·850	·743	·754	·710	·667	·781	·796	·854	·872	·832
5	·873	·847	·846	·870	·847	·834	·851	·854	·859	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	·837	·814	·807	·800	·845	·877	·842	·829	·750	·686	·673	·805	·821	·797	·839	·821
7	·842	·885	·885	·879	·857	·866	·889	·865	·857	·863	·868	·865	·863	·903	·853	·747	·694	·719	·703	·685	·656	·654	·648	·786	·806
8	·821	·891	·887	·898	·872	·879	·899	·879	·806	·795	·783	·780	·778	·761	·702	·685	·705	·669	·680	·700	·706	·683	·798	·830	·787
9	·825	·799	·831	·818	·826	·826	·837	·857	·838	·839	·840	·817	·794	·704	·673	·665	·648	·675	·670	·629	·630	·634	·681	·816	·757
10	·864	·831	·844	·820	·775	·846	·830	·822	·775	·786	·796	·785	·775	·672	·685	·662	·626	·628	·606	·595	·680	·658	·714	·740	·742
11	·820	·821	·830	·840	·839	·814	·831	·842	·861	·864	·867	·853	·839	·833	·839	·828	·730	·695	·628	·766	·757	·737	·759	·799	·804
12	·802	·836	·859	·876	·889	·897	·871	·857	·853	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	·821	·788	·774	·761	·794	·717	·723	·693	·735	·650	·660	·641	·665	·759	·852	·782
14	·836	·839	·815	·823	·824	·802	·802	·788	·746	·759	·772	·762	·753	·792	·825	·850	·836	·808	·753	·747	·762	·805	·911	·873	·803
15	·905	·907	·898	·897	·890	·868	·865	·832	·821	·802	·783	·784	·786	·809	·798	·813	·806	·745	·714	·736	·725	·773	·815	·825	·817
16	·816	·825	·840	·840	·912	·900	·879	·893	·825	·816	·806	·800	·794	·778	·747	·756	·793	·779	·786	·775	·759	·735	·711	·724	·804
17	·731	·825	·794	·828	·905	·861	·832	·855	·824	·835	·846	·816	·786	·770	·775	·768	·758	·767	·754	·767	·735	·692	·726	·687	·789
18	·666	·735	·768	·800	·831	·842	·854	·879	·876	·874	·871	·850	·830	·756	·744	·742	·739	·688	·670	·691	·695	·692	·671	·690	·769
19	·700	·869	·892	·840	·836	·857	·859	·863	·859	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	·851	·842	·831	·820	·805	·807	·814	·824	·837	·875	·886	·884	·842	·862	·869	·843
21	·853	·866	·861	·871	·869	·878	·870	·871	·865	·874	·883	·884	·885	·921	·922	·890	·867	·814	·802	·885	·888	·870	·832	·850	·870
22	·881	·886	·892	·902	·908	·903	·930	·944	·919	·914	·909	·913	·918	·920	·900	·894	·911	·880	·940	·943	·885	·854	·891	·903	·906
23	·895	·904	·920	·916	·923	·909	·899	·931	·916	·900	·884	·903	·922	·920	·913	·887	·853	·860	·815	·876	·896	·891	·825	·831	·891
24	·875	·887	·908	·931	·939	·940	·927	·925	·915	·913	·911	·896	·882	·836	·792	·769	·752	·734	·728	·838	·801	·793	·866	·879	·860
25	·889	·898	·889	·924	·935	·940	·930	·916	·909	·891	·872	·849	·826	·846	·869	·886	·871	·852	·830	·772	·825	·885	·930	·912	·881
26	·938	·929	·941	·945	·941	·959	·764	·762	·773	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	·792	·810	·798	·786	·813	·802	·797	·784	·767	·713	·701	·772	·807	·835	·904	·826
28	·854	·817	·847	·865	·875	·865	·871	·882	·891	·866	·841	·815	·789	·760	·745	·764	·744	·763	·710	·794	·822	·845	·892	·909	·826
29	·921	·940	·956	·924	·898	·978	·955	·920	·911	·857	·802	·819	·836	·803	·814	·826	·833	·791	·738	·781	·816	·835	·885	·847	·862
30	·851	·805	·811	·833	·829	·855	·848	·829	·827	·832	·836	·829	·822	·824	·814	·766	·797	·812	·776	·686	·727	·698	·662	·719	·795
Means	0·838	·855	·864	·870	·876	·880	·870	·869	·856	·849	·840	·833	·826	·822	·813	·796	·777	·757	·736	·752	·769	·770	·794	·822	0·822

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR

HUMIDITY OF THE AIR—OCTOBER 1857

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·63	0·72	0·77	0·84	0·84	0·87	0·89	0·92	0·92	*0·92	0·92	*0·89	0·87	0·89	0·90	0·84	0·69	0·61	0·57	0·51	0·52	0·57	0·53	0·55	0·757
2	·61	·70	·75	·77	·82	·86	·87	·91	·93	·95	·97	·96	·96	·93	·91	·86	·83	·74	·69	·63	·66	·69	·73	·75	·812
3	·76	·78	·83	·88	·91	·85	·87	·87	·88	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	·87	·86	·84	·83	·85	·81	·77	·72	·67	·62	·56	·61	·61	·69	·70	·777
5	·70	·74	·79	·79	·82	·82	·84	·86	·86	·87	·88	·88	·88	·91	·87	·80	·70	·65	·58	·55	·47	·62	·63	·72	·760
6	·68	·71	·77	·75	·80	·77	·78	·87	·84	·85	·86	·86	·87	·89	·89	·83	·75	·70	·63	·62	·63	·62	·66	·70	·764
7	·72	·74	·74	·75	·77	·78	·80	·79	·86	·89	·91	·89	·88	·89	·89	·82	·72	·66	·66	·65	·63	·65	·62	·65	·765
8	·69	·72	·73	·74	·76	·77	·78	·81	·81	·82	·83	·85	·87	·89	·87	·77	·71	·68	·64	·66	·66	·63	·68	·68	·752
9	·69	·74	·75	·76	·76	·79	·81	·82	·85	·86	·87	·87	·87	·88	·86	·78	·70	·68	·64	·62	·65	·62	·64	·65	·757
10	·67	·69	·72	·72	·75	·76	·77	·77	·83	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	·88	·92	·92	·92	·94	·91	·98	·95	·96	·91	·95	·93	·93	·94	·91	·860
12	·91	·92	·93	·92	·95	·95	·94	·94	·93	·92	·91	·91	·91	·93	·96	·96	·91	·89	·90	·86	·82	·77	·84	·88	·907
13	·90	·92	·94	·91	·93	·92	·91	·89	·83	·86	·88	·87	·87	·89	·91	·88	·91	·92	·82	·79	·79	·75	·75	·78	·868
14	·82	·87	·89	·91	·91	·91	·94	·95	·91	·92	·93	·93	·93	·92	·95	·96	·94	·97	·95	·94	·95	·94	·93	·95	·926
15	·94	·93	·95	·96	·95	·97	·96	·97	·97	·96	·95	·95	·96	·95	·95	·90	·87	·87	·90	·92	·82	·82	·82	·77	·917
16	·80	·84	·86	·86	·91	·91	·93	·94	·95	·95	·94	·94	·95	·97	·95	·96	·91	·88	·87	·80	·78	·77	·77	·77	·884
17	·80	·85	·86	·91	·94	·95	·98	·95	·96	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	·95	·94	·93	·93	·95	·93	·91	·84	·77	·80	·74	·75	·75	·75	·77	·871
19	·80	·82	·81	·85	·88	·84	·86	·91	·92	·93	·93	·92	·91	·91	·94	·90	·88	·80	·75	·80	·73	·77	·75	·77	·849
20	·79	·83	·82	·82	·90	·91	·93	·92	·94	·94	·93	·92	·91	·92	·94	·89	·88	·82	·75	·83	·75	·74	·76	·80	·860
21	·84	·84	·83	·84	·85	·96	·92	·91	·96	·95	·94	·93	·93	·95	·91	·89	·88	·85	·89	·84	·86	·97	·96	·86	·898
22	·85	·87	·83	·81	·81	·81	·82	·87	·89	·87	·85	·88	·91	·93	·95	·94	·89	·91	·84	·83	·82	·84	·83	·82	·861
23	·87	·88	·90	·94	·96	·95	·96	·96	·95	·94	·92	·93	·95	·95	·98	·96	·94	·94	·97	·93	·94	·94	·95	·94	·940
24	·96	·95	·98	·98	·98	·97	·98	·99	·98	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	·99	1·00	1·00	1·00	·98	·98	·98	·99	·98	·98	·98	·96	·98	·97	·97	·980
26	·94	·95	·94	·95	·94	·98	·98	·98	·98	·99	0·99	0·96	0·94	·91	·90	·88	·89	·89	·84	·86	·92	·86	·86	·84	·924
27	·85	·87	·92	·92	·92	·90	·89	·93	·91	·93	·94	·92	·91	·91	·91	·90	·81	·78	·78	·74	·72	·77	·77	·80	·862
28	·84	·88	·90	·91	·91	·89	·92	·95	·95	·95	·95	·94	·94	·95	·90	·85	·82	·69	·63	·57	·61	·64	·64	·68	·830
29	·73	·79	·84	·87	·90	·91	·93	·89	·90	·91	·91	·93	·95	·96	·90	·87	·83	·73	·65	·63	·63	·60	·62	·69	·815
30	·74	·81	·85	·83	·87	·83	·88	·86	·87	·89	·91	·90	·89	·88	·85	·82	·83	·82	·78	·74	·75	·74	·73	·70	·824
Means	0·790	·822	·842	·853	·875	·878	·890	·901	·907	·914	·917	·912	·913	·920	·912	·881	·838	·802	·771	·752	·745	·753	·762	·773	0·847

TENSION OF VAPOUR—OCTOBER 1857

	In.	In.	In.	In.	In.	In.	In.	In.	In.	*In.	In.	*In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·858	0·907	0·918	0·972	0·946	0·944	0·940	0·947	0·955	0·924	0·893	0·860	0·827	0·844	0·887	0·900	0·824	0·803	0·788	0·770	0·763	0·815	0·738	0·760	0·867
2	·792	·878	·885	·898	·924	·942	·938	·944	·695	·736	·776	·785	·795	·801	·809	·855	·898	·881	·887	·837	·874	·912	·950	·902	·858
3	·909	·890	·902	·918	·921	·841	·830	·820	·828	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	·840	·851	·818	·786	·803	·778	·803	·835	·842	·853	·811	·872	·856	·911	·888	·850
5	·861	·867	·891	·885	·894	·877	·870	·870	·858	·843	·828	·821	·815	·830	·825	·830	·826	·835	·803	·809	·735	·849	·878	·898	·846
6	·797	·835	·888	·857	·891	·862	·843	·886	·849	·850	·851	·852	·854	·865	·879	·905	·892	·889	·841	·861	·842	·839	·854	·884	·861
7	·881	·858	·843	·842	·856	·851	·859	·850	·850	·857	·864	·849	·834	·831	·858	·867	·855	·839	·854	·841	·822	·833	·802	·804	·846
8	·824	·829	·813	·811	·817	·822	·828	·848	·815	·804	·792	·801	·811	·816	·825	·849	·856	·847	·851	·859	·864	·821	·845	·845	·829
9	·848	·852	·851	·861	·850	·853	·855	·853	·836	·833	·830	·828	·827	·834	·824	·820	·811	·829	·831	·807	·833	·802	·840	·809	·834
10	·813	·789	·799	·794	·816	·818	·827	·823	·868	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	·881	·893	·853	·824	·845	·836	·855	·824	·827	·767	·793	·809	·827	·836	·814	·826
12	·803	·818	·817	·832	·820	·811	·804	·796	·788	·785	·782	·781	·780	·789	·811	·827	·830	·859	·878	·899	·870	·848	·874	·887	·825
13	·890	·825	·833	·836	·861	·846	·857	·823	·787	·798	·809	·803	·798	·830	·850	·883	·891	·895	·944	·921	·907	·876	·870	·890	·855
14	·903	·875	·859	·864	·864	·849	·873	·881	·810	·819	·827	·820	·814	·818	·825	·826	·818	·807	·809	·809	·814	·818	·794	·814	·834
15	·804	·793	·793	·816	·809	·824	·809	·798	·798	·796	·793	·796	·800	·793	·820	·838	·878	·811	·848	·907	·883	·900	·897	·844	·827
16	·853	·862	·851	·851	·864	·866	·870	·872	·868	·857	·845	·843	·841	·850	·838	·860	·864	·882	·909	·897	·866	·894	·854	·856	·863
17	·859	·880	·873	·891	·902	·897	·900	·872	·863	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	·851	·839	·826	·814	·838	·849	·891	·880	·878	·861	·867	·888	·878	·866	·866	·868
19	·889	·864	·831	·859	·872	·811	·804	·842	·844	·850	·856	·846	·836	·809	·849	·834	·882	·881	·871	·883	·876	·878	·845	·856	·853
20	·847	·868	·853	·841	·901	·895	·898	·874	·873	·865	·856	·847	·838	·826	·845	·855	·876	·888	·889	·928	·872	·867	·902	·893	·871
21	·870	·865	·839	·852	·850	·904	·798	·816	·841	·816	·790	·784	·778	·788	·783	·790	·806	·787	·852	·823	·855	·943	·962	·865	·836
22	·827	·847	·816	·790	·800	·795	·804	·825	·844	·832	·819	·800	·782	·798	·793	·790	·825	·836	·829	·815	·817	·831	·827	·797	·814
23	·814	·813	·807	·818	·829	·820	·822	·816	·806	·799	·792	·792	·793	·793	·802	·786	·768	·786	·798	·801	·809	·809	·812	·804	·804
24	·813	·798	·821	·825	·823	·811	·800	·804	·796	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	·834	·872	·865	·858	·852	·844	·872	·884	·848	·826	·839	·827	·847	·848	·844	·835
26	·834	·846	·839	·841	·831	·852	·839	·847	·844	·847	·850	·831	·812	·782	·779	·781	·833	·852	·829	·839	·893	·841	817	·801	·832
27	·811	·832	·839	·840	·836	·828	·803	·827	·810	·814	·817	·812	·807	·788	·790	·807	·812	·810	·834	·804	·820	·841	·833	·867	·820
28	·849	·873	·868	·870	·860	·827	·840	·841	·825	·823	·820	·810	·801	·798	·761	·758	·785	·716	·675	·627	·665	·698	·676	·696	·782
29	·729	·749	·763	·766	·780	·764	·765	·725	·732	·734	·736	·741	·746	·741	·686	·705	·747	·712	·682	·678	·676	·662	·658	·707	·724
30	·727	·754	·770	·756	·771	·742	·774	·759	·771	·773	·774	·761	·749	·728	·700	·715	·734	·731	·705	·680	·691	·689	·675	·653	·733
Means	0·835	·841	·841	·846	·853	·844	·840	·841	·825	·825	·825	·817	·808	·811	·813	·827	·836	·830	·827	·823	·825	·834	·834	·829	0·830

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR

HUMIDITY OF THE AIR—NOVEMBER 1857

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
Oct. 31	0·79	0·78	0·82	0·83	0·83	0·87	0·85	0·83	0·84	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1	—	—	—	—	—	—	—	—	—	0·88	0·91	0·88	0·85	0·76	0·84	0·86	0·79	0·74	0·66	0·66	0·63	0·64	0·65	0·66	0·785
2	·69	·76	·78	·77	·81	·84	·89	·94	·92	·92	·91	·92	·94	·95	·92	·89	·90	·87	·87	·78	·75	·76	·77	·80	·848
3	·84	·87	·87	·87	·87	·87	·87	·87	·88	·89	·89	·90	·91	·93	·94	·85	·86	·82	·81	·80	·85	·79	·82	·81	·862
4	·84	·88	·86	·87	·89	·90	·90	·90	·92	·94	·95	·93	·92	·94	·93	·85	·87	·81	·77	·77	·78	·82	·80	·83	·870
5	·84	·85	·91	·90	·91	·91	·94	·98	·98	·97	·95	·95	·95	·95	·91	·84	·83	·82	·77	·78	·78	·77	·78	·78	·877
6	·80	·85	·87	·88	·88	·88	·90	·93	·94	·93	·92	·94	·97	·95	·92	·85	·82	·73	·68	·70	·72	·74	·73	·73	·844
7	·75	·83	·85	·87	·88	·89	·89	·91	·91	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	—	·91	·91	·92	·94	·92	·84	·82	·68	·56	·58	·57	·57	·54	·55	·56	·777
9	·61	·63	·72	·73	·75	·75	·76	·79	·82	·84	·85	·86	·87	·86	·79	·70	·66	·64	·63	·64	·66	·64	·66	·66	·730
10	·68	·72	·71	·77	·81	·83	·83	·85	·89	·89	·89	·90	·92	·93	·92	·84	·76	·72	·66	·63	·63	·64	·64	·63	·779
11	·66	·69	·71	·70	·73	·71	·72	·72	·85	·84	·82	·86	·90	·85	·82	·74	·63	·63	·61	·62	·61	·59	·58	·62	·717
12	·61	·65	·67	·70	·72	·75	·75	·77	·80	·83	·85	·86	·87	·95	·87	·80	·73	·66	·65	·63	·62	·60	·58	·60	·730
13	·60	·64	·64	·66	·62	·69	·61	·64	·69	·71	·73	·73	·74	·80	·80	·79	·72	·64	·58	·57	·60	·61	·60	·59	·667
14	·62	·64	·68	·73	·72	·73	·75	·79	·77	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	·89	1.00	·99	·98	·98	·95	·93	·95	·95	·95	·91	·87	·85	·91	·92	·853
16	·93	·92	·95	·96	·96	·91	·91	·93	·97	·97	0·96	·96	·97	·97	·90	·87	·81	·80	·79	·79	·78	·78	·79	·78	·890
17	·79	·82	·79	·79	·79	·81	·81	·84	·83	·86	·89	·90	·91	·87	·85	·90	·83	·74	·73	·71	·72	·72	·71	·73	·806
18	·73	·75	·76	·75	·81	·83	·83	·83	·82	·87	·91	·90	·89	·89	·90	·81	·81	·79	·74	·72	·70	·69	·70	·70	·797
19	·70	·74	·75	·76	·75	·75	·74	·79	·91	·90	·89	·90	·91	·95	·94	·88	·88	·85	·82	·77	·71	·71	·73	·72	·810
20	·74	·77	·77	·77	·76	·78	·80	·81	·86	·86	·86	·91	·96	·90	·79	·79	·77	·74	·70	·66	·65	·64	·63	·69	·775
21	·73	·74	·76	·75	·74	·74	·74	·72	·72	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	·79	·86	·84	·82	·83	·80	·75	·65	·62	·64	·64	·64	·65	·70	·71	·733
23	·74	·77	·83	·84	·84	·87	·88	·89	·91	·93	·95	·91	·87	·88	·92	·91	·85	·81	·79	·72	·65	·67	·67	·66	·823
24	·73	·78	·83	·83	·83	·83	·83	·82	·85	·87	·88	·90	·93	·92	·89	·82	·79	·75	·72	·66	·64	·63	·63	·64	·792
25	·67	·72	·72	·74	·75	·79	·81	·83	·89	·90	·91	·91	·91	·93	·91	·83	·78	·73	·69	·66	·62	·61	·62	·65	·774
26	·64	·73	·79	·82	·82	·84	·90	·89	·89	·92	·94	·95	·96	·90	·88	·82	·75	·71	·68	·63	·64	·67	·69	·72	·799
27	·76	·81	·81	·82	·82	·87	·87	·88	·91	·93	·94	·94	·95	·95	·95	·90	·84	·90	·66	·69	·71	·71	·73	·70	·835
28	·74	·78	·82	·81	·81	·84	·87	·87	·84	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	—	·88	·91	·92	·93	·96	·94	·86	·84	·77	·72	·67	·65	·62	·61	·66	·805
30	·70	·77	·77	·77	·79	·73	·72	·72	·73	·80	·87	·89	·91	·92	·90	·82	·77	·63	·61	·55	·55	·56	·59	·63	·738
Means	0·728	·765	·786	·796	·803	·816	·822	·836	·859	·882	·898	·903	·911	·909	·885	·835	·791	·747	·712	·690	·682	·679	·687	·699	0·797

TENSION OF VAPOUR—NOVEMBER 1857

	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
Oct. 31	0·702	0·684	0·704	0·707	0·695	0·723	0·708	0·701	0·714	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1	—	—	—	—	—	—	—	—	—	0·739	0·764	0·753	0·743	0·699	0·768	0·747	0·721	0·753	0·710	0·731	0·722	0·747	0·756	0·744	0·726
2	·744	·764	·770	·751	·792	·833	·882	·928	·893	·875	·857	·861	·866	·852	·846	·859	·873	·827	·886	·883	·872	·870	·872	·873	·847
3	·872	·868	·862	·860	·860	·861	·866	·855	·856	·854	·852	·838	·824	·828	·836	·845	·876	·879	·871	·917	·927	·905	·915	·899	·868
4	·880	·876	·860	·856	·864	·870	·859	·868	·858	·856	·853	·832	·812	·803	·822	·819	·854	·849	·880	·908	·896	·918	·889	·898	·862
5	·870	·855	·886	·869	·870	·868	·886	·900	·900	·888	·875	·860	·846	·847	·841	·842	·845	·865	·850	·871	·881	·856	·851	·838	·865
6	·825	·827	·831	·831	·818	·801	·807	·812	·812	·799	·785	·791	·797	·785	·792	·811	·810	·760	·739	·769	·806	·824	·809	·782	·801
7	·789	·814	·819	·822	·814	·803	·798	·791	·782	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	—	·762	·741	·743	·746	·733	·692	·736	·669	·580	·587	·600	·604	·573	·576	·588	·715
9	·617	·599	·645	·645	·649	·643	·645	·668	·686	·700	·713	·718	·723	·698	·678	·663	·662	·655	·663	·680	·699	·680	·689	·669	·670
10	·673	·679	·658	·689	·691	·708	·697	·699	·701	·691	·680	·685	·690	·698	·705	·720	·719	·685	·674	·648	·655	·665	·652	·631	·683
11	·625	·628	·629	·625	·634	·613	·618	·614	·681	·662	·643	·661	·679	·630	·622	·624	·592	·606	·604	·622	·616	·609	·606	·622	·628
12	·603	·613	·604	·622	·626	·624	·619	·615	·637	·642	·646	·645	·645	·698	·668	·655	·638	·625	·641	·648	·646	·626	·606	·596	·633
13	·581	·587	·564	·573	·537	·580	·521	·548	·584	·610	·635	·616	·597	·595	·621	·639	·627	·631	·593	·601	·620	·639	·613	·596	·596
14	·605	·609	·622	·649	·638	·645	·649	·663	·651	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	·731	·811	·790	·769	·780	·771	·767	·771	·778	·783	·782	·800	·822	·822	·824	·730
16	·802	·792	·798	·824	·827	·782	·783	·786	·797	·791	·785	·790	·795	·811	·813	·855	·819	·811	·823	·828	·822	·820	·828	·788	·807
17	·773	·784	·756	·741	·741	·737	·734	·739	·738	·761	·784	·789	·794	·766	·742	·780	·779	·737	·736	·746	·751	·748	·747	·720	·755
18	·714	·716	·703	·697	·732	·756	·762	·751	·736	·748	·760	·732	·704	·704	·703	·668	·670	·690	·713	·721	·709	·693	·708	·695	·716
19	·677	·689	·671	·673	·668	·661	·649	·682	·766	·741	·716	·713	·710	·733	·740	·708	·697	·682	·711	·734	·703	·695	·694	·675	·700
20	·677	·684	·669	·666	·646	·661	·658	·662	·684	·669	·653	·671	·690	·641	·590	·596	·606	·624	·661	·638	·633	·623	·615	·642	·650
21	·661	·646	·651	·622	·603	·590	·568	·542	·534	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	·594	·653	·637	·621	·628	·604	·573	·543	·543	·598	·609	·631	·657	·682	·669	·611
23	·684	·684	·738	·741	·741	·757	·756	·752	·747	·750	·753	·716	·679	·674	·701	·739	·727	·744	·750	·726	·682	·700	·689	·670	·721
24	·697	·711	·726	·713	·708	·691	·688	·673	·684	·683	·682	·678	·674	·668	·662	·666	·677	·691	·679	·675	·660	·648	·629	·631	·679
25	·631	·642	·610	·617	·614	·630	·632	·641	·666	·657	·648	·644	·641	·641	·642	·649	·658	·658	·659	·648	·628	·623	·623	·633	·639
26	·609	·649	·668	·680	·664	·663	·670	·662	·651	·651	·651	·649	·647	·603	·615	·621	·622	·651	·668	·669	·689	·719	·736	·726	·660
27	·740	·746	·728	·732	·727	·748	·749	·735	·728	·715	·702	·703	·705	·698	·706	·710	·755	·872	·690	·744	·747	·763	·760	·725	·735
28	·733	·745	·753	·732	·721	·740	·753	·748	·740	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	—	·706	·671	·671	·672	·690	·691	·697	·745	·734	·704	·697	·688	·659	·639	·656	·708
30	·675	·691	·683	·666	·678	·627	·612	·598	·605	·620	·635	·632	·629	·632	·642	·647	·659	·603	·596	·551	·553	·560	·590	·620	·625
Means	0·710	·715	·716	·716	·714	·716	·714	·717	·724	·727	·729	·724	·719	·713	·712	·717	·716	·713	·710	·717	·717	·717	·715	·708	0·717

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR

HUMIDITY OF THE AIR—DECEMBER 1857

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·66	0·68	0·66	0·66	0·67	0·72	0·73	0·73	0·80	0·83*	0·85	0·85*	0·86	0·86	0·80	0·72	0·67	0·65	0·65	0·60	0·60	0·62	0·61	0·63	0·713
2	·66	·66	·69	·70	·71	·76	·78	·78	·82	·85	·88	·90	·93	·91	·89	·80	·63	·64	·61	·60	·60	·59	·60	·62	·734*
3	·65	·66	·71	·67	·67	·73	·72	·81	·85	·88	·90	·88	·86	·85	·84	·78	·74	·62	·58	·53	·51	·54	·55	·61	·714
4	·62	·62	·67	·64	·65	·67	·65	·67	·66	·72	·78	·74	·71	·72	·74	·56	·52	·55	·54	·56	·57	·56	·62	·66	·642
5	·63	·65	·66	·66	·66	·65	·66	·67	·72	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	·80	·87	·84	·82	·83	·77	·67	·59	·60	·59	·60	·54	·48	·48	·52	·665
7	·55	·64	·65	·73	·78	·83	·86	·84	·86	·86	·85	·85	·85	·88	·85	·70	·60	·60	·58	·56	·50	·57	·52	·55	·711
8	·54	·59	·63	·73	·74	·76	·77	·77	·78	·77	·76	·75	·74	·72	·68	·69	·71	·66	·62	·60	·60	·61	·69	·71	·693
9	·71	·73	·78	·77	·71	·76	·79	·81	·82	·83	·84	·85	·87	·87	·88	·77	·69	·62	·58	·55	·54	·56	·57	·62	·730
10	·63	·59	·60	·60	·60	·64	·67	·75	·78	·82	·86	·87	·88	·89	·91	·92	·93	·95	·95	·90	·93	·89	·88	·91	·806
11	·93	·95	·97	·93	·91	·91	91	·91	·89	·88	·87	·88	·90	·92	·95	·89	·89	·91	·88	·90	·82	·91	·90	·90	·905
12	·93	·96	·94	·97	·98	·96	1·00	·96	·96	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	·96	·96	·96	·96	·97	·96	·93	·88	·85	·77	·77	·76	·76	·78	·78	·905
14	·84	·86	·87	·91	·92	·92	0·92	·96	·95	·95	·95	·96	·98	·98	·98	·93	·92	·82	·76	·71	·72	·70	·71	·73	·873
15	·79	·82	·87	·87	·86	·90	·95	·95	·95	·96	·96	·96	·97	·97	·95	·93	·84	·82	·72	·68	·70	·71	·68	·66	·853
16	·69	·74	·78	·81	·85	·87	·93	·97	·94	·94	·94	·94	·95	·96	·94	·90	·84	·78	·73	·71	·65	·66	·66	·65	·826
17	·70	·78	·81	·78	·78	·78	·76	·76	·76	·78	·80	·87	·94	·95	·94	·89	·81	·78	·70	·57	·55	·55	·55	·57	·757
18	·61	·66	·72	·78	·77	·75	·84	·86	·88	·90	·91	·91	·91	·89	·89	·78	·74	·70	·71	·67	·67	·74	·87	·92	·795
19	·92	·83	·82	·80	·85	·81	·84	·84	·84	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	·89	·93	·93	·94	·92	·93	·91	·85	·83	·78	·74	·72	·70	·68	·70	·833
21	·70	·71	·72	·75	·76	·77	·78	·77	·80	·80	·80	·80	·80	·76	·73	·72	·63	·63	·63	·59	·63	·60	·65	·65	·716
22	·62	·68	·67	·65	·67	·66	·64	·65	·66	·65	·64	·64	·65	·65	·69	·60	·58	·61	·55	·54	·57	·60	·61	·58	·627
23	·59	·69	·68	·76	·76	·86	·87	·87	·85	·87	·88	·90	·92	·91	·88	·83	·75	·55	·53	·56	·56	·57	·64	·65	·747
24	·63	·66	·68	·70	·71	·70	·70	.67	·68	·69	·69	·70	·71	·78	·70	·70	·53	·55	·55	·57	·55	·56	·56	·58	·648
25	·62	·63	·64	·64	·60	·58	·58	·58	·58	·61	·63	·66	·69	·69	·64	·63	·59	·52	·50	·53	·52	·54	·55	·58	·597
26	·55	·62	·68	·75	·74	·75	·73	·78	·84	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	·84	·84	·83	·83	·88	·86	·82	·76	·68	·64	·66	·63	·59	·61	·62	·730
28	·66	·68	·70	·71	·73	·73	·74	·74	·76	·77	·77	·76	·76	·76	·78	·84	·72	·69	·69	·68	·66	·66	·66	·69	·722
29	·71	·69	·71	·72	·75	·74	·76	·76	·81	·81	·81	·85	·90	·91	·89	·85	·80	·75	·68	·66	·66	·66	·71	·69	·762
30	·71	·72	·73	·75	·77	·76	·76	·76	·77	·79	·80	·80	·81	·87	·87	·86	·82	·76	·76	·74	·74	·73	·73	·71	·772
31	·76	·77	·80	·79	·79	·80	·80	·82	·82	·82	·81	·87	·93	·92	·92	·89	·74	·71	·70	·65	·61	·63	·64	·65	·777
Means	0·689	·714	·735	·749	·755	·769	·783	·794	·809	·825	·836	·843	·854	·860	·847	·797	·732	·697	·666	·646	·634	·640	·656	·672	0·750

TENSION OF VAPOUR—DECEMBER 1857

	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.*	In.	In.*	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·628	0·621	0·600	0·587	0·592	0·611	0·617	0·616	0·638	0·642	0·646	0·640	0·635	0·634	0·619	0·614	0·616	0·631	0·631	0·587	0·602	0·599	0·597	0·615	·617
2	·618	·614	·605	·606	·607	·640	·635	·630	·642	·642	·641	·649	·658	·647	·646	·647	·571	·597	·594	·595	·599	·565	·585	·610	·618
3	·610	·603	·619	·576	·576	·606	·594	·619	·620	·622	·624	·628	·633	·609	·604	·610	·624	·570	·563	·519	·502	·526	·544	·597	·592
4	·582	·562	·579	·545	·553	·568	·558	·557	·544	·562	·579	·550	·521	·516	·540	·481	·466	·515	·522	·549	·570	·561	·604	·615	·550
5	·589	·603	·586	·577	·575	·568	·569	·576	·588	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	·614	·639	·620	·601	·599	·546	·527	·517	·532	·547	·572	·530	·468	·466	·479	·562
7	·501	·553	·540	·573	·589	·588	·595	·574	·571	·562	·552	·548	·545	·541	·527	·484	·482	·505	·510	·514	·485	·522	·500	·505	·536
8	·474	·493	·497	·538	·537	·548	·557	·569	·571	·564	·556	·548	·541	·530	·505	·504	·540	·550	·554	·539	·557	·536	·589	·605	·542
9	·601	·603	·619	·596	·554	·571	·570	·564	·562	·556	·550	·549	·548	·542	·557	·522	·530	·513	·505	·487	·499	·523	·509	·541	·549
10	·532	·493	·489	·488	·488	·508	·527	·553	·571	·592	·612	·619	·626	·632	·626	·639	·652	·665	·676	·691	·714	·719	·727	·752	·608
11	·760	·758	·768	·783	·783	·782	·782	·782	·776	·773	·770	·787	·805	·817	·838	·825	·839	·862	·836	·862	·856	·842	·829	·827	·806
12	·819	·827	·812	·820	·818	·813	·813	·774	·766	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	·776	·785	·779	·774	·763	·762	·765	·809	·825	·793	·787	·793	·789	·796	·778	·793
14	·810	·795	·780	·798	·798	·788	·785	·774	·748	·736	·723	·732	·742	·746	·730	·747	·805	·783	·766	·728	·727	·726	·741	·729	·760
15	·767	·749	·751	·746	·736	·751	·761	·753	·703	·697	·690	·695	·701	·695	·687	·736	·732	·757	·709	·680	·704	·719	·686	·642	·719
16	·648	·651	·662	·667	·673	·654	·658	·658	·652	·643	·634	·631	·628	·627	·629	·682	·696	·695	·693	·680	·632	·654	·640	·624	·655
17	·649	·667	·666	·638	·637	·626	·609	·605	·595	·595	·595	·619	·643	·635	·644	·670	·668	·689	·657	·576	·556	·548	·546	·561	·621
18	·565	·587	·601	·620	·602	·586	·613	·612	·613	·629	·644	·646	·648	·661	·666	·660	·655	·657	·677	·659	·667	·668	·718	·750	·642
19	·749	·676	·685	·686	·713	·662	·670	·663	·658	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	·688	·718	·716	·715	·700	·704	·706	·731	·760	·751	·725	·705	·682	·665	·666	·700
21	·653	·636	·634	·648	·647	·657	·658	·650	·658	·654	·650	·652	·654	·624	·601	·611	·561	·598	·597	·567	·619	·595	·625	·616	·628
22	·569	·593	·564	·550	·552	·543	·522	·536	·535	·534	·532	·537	·543	·533	·547	·494	·518	·548	·518	·522	·557	·572	·587	·544	·544
23	·540	·592	·572	·594	·588	·636	·637	·645	·634	·626	·618	·623	·629	·616	·611	·624	·622	·501	·497	·530	·546	·541	·611	·600	·593
24	·573	·574	·587	·587	·588	·581	·571	·548	·544	·549	·553	·558	·563	·594	·541	·557	·474	·505	·521	·556	·539	·528	·539	·540	·553
25	·552	·545	·545	·539	·511	·498	·491	·492	·493	·507	·520	·539	·558	·548	·510	·523	·516	·475	·476	·508	·517	·529	·518	·525	·518
26	·505	·538	·561	·579	·564	·573	·558	·575	·590	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	·576	·562	·559	·557	·575	·572	·581	·608	·618	·608	·613	·586	·549	·554	·561	·572
28	·569	·579	·590	·592	·600	·604	·615	·611	·616	·625	·634	·630	·627	·622	·613	·625	·619	·637	·636	·630	·623	·637	·631	·624	·616
29	·632	·598	·598	·598	·613	·607	·613	·615	·622	·616	·609	·616	·623	·626	·610	·629	·652	·666	·643	·639	·661	·635	·668	·627	·626
30	·640	·637	·647	·650	·655	·653	·648	·648	·672	·672	·671	·666	·662	·695	·686	·693	·699	·705	·722	·727	·728	·724	·712	·690	·679
31	·698	·686	·685	·681	·678	·680	·673	·686	·686	·682	·678	·693	·708	·685	·678	·685	·664	·663	·658	·615	·597	·606	·597	·598	·665
Means	0·623	·623	·624	·625	·623	·626	·626	·625	·625	·627	·629	·631	·633	·630	·622	·624	·625	·630	·624	·617	·617	·613	·622	·623	0·625

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

DIRECTION AND FORCE OF THE WIND

DIRECTION OF THE WIND—JANUARY 1857

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction
Madras Mean Time	h.m. 4.41	h.m. 5.41	h.m. 6.41	h.m. 7.41	h.m. 8.41	h.m. 9.41	h.m. 10.41	h.m. 11.41	h.m. 12.41	h.m. 13.41	h.m. 14.41	h.m. 15.41	h.m. 16.41	h.m. 17.41	h.m. 18.41	h.m. 19.41	h.m. 20.41	h.m. 21.41	h.m. 22.41	h.m. 23.41	h.m. 0.41	h.m. 1.41	h.m. 2.41	h.m. 3.41		
	parts	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	o	
1	4	4	4	4	4	3	3	3	3	4	3	3	1	0	3	4	4	4	4	4	4	3	3	3	37	NE by N
2	3	3	3	3	3	3	3	3	3	1	1	1	29	30	30	0	30	5	5	5	5	5	4	4	25	N N E
3	4	4	4	4	6	6	6	6	6	6	6	6	3	3	3	2	2	6	7	7	7	6	6	6	57	NE by E
4	5	4	6	5	5	5	5	5	5	5	5	5	5	30	30	30	0	4	5	5	7	6	5	4	45	N E
5	7	7	7	7	6	5	5	5	5	5	5	5	5	5	0	31	5	5	7	7	6	6	5	5	58	NE by E
6	5	5	5	6	6	6	6	6	6	6	7	7	7	7	7	31	7	8	6	8	7	7	6	6	68	E N E
7	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	29	5	5	5	5	4	4	4	4	44	N E
8	4	4	3	2	2	2	2	2	1	4	4	4	30	30	30	0	0	4	4	4	4	3	3	3	25	N N E
9	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	31	4	5	5	4	4	5	4	44	N E
10	4	4	4	4	4	4	4	4	4	4	4	4	4	5	6	6	5	5	5	5	5	5	5	5	51	NE by E
11	5	5	5	5	5	6	7	7	7	7	7	7	7	7	7	7	7	7	8	7	7	7	7	7	74	E by N
12	5	4	4	4	4	4	4	3	3	3	3	0	0	0	3	4	4	4	4	4	5	5	4	5	39	NE by N
13	5	5	4	3	3	3	3	3	3	3	4	4	4	4	4	4	5	5	5	5	5	5	5	4	46	N E
14	6	5	5	5	6	8	8	8	8	8	8	8	3	2	1	1	3	4	5	6	5	5	6	6	61	NE by E
15	1	1	1	0	13	2	2	2	3	3	1	3	2	29	29	29	3	29	29	30	1	3	4	3	8	N by E
16	5	5	6	6	6	5	5	5	5	3	3	31	0	0	0	1	1	3	5	5	5	5	5	5	41	N E
17	6	6	5	5	5	5	5	5	30	30	30	31	31	31	30	31	0	3	5	5	5	6	6	5	30	NE by N
18	2	2	2	2	2	3	2	2	2	2	2	2	2	27	28	27	28	28	2	3	3	2	2	1	8	N by E
19	4	4	4	4	4	4	4	4	4	4	4	4	4	29	29	29	0	3	5	4	4	5	4	4	34	NE by N
20	4	4	4	5	5	4	4	4	4	4	4	4	26	26	30	31	0	2	4	5	5	4	4	4	30	NE by N
21	4	4	4	5	5	5	5	5	5	5	4	4	4	4	3	29	30	6	6	7	5	5	4	4	46	N E
22	3	3	2	2	2	2	2	3	3	3	30	28	28	28	28	29	29	3	5	4	4	4	4	4	14	N by E
23	4	3	3	3	3	3	3	3	3	1	30	30	29	29	29	29	30	2	5	4	5	4	4	3	18	N N E
24	3	3	3	3	3	3	4	0	0	29	30	30	30	30	30	30	30	30	3	4	5	5	5	4	14	N by E
25	4	3	4	4	4	4	4	4	1	27	27	27	27	30	29	29	30	2	4	4	3	3	3	3	11	N by E
26	4	4	4	4	4	4	4	4	4	4	4	4	4	0	0	30	0	1	4	3	2	4	5	4	34	NE by N
27	4	4	3	3	4	5	5	5	5	4	4	4	4	4	2	2	2	5	5	5	5	4	4	3	45	N E
28	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	5	5	5	4	4	4	39	NE by N
29	10	10	10	11	11	11	11	11	11	11	11	12	12	12	12	12	12	13	15	15	16	16	16	16	139	S E
30	7	5	5	5	5	5	5	5	5	5	6	6	6	6	26	27	17	9	8	8	6	7	5	6	61	NE by E
31	11	10	9	9	9	9	9	9	9	9	9	9	9	9	9	3	3	14	11	11	10	11	12	12	105	E by S
Hourly Means	o 52 NEbE	o 49 NE	o 49 NE	o 49 NE	o 49 NE	o 51 NEbE	o 51 NEbE	o 50 NE	o 46 NE	o 42 NE	o 39 NEbN	o 37 NEbN	o 26 NNE	o 16 NbE	o 12 NbE	o 4 N	o 26 NNE	o 48 NE	o 60 NEbE	o 61 NEbE	o 60 NEbE	o 59 NEbE	o 58 NEbE	o 55 NEbE	o 44	N E
No. of Observations with the wind in each quarter N W	0	0	0	0	1	0	0	0	1	3	5	6	8	12	13	16	8	3	1	1	0	0	0	0	78	Obs. N W
S W	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	1	5	,, S W
S E	2	2	2	2	2	3	3	3	3	3	3	3	2	2	2	1	1	4	4	4	1	1	1	1	55	,, S E
N E	29	29	29	29	28	28	28	28	27	25	23	22	21	17	16	14	21	24	26	26	29	29	29	29	606	,, N E

FORCE OF THE WIND—JANUARY 1857

	lb.	lb	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	
1	0·25	0·15	0·08	0·06	0·03	0·05	0·02	0·01	0·05	0·08	0·02	0·00	0·00	0·00	0·00	0·03	0·20	0·28	0·25	0·35	0·70	0·85	0·45	0·35	0·18	
2	·17	·12	·05	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·04	·12	·15	·10	·10	·08	·06	·04	
3	·02	·03	·04	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·08	·12	·15	·12	·15	·08	·03	
4	·03	·02	·00	·00	·00	·00	.00	·00	·00	00	·00	·00	·00	·00	·00	·00	·02	·05	·08	·15	·22	·18	·15	·08	·04	
5	·05	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·10	·12	·15	·25	·22	·28	·15	·06	
6	·10	·10	·08	·05	·04	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·10	·07	·08	·10	·22	·18	·08	·05	
7	·07	·08	·05	00	·00	·01	·03	·00	·00	·00	·00	.00	·00	·00	·00	·00	·03	·05	·07	·08	·08	·06	·12	·10	·03	
8	·05	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	.00	·00	·00	·00	·00	·02	·15	·20	·22	·05	·00	·00	·00	·03	
9	·15	·12	·10	·08	·06	·05	·04	·02	·03	·01	·01	.00	·00	·00	·00	·00	·00	·08	·15	·10	·15	·30	·25	·17	·08	
10	·12	·10	·05	·03	·05	·08	·01	·00	·00	·00	·01	.00	·03	.05	·08	·15	·22	·18	·25	·75	·90	1·25	.85	·50	·24	
11	·35	·25	·08	·15	·10	·08	·06	·05	·04	·03	·05	.04	·02	·01	·02	·04	·15	·20	·22	·25	·35	0.28	·20	·15	·13	
12	·15	·18	·10	·08	·03	·03	·02	·00	·00	·00	·00	.00	·00	·00	·00	·00	·05	·12	·15	·18	·15	·17	·15	·18	·07	
13	·20	·10	·08	·05	·02	·00	·00	·00	·00	·00	·01	.00	·00	·00	·02	·01	·08	·15	·17	·19	·16	·22	·25	·15	·08	
14	·10	·15	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·04	·02	·08	·05	·12	·28	·15	·35	·28	·20	·13	·08	
15	·15	·18	·10	·02	·00	·01	·02	·04	·05	·03	·00	·02	·00	·02	·00	·05	·00	·06	·07	·10	·06	·25	·20	·28	·07	
16	·38	·12	·10	·05	·04	·06	·05	·01	·00	·00	·00	·05	·08	·09	·08	·12	·13	·15	·10	·30	·35	·20	·22	·15	·12	
17	·15	·08	·00	·00	·00	·00	·00	·00	·00	·00	·00	00	·00	·00	·00	·00	·04	·03	·08	·09	·10	·12	·11	·13	·04	
18	·12	·15	·03	·02	·04	·03	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·03	·04	·06	·10	·10	·03	
19	·08	·06	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·03	·03	·08	·10	·15	·16	·08	·10	·04	
20	·08	·09	·00	·00	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·08	·10	·13	·00	·18	·25	·36	·28	·07	
21	·15	·10	·08	·03	·02	·05	·07	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·04	·15	·17	·12	·10	·22	·32	·07	
22	·12	·08	·03	·02	·00	·00	·00	.00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·03	·08	·10	·12	·15	·22	·25	·05	
23	·20	·22	·08	·04	·00	·00	·00	.00	·00	·00	·00	·00	·00	·00	·00	·08	·15	·20	·10	·17	·05	·18	·25	·23	·08	
24	·20	·15	·08	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·04	·07	·08	·12	·13	·15	·15	·18	·22	·07	
25	·10	·13	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·00	·12	·10	·08	·07	·00	·06	·12	·00	·00	·04	
26	·17	·14	·10	·04	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·04	·12	·10	·02	·30	·32	·27	·07	
27	·15	·22	·10	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·04	·03	·05	·08	·10	·14	·18	·05	
28	·18	·16	·12	·04	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·08	·14	·15	·13	·12	·10	·06	
29	·05	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·06	·08	·05	·07	·08	·02	
30	·03	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·07	·05	·08	·07	·02	
31	·05	·04	·00	·00	·00	·00	·00	·00	·00	.00	.00	·00	.00	·00	·00	·00	·00	·00	·00	·03	·05	·06	·05	·05	·02	
Means	0·13	·11	·05	·03	·01	·02	·01	·00	·01	·00	·00	·00	·00	·01	·01	·03	·05	·08	·11	·15	·18	·22	·19	·16	0·07	

The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome the inertia of the instrument.

DIRECTION AND FORCE OF THE WIND

DIRECTION OF THE WIND—FEBRUARY 1857

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction
Madras Mean Time	h.m. 4.41	h.m. 5.41	h.m. 6.41	h.m. 7.41	h.m. 8.41	h.m. 9.41	h.m. 10.41	h.m. 11.41	h.m. 12.41	h.m. 13.41	h.m. 14.41	h.m. 15.41	h.m. 16.41	h.m. 17.41	h.m. 18.41	h.m. 19.41	h.m. 20.41	h.m. 21.41	h.m. 22.41	h.m. 23.41	h.m. 0.41	h.m. 1.41	h.m. 2.41	h.m. 3.41		
	parts	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	o	
1	10	9	7	7	7	7	7	7	7	5	5	5	5	21	21	21	21	19	9	9	9	9	11	9	116	E S E
2	8	8	8	10	10	10	10	10	11	11	24	24	24	24	24	24	20	13	17	14	12	12	12	12	165	s by E
3	12	B. S.		13	13	13	13	13	13	25	25	25	25	26	26	26	26	15	13	13	12	12	12	12	196	s by w
4	10	12	12	12	12	12	12	12	12	16	24	24	24	24	24	23	23	17	14	12	12	9	9	10	174	s by E
5	12	12	26	26	27	27	27	27	27	27	27	27	27	27	27	27	28	29	8	7	8	10	5	6	355	N
6	3	3	4	3	3	5	4	4	4	4	4	4	4	25	23	23	23	6	7	6	8	6	6	6	28	N N E
7	B. Stopped			5	5	5	6	6	6	0	0	25	26	26	24	24	24	11	12	11	7	7	8	9	29	N E by N
8	7	8	8	8	8	8	8	8	3	3	27	27	27	27	27	26	25	14	10	9	8	8	8	10	48	N E
9	6	6	6	6	6	6	4	4	3	2	2	25	25	23	23	23	24	3	3	5	3	3	2	2	11	N by E
10	3	3	3	4	4	4	4	4	4	4	4	31	29	29	29	29	30	4	4	4	3	4	4	4	25	N N E
11	4	4	5	5	5	5	5	5	5	5	5	3	13	13	13	21	21	14	14	8	8	6	6	5	93	E
12	6	6	6	6	6	7	7	7	7	7	7	22	22	22	22	22	22	16	13	12	12	12	12	12	137	S E
13	12	12	12	13	13	13	13	13	28	28	28	28	28	28	28	22	20	19	20	13	13	13	13	13	208	S S W
14	13	13	13	13	13	13	13	13	17	24	24	24	24	24	24	21	21	18	19	14	13	13	13	13	192	s by w
15	11	11	12	12	12	11	11	12	12	22	22	21	21	21	21	20	19	16	13	12	12	12	B S		172	s by E
16	9	9	9	9	9	9	6	6	6	6	6	14	23	21	23	23	22	14	7	9	9	6	5	5	124	S E by E
17	5	5	5	5	5	5	5	6	6	6	6	6	6	1	28	28	1	4	5	5	6	5	5	5	47	N E
18	5	4	5	4	4	5	5	28	28	28	28	28	28	28	28	Board Stopped				—	7	5	5	4	12	N by E
19	4	4	4	4	4	4	4	4	4	29	29	29	29	29	29	27	27	3	6	6	5	5	5	5	20	N N E
20	4	4	2	2	3	3	3	3	3	4	4	4	4	4	24	25	23	21	22	27	27	26	25	25	347	N by w
21	12	12	12	12	12	12	12	12	12	12	23	23	23	23	22	22	23	21	21	21	16	13	14	14	187	s by w
22	13	12	12	12	12	12	11	11	29	29	29	19	24	23	24	23	21	16	15	12	12	B Stopped			199	S S W
23	10	11	10	10	10	10	10	10	12	21	21	21	21	21	21	19	20	17	15	10	9	9	8	10	158	S S E
24	10	11	10	10	11	11	11	11	22	23	23	22	23	23	21	21	22	21	21	16	13	12	12	12	184	S
25		Board Stopped					—	—	—	—	—	—	—	—	—	—	20	19	22	22	10	5	4	4	?	—
26	12	12	11	11	11	11	13	20	20	20	22	21	19	17	20	20	16	18	16	14	12	12	12	12	174	s by E
27	12	13	13	13	13	13	13	13	13	22	23	24	24	24	24	24	17	17	13	11	12	12	12	12	181	S
28	11	12	12	12	12	12	12	12	12	24	24	25	25	25	25	22	23	20	12	11	10	10	7	6	176	S
Hourly Means	o 97 EBS	o 97 EBS	o 89 E	o 90 E	o 91 E	o 92 E	o 90 E	o 90 E	o 82 EBN	o 342 NNW	o 328 NWbN	o 296 WNW	o 292 WNW	o 276 WbN	o 267 W	o 262 WbS	o 256 WbS	o 235 SWbW	o 146 SEbS	o 117 ESE	o 103 EbS	o 93 E	o 88 E	o 89 E	o 125	S E by E
No. of Observations with the wind in each quarter: N W	0	0	1	1	1	1	1	2	4	8	11	14	15	14	16	10	7	1	0	1	1	1	1	1	112	Obs. N W
S W	0	0	0	0	0	0	0	1	3	6	6	7	7	10	10	16	19	15	8	3	1	0	0	0	112	„ S W
S E	16	16	14	15	15	15	14	13	8	2	0	1	1	1	1	0	0	6	13	17	20	16	14	14	232	„ S E
N E	10	9	10	11	11	11	12	11	12	11	10	5	4	2	0	0	1	5	6	6	6	10	11	11	185	„ N E

FORCE OF THE WIND—FEBRUARY 1857

	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.
1	0·03	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·03	0·02	0·04	0·03	0·06	0·05	0·01
2	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·02	·02	·03	·03	·03	·01
3	·00	B	S		·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·02	·04	·06	·03	·02	·01
4	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·04	·04	·00	·00	·00	·00
5	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·01	·03	·03	·02	·03	·01
6	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·02	·03	·05	·04	·03	·02	·01
7	B	S	—	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·02	·01	·01	·03	·01	·00
8	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·04	·03	·03	·01	·02	·01
9	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·01	·02	·02	·02	·00
10	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·04	·05	·03	·02	·02	·01
11	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·01	·01	·03	·01	·04	·02	·01
12	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·02	·02	·03	·07	·05	·06	·01
13	·07	·06	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·03	·04	·10	·09	·12	·10	·03
14	·11	·10	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·08	·14	·10	·18	·20	·24	·13	·06
15	·15	·12	·06	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·04	·05	·04	·12	·20	·15	B	S	·04
16	·13	·07	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·02	·00	·02	·06	·05	·07	·02	·02
17	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·04	·06	·06	·05	·07	·04	·01
18	·10	·13	·04	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	Board Stopped				—	·13	·10	·11	·12	·04
19	·05	·06	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·03	·02	·02	·05	·06	·01
20	·08	·04	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·02	·04	·02	·00	·01	·02	·02	·01
21	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·05	·06	·00	·03	·02	·00	·01
22	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·05	·04	·05	·06	B	S	—	·01
23	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·02	·01	·00	·03	·02	·03	·02	·01
24	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·07	·17	·13	·05	·00	·00	·00	·00	·02
25	Board Stopped				—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·04	·00	·02	·03	·15	·25	·13	·10	·12	·13	·15	·10	·05
27	·13	·12	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·08	·03	·04	·03	·04	·03	·05	·02
28	·08	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·06	·07	·02	·03	·03	·03	·00	·00	·02
Means	0·04	·03	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·04	·04	·04	·05	·05	·05	·04	·02

The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome the inertia of the instrument.

DIRECTION AND FORCE OF THE WIND

DIRECTION OF THE WIND—MARCH 1857

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction
Madras Mean Time	h.m. 4.41	h.m. 5.41	h.m. 6.41	h.m. 7.41	h.m. 8.41	h.m. 9.41	h.m. 10.41	h.m. 11.41	h.m. 12.41	h.m. 13.41	h.m. 14.41	h.m. 15.41	h.m. 16.41	h.m. 17.41	h.m. 18.41	h.m. 19.41	h.m. 20.41	h.m. 21.41	h.m. 22.41	h.m. 23.41	h.m. 0.41	h.m. 1.41	h.m. 2.41	h.m. 3.41		
	parts	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	o	
1	7	8	7	7	7	7	7	7	7	20	20	20	20	21	19	21	21	16	11	5	8	8	8	7	135	SE
2	9	7	8	9	9	9	9	9	4	26	26	26	27	27	23	23	21	20	20	11	12	12	11	11	173	S by E
3	9	10	9	10	10	10	10	10	10	10	22	22	23	23	22	22	20	12	11	11	11	11	11	11	155	SSE
4	10	11	11	11	12	12	12	12	12	12	12	22	22	22	22	20	18	13	12	12	12	12	12	12	158	SSE
5	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	25	21	12	10	8	8	11	10	12	139	SE
6	12	12	12	12	12	12	12	12	12	12	24	24	24	24	24	21	15	14	14	12	12	B. stopped			176	S
7	12	12	12	12	12	12	13	13	13	13	13	23	23	23	23	20	18	17	15	13	12	11	11	11	168	S by E
8	12	12	12	12	12	12	12	12	12	12	12	12	12	12	13	13	13	12	12	12	11	11	11	11	135	SE
9	10	10	10	10	10	10	11	11	11	11	11	11	11	22	22	15	12	10	11	10	12	12	12	12	135	SE
10	11	11	11	11	11	12	12	12	12	21	21	21	20	20	20	17	18	19	12	12	12	12	12	12	165	S by E
11	12	10	11	11	11	12	12	12	12	12	12	12	12	12	12	12	16	12	11	10	10	11	10	12	131	SE
12	11	10	10	9	10	10	10	10	11	11	11	11	11	11	11	11	11	11	8	9	9	9	9	9	113	ESE
13	8	8	7	8	8	8	8	8	8	9	9	21	21	21	21	25	0	7	6	7	7	6	6	6	114	ESE
14	7	7	7	7	6	6	6	6	6	6	6	6	6	6	24	23	23	14	10	9	9	9	8	8	105	E by S
15	8	6	7	7	7	7	7	7	7	7	7	7	26	28	28	29	0	3	Under repair							
16																										
17	Instrument under repair																									
18	10	10	10	10	10	12	12	12	12	12	12	12	12	28	30	30	28	20	22	19	19	17	16	16	183	S
19	13	13	13	13	13	13	24	25	27	26	26	26	28	28	28	28	28	28	28	24	15	16	16	15	241	S W by W
20	18	18	18	18	18	18	18	18	18	31	28	28	28	26	28	27	27	28	28	26	20	20	20	20	256	W by S
21	20	20	20	20	20	21	21	21	28	27	27	25	24	24	25	23	23	21	20	20	19	19	19	18	246	W S W
22	18	18	17	17	17	17	17	18	18	18	18	18	18	18	28	28	28	28	30	6	4	4	5	7	271	W
23	13	13	13	13	13	13	13	13	13	13	13	9	5	4	2	4	11	17	17	14	16	16	16	16	136	SE
24	14	14	14	15	15	15	15	15	15	15	15	4	6	4	5	8	6	18	17	17	17	17	17	19	149	S E by S
25	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	14	15	15	15	16	15	15	185	S
26	16	17	17	17	17	19	20	20	20	20	20	20	20	14	8	6	21	16	15	16	16	16	16	16	189	S by W
27	17	18	18	18	18	18	18	18	18	18	18	18	18	18	28	28	26	25	19	19	19	20	20	20	223	S W
28	20	20	20	20	20	20	21	21	21	21	21	28	28	25	26	27	25	26	24	22	20	21	20	19	251	W S W
29	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	22	21	20	19	19	19	19	19	19	224	S W
30	20	20	20	20	20	19	19	19	19	19	19	19	19	30	28	26	14	20	20	20	20	19	18	19	228	S W
31	20	20	20	20	20	20	18	18	18	18	18	18	18	18	18	27	23	24	22	20	19	19	20	20	223	S W
Hourly Means	o 150 SEbS	o 149 SEbS	o 149 SEbS	o 150 SEbS	o 150 SEbS	o 152 SSE	o 158 SSE	o 158 SSE	o 160 SSE	o 182 S	o 190 SbW	o 199 SSW	o 206 SSW	o 216 SWbS	o 252 WSW	o 256 WbS	o 204 SSW	o 193 SbW	o 184 S	o 160 SSE	o 154 SSE	o 156 SSE	o 153 SSE	o 155 SSE	o 179	South
No. of Observations with the wind in each quarter NW	0	0	0	0	0	0	1	1	2	4	5	6	7	9	11	11	6	6	4	2	0	0	0	0	75	Obs. NW
SW	10	10	10	10	10	10	10	10	9	10	11	13	13	12	11	11	14	11	9	9	11	13	12	11	260	,, SW
SE	17	16	15	16	16	16	15	15	14	13	11	7	6	5	5	5	6	10	14	14	15	12	13	13	289	,, SE
NE	2	3	4	3	3	3	3	3	4	2	2	3	3	3	2	2	3	2	1	3	2	2	2	3	63	,, NE

FORCE OF THE WIND—MARCH 1857

	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	
1	0·01	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·02	0·04	0·01	0·02	0·02	0·03	0·07	0·06	0·01	
2	·08	·07	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·07	·04	·02	·03	·04	·06	·05	·04	·02	
3	·02	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·01	·06	·10	·15	·16	·13	·10	·03	
4	·10	·12	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·04	·07	·10	·20	·17	·18	·15	·05	
5	·03	·06	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·08	·07	·04	·01	
6	·04	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·12	·20	·18	·22	B. stopped			·03	
7	·10	·05	·00	·00	·00	·05	·06	·01	·01	·00	·00	·00	·00	·00	·00	·03	·05	·15	·13	·17	·30	·75	·54	·42	·12	
8	·18	·22	·15	·08	·10	·05	·02	·01	·00	·00	·00	·00	·00	·00	·00	·01	·02	·10	·20	·28	·30	·20	·28	·17	·10	
9	·35	·35	·24	·15	·24	·30	·32	·00	·00	·00	·00	·00	·00	·00	·00	·06	·10	·11	·15	·16	·18	·24	·25	·15	·14	
10	·20	·15	·14	·08	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·50	·75	·80	·50	·75	·90	1·15	·90	·70	·31	
11	·30	·15	·10	·10	·05	·04	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·04	·08	·10	·15	·20	0·32	·30	·24	·09	
12	·25	·10	·04	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·06	·03	·04	·06	·05	·08	·04	·03	
13	·06	·05	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·01	·02	·03	·04	·05	·08	·02	
14	·08	·10	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·06	·00	·03	·05	·06	·07	·07	·05	·03	
15	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00								
16																										
17	Instrument under repair																									
18	·03	·08	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·07	·04	·02	·00	·00	·00	·00	·00	·01	
19	·00	·01	·00	·00	·00	·00	·00	·00	·02	·15	·12	·10	·06	·00	·00	·00	·00	·00	·00	·00	·01	·05	·12	·02	·03	
20	·10	·07	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·25	·35	·38	·17	·15	·32	·30	·30	·10	
21	·15	·08	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·15	·18	·28	·30	·28	·35	·37	·09		
22	·12	·13	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·06	·07	·05	·00	·03	·03	·07	·00	·02	
23	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·00	·06	·07	·10	·15	·02	
24	·08	·07	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·07	·05	·12	·15	·10	·13	·03	
25	·05	·04	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·10	·12	·16	·20	·19	·04	
26	·13	·08	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·08	·10	·06	·13	·15	·12	·04	
27	·08	·07	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·03	·02	·02	·12	·18	·22	·25	·24	·05	
28	·25	·08	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·00	·01	·12	·25	·28	·30	·32	·27	·25	·15	·08	·10	
29	·13	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·15	·17	·22	·20	·17	·15	·25	·28	·07	
30	·20	·15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·25	·32	·40	·35	·25	·17	·12	·09	
31	·10	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·08	·18	·15	·14	·20	·25	·35	·28	·07	
Means	0·12	·08	·02	·01	·01	·02	·01	—	—	·01	—	—	—	—	—	·03	·07	·11	·12	·14	·17	·20	·20	·16	0·06	

The force is given in pounds and decimals of a pound on one square foot.
The entry ·00 denotes calms or pressures too small to overcome the inertia of the instrument.

DIRECTION AND FORCE OF THE WIND

DIRECTION OF THE WIND—APRIL 1857

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction
Madras Mean Time	h.m. 4.41	h.m. 5.41	h.m. 6.41	h.m. 7.41	h.m. 8.41	h m. 9.41	h.m. 10.41	h.m. 11.41	h.m. 12.41	h.m. 13.41	h.m. 14.41	h.m. 15.41	h.m. 16.41	h.m. 17.41	h.m. 18.41	h.m. 19.41	h.m. 20.41	h.m. 21.41	h.m. 22.41	h.m. 23.41	h.m. 0.41	h.m. 1.41	h.m. 2.41	h.m. 3.41		
	parts	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	o	
1	21	21	21	22	22	22	22	22	22	22	22	22	22	22	28	26	24	23	20	19	19	20	20	20	246	w s w
2	20	20	20	20	20	20	20	20	20	20	20	20	20	20	31	0	29	28	5	20	19	20	20	20	221	s w
3	20	20	20	19	19	19	19	19	19	19	19	19	19	19	19	19	4	5	6	16	14	13	12	13	183	s
4	15	16	16	16	20	20	22	22	22	28	25	24	24	24	28	28	27	24	11	11	10	9	10	9	216	s w by s
5	17	15	16	16	16	16	20	20	20	20	20	20	20	20	20	23	22	19	19	19	18	17	17	16	209	s w by s
6	18	18	18	18	19	20	18	18	18	18	18	18	18	18	28	30	29	23	19	19	19	19	19	19	225	s w
7	16	17	18	18	18	19	19	19	19	19	19	20	20	20	20	20	21	20	3	10	16	18	22	21	202	s s w
8	21	18	18	17	18	18	18	18	18	18	18	18	18	18	24	31	28	28	28	28	25	22	22	21	240	s w by w
9	22	21	21	21	20	20	20	21	21	22	21	21	21	21	21	25	26	26	24	21	21	20	20	20	242	w s w
10	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	23	22	21	20	18	18	18	17	17	208	s s w
11	19	19	18	18	18	18	18	18	18	18	18	18	18	18	18	23	26	24	20	20	20	20	20	20	218	s w by s
12	19	18	18	18	17	17	18	19	19	19	19	19	19	19	23	26	24	24	21	20	20	20	20	20	223	s w
13	21	21	21	21	21	21	21	21	21	21	21	21	22	21	21	27	27	27	27	26	22	22	22	22	252	w s w
14	20	20	20	20	20	20	21	21	21	21	22	24	24	25	25	24	26	26	25	23	20	20	20	20	247	w s w
15	20	20	20	20	20	20	20	21	21	21	22	22	22	22	23	24	24	24	27	26	20	20	20	20	243	w s w
16	21	21	21	21	21	21	21	22	23	23	24	23	23	23	23	24	23	24	26	26	12	12	12	12	235	s w by w
17	20	20	20	20	20	20	20	20	22	22	23	23	23	23	23	23	25	23	22	20	20	20	20	19	240	s w by w
18	20	20	21	21	21	21	21	21	21	23	23	23	23	24	24	23	24	20	20	20	20	20	20	20	241	s w by w
19	20	20	20	20	20	20	20	20	21	23	24	23	23	23	23	23	21	20	19	19	19	19	19	19	233	s w by w
20	19	19	18	18	18	19	20	20	20	20	20	20	20	20	20	20	21	20	20	20	20	20	20	20	221	s w
21	20	19	18	18	18	19	19	19	19	19	19	19	19	19	19	19	20	20	20	20	20	20	20	20	217	s w by s
22	19	19	19	19	19	19	19	19	20	20	20	20	20	20	20	27	25	21	21	24	20	19	18	18	227	s w
23	19	19	18	17	17	18	19	20	20	20	20	20	20	20	20	20	21	20	17	16	16	16	16	16	209	s w by s
24	18	18	18	18	18	18	17	17	17	17	17	17	17	17	17	17	17	16	17	16	17	15	15	15	190	s by w
25	14	14	15	15	15	15	15	15	15	16	16	16	16	16	16	16	16	16	15	15	15	15	15	15	172	s by E
26	16	15	15	15	15	16	16	16	16	16	16	16	15	15	15	15	19	17	16	17	16	17	18	18	181	s
27	18	18	18	18	17	17	17	18	18	18	18	18	18	18	18	18	18	18	16	16	17	17	17	17	197	s s w
28	17	17	18	18	18	18	18	18	18	18	19	19	19	19	19	19	19	17	17	17	16	16	16	16	200	s s w
29	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	22	18	17	17	16	16	15	15	15	176	s
30	16	16	16	17	18	18	19	19	19	19	19	19	19	19	19	25	21	20	20	20	20	20	20	20	215	s w by s
31																										
Hourly Means	o 210 swbs	o 207 ssw	o 207 ssw	o 207 ssw	o 208 ssw	o 211 swbs	o 214 swbs	o 216 swbs	o 218 swbs	o 222 sw	o 223 sw	o 223 sw	o 223 sw	o 223 sw	o 239 swbw	o 259 wbs	o 262 wbs	o 249 wsw	o 221 sw	o 217 swbs	o 204 ssw	o 202 ssw	o 203 ssw	o 202 ssw	o 218	s w by s
No of Observations with the wind in each quarter — N W	0	0	0	0	0	0	0	0	0	0	3	2	2	3	7	12	14	10	6	5	1	0	0	0	65	Obs. N W
S W	27	26	27	27	27	28	28	28	28	29	26	27	26	25	21	16	15	19	19	22	25	24	24	24	588	„ S W
S E	3	4	3	3	3	2	2	2	2	1	1	1	2	2	2	1	0	0	2	3	4	6	6	6	61	„ S E
N E	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	3	0	0	0	0	0	6	„ N E

FORCE OF THE WIND—APRIL 1857

	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.
1	0·15	0·08	0·02	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·10	0·18	0·20	0·25	0·32	0·54	0·45	0·55	0·12
2	·30	·25	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·15	·16	·18	·20	·18	·25	·20		·08
3	·15	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·13	·12	·08	·07	·15	·17	·22	·20		·06
4	·13	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·03	·15	·10	·20	·25	·18		·05
5	·15	·10	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·08	·10	·13	·15	·22	·24	·22		·06
6	·25	·20	·10	·05	·03	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·08	·07	·06	·12	·17	·15	·15	·12		·07
7	·08	·10	·00	·00	·00	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	1·00	·03	·00	·00	·02		·05
8	·08	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·15	·20	·23	0·22	·18	·10	·12	·15		·06
9	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·12	·14	·10	·08	·10	·15	·65	1·05		·10
10	·30	·32	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·14	·13	·12	·17	·15	·15	·25	0·22		·08
11	·10	·13	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·25	·23	·20	·45	·55	1·10	1·05	·15		·18
12	·25	·15	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·12	·17	·20	·15	·25	·54	0·80	0·70	·35		·15
13	·15	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·20	·45	·75	·65	·38	·65	·75	·63	·70		·22
14	·17	·15	·12	·05	·00	·00	·00	·00	·00	·00	·00	·15	·22	·35	·30	·38	·45	·42	·30	·28	·35	·45	·50	·85		·23
15	·72	·68	·38	·35	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·40	·70	·32	·15	·00	·55	·85	·75	·67		·27
16	·90	·55	·35	·32	·30	·20	·10	·00	·00	·02	·70	·42	·35	·00	·00	·30	·45	·30	·25	·10	·25	·50	·85	1·05		·34
17	·55	·35	·50	·25	·35	·23	·15	·05	·00	·00	·02	·15	·35	·28	·55	1·15	·20	·15	·10	·85	1·25	1·50	1·45	0·45		·45
18	1·35	·85	·30	·25	·20	·15	·10	·02	·05	·15	·22	·10	·00	·00	·00	0·50	·25	·10	·45	1·15	·10	·35	0·45	1·25		·47
19	·45	·90	·25	·10	·12	·20	·05	·00	·00	·01	·02	·05	·03	·01	·00	·07	·03	·35	·55	0·85	·15	·25	·15	0·95		·40
20	0·45	·35	·15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·30	·25	·70	·85	0·90	0·85	1·65	·50		·25
21	·20	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·55	·90	1·15	1·65	1·45	1·00	1·10		·34
22	·30	·25	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	0·00	0·00	0·10	0·15	0·00		·03
23	·20	·25	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·35	·60	·50	·25		·09
24	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·18	·15	·12	·10		·03
25	·01	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·15	·17	·20	·18	·17		·04
26	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·20	·15	·05		·02
27	·15	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·15	·17	·25	·32	·45		·07
28	·15	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·07	·00	·20	·32	·25	·10		·05
29	·10	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·15	·10	·08	·06		·02
30	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·15	·35	·25	·20	·15		·05
31																										
Means	0·29	·21	·08	·05	·03	·03	·01	—	—	·01	·03	·03	·03	.02	·03	·11	·14	·16	.19	·31	·40	·50	·49	·41	0·15	

The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome the inertia of the instrument.

DIRECTION AND FORCE OF THE WIND

DIRECTION OF THE WIND—MAY 1857

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction
Madras Mean Time	h.m. 4.41	h.m. 5.41	h.m. 6.41	h.m. 7.41	h.m. 8.41	h.m. 9.41	h.m. 10.41	h.m. 11.41	h.m. 12.41	h.m. 13.41	h.m. 14.41	h.m. 15.41	h.m. 16.41	h.m. 17.41	h.m. 18.41	h.m. 19.41	h.m. 20.41	h.m. 21.41	h.m. 22.41	h.m. 23.41	h.m. 0.41	h.m. 1.41	h.m. 2.41	h.m. 3.41		
	parts	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	o	
1	20	18	18	18	18	20	20	21	21	21	21	21	23	23	23	25	25	24	17	18	17	17	17	18	227	s w
2	18	19	19	18	19	20	20	22	23	23	23	23	23	23	23	22	22	29	10	17	18	18	19	20	229	s w
3	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	24	20	20	20	20	20	20	20	242	w s w
4	18	18	18	19	19	19	19	19	19	19	19	19	19	19	19	19	28	29	30	17	17	17	17	17	222	s w
5	15	17	15	15	15	18	18	18	18	18	18	13	14	14	28	29	28	28	28	30	20	20	20	20	224	s w
6	20	20	20	20	19	21	21	21	21	21	21	21	21	27	28	28	27	26	28	21	21	21	27	30	258	w by s
7	20	21	21	22	22	23	25	25	25	26	26	27	27	27	24	24	24	26	29	26	20	20	20	20	267	w
8	17	19	20	20	20	21	21	21	22	22	22	24	26	25	26	28	28	31	0	0	4	15	20	20	266	w
9	20	20	21	23	29	29	29	30	31	31	31	0	29	24	23	24	26	28	29	30	0	20	20	20	296	w n w
10	21	21	21	21	22	22	22	22	22	22	23	23	23	24	24	24	24	27	27	26	28	21	20	20	258	w by s
11	20	20	20	21	21	21	21	21	23	23	22	22	31	31	28	23	28	27	27	28	28	19	19	20	264	w by s
12	19	20	20	20	20	20	20	20	20	24	27	26	24	26	26	26	27	31	12	14	14	14	17	17	236	s w by w
13	B. stopped			20	21	22	22	22	22	22	22	22	22	23	23	23	28	28	29	20	20	20	21	21	253	w s w
14	21	21	—	Instrument under repair—																					—	—
15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	19	18	18	18	19	B. stopd.		—	—
16	20	21	21	21	21	22	23	24	29	30	30	31	31	25	25	25	25	20	20	20	20	20	20	20	264	w by s
17	21	22	22	25	22	23	23	24	24	24	24	24	24	24	0	31	30	30	30	30	30	B. stopped			289	w n w
18	20	20	20	20	20	21	22	23	23	22	25	25	27	29	29	29	29	29	29	29	29	30	29	29	285	w by n
19	28	23	21	21	21	28	30	30	30	30	30	30	30	31	31	31	4	4	0	0	0	2	30	30	341	n n w
20	15	17	20	0	0	4	4	30	29	28	29	30	30	29	29	28	28	28	28	26	24	24	25	25	308	n w by w
21	27	27	27	28	26	25	27	28	28	28	27	25	24	23	22	23	22	25	25	28	29	28	28	29	295	w n w
22	29	29	28	28	28	27	29	29	28	28	28	28	28	28	28	29	29	29	29	29	0	10	16	16	301	n w by w
23	18	18	18	18	20	20	20	24	24	25	27	27	27	27	27	28	28	30	25	25	27	8	8	9	247	w s w
24	20	21	21	21	21	22	22	25	26	26	27	28	28	29	0	4	31	0	0	31	31	30	18	18	294	w n w
25	14	16	16	16	18	19	20	22	22	22	23	25	25	25	26	26	27	27	26	26	26	26	25	25	255	w by s
26	23	5	4	28	24	24	23	24	24	25	25	25	26	25	25	25	25	25	25	24	24	24	25	25	289	w n w
27	23	23	23	24	24	25	25	26	28	26	25	26	26	26	26	24	23	23	23	23	23	25	24	23	275	w
28	23	23	23	24	24	25	25	25	24	23	24	24	24	24	21	22	22	23	24	23	22	22	22	22	262	w by s
29	24	23	24	25	24	26	26	25	25	26	26	24	26	25	25	26	28	28	29	29	30	28	30	30	296	w n w
30	30	13	15	17	18	15	16	17	19	19	19	19	19	25	26	27	28	29	29	18	10	12	12	16	219	s w by s
31	12	14	14	16	17	19	18	21	21	21	24	23	23	23	23	27	27	26	27	28	28	26	28	11	242	w s w
Hourly Means	o 232 swbw	o 222 sw	o 235 swbw	o 242 wsw	o 243 wsw	o 254 wbs	o 258 wbs	o 264 wbs	o 269 w	o 270 w	o 275 w	o 275 w	o 280 wbn	o 282 wbn	o 296 wnw	o 293 wnw	o 301 nwbw	o 304 nwbw	o 300 nwbw	o 277 wbn	o 273 w	o 236 swbw	o 240 swbw	o 238 swbw	o 265	w
No. of Observations with the wind in each quarter: n w	5	2	3	7	7	8	8	14	14	14	17	17	19	21	18	21	24	23	20	16	12	9	10	8	317	Obs. n w
s w	20	24	21	20	20	19	20	15	15	15	12	10	9	7	9	7	4	5	5	11	12	14	16	18	328	„ s w
s e	4	2	3	1	1	1	0	0	0	0	0	1	1	1	0	0	0	0	2	1	2	5	2	2	29	„ s e
n e	0	1	1	1	1	1	1	0	0	0	0	1	0	0	2	1	1	2	3	2	4	1	0	0	23	„ n e

FORCE OF THE WIND—MAY 1857

	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	
1	0·08	0·02	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·02	0·03	0·07	0·10	0·03	0·05	0·06	0·30	0·65	0·45	0·08
2	·35	·50	·00	·00	·02	·00	·00	·01	·02	·00	·00	·00	·00	·00	·00	·00	·00	·03	·02	·02	·03	·02	·03	·04		·05
3	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·00	·00	·02	·02	·05	·06	·07		·01
4	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·04	·07	·00	·02	·02	·03	·01		·01
5	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·03	·08	·10	·06	·00	·02	·02	·03		·01
6	·00	·00	·00	·00	·00	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·35	·33	·45	·38	·25	·22		·08
7	1·15	·70	·60	·82	·00	·40	·65	·30	·00	·00	·00	·00	·00	·00	·30	·65	·55	·30	·27	·15	·17	·45	·60	·55		·36
8	·45	1·30	·90	1·22	1·00	·80	·35	·35	·20	·15	·10	·08	·10	·12	·05	·15	·30	·45	·38	·30	·50	·25	·45	·30		·47
9	0·40	0·25	·65	0·35	3·50	5·25	3·00	5·50	4·50	1·60	·35	·20	·05	·15	·10	·25	·32	·35	·35	·33	·37	·25	·00	·00		1·17
10	·10	·20	·30	·35	0·40	0·00	0·90	0·55	0·50	0·20	·35	·40	·20	·10	·15	·30	·35	·20	·15	·10	·10	·15	·30	·25		0·28
11	1·35	1·30	1·10	1·35	1·15	·10	·35	·20	·50	·15	·10	·00	·00	·00	·00	·00	·05	·13	·15	·17	·20	·13	·35	·45		·39
12	0·90	0·70	0·50	0·45	0·35	·32	·10	·00	·00	·00	·10	·08	·05	·00	·00	·13	·10	·00	·12	·15	·10	·08	·13	·05		·18
13	B. stopped			·00	·35	·55	·45	·30	·00	·00	·00	·00	·00	·00	·00	·00	·13	·18	·10	·12	·38	·30	·75	·20		·18
14	·30	·10	Instrument under repair—																							—
15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	·10	·05	·15	·17	·05	·00		—
16	·13	·20	·65	1·35	2·15	2·25	2·30	1·60	2·15	1·85	·55	·30	·15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00		·65
17	·00	·00	·55	0·10	0·15	0·80	0·65	0·80	0·45	0·30	·00	·00	·00	·00	·05	·00	·00	·00	·00	·00	·00	B. Stopped				·18
18	·00	·00	·00	·65	·85	·55	·47	·20	·10	·00	·00	·00	·00	·15	·30	·25	·10	·20	2·35	2·40	·85	·70	·55	·00		·44
19	·55	·15	·10	·00	·00	·05	·12	·15	·22	·17	1·15	·45	·67	·40	·20	·17	·28	·00	1·90	1·75	1·35	·55	·00	·00		·43
20	·00	·00	·00	·00	·00	·00	·00	·00	·05	·08	0·02	·00	·00	·00	·00	·15	·30	·75	·05	0·85	0·95	·85	·70	·35		·25
21	·60	·55	·40	·10	·00	·55	·20	·10	·05	·00	·02	·15	·08	·05	·08	·15	·55	1·20	·35	1·15	·45	·10	·90	1·45		·43
22	·10	·11	·00	·00	·00	·00	·00	·00	·12	·15	·35	·10	·00	·12	·20	·22	·35	0·40	0·42	0·35	·27	·00	·00	0·00		·14
23	·00	·00	·20	·22	·00	·00	·00	·00	·00	·10	·15	·05	·00	·35	·38	·32	·27	·25	·15	·00	·05	·02	·00	·00		·10
24	·30	·25	·26	·28	·22	·00	·00	·00	·00	·05	·00	·00	·00	·08	·03	·00	·03	·12	·14	·13	·10	·10	·00	·00		·09
25	·00	·15	·10	·00	·11	·08	·00	·00	·00	·00	·00	·35	·28	·15	·18	·65	1·35	1·45	1·15	1·00	·85	·75	·45	·25		·39
26	·65	·00	·00	·00	·45	·20	·30	·10	·05	·35	·52	·40	1·00	·85	·80	1·10	2·25	2·20	0·45	2·25	1·35	1·45	1·00	1·85		·86
27	·85	·45	·35	·30	·25	·20	·18	·13	·10	·10	·15	·13	0·00	·00	·00	0·00	0·20	0·35	·35	1·25	0·75	0·65	0·35	0·30		·35
28	·20	·05	·10	·25	·10	·18	·10	·12	·10	·05	·00	·00	·00	·00	·00	·30	·80	1·25	·45	0·25	·45	·80	·70	·65		·37
29	·45	·35	·00	·00	·00	·20	·00	·15	·17	·15	·00	·00	·00	·00	·10	·15	·08	0·45	·25	·20	·18	·05	·00	·00		·12
30	·10	·00	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·15	·10	·05	·00	·02	·00	·02	·00		·02
31	·00	·02	·00	·03	·05	·02	·00	·00	·07	·00	·00	·00	·00	·00	·00	·00	·45	·50	·35	·30	·18	·15	·10	·05		·09
Means	0·35	·26	·24	·27	·38	·43	·35	·36	·32	·19	·13	·09	·09	·09	·10	·18	·31	·38	·53	·51	·35	·31	·30	·27	·28	

The force is given in pounds and decimals of a pound on one square foot.
The entry ·00 denotes calms or pressures too small to overcome the inertia of the instrument.

DIRECTION AND FORCE OF THE WIND

DIRECTION OF THE WIND—JUNE 1857

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction
Madras Mean Time	h.m. 4.41	h.m. 5.41	h.m. 6.41	h.m. 7.41	h.m. 8.41	h.m. 9.41	h.m. 10.41	h.m. 11.41	h.m. 12.41	h.m. 13.41	h.m. 14.41	h.m. 15.41	h.m. 16.41	h.m. 17.41	h.m. 18.41	h.m. 19.41	h.m. 20.41	h.m. 21.41	h.m. 22.41	h.m. 23.41	h.m. 0.41	h.m. 1.41	h.m. 2.41	h.m. 3.41		
	parts	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	o	
1	10	11	9	12	12	12	13	13	13	13	13	13	17	22	24	25	24	24	22	24	24	12	12	12	181	s
2	15	14	17	19	18	17	17	20	26	26	26	26	26	26	24	25	26	26	28	28	28	13	13	13	242	w s w
3	12	12	12	12	12	12	17	18	19	18	17	16	18	19	19	20	21	20	20	12	13	12	13	12	176	s
4	13	14	14	14	15	16	18	19	27	26	21	18	20	20	24	24	26	22	24	24	14	14	14	14	213	s w by s
5	13	6	11	12	13	13	13	23	31	8	12	19	24	24	18	16	17	17	17	14	13	13	13	13	175	s
6	13	13	13	13	15	15	15	15	15	15	18	17	16	16	18	16	18	24	13	13	10	12	13	13	168	s by E
7	13	13	14	14	14	14	14	14	14	14	14	14	14	14	14	19	19	21	14	14	14	14	14	13	164	s by E
8	14	14	14	14	14	14	17	19	20	20	20	20	20	20	20	21	22	26	28	31	11	11	11	12	203	s s w
9	12	12	13	13	13	17	18	17	16	17	25	11	10	9	12	17	13	17	17	16	14	13	7	24	165	s by E
10	19	14	14	14	14	15	16	17	17	17	19	20	21	26	30	3	29	31	28	25	23	25	28	28	231	s w by w
11	0	3	3	3	3	1	1	1	1	24	24	24	23	23	20	17	18	18	14	14	13	13	13	13	135	s E
12	14	15	15	16	17	21	22	20	20	22	22	22	23	23	23	25	25	25	24	25	14	15	15	15	224	s w
13	13	13	20	18	18	18	24	20	19	21	20	23	20	20	24	24	24	24	22	21	20	20	14	29	229	s w
14	24	20	20	24	24	24	23	23	23	25	22	22	22	25	25	23	24	25	26	26	26	26	28	29	271	w
15	23	23	16	16	16	15	15	15	22	23	21	22	23	24	24	24	24	26	26	26	27	25	26	25	247	w s w
16	25	20	20	20	18	18	19	20	21	20	20	20	23	24	28	28	28	24	24	23	23	22	22	22	249	w s w
17	21	19	19	19	24	24	24	24	24	24	23	23	23	25	24	25	26	25	25	24	24	24	23	21	261	w by s
18	20	20	23	29	28	26	20	20	20	20	21	23	22	21	22	22	22	21	22	21	21	21	20	20	246	w s w
19	16	16	16	20	16	16	19	19	19	19	27	28	27	26	25	26	26	26	25	25	25	23	23	23	249	w s w
20	Bd. stopped.			15	14	14	17	17	17	17	21	21	21	22	23	23	23	23	23	23	20	20	20	21	222	s w
21	3	3	3	3	15	18	18	18	18	26	26	26	26	23	23	23	23	22	23	24	24	24	26	25	277	w by N
22	25	23	20	20	20	24	24	25	25	23	23	23	23	23	23	23	22	22	21	21	23	23	23	23	255	w by s
23	22	22	22	22	22	22	22	21	22	22	23	23	23	23	23	21	22	23	22	24	25	Bd. stopped.			252	w s w
24	15	15	15	16	16	16	17	17	24	24	25	25	25	25	25	20	21	23	23	23		Bd. stopped.			?	
25	—	—	—	26	26	26	26	26	26	26	26	26	26	26	26	26	26	24	24	24	24	23	22	22	282	w by N
26	13	16	16	14	19	19	19	20	20	21	22	22	23	23	23	21	21	22	23	22	21	21	22	21	227	s w
27	22	13	16	13	18	19	17	18	18	17	17	17	17	24	24	25	25	25	25	24	23	22	21	21	225	s w
28	21	21	16	16	16	17	4	12	12	23	23	23	24	22	23	25	22	22	23	24	23	22	22	22	239	s w by w
29	21	21	21	20	18	18	17	17	18	24	23	24	24	23	24	24	24	24	26	26	26	27	27	28	255	w by s
30	26	20	22	22	22	18	24	24	24	24	24	24	24	24	24	24	24	24	24	25	24	23	23	23	262	w by s
31																										
Hourly Means	o 197 ssw.	o 171 sbE	o 174 sbE	o 183 s	o 191 sbw	o 207 ssw	o 211 swbs	o 219 swbs	o 234 swbw	o 231 swbw	o 239 swbw	o 238 swbw	o 243 wsw	o 249 wsw	o 255 wbs	o 258 wbs	o 257 wbs	o 261 wbs	o 253 wsw	o 250 wsw	o 229 sw	o 214 swbs	o 212 swbs	o 224 sw	o 225	s w
No. of Observations with the wind in each quarter: NW	4	0	0	3	4	5	5	4	8	10	8	8	9	12	15	14	15	16	14	17	11	6	5	7	200	Obs. N W
SW	9	12	15	13	14	15	18	20	17	16	19	19	19	16	13	15	14	14	13	8	9	11	11	11	341	„ S W
S E	13	13	11	12	11	9	5	5	4	4	3	3	2	2	2	0	1	0	3	5	9	11	11	10	149	„ S E
NE	2	3	2	2	1	1	2	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	17	„ N E

FORCE OF THE WIND—JUNE 1857

	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.
1	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·08	0·12	0·10	0·10	0·09	0·04	0·03	0·03	0·08	0·03
2	·15	·13	·05	·02	·00	·05	·15	·18	·12	·00	·00	·00	·00	·00	·00	·10	·12	·15	·17	·00	·00	·00	·00	·00	.06
3	·00	·00	·00	·00	·00	·00	·03	·02	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·00	·02	·00	·08	·10	·06	·02
4	·05	·03	·00	·00	·00	·00	·00	·03	·08	·09	·02	·00	·00	·00	·00	·07	·12	·14	·10	·12	·02	·01	·03	·10	·04
5	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·12	·10	·04	·06	·07	·04	·00	·02
6	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·00
7	·00	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·08	·05	·03	·08	·15	·17	·20	·18	·04
8	·15	·22	·15	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·01	·00	·00	·00	·00	·00	·03
9	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·30	1·80	·00	·00	·00	·02	·08	·03	·02	·04	·02	·00	·00	·00	·10
10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	0·00	·10	·30	·45	·05	·00	·00	·00	·08	·06	·04	·00	·00	·05
11	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·10	·00	·00	·02	·01	·00	·00	·01
12	·15	·06	·00	·00	·05	·01	·07	·00	·00	·00	·00	·00	·00	·00	·00	·00	·50	·48	·30	·35	·10	·00	·00	·00	·09
13	·05	·03	·02	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·15	·12	·13	·13	·10	·00	·12	·04
14	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·15	·12	·00	·00	·00	·00	·00	·00	·01
15	·00	·00	·00	·00	·00	·00	·00	·00	·08	·03	·02	·09	·03	·00	·00	·02	·01	·03	·10	·06	·07	·05	·05	·00	·03
16	·00	·00	·00	·00	·00	·00	·10	·12	·05	·02	·06	·00	·00	·00	·00	·00	·00	·35	·15	·18	·15	·20	·20	·15	·07
17	·00	·00	·00	·00	·00	1·25	·35	·05	·01	·00	·00	·03	·05	·20	·08	·07	·22	·20	·24	·18	·10	·12	·13	·08	·14
18	·05	·00	·70	·00	·00	0·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·20	·10	·00	·00	·00	·00	·05
19	·05	·00	·00	·05	·00	·00	·00	·00	·00	·00	·00	·05	·00	·00	·10	·20	·70	1·25	1·30	·25	·00	·00	·00	·00	·16
20	Bd. stopped.			·00	·00	·00	·00	·00	·00	·00	·00	·00	·15	·22	·10	·12	·25	0·22	0·15	·02	·04	·05	·07	·02	·07
21	·02	·00	·00	·00	·00	·00	·00	·00	·00	·01	·00	·00	·00	·00	·00	·00	·00	·03	·10	·08	·00	·02	·04	·40	·03
22	·35	·20	·10	·00	·00	·05	·08	·03	·02	·01	·00	·00	·00	·00	·00	·00	·00	·00	·10	·22	·40	·00	·00	·00	·07
23	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·06	·12	·10	·00	·05	·00	·00	·02
24	·05	·02	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·15	·30	·28	·00	·00	·00	·00	·04
25	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·65	·30	·00	·04
26	·15	·00	·00	·00	·45	·40	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·20	·30	·32	·20	·18	·16	·15	·11
27	·20	·00	·02	·00	·25	·18	·00	·05	·03	·00	·00	·00	·00	·00	·00	·10	·35	·32	·50	·30	·33	·54	·38	·25	·16
28	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·15	·20	·10	·08	·02	·02	·10	·13	·15	·17	·18	·00	·06
29	·00	·00	·00	·00	·00	·00	·00	·00	·00	·04	·10	·07	·05	·00	·12	·15	·18	·45	·35	·32	·33	·31	·28	·24	·12
30	·10	·00	·00	·00	·00	·00	·02	·15	·08	·13	·10	·15	·12	·10	·13	·20	·54	·42	·35	·32	·25	·22	·00	·00	·14
Means	0·06	·03	·04	·01	·03	·06	·03	·02	·02	·01	·02	·07	·02	·03	·04	·04	·13	·18	·18	·13	·09	·10	·07	·06	0·06

The force is given in pounds and decimals of a pound on one square foot.
The entry ·00 denotes calms or pressures too small to overcome the inertia of the instrument.

DIRECTION AND FORCE OF THE WIND

DIRECTION OF THE WIND—JULY 1857

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction
Madras Mean Time	h.m. 4.41	h.m. 5.41	h.m. 6.41	h.m. 7.41	h.m. 8.41	h.m. 9.41	h.m. 10.41	h.m. 11.41	h.m. 12.41	h.m. 13.41	h.m. 14.41	h.m. 15.41	h.m. 16.41	h.m. 17.41	h.m. 18.41	h.m. 19.41	h.m. 20.41	h.m. 21.41	h.m. 22.41	h.m. 23.41	h.m. 0.41	h.m. 1.41	h.m. 2.41	h.m. 3.41		
	parts	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	o	
1	19	16	16	14	14	14	15	15	16	20	22	21	22	20	Board Stopped										?	
2	5	12	13	16	16	17	17	17	20	20	20	19	19	20	21	25	27	27	26	26	25	22	23	16	220	s w
3	15	15	15	16	15	16	17	17	17	19	18	20	20	21	21	22	24	24	24	22	22	21	21	12	213	sw by s
4	11	12	12	9	10	26	1	5	6	6	6	6	14	22	21	21	22	22	22	22	23	21	20	17	167	s by E
5	14	14	18	15	15	15	15	15	25	25	25	25	25	25	24	25	25	25	25	25	25	25	25	26	244	w s w
6	22	22	22	15	14	15	15	23	24	25	24	25	24	24	25	24	23	21	24	21	23	23	21	13	240	sw by w
7	14	16	17	16	17	17	17	17	17	17	17	17	23	23	25	27	26	25	24	23	14	14	14	14	211	sw by s
8	14	14	15	16	16	18	18	19	20	22	22	25	26	26	26	25	25	25	23	21	21	13	14	10	222	s w
9	6	14	13	14	18	16	17	17	16	17	17	17	17	17	23	24	25	25	24	25	27	23	20	20	212	sw by s
10	16	15	16	17	17	17	26	20	25	27	26	25	24	24	26	25	25	25	25	25	26	28	12	13	246	w s w
11	13	13	13	15	15	16	21	20	17	17	17	17	17	17	17	17	21	21	21	23	22	24	21	5	197	s s w
12	14	14	15	16	15	20	20	18	20	20	22	22	22	22	22	22	24	23	24	23	23	23	4	5	212	s w by s
13	8	19	15	16	16	16	19	21	22	23	25	25	24	24	25	24	25	25	25	25	25	25	25	25	245	w s w
14	24	24	23	16	16	15	17	17	19	20	22	23	23	23	23	24	23	24	24	25	25	25	25	26	247	w s w
15	28	12	12	12	16	16	18	18	24	23	24	24	24	25	25	25	25	25	26	28	28	10	10	10	229	s w
16	11	13	13	16	16	17	17	12	16	16	17	18	23	23	24	25	25	26	25	26	28	8	9	4	201	s s w
17	14	14	14	16	16	15	16	17	17	17	17	17	17	20	25	25	26	26	27	29	8	12	13	13	202	s s w
18	12	13	13	13	13	15	15	15	15	16	17	17	19	19	20	20	24	25	27	28	28	28	10	22	208	sw by s
19	10	10	11	12	12	12	14	14	14	18	18	20	19	18	20	22	23	25	28	28	5	8	7	9	177	s
20	10	11	12	12	12	12	13	14	15	18	19	20	24	22	19	18	19	21	20	20	16	17	13	12	182	s
21	10	11	11	11	11	11	15	17	20	22	23	28	28	29	29	21	20	19	22	22	22	20	22	17	216	sw by s
22	13	13	13	13	13	13	18	18	18	19	19	21	26	25	25	28	28	28	26	20	17	12	12	12	211	sw by s
23	13	14	20	18	18	18	20	20	20	20	20	19	19	19	19	19	20	18	20	14	14	13	13	15	198	s s w
24	14	14	14	15	14	14	15	15	16	18	19	19	19	19	19	18	23	24	24	24	24	22	14	14	202	s s w
25	14	14	16	16	16	16	16	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	18	187	s by w
26	5	6	14	17	17	17	17	19	23	27	26	23	23	23	23	23	23	23	23	23	23	23	23	23	228	s w
27	23	23	24	23	24	24	25	28	28	28	28	27	27	27	27	27	25	25	25	23	23	23	23	24	283	w by N
28	22	23	22	23	24	21	21	23	24	24	24	24	24	24	21	22	21	23	21	23	22	23	23	23	255	w by s
29	23	19	30	30	30	19	19	19	19	19	19	19	19	19	20	21	22	22	22	22	22	24	26	30	250	w s w
30	22	15	18	24	16	24	24	23	21	20	20	20	20	20	18	19	22	23	22	22	22	24	22	22	236	sw by w
31	23	28	29	29	28	21	21	21	24	24	24	24	24	24	24	25	25	25	25	24	22	28	23	23	276	w by N
Hourly Means	o 168 sbE	o 172 sbE	o 185 s	o 185 s	o 185 s	o 190 sbw	o 207 ssw	o 200 ssw	o 216 swbs	o 226 sw	o 230 sw	o 234 swbw	o 244 wsw	o 247 wsw	o 253 wsw	o 255 wbs	o 264 wbs	o 265 w	o 267 w	o 262 wbs	o 253 wsw	o 225 sw	o 197 ssw	o 185 s	o 221	s w
No. of Observations with the wind in each quarter. NW	2	2	3	3	4	3	3	1	7	7	9	10	12	11	13	15	16	18	19	13	10	9	4	5	199	Obs. NW
SW	8	7	10	15	14	17	19	22	20	23	21	20	18	20	17	15	14	12	11	16	16	13	13	10	371	„ SW
SE	18	21	18	13	13	11	8	7	3	0	0	0	1	0	0	0	0	0	0	1	3	8	11	12	148	„ SE
NE	3	1	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	2	3	16	„ NE

FORCE OF THE WIND—JULY 1857

	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	
1	0·00	0·00	0·00	0·00	0·00	0·00	0·02	0·01	0·00	0·00	0·00	0·08	0·06	0·00	Board Stopped.											
2	·05	·00	·00	·00	·00	·00	·00	·00	·03	·00	·00	·00	·00	·00	0·00	0·00	0·00	0·15	0·12	0·17	0·15	0·13	0·11	0·10	0·04	
3	·08	·05	·12	·11	·02	·15	·17	·00	·00	·00	·00	·00	·00	·00	·00	·10	·15	·35	·27	·22	·00	·18	·20	·13	·10	
4	·10	·00	·00	·00	·00	·02	·00	·00	·00	·00	·00	·00	·00	·00	·02	·15	1·45	1·30	·85	·75	1·20	1·22	·85	·05	·33	
5	·00	·08	·02	·00	·00	·00	·00	·00	·00	·05	·13	·14	·18	·10	·08	·12	0·75	·50	1·22	1·25	·35	0·75	·45	·52	·36	
6	·10	·05	·00	·01	·00	·00	·00	·06	·20	·21	·20	·10	·12	·10	·08	·15	·20	0·45	0·22	0·15	0·13	·18	·20	·10	·13	
7	·10	·13	·15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·35	·42	·28	·27	·15	·17	·15	·12	·10	
8	·10	·12	·18	·65	·40	·30	·00	·00	·00	·00	·00	·00	·10	·15	·17	·25	·32	·38	·37	·35	·27	·15	·18	·10	·19	
9	·00	·00	·00	·00	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·15	·17	·10	·12	·15	·13	·12	·10	·04	
10	·15	·45	·10	·25	·45	·50	·15	·00	·02	·13	·08	·00	·00	·00	·02	·17	·25	·24	·22	·20	·15	·13	·08	·03	·16	
11	·15	·13	·10	·30	·25	·13	·45	·65	·00	·02	·00	·00	·00	·00	·00	·00	·10	·20	·24	·22	·18	·16	·10	·02	·14	
12	·00	·00	·00	·00	·00	·00	·10	·00	·00	·02	·02	·05	·00	·00	·00	·10	·17	·18	·20	·22	·16	·15	·00	·00	·06	
13	·00	·00	·00	·00	·00	·00	·00	·03	·15	·10	·08	·00	·00	·00	·02	·13	·25	·30	·32	·28	·29	·27	·23	·20	·11	
14	·15	·10	·00	·00	·00	·00	·08	·00	·00	·00	·08	·06	·00	·00	·10	·12	·25	·27	·24	·22	·24	·23	·22	·10	·10	
15	·00	·00	·00	·00	·02	·03	·05	·00	·04	·20	·17	·15	·12	·10	·10	·15	·20	·22	·21	·25	·22	·02	·15	·12	·11	
16	·00	·00	·00	·00	·00	·00	·02	·00	·00	·00	·00	·00	·00	·10	·15	·18	·22	·25	·24	·22	·20	·02	·10	·00	·07	
17	·00	·00	·00	·00	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·13	·15	·10	·05	·07	·08	·05	·03	·03	
18	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·10	·12	·15	·08	·00	·00	·00	·02	
19	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·05	·00	·00	·10	·13	·17	·14	·10	·00	·05	·02	·03	·00	·03	
20	·00	·00	·00	·00	·00	·00	·00	·00	·00	·07	·08	·00	·02	·00	·00	·00	·07	·10	·13	·15	·13	·08	·02	·01	·04	
21	·00	·00	·00	·00	·00	·00	·00	·00	·08	·15	·12	·10	·00	·00	·00	·00	·00	·00	·03	·14	·12	·08	·02	·00	·04	
22	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·30	·80	·50	·35	·38	·22	·23	·25	·00	·00	·10	·05	·03	·13	
23	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·06	·08	·00	·08	·00	·03	·02	·01	
24	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·20	·18	·12	·13	·20	·03	·02	·04	
25	·07	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
26	·00	·00	·00	·00	·00	·00	·00	·00	·00	·07	·20	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	
27	·00	·02	·00	·08	·15	·25	·18	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·00	·05	·00	·00	·00	·03	
28	·08	·06	·03	·02	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·10	·08	·15	·18	·10	·00	·00	·04	
29	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·10	·20	·00	·00	·08	·25	·18	·14	·00	·04	
30	·00	·15	·02	·03	·35	·28	·10	·08	·02	·00	·00	·00	·00	·00	·10	·15	·20	·22	·23	·13	·30	·00	·00	·00	·10	
31	·15	·06	·01	·03	·00	·12	·00	·00	·03	·08	·00	·00	·00	·00	·00	·14	·12	·00	·00	·03	·04	·10	·03	·00	·04	
Means	0·04	·05	·02	·05	·06	·06	·04	·03	·02	·04	·04	·03	·04	·04	·04	·09	·20	·26	·22	·20	·21	·16	·12	·06	0·09	

The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome the inertia of the instrument.

DIRECTION AND FORCE OF THE WIND

DIRECTION OF THE WIND—AUGUST 1857

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction
Madras Mean Time	h.m. 4.41	h.m. 5.41	h.m. 6.41	h.m. 7.41	h.m. 8.41	h.m. 9.41	h.m. 10.41	h.m. 11.41	h.m. 12.41	h.m. 13.41	h.m. 14.41	h.m. 15.41	h.m. 16.41	h.m. 17.41	h.m. 18.41	h.m. 19.41	h.m. 20.41	h.m. 21.41	h.m. 22.41	h.m. 23.41	h.m. 0.41	h.m. 1.41	h.m. 2.41	h.m. 3.41		
	parts	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	o	
1	20	12	12	13	16	24	20	20	22	21	22	22	22	22	22	22	22	21	25	25	23	24	23	24	234	sw by w
2	13	10	16	16	16	16	19	17	16	16	16	16	16	18	21	21	23	24	23	24	25	22	21	12	205	s s w
3	14	13	13	13	13	13	1	7	18	18	18	18	18	18	20	23	24	25	26	22	23	22	14	13	206	s s w
4	13	14	14	14	14	14	14	18	17	17	18	20	19	19	19	18	20	21	23	22	21	21	12	13	195	s by w
5	14	14	14	15	16	16	15	19	18	20	20	20	20	20	20	24	24	24	25	23	23	24	13	12	212	sw by s
6	14	14	15	16	16	17	17	19	19	18	18	18	23	25	25	24	23	23	23	23	22	22	21	12	219	sw by s
7	14	19	16	16	16	17	16	17	17	23	26	26	26	26	26	23	23	22	23	21	23	22	21	21	234	sw by w
8	22	21	19	17	17	18	18	19	19	25	26	26	26	26	25	24	23	22	23	23	23	23	24	23	249	w s w
9	21	21	20	21	22	22	23	23	22	23	23	23	23	24	24	23	23	22	22	22	23	21	24	25	253	w s w
10	21	22	15	15	22	22	22	23	24	24	24	24	24	25	25	20	24	22	22	23	22	22	22	22	249	w s w
11	11	12	14	14	16	18	18	18	17	16	16	19	23	24	25	24	23	21	21	—	Board Stopped			—	—	
12	20	21	21	21	23	24	—	—	—	—	—	—	Board Stopped—				—	—	—	—	—	20	20	16	—	
13	7	10	12	13	15	14	16	16	16	16	16	17	22	22	21	21	21	22	22	21	21	21	21	21	199	s s w
14	25	22	22	8	26	27	26	26	25	25	24	24	24	24	23	23	25	25	25	24	25	26	24	25	284	w by N
15	22	22	22	26	23	23	23	23	23	23	23	23	24	23	22	21	22	22	23	26	26	—B. S.		—	260	w by s
16	27	27	27	—	—	—	—Board Stopped			—	—	—	—	—	23	—	Board Stopped—			—	—	27	28	26	—	
17	15	15	15	18	16	17	15	16	16	25	26	25	24	24	23	23	23	23	23	23	23	23	22	22	232	sw by w
18	27	20	28	10	11	8	8	9	22	23	24	24	24	24	24	23	23	24	23	23	21	21	22	21	228	s w
19	17	18	16	4	14	14	13	14	21	22	22	21	21	21	22	20	21	21	20	20	20	20	10	11	198	s s w
20	15	15	16	16	17	17	18	21	20	20	20	21	23	24	26	27	26	26	26	27	26	24	14	14	234	sw by w
21	16	19	19	20	20	25	23	23	24	24	26	27	27	25	26	27	28	28	28	28	28	4	11	16	269	w
22	14	15	15	18	18	25	20	17	18	18	18	18	18	18	18	18	22	25	24	26	26	26	26	27	229	s w
23	26	26	16	16	16	17	17	19	19	20	20	21	23	23	24	25	27	27	28	29	28	9	10	12	233	sw by w
24	10	12	13	13	14	15	15	17	18	20	20	17	17	17	17	20	26	28	28	29	12	13	13	13	195	s by w
25	14	14	18	16	16	16	19	20	20	21	21	22	25	25	25	21	22	25	26	28	27	23	24	20	238	sw by w
26	13	11	13	15	16	16	13	19	19	20	20	21	22	23	23	25	25	25	25	25	27	7	9	9	207	s s w
27	12	13	13	13	16	16	17	28	20	20	20	20	20	20	20	26	26	27	28	27	28	9	11	11	216	sw by s
28	13	13	16	16	17	16	20	21	21	21	22	24	23	25	25	28	28	28	28	29	28	27	11	12	240	sw by w
29	12	12	12	14	22	23	23	20	19	20	22	25	25	25	25	26	27	28	28	28	28	27	27	25	255	w by s
30	13	13	13	13	16	15	15	18	13	13	13	30	28	28	26	27	28	28	28	28	29	10	10	12	219	sw by s
31	13	13	14	14	15	15	15	17	18	19	20	22	22	22	22	23	23	24	26	27	27	26	12	13	217	sw by s
Hourly Means	o 184 s	o 183 s	o 185 s	o 170 sbE	o 193 sbw	o 202 ssw	o 206 ssw	o 211 swbs	o 218 swbs	o 229 sw	o 234 swbw	o 246 wsw	o 253 wsw	o 256 wbs	o 258 wbs	o 260 wbs	o 270 w	o 273 w	o 277 wbN	o 280 wbN	o 272 w	o 240 swbw	o 202 ssw	o 195 sbw	o 229	sw

No. of Observations with the wind in each quarter																										
	NW	4	2	2	1	1	5	1	2	3	5	7	10	11	15	14	12	13	17	16	16	14	9	7	6	193 Obs. N W
	SW	8	10	13	13	22	17	18	24	25	23	21	19	18	14	16	17	16	12	13	12	13	14	9	9	376 „ S W
	SE	18	19	16	15	7	8	9	2	1	1	1	0	0	0	0	0	0	0	0	0	1	4	13	14	129 „ S E
	NE	1	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	6 „ N E

FORCE OF THE WIND—AUGUST 1857

	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	
1	0·00	0·00	0·00	0·00	0·00	0·00	0·02	0·02	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·03	0·04	0·10	0·17	0·28	0·18	0·14	0·15	0·05	
2	·08	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·18	·08	·15	·10	·06	·00	·03	
3	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·12	·14	·06	·08	·09	·07	·02	·04	·03	
4	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·12	·17	·20	·16	·13	·08	·02	·04	
5	·10	·02	·03	·00	·00	·02	·02	·00	·00	·00	·05	·00	·00	·00	·00	·03	·10	·12	·15	·16	·10	·11	·05	·02	·04	
6	·08	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·12	·10	·20	·15	·18	·16	·15	·08	·06	
7	·08	·30	·00	·00	·00	·00	·00	·00	·00	·00	·08	·10	·06	·05	·13	·02	·10	·13	·45	·27	·28	·26	·32	·40	·13	
8	·17	·13	·00	·00	·00	·00	·00	·00	·00	·00	·08	·12	·03	·00	·00	·00	·10	·15	·55	·70	·65	·75	1·00	·45	·20	
9	·20	·08	·00	·00	·00	·00	·06	·08	·13	·15	·12	·14	·12	·00	·00	·11	·30	·65	·75	·78	·50	·35	0·42	·00	·21	
10	·15	·03	·00	·00	·00	·00	·00	·00	·03	·07	·12	·03	·00	·00	·00	·00	·10	·17	·25	·28	·26	·22	·20	·00	·08	
11	·00	·00	·25	·20	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·04	·00	·05	·15	·20	—	Board Stopped			—	—	
12	·15	·20	·35	·38	·32	·10	—	—	—	—	—	—Board Stopped				—	—	—	—	—	·15	·20	·14	—	
13	·00	·08	·03	·04	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·30	·65	·55	·60	·45	·40	·38	·35	·16	
14	·20	·00	·00	·00	·08	·30	·15	·16	·08	·00	·07	·00	·00	·00	·00	·00	·13	·28	·65	·80	·70	·75	·65	·50	·23	
15	·00	·00	·00	·00	·00	·10	·35	·40	·35	·27	·33	·35	·30	·15	·10	·12	·25	·50	·45	·10	·00	—	B. S.	—	·20	
16	·00	·00	·00	—	—	—	—	Board Stopped —			—	—	—	·45	—	Board Stopped			—	—	·30	·25	·22	—		
17	·08	·00	·00	·08	·00	·10	·00	·00	·00	·17	·13	·12	·14	·15	·17	·19	·40	1·25	1·45	1·00	·70	·35	·38	·35	·30	
18	·00	·00	·00	·15	·00	·00	·00	·00	·00	·00	·08	·10	·11	·06	·12	·13	·16	0·18	0·20	0·17	·15	·16	·18	·12	·09	
19	·00	·15	·00	·00	·00	·00	·00	·00	·00	·12	·00	·13	·15	·14	·10	·08	·12	·30	·24	·26	·25	·24	·00	·08	·10	
20	·00	·00	·00	·00	·02	·03	·00	·00	·04	·00	·00	·00	·00	·00	·00	·05	·12	·16	·22	·25	·28	·27	·13	·10	·07	
21	·00	·00	·03	·08	·30	·20	·00	·00	·10	·08	·09	·03	·00	·00	·12	·15	·20	·25	·30	·35	·38	·32	·10	·05	·13	
22	·00	·00	·00	·00	·00	·07	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·15	·14	·16	·17	·18	·17	·15	·05	
23	·15	·08	·00	·00	·00	·00	·00	·05	·02	·00	·00	·00	·06	·03	·07	·12	·14	·15	·16	·14	·12	·07	·08	·02	·06	
24	·04	·00	·00	·00	·00	·00	·00	·00	·00	·03	·00	·00	·00	·00	·00	·00	·05	·10	·13	·06	·02	·00	·04	·08	·02	
25	·07	·00	·03	·00	·00	·00	·00	·13	·10	·15	·10	·08	·02	·00	·00	·04	·14	·18	·12	·14	·12	·13	·15	·12	·08	
26	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·13	·14	·12	·14	·12	·10	·13	·10	·05	
27	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·15	·13	·12	·11	·14	·15	·04	
28	·03	·01	·00	·00	·00	·00	·00	·08	·00	·00	·00	·03	·00	·00	·00	·08	·17	·16	·18	·27	·25	·23	·15	·12	·07	
29	·03	·00	·00	·00	·10	·00	·00	·08	·07	·00	·10	·13	·15	·14	·16	·22	·25	·27	·26	·25	·24	·22	·25	·00	·12	
30	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·15	·22	·17	·15	·14	·05	·00	·00	·04	
31	·04	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·13	·10	·08	·12	·14	·16	·12	·12	·11	·06	·05	·07	·06	
Means	·06	·03	·00	·01	·02	·03	·02	·04	·03	·04	·05	·05	·05	·03	·04	·06	·14	·25	·30	·28	·25	·21	·19	·13	·10	

The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome the inertia of the instrument.

LIBRARY OF THE UNIVERSITY OF

DIRECTION AND FORCE OF THE WIND

DIRECTION OF THE WIND—SEPTEMBER 1857

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction
Madras Mean Time	h.m. 4.41	h.m. 5.41	h.m. 6.41	h.m. 7.41	h.m. 8.41	h.m. 9.41	h.m. 10.41	h.m. 11.41	h.m. 12.41	h.m. 13.41	h.m. 14.41	h.m. 15.41	h.m. 16.41	h.m. 17.41	h.m. 18.41	h.m. 19.41	h.m. 20.41	h.m. 21.41	h.m. 22.41	h.m. 23.41	h.m. 0.41	h.m. 1.41	h.m. 2.41	h.m. 3.41		
	parts	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	o	
1	13	12	12	12	12	12	12	12	17	16	16	16	16	16	16	18	20	30	8	11	11	10	11	11	144	SE by S
2	13	13	13	13	13	13	13	13	13	20	20	17	15	15	15	20	0	4	2	2	3	10	11	11	132	S E
3	10	11	13	14	14	16	20	20	25	19	19	20	20	20	20	28	28	28	28	6	10	10	10	10	196	S by W
4	10	10	10	10	11	11	11	12	20	20	20	20	20	20	20	23	27	29	28	29	10	11	11	12	190	S by W
5	12	12	12	14	14	14	14	16	16	16	16	16	16	16	16	20	27	30	30	7	10	11	12	13	178	S
6	12	12	12	12	12	12	12	12	12	18	19	19	19	19	19	20	25	26	27	25	8	10	10	12	180	S
7	14	13	14	14	16	16	16	20	20	20	20	20	20	20	20	25	26	27	27	27	27	27	27	11	228	S W
8	11	12	14	14	14	14	15	16	21	20	20	21	22	23	23	24	24	24	25	24	22	21	16	13	212	SW by S
9	13	13	15	15	15	15	15	15	15	22	22	23	22	23	23	22	22	23	25	24	24	25	26	8	218	SW by S
10	12	12	12	12	12	14	16	16	24	24	24	24	24	24	29	28	28	28	28	9	9	13	13	13	210	SW by S
11	12	12	12	12	14	15	15	15	16	17	17	17	17	17	17	25	28	29	30	6	8	8	8	9	176	S
12	8	10	12	12	12	13	15	16	20	20	20	20	20	20	25	29	29	30	30	31	0	0	7	7	220	S W
13	6	6	9	19	18	18	18	18	20	21	21	24	30	31	0	31	31	30	29	29	30	29	9	10	243	W S W
14	9	9	9	0	31	26	22	22	20	20	23	23	20	20	22	23	26	24	25	28	27	6	4	4	224	S W
15	8	8	12	16	18	18	18	21	21	21	23	23	23	23	23	24	26	28	29	29	2	3	3	3	258	W by S
16	21	21	21	18	16	16	16	25	20	20	24	24	24	24	24	23	23	23	24	24	25	25	28	28	252	W S W
17	28	28	23	23	23	23	19	17	17	25	25	24	26	26	23	23	23	24	25	23	25	28	28	28	270	W
18	28	28	28	28	28	28	18	17	18	18	20	22	24	25	24	23	23	23	25	24	23	22	24	24	265	W
19	25	13	10	15	15	15	14	14	14	14	10	17	17	17	17	17	24	24	24	24	24	13	13	13	192	S by W
20	15	16	16	16	16	15	16	17	19	21	27	20	21	26	26	30	31	20	15	6	12	12	12	12	202	S S W
21	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	101	E by S
22	13	14	14	14	14	14	14	14	14	15	15	15	15	15	18	20	21	22	27	20	15	15	14	15	181	S
23	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	20	20	20	20	19	14	14	14	14	157	S S E
24	13	13	13	13	13	13	13	18	18	18	19	19	19	25	22	23	25	23	25	12	12	12	12	12	190	S by W
25	16	14	15	15	15	15	15	16	19	20	20	20	19	19	19	20	20	20	19	23	12	12	12	12	191	S by W
26	13	14	14	16	17	18	17	16	19	20	20	21	21	20	21	25	25	27	28	1	20	21	22	22	230	S W
27	16	19	19	18	21	20	21	21	21	21	22	25	23	24	25	27	27	28	28	29	6	9	7	10	228	S W
28	18	16	15	15	15	15	15	15	15	15	20	21	21	25	25	26	26	26	28	28	29	8	8	8	212	SW by S
29	10	9	9	9	9	10	13	13	22	22	22	23	21	25	26	27	26	27	28	1	10	8	11	15	201	S S W
30	18	22	22	22	22	21	21	28	10	12	20	25	24	25	22	28	28	29	29	0	27	1	31	15	265	W
Hourly Means	o 157 SSE	o 155 SSE	o 158 SSE	o 162 SSE	o 177 S	o 177 S	o 174 SbE	o 186 SbW	o 198 SSW	o 209 SWbS	o 219 SWbS	o 225 SW	o 225 SW	o 234 SWbW	o 237 SWbW	o 263 WbS	o 293 WNW	o 300 WNW	o 296 WNW	o 343 NbW	o 173 SbE	o 55 NEbE	o 75 EbN	o 120 SEbE	o 203	S S W
No. of Observations with the wind in each quarter NW	3	2	1	1	2	2	0	2	2	2	3	6	6	11	8	14	20	20	24	14	9	5	6	3	166	Obs. N W
SW	5	5	5	8	9	9	13	16	19	22	24	21	20	15	18	15	8	8	2	4	3	3	2	1	255	„ S W
SE	21	22	24	20	19	19	17	12	9	6	3	3	4	4	3	1	1	1	3	4	14	18	18	23	269	„ S E
NE	1	1	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	8	4	4	4	3	30	„ N E

FORCE OF THE WIND—SEPTEMBER 1857

	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	
1	0·07	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·01	0·03	0·08	0·06	0·01	
2	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	.00	·00	·07	·08	·10	·11	·06	·05	·10	·08	·03	
3	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·08	·07	·04	·00	·02	·07	·08	·06	·02	
4	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·04	·02	·02	·00	·03	·06	·05	·10	·01	
5	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·05	·00	·08	·02	·06	·03	·01	
6	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·04	·10	·07	·03	·01	·08	0·3	·05	·02	
7	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·12	·09	·12	·10	·14	·16	·12	·00	·04	
8	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·04	·06	·12	·25	·20	·22	·23	·26	·15	·10	·07	
9	·02	·00	·00	·00	·00	·00	.00	·00	·00	·03	·00	·08	·03	.02	·02	·00	·06	·15	·16	·22	·25	·28	·17	·02	·06	
10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
11	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·14	·12	·05	·07	·08	·03	·00	·02	
12	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	.15	·17	·16	·12	·13	·14	·00	·00	·04	
13	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·02	·03	·00	·02	·03	·00	·00	·00	·10	·13	·15	·13	·04	·00	·03	
14	·00	·00	·00	·10	·00	·00	·02	·15	·00	·08	·12	·03	·00	·00	·00	·00	·10	·13	·15	·17	·15	·00	·00	·00	·05	
15	·00	·00	·00	·00	·00	·00	·00	·10	·12	·14	·03	·08	·05	·02	·00	·00	·03	·10	·15	·18	·02	·00	·00	·00	·04	
16	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·12	·15	·18	·25	·28	·14	·05	
17	·08	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·10	·13	·25	·22	·18	·65	·40	·25	·10	
18	·08	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·15	·03	·00	·00	·10	·65	·45	·37	·25	·20	·17	·15	·11	
19	·07	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·12	·11	·10	·12	·05	·04	·04	·03	
20	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·00	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	
21	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
22	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·00	·01	·00	·00	·00	·00	·00	·00	·00	
23	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
24	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·10	·13	·14	·00	·00	·00	·00	·00	·02	
25	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·06	·03	·08	·00	·00	·00	·00	·00	·01	
26	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·18	·15	·13	·03	·04	·08	·06	·05	·03	
27	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·06	·12	·14	·08	·12	·13	·15	·14	·15	·03	·02	·00	·00	·00	·05	
28	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·00	·03	·05	·12	·15	·17	·18	·15	·13	·00	·00	·00	·05	
29	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·13	·15	·18	·08	·00	·00	·00	·00	·02	
30	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·04	·08	·00	·00	·00	·03	·00	·01	
31																										
Means	0·01	·00	·00	·00	·00	·00	·00	·01	·00	·01	·01	·02	·01	·01	·01	·02	·07	·10	·11	·08	·08	·09	·06	·04	0·03	

The force is given in pounds and decimals of a pound on one square foot.
The entry ·00 denotes calms or pressures too small to overcome the inertia of the instrument.

DIRECTION AND FORCE OF THE WIND

DIRECTION OF THE WIND—OCTOBER 1857

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction
Madras Mean Time	h.m. 4.41	h.m. 5.41	h.m. 6.41	h.m. 7.41	h.m. 8.41	h.m. 9.41	h.m. 10.41	h.m. 11.41	h.m. 12.41	h.m. 13.41	h.m. 14.41	h.m. 15.41	h.m. 16.41	h.m. 17.41	h.m. 18.41	h.m. 19.41	h.m. 20.41	h.m. 21.41	h.m. 22.41	h.m. 23.41	h.m. 0.41	h.m. 1.41	h.m. 2.41	h.m. 3.41		
	parts	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	o	
1	9	10	10	10	11	17	17	17	17	17	17	18	27	19	19	19	28	28	1	1	0	7	6	5	110	E S E
2	5	6	6	12	12	12	12	12	4	26	25	24	24	24	24	24	24	28	3	5	10	10	8	9	29	NE by N
3	10	11	13	13	13	22	22	22	22	22	22	22	22	22	22	27	27	28	28	26	22	7	11	11	219	S W by S
4	14	13	13	13	14	14	21	21	21	21	23	22	24	24	24	24	28	28	27	26	8	16	13	13	217	S W by S
5	11	10	11	11	11	11	11	11	11	19	19	20	20	20	20	26	26	27	28	28	29	7	9	10	101	E by S
6	29	14	13	13	13	13	13	13	13	13	13	13	13	13	13	27	27	28	30	8	12	12	12	11	103	E by S
7	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	0	27	15	12	11	10	10	9	8	103	E by S
8	9	9	9	10	10	10	10	10	10	10	10	10	10	6	6	6	10	8	9	11	11	10	9	10	105	E by S
9	10	10	10	10	10	10	10	10	10	10	10	10	10	7	7	28	29	5	8	7	7	7	7	8	87	E
10	5	7	7	6	6	6	6	6	6	6	6	6	6	5	4	0	2	5	5	5	7	7	7	7	62	E N E
11	6	6	6	5	5	4	2	2	4	3	3	3	3	31	0	19	20	26	27	25	29	31	30	30	0	N
12	1	1	1	1	31	30	30	30	30	30	30	31	4	4	5	5	4	3	2	3	4	5	5	6	19	N N E
13	6	6	9	9	9	9	8	12	12	12	12	12	12	13	18	18	21	30	20	16	9	8	8	7	124	S E by E
14	6	3	3	3	2	7	7	7	9	9	21	27	29	29	29	30	30	3	31	31	29	29	29	28	15	N by E
15	0	4	4	4	4	4	4	4	4	21	28	29	29	29	29	29	3	4	4	31	8	8	6	8	25	N N E
16	7	7	7	7	7	7	7	8	8	8	8	8	8	8	0	0	0	0	20	20	19	8	11	8	90	E
17	8	8	8	8	8	8	8	8	8	8	8	8	4	4	4	28	27	18	14	12	12	10	11	11	88	E
18	9	9	10	10	10	10	10	10	12	18	18	18	18	18	18	28	28	28	29	30	8	9	9	8	101	E by S
19	8	8	8	8	8	4	4	8	8	4	4	4	4	5	5	0	30	30	9	8	9	8	8	8	64	E N E
20	5	5	5	5	5	4	4	4	4	4	4	4	1	28	28	29	30	30	5	30	4	4	4	5	28	NE by N
21	4	4	4	4	4	30	12	8	8	28	28	30	0	1	2	1	3	3	4	4	4	4	5	5	34	NE by N
22	4	4	4	5	5	6	5	6	6	8	9	8	12	13	20	28	27	28	31	30	0	0	0	0	31	NE by N
23	1	1	1	0	31	31	30	30	29	31	30	29	29	28	28	26	28	28	31	29	30	0	30	31	338	N N W
24	30	30	28	28	28	28	28	28	28	29	28	28	28	29	29	28	26	28	27	28	30	31	31	31	322	NW by N
25	28	28	28	31	0	0	3	2	1	1	0	30	31	31	31	31	0	0	31	0	0	31	30	31	352	N by W
26	31	30	29	29	29	29	29	29	29	29	29	29	28	28	28	28	28	29	29	29	29	29	29	28	325	NW by N
27	30	30	30	28	28	Board Stopped				—	—	—	—	—	30	30	30	B. S.			—	—	—	—	?	—
28	3	3	3	3	3	3	3	0	0	0	0	0	0	31	30	30	Board Stopped				—	—	1	1	?	—
29	0	1	1	1	1	1	1	1	29	28	28	28	28	28	28	27	25	26	28	29	29	30	1	1	337	N N W
30	0	31	31	24	24	23	23	29	27	25	23	24	24	22	22	25	25	22	24	27	26	25	25	26	285	W by N
31	25	25	26	23	22	22	23	22	24	23	23	22	22	23	24	25	28	27	29	27	27	27	27	28	282	W by N
Hourly Means	o 48 NE	o 54 NEbE	o 53 NEbE	o 54 NEbE	o 53 NEbE	o 48 NE	o 92 E	o 82 EbN	o 45 NE	o 177 S	o 87 E	o 30 NEbN	o 84 EbN	o 25 NE	o 51 NEbE	o 316 NW	o 312 NW	o 330 NWbN	o 348 NbW	o 321 NWbN	o 52 NEbE	o 52 NEbE	o 50 NE	o 47 NE	o 45	NE
No. of Observations with the wind in each quarter NW	6	6	6	5	6	5	4	5	7	8	8	11	11	12	13	21	21	18	16	15	9	8	8	8	237	Obs. N W
SW	0	0	0	1	1	4	5	4	3	7	8	6	4	6	7	3	2	2	2	2	2	1	0	0	70	,, S W
SE	10	11	12	13	13	10	10	12	12	9	8	8	7	5	2	0	1	2	5	5	10	10	12	13	200	,, S E
NE	15	14	13	12	11	11	11	9	8	6	6	5	8	7	9	7	6	8	7	7	8	10	10	9	217	,, N E

FORCE OF THE WIND—OCTOBER 1857

	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	
1	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·04	0·00	0·10	0·02	0·10	0·00	0·00	0·01	
2	·00	·00	·00	·00	·00	·00	·00	·00	·90	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·04	
3	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·08	·13	·05	·03	·00	·00	·00	·01	
4	·00	·00	·00	·00	·00	·00	.00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·02	·03	·02	·00	·00	·00	·00	·00	
5	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·13	·17	·19	·08	·12	·03	·02	·00	·04	
6	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·03	·10	·01	
7	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·08	·03	·01	
8	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·03	·00	·00	
9	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·03	·03	·01	·02	·00	
10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·03	·05	·04	·03	·02	·01	
11	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·05	·01	
12	·05	·08	·03	·01	·00	·00	·00	·00	·00	·00	·00	·00	·18	·10	·00	·00	·00	·00	·00	·00	·08	·12	·10	·05	·03	
13	·05	·02	·10	·18	·05	·07	·00	·03	·00	·00	·00	·00	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	
14	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·00	·00	·00	·00	
15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
16	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
17	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
18	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
19	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
20	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
21	·03	·01	·00	·00	·00	·03	·90	·00	·00	·00	·00	·00	·00	·00	·00	·25	·20	·22	·25	·30	·28	·26	·45	·60	·16	
22	·85	·10	·15	·40	·35	·15	·00	·00	·00	·00	·00	·00	·17	·00	·00	·00	·00	·00	·10	·15	·18	·25	·28	·30	·14	
23	·20	·15	·10	·08	·07	·10	·05	·03	·02	·01	·05	·03	·04	·02	·05	·00	·00	·00	·00	·00	·06	·12	·02	·00	·05	
24	·15	·30	·00	·00	·00	·02	·01	·00	·00	·28	·20	·24	·22	·25	·22	·17	·15	·70	·80	·00	·00	·00	·00	·00	·15	
25	·00	·15	·06	·20	·25	·00	·35	·32	·25	·26	·00	·00	·00	·00	·00	·00	·00	·03	·45	1·85	1·35	1·15	·65	·80	·34	
26	·25	·10	·03	·05	·10	·12	·08	·13	·08	·15	·13	·18	·05	·10	·08	·10	·25	·75	·95	0·80	0·85	0·55	·43	·30	·28	
27	·00	·00	·00	·00	·00	Board Stopped				—	—	—	—	—	·00	·00	·00	·00	·00	B.	S.	—	—	—	—	
28	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	Board Stopped				—	—	·00	·00	—	
29	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	00	·00	·00	·00	·00	·00	·10	·20	·24	·30	·10	·00	·04	
30	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
31	·02	·03	·00	·00	·00	·00	·00	·00	·00	·00	·05	·00	·00	·00	·00	·10	·15	·12	·18	·20	·17	·13	·12	·28	·06	
Means	0·06	·03	·02	·03	·03	·02	·05	·02	·04	·02	·01	·02	·02	·02	·01	·02	·03	·07	·11	·13	·12	·11	·08	·09	0·05	

The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome the inertia of the instrument.

DIRECTION AND FORCE OF THE WIND

DIRECTION OF THE WIND—NOVEMBER 1857

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction
Madras Mean Time	h.m. 4.41	h.m. 5.41	h.m. 6.41	h.m. 7.41	h.m. 8.41	h.m. 9.41	h.m. 10.41	h.m. 11.41	h.m. 12.41	h.m. 13.41	h.m. 14.41	h.m. 15.41	h.m. 16.41	h.m. 17.41	h.m. 18.41	h.m. 19.41	h.m. 20.41	h.m. 21.41	h.m. 22.41	h.m. 23.41	h.m. 0.41	h.m. 1.41	h.m. 2.41	h.m. 3.41		
	parts	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	o	
1	28	28	28	28	27	26	25	25	27	24	23	23	22	23	21	22	23	22	23	23	22	22	22	21	271	W
2	21	21	21	21	21	21	21	21	21	21	21	22	22	22	22	22	22	18	12	20	20	20	19	19	230	S W
3	16	15	15	14	14	14	14	14	14	15	15	15	15	15	15	20	20	18	20	12	15	14	14	13	172	S by E
4	13	13	13	13	13	13	13	13	13	13	13	13	20	15	15	16	16	14	14	12	12	12	12	12	153	S S E
5	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	12	10	9	9	9	11	10	10	10	134	S E
6	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	27	15	15	14	9	11	10	12	12	143	S E by S
7	14	10	10	11	11	11	11	11	11	11	11	11	10	10	10	4	4	10	10	8	5	5	5	5	103	E by S
8	6	6	6	6	6	6	6	6	6	6	4	4	4	4	3	30	4	5	6	6	5	4	3	3	53	N E by E
9	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	7	7	7	6	7	6	6	6	5	56	N E by E
10	5	5	5	Board Stopped				—	—	—	—	—	—	—	—	—	3	4	5	5	4	4	4	4	?	—
11	5	5	6	6	6	6	6	7	7	7	7	6	6	6	6	5	5	5	5	5	5	5	5	5	64	E N E
12	4	3	4	4	4	4	4	4	4	4	4	4	4	4	4	0	2	4	5	6	6	5	5	5	45	N E
13	5	4	4	4	5	5	4	4	4	5	6	4	4	30	30	30	2	6	6	6	6	6	5	5	44	N E
14	5	5	5	5	5	5	5	4	4	4	3	1	1	1	0	2	2	4	4	5	5	5	5	4	42	N E
15	4	2	2	2	2	2	2	2	0	3	31	0	0	0	31	28	29	28	28	31	30	30	2	3	2	N
16	11	10	11	6	6	31	0	12	12	19	28	28	28	3	5	5	5	4	4	4	4	4	4	4	56	N E by E
17	4	4	4	4	3	3	4	4	4	4	3	3	3	2	1	31	31	0	1	1	2	2	2	2	27	N N E
18	3	2	2	2	2	2	2	2	2	1	0	0	0	0	0	1	0	1	1	2	3	3	3	3	17	N N E
19	2	2	2	2	2	1	1	29	29	0	30	31	0	31	30	30	31	31	0	0	2	1	1	1	0	N
20	2	2	2	2	2	2	2	2	1	0	31	31	31	31	2	31	1	0	0	2	2	2	2	2	12	N by E
21	1	1	1	1	2	1	2	2	0	31	31	31	31	31	31	31	0	31	1	0	1	0	1	0	3	N
22	1	2	1	1	31	0	31	0	31	31	31	31	31	31	31	31	31	31	31	1	0	1	2	3	0	N
23	4	4	4	4	4	4	4	3	3	3	3	3	0	2	0	2	0	3	4	4	4	4	4	4	35	N E by N
24	5	5	5	5	5	6	5	5	4	31	31	31	31	31	0	1	4	4	4	4	4	4	4	4	34	N E by N
25	4	4	4	4	4	4	4	4	4	0	30	30	30	30	30	31	1	3	3	3	3	2	4	4	22	N N E
26	3	3	3	3	3	3	3	3	3	28	28	28	28	28	28	27	28	28	3	1	3	3	4	4	4	N
27	5	5	5	5	6	7	7	7	8	8	8	8	8	4	4	29	29	3	4	6	6	6	6	6	59	N E by E
28	5	5	6	7	7	7	7	7	7	5	1	1	1	1	1	0	2	4	4	5	5	6	6	5	49	N E
29	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	31	1	1	4	4	2	4	4	39	N E by N
30	4	4	5	5	5	5	6	7	8	7	5	5	28	29	29	30	2	4	5	5	B. S.		—	—	?	—
31																										
Hourly Means	o 68 ENE	o 64 ENE	o 66 ENE	o 64 ENE	o 64 ENE	o 49 NE	o 49 NE	o 65 ENE	o 64 ENE	o 72 ENE	o 31 NEbN	o 30 NEbN	o 15 NbE		o 26 NNE	o 24 NNE	o 359 N	o 15 NbE	o 47 NE	o 40 NE	o 41 NE	o 55 NEbE	o 52 NEbE	o 56 NEbE	o 67 ENE	o 45	N E
No. of Observations with the wind in each quarter N W	1	1	1	1	2	2	2	2	3	5	9	8	8	9	8	13	7	5	2	1	1	1	0	0	92	Obs. N W
S W	2	1	1	1	1	1	1	1	1	2	2	2	3	2	2	4	4	3	2	2	2	2	2	2	46	„ S W
S E	5	6	6	5	5	5	5	6	8	6	6	6	5	5	5	1	2	4	5	5	4	4	4	4	117	„ S E
N E	22	22	22	22	21	21	21	20	17	16	12	13	13	13	14	11	17	18	21	22	22	22	23	23	448	„ N E

FORCE OF THE WIND—NOVEMBER 1857

	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	
1	0·30	0·28	0·45	0·50	0·48	0·30	0·32	0·40	1·00	0·70	1·80	2·20	2·35	1·55	0·70	0·90	1·65	0·80	1·25	1·10	0·65	0·50	0·48	0·42	0·88	
2	·05	·00	·00	·00	·00	·04	·10	·08	0·14	·16	0·06	0·08	0·02	0·00	·00	·10	0·08	·00	0·00	0·02	·13	·15	·18	·13	·06	
3	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·06	·00	·00	·00	·00	·08	·12	·11	·02	
4	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·12	·01	
5	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·04	·12	·01	
6	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
7	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
8	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·12	·00	·00	·00	·00	·00	·00	·01	
9	·13	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·12	·14	·15	·13	·10	·12	·13	·15	·05	
10	·08	·00	·00	Board Stopped				—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
11	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·12	·15	·18	·17	·25	·24	·22	·20	·07	
12	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·02	·10	·15	·18	·16	·15	·03	
13	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·18	·00	·02	·15	·22	·15	·04	
14	·12	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·00	·02	·12	·15	·20	·25	·24	·28	·30	·07	
15	·18	·20	·25	·15	·16	·17	·16	·10	·12	·00	·15	·18	·12	·00	·00	·14	·18	·08	·13	·08	·12	·13	·10	·02	·12	
16	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·10	·25	·30	·32	·55	·85	1·15	1·05	·80	·22	
17	·20	·15	·12	·13	·08	·06	·02	·01	·00	·00	·00	·00	·00	·00	·00	·02	·10	·17	·25	·32	·60	0·62	0·45	·30	·15	
18	·20	·10	·00	·12	·15	·10	·08	·07	·05	·08	·00	·00	·00	·00	·00	·02	·10	·13	·15	·18	·80	·70	·30	·00	·14	
19	·35	·22	·15	·12	·05	·03	·08	·03	·00	·02	·13	·12	·13	·10	·15	·22	·18	·20	·17	·30	1·55	1·05	·80	·60	·28	
20	·28	·25	·18	·17	·20	·18	·15	·08	·00	·00	·00	·00	·00	·00	·00	·05	·13	·15	·30	·65	0·70	0·55	·50	·60	·21	
21	·35	·38	·25	·22	·20	·02	·00	·00	·00	·00	·00	·02	·05	·07	·10	·15	·16	·22	·24	·30	·45	1·05	·85	1·20	·26	
22	1·10	·60	·30	·32	·15	·10	·08	·12	·15	·10	·18	·22	·20	·24	·23	·25	·80	1·15	1·25	1·45	1·25	0·80	·75	0·70	·52	
23	0·70	·55	·45	·40	·38	·25	·26	·00	·00	·00	·00	·08	·00	·05	·00	·00	·10	·13	0·15	0·30	0·65	·15	1·35	1·45	·85	·39
24	·35	·25	·10	·06	·08	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·12	·18	·20	·25	0·27	0·30	0·32	·35	·22	
25	·30	·25	·15	·08	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	.00	·08	.18	·22	·24	·25	·12	·00	·00	·08	
26	·25	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·08	·13	·17	·22	·25	·32	·28	·08	
27	·20	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·08	·13	·10	·15	·11	·03	
28	·10	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·05	·07	·08	·13	·17	·18	·03	
29	·17	·12	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·13	·15	·20	·15	·22	·24	·06	
30	·20	·10	·00	·00	·00	.00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·24	·26	B.	S.	—	—	—	
31																										
Means	0·20	·13	·09	·08	·07	·04	·04	·03	·05	·04	·09	·10	·10	·07	·05	·08	·16	·16	·21	·26	·36	·36	·33	·29	0·14	

The force is given in pounds and decimals of a pound on one square foot.
The entry ·00 denotes calms or pressures too small to overcome the inertia of the instrument.

DIRECTION AND FORCE OF THE WIND

DIRECTION OF THE WIND—DECEMBER 1857

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction
Madras Mean Time	h.m. 4.41	h.m. 5.41	h.m. 6.41	h.m. 7.41	h.m. 8.41	h.m. 9.41	h.m. 10.41	h.m. 11.41	h.m. 12.41	h.m. 13.41	h.m. 14.41	h.m. 15.41	h.m. 16.41	h.m. 17.41	h.m. 18.41	h.m. 19.41	h.m. 20.41	h.m. 21.41	h.m. 22.41	h.m. 23.41	h.m. 0.41	h.m. 1.41	h.m. 2.41	h.m. 3.41		
	parts	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	o	
1	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	4	4	4	4	4	4	4	4	44	N E
2	4	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	42	N E
3	4	4	4	4	4	4	4	0	0	0	0	0	0	0	0	0	0	0	4	4	4	4	4	4	24	N NE
4	4	4	4	4	4	5	5	5	5	5	5	5	4	4	7	7	7	6	6	5	5	5	4	4	56	NE by E
5	4	4	5	5	4	4	4	4	5	5	3	3	29	29	2	31	0	4	4	4	4	4	4	4	34	NE by N
6	4	3	3	2	2	2	2	2	2	2	28	30	30	30	30	0	2	2	2	1	1	2	2	3	13	N by E
7	4	4	4	4	3	3	1	28	28	28	28	30	30	30	30	31	31	0	0	0	0	2	2	3	2	N
8	4	4	4	4	4	2	1	31	30	30	30	31	31	31	31	0	0	0	2	3	3	4	4	4	15	N by E
9	2	2	3	4	4	4	4	4	30	30	30	30	30	30	30	31	0	31	0	0	1	2	2	3	9	N by E
10	2	1	1	1	0	30	30	30	30	29	29	29	29	30	31	31	31	31	31	31	30	29	29	30	345	N by W
11	31	31	0	2	3	2	3	4	5	6	7	7	7	8	8	9	7	9	7	6	9	7	8	9	61	NE by E
12	12	11	11	11	11	11	11	11	11	11	11	12	12	5	4	4	4	31	4	4	7	8	7	6	93	E
13	4	3	3	3	2	2	2	2	2	2	2	6	6	6	6	2	2	2	4	6	6	6	6	6	43	N E
14	5	5	5	5	5	5	5	5	5	5	5	5	5	28	28	27	28	28	3	0	4	7	7	7	34	NE by N
15	8	8	8	8	8	8	8	8	8	8	8	7	4	1	1	1	1	1	9	9	9	9	8	7	73	E NE
16	5	5	5	5	6	6	6	6	6	6	6	6	6	24	24	24	24	24	12	2	7	7	9	7	37	NE by N
17	8	6	6	6	6	6	7	7	8	8	9	9	9	9	9	25	24	26	22	20	7	6	5	5	44	N E
18	4	4	4	4	4	4	4	4	4	4	4	4	6	7	7	7	7	2	5	5	4	5	5	4	52	NE by E
19	24	7	6	6	7	8	8	8	4	4	4	4	3	3	3	5	1	31	6	8	8	7	6	6	53	NE by E
20	4	4	4	4	4	4	4	4	4	4	3	3	3	3	3	1	0	2	4	4	4	4	4	4	38	NE by N
21	4	4	3	3	4	4	4	4	4	4	4	5	5	5	5	4	4	5	5	5	4	4	4	4	47	N E
22	4	4	4	4	4	4	4	4	4	4	4	4	4	6	4	4	4	3	5	5	4	4	4	3	46	N E
23	3	3	3	3	3	3	3	3	3	3	3	30	29	29	29	29	0	3	4	4	3	3	3	3	20	N NE
24	5	5	5	5	5	5	6	7	7	8	6	7	5	5	5	5	8	8	8	7	7	7	7	6	70	E NE
25	4	4	3	4	5	4	4	6	5	4	4	4	3	3	3	5	5	5	5	5	5	5	5	5	49	N E
26	6	6	6	5	5	4	4	4	4	4	4	3	3	0	0	1	6	6	5	6	6	6	6	5	49	N E
27	4	4	4	4	4	3	3	2	2	2	2	1	1	1	1	0	0	4	5	4	4	4	4	4	31	NE by N
28	4	4	4	3	3	4	4	4	4	4	4	4	4	4	4	0	4	4	4	4	5	5	5	5	44	N E
29	3	3	3	3	4	4	4	4	4	3	2	2	2	31	0	31	1	2	3	3	4	4	4	4	30	NE by N
30	5	5	5	5	5	5	5	5	5	5	5	4	4	4	4	4	4	4	4	4	4	5	5	5	52	NE by E
31	4	4	4	4	4	5	5	4	4	4	4	4	4	4	4	3	31	5	5	5	5	5	5	5	46	N E
Hourly Means	o 45 NE	o 48 NE	o 48 NE	o 48 NE	o 49 NE	o 48 NE	o 48 NE	o 44 NE	o 41 NE	o 40 NE	o 37 NEbN	o 38 NEbN	o 33 NEbN	o 21 NNE	o 23 NNE	o 15 NbE	o 19 NNE	o 23 NNE	o 44 NE	o 51 NEbE	o 51 NEbE	o 53 NEbE	o 52 NEbE	o 51 NEbE	o 41	N E

No. of observations with the wind in each quarter	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
N W	2	1	0	0	0	1	1	3	4	4	5	6	7	10	8	9	6	7	1	1	1	1	1	1	80	Obs. N W
S W	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2	„ S W
S E	3	2	2	2	2	3	3	3	3	4	3	2	2	2	2	1	1	2	3	2	3	2	3	1	56	„ S E
N E	26	28	29	29	29	27	27	25	24	23	23	23	22	19	21	21	24	22	26	27	27	28	27	29	606	„ N E

FORCE OF THE WIND—DECEMBER 1857

	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.
1	0·10	0·09	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·13	0·17	0·25	0·40	0·35	0·42	0·35	0·33	0·11
2	·15	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·15	·18	·20	·22	·25	·26	·07
3	·25	·18	·08	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·13	·15	·20	·22	·25	·18	·07
4	·20	·07	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·08	·15	·10	·10	·14	·15	·20	·25	·06
5	·25	·15	·12	·10	·08	·15	·05	·02	·12	·02	·00	·00	·00	·02	·00	·00	·10	·12	·25	·32	·75	·65	·45	·30	·17
6	·20	·17	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·12	·14	·16	·20	·22	·20	·17	·15	·08
7	·10	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·10	·15	·18	·20	·17	·15	·18	·17	·06
8	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·10	·08	·12	·15	·35	·40	·60	·85	·70	·15
9	·45	·30	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·40	·70	·82	·85	·88	·82	·75	·25
10	·70	·65	·50	·35	·20	·25	·50	·52	·60	·70	·67	·65	·45	·55	1·20	1·35	·65	·70	·68	·50	·40	·35	·38	·42	·58
11	·20	·35	·17	·10	·08	·07	·00	·00	·08	·00	·10	·12	·10	·15	0·08	0·07	·08	·00	·00	·00	·00	·00	·02	·03	·08
12	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
13	·02	·17	·15	·08	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02
14	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·02	·00	·00
16	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
17	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·12	·00	·00	·06	·08	·10	·12	·02
18	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·06	·08	·10	·00	·00	·01
19	·00	·00	·00	·00	·00	·08	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·00	·03	·07	·04	·02	·01	·01
20	·07	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·00	·15	·20	·25	·28	·32	·20	·06
21	·12	·10	·10	·05	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·10	·15	·18	·20	·25	·28	·27	·30	·09
22	·25	·10	·08	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·13	·10	·15	·16	·14	·05
23	·07	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·12	·35	·25	·20	·35	·60	·47	·10
24	·12	·14	·05	·00	·00	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·10	·30	·22	·23	·25	·28	·22	·08
25	·22	·08	·02	·02	·03	·03	·10	·10	·11	·08	·00	·00	·00	·00	·00	·05	·15	·25	·42	·30	·25	·22	·25	·20	·12
26	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·20	·30	·35	·27	·25	·28	·27	·09
27	·30	·25	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·13	·30	·28	·45	·55	·62	·55	·14
28	·35	·30	·20	·22	·05	·07	·11	·08	·02	·03	·00	·00	·00	·00	·00	·00	·10	·75	·85	·92	1·10	·80	·85	·45	·30
29	·10	·08	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·08	·06	·65	·75	0·72	·82	·40	·32	·17
30	·12	·10	·08	·07	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·07	·15	·17	·20	·25	·22	·25	·07
31	·12	·11	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·14	·13	·15	·12	·13	·13	·12	·05
Means	0·15	·11	·05	·03	·02	·02	·02	·02	·03	·03	·02	·02	·02	·02	·04	·06	·07	·13	·21	·23	·26	·27	·27	·23	0·10

The force is given in pounds and decimals of a pound on one square foot.
The entry ·00 denotes calms or pressures too small to overcome the inertia of the instrument.

DEPTH OF RAIN AND EVAPORATION IN INCHES

FALL OF RAIN FOR 1857

	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER	
	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	—	—	—	—	—	—	—	—	—	—	—	—	—	0·060	0·010	—	—	—	0·032	—	0·050	0·021	—	—
2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	·232	—	—	—	·750	—	—	·013	—	—
3	—	—	—	—	—	—	—	—	—	—	—	—	0·006	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	—	—	—	·039	—	—	—	—	—	—	—	·319	—	—	—
5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·006	—
6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·060	—	—	—	—	—	—	·022	—
7	—	—	—	—	—	—	—	—	—	—	—	—	·123	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	—	1·770	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—	—	0·325	·003	—	—	—	—	—	—	0·013	—	—	·102	0·100
11	—	—	—	—	—	—	—	—	—	—	—	—	·570	—	·010	—	—	—	·883	2·508	—	—	·215	·100
12	—	—	—	—	—	—	—	—	—	—	—	—	·010	—	—	·050	0·003	—	·382	0·285	—	—	—	—
13	0·003	—	—	—	—	—	—	—	—	—	—	·220	—	—	·192	—	—	—	·871	·110	—	—	·012	—
14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	·110	0·180	·560	2·513	—	—	—	—
15	—	0·320	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	·046	1·246	2·273	1·932	—	—
16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	·300	·010	·012	0·140	0·880	0·020	—	—
17	—	—	—	—	—	—	—	—	—	—	—	—	·010	—	—	—	·220	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	—	0·100	—	—	—	·130	—	—	—	·018	·004	—	—	—	·380
19	—	—	—	—	—	—	—	—	—	—	·006	·050	—	—	—	—	—	—	·171	·037	·290	·019	·028	·030
20	—	—	—	—	—	—	—	—	—	—	·006	·018	·007	—	·012	—	·022	—	·110	·355	—	—	—	—
21	—	—	—	—	—	—	—	—	—	0·032	·014	·020	·006	—	·040	—	—	—	·890	·065	—	—	—	—
22	—	—	—	—	—	—	—	0·123	—	—	—	—	·199	—	·124	—	—	·080	·523	·050	—	—	—	—
23	—	—	—	—	—	—	—	—	—	—	—	—	—	·030	—	—	—	—	1·755	2·410	·002	·001	—	—
24	—	—	—	—	—	0·099	—	—	—	—	—	—	—	—	—	—	—	—	5·830	12·209	—	—	—	—
25	—	—	—	—	—	—	—	—	—	—	—	·330	—	—	—	—	—	—	1·898	0·915	—	—	—	—
26	—	—	—	—	—	—	—	—	—	—	—	—	·730	·160	—	—	—	—	0·120	·005	—	—	—	—
27	—	—	—	—	—	—	—	—	—	—	·025	—	·172	—	·049	—	·135	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	—	·032	·015	·003	·018	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	—	—	—	—	·025	·070	—	—	·010	·330	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	0·026	—	—	—	·009	·020	·015	—	·150	—	—	—	—	—	—	—
31	—	—	—	—	—	—	—	—	·009	—	—	—	·112	·010	—	—	—	—	—	·010	—	—	—	—
Sums ...	0·003	0·320	—	—	—	0·099	—	0·123	0·035	0·032	1·953	0·978	2·024	0·368	0·814	0·110	0·950	0·600	14·851	22·875	3·814	2·006	0·385	0·610

EVAPORATION FOR 1857

	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER	
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·015	0·192	0·011	0·262	0·018	0·295	0·015	0·313	0·029	0·365	0·033	0·415	0·057	0·398	0·032	0·303	0·033	0·360	0·011	0·315	0·013	0·198	0·006	0·233
2	·013	·173	·017	·260	·014	·335	·015	·301	·030	·329	·066	·387	·044	·300	cov.	·288	·035	·383	·010	·267	·019	·161	·013	·275
3	·013	·218	·005	·262	·010	·308	·023	·282	·028	·303	·067	·393	·036	·390	·045	·325	·044	·386	·013	·277	·025	·183	·010	·234
4	·016	·208	·017	·260	·009	·287	·015	·348	·025	·389	·056	·382	·031	·403	·035	·313	·030	·318	·023	·270	·007	·190	·016	·262
5	·018	·212	·012	·237	·012	·298	·025	·339	·030	·236	·043	·279	·062	·375	·032	·316	·033	·327	·016	·270	·006	·219	·009	·198
6	·015	·237	·018	·273	·010	·300	·030	·362	·025	·413	·037	·243	·110	·388	·037	·340	·036	·335	·016	·303	·005	·245	·012	·288
7	·016	·219	·019	·260	·018	·321	·028	·212	·013	·387	·027	·323	·027	·335	·053	·392	·052	·338	·022	·268	·014	·262	·014	·280
8	·013	·220	·015	·251	·020	·310	·017	·355	·030	·453	·032	·325	·066	·351	·062	·402	·051	·362	·020	·302	·009	·263	·021	·178
9	·023	·225	·007	·248	·023	·321	·015	·332	·129	·462	·032	·265	·034	·375	·097	·463	·060	·332	·019	·312	·021	·228	·005	·272
10	·027	·245	·005	·248	·025	·300	·017	·388	·042	·475	·043	·085	·040	·316	·089	·341	·053	·422	·021	·220	·012	·219	·067	cov.
11	·043	·237	·002	·233	·025	·347	·022	·349	·053	·398	·017	·224	·027	·263	·037	·360	·048	·363	cov.	cov.	·013	·260	·006	·017
12	·030	·235	·006	·266	·027	·336	·025	·383	·042	·456	·020	·310	·033	·285	·055	·340	·027	·387	cov.	·050	·013	·229	·010	·215
13	·022	·229	·006	·269	·024	·380	·024	·383	·056	·439	·041	·198	·079	·345	·012	·343	·067	·273	cov.	·132	·022	·273	·009	·203
14	·013	·207	·004	·279	·023	·359	·031	·418	·080	·433	·022	·070	·064	·317	·062	·350	·023	·118	cov.	cov.	·017	·250	·007	·208
15	·016	·112	·005	·268	·027	·326	·023	·343	·089	·415	·029	·145	·097	·360	·083	·385	·052	·127	·004	·112	cov.	cov.	·003	·205
16	·015	·224	·012	·282	·022	·269	·032	·315	·097	·445	·043	·195	·049	·332	·112	·403	·007	·190	·002	·133	cov.	·193	·003	·208
17	·025	·204	·005	·279	·019	·275	·023	·385	·063	·518	·028	·275	·039	·392	·076	·365	·010	·203	·027	·237	·017	·210	·010	·223
18	·016	·198	·015	·260	·007	·317	·020	·405	·042	·627	·030	·335	·043	·225	·035	·215	·024	·301	·004	·191	·023	·215	·014	·113
19	·021	·205	·013	·262	·005	·340	·013	·370	·183	·558	·025	·340	·035	·260	·067	·373	·018	·308	·003	·125	cov.	·091	cov.	·143
20	·016	·230	·007	·271	·014	·320	·023	·377	·058	·453	·028	·293	·035	·283	·041	·380	·023	·240	·005	·164	·036	·192	·007	·145
21	·014	·277	·005	·310	·004	·325	·018	·388	·061	·198	·012	·360	·032	·158	·055	·347	·037	·338	cov.	·050	·040	·258	·015	·172
22	·021	·268	·003	·280	·013	·317	·020	·257	·040	·395	·030	·185	·030	·375	·003	·303	·031	·181	cov.	·073	·047	·248	·036	·271
23	·015	·240	·004	·305	·022	·305	·023	·286	·067	·469	·047	·398	·036	·232	·053	·359	·033	·312	cov.	cov.	·003	·203	·005	·268
24	·027	·265	·003	·325	·024	·355	·022	·362	·032	·333	·056	·410	·032	·280	·032	·315	·030	·351	cov.	cov.	·013	·332	·030	·288
25	·013	·227	·013	·340	·023	·312	·017	·364	·042	·498	·057	·393	·051	·273	·048	·380	·035	·333	cov.	cov.	·005	·243	·020	·275
26	·018	·235	·010	·258	·022	·337	·023	·370	·072	·548	·030	·370	·018	over	·067	·388	·020	·358	cov.	·140	·003	·240	·005	·269
27	·029	·166	·008	·268	·016	·317	·032	·340	·089	·491	·031	·363	cov.	·087	·040	·373	·017	·282	·018	·138	·006	·222	·010	·218
28	·025	·260	·016	·296	·010	·390	·041	·338	·115	·430	·040	·143	cov.	·122	·050	·424	·020	·312	·007	·172	·004	·213	·043	·234
29	·012	·275	—	—	·013	·350	·027	·338	·103	·294	·032	·493	cov.	·158	·070	·413	·028	·277	·008	·160	·003	·228	·023	·203
30	·009	·251	—	—	·020	·315	·022	·322	·022	·350	·069	·319	·042	·213	·060	·375	·010	·307	·019	·042	·003	·235	·010	·238
31	·010	·233	—	—	·014	·370	—	—	·044	·338	—	—	·030	·172	·042	·378	—	—	·010	·063	—	—	·020	·201
Means ...	·019	·223	·009	·272	·017	·324	·023	·344	·059	·416	·037	·297	·046	·292	·053	·357	·033	·304	·013	·184	·014	·224	·014	·218

TOTAL RAIN IN EACH MONTH

1857	Night In.	Day In.	Total In.
January ...	0·003	0·320	0·323
February ...	...	...	...
March ...	...	0·099	0·099
April ...	...	0·123	0·123
May ...	0·035	0·032	0·067
June ...	1·953	0·978	2·931
July ...	2·024	0·368	2·392
August ...	0·814	0·110	0·924
September ...	0·950	0·600	1·550
October ...	14·851	22·875	37·726
November ...	3·814	2·006	5·820
December ...	0·385	0·610	0·995
Total ...	24·829	28·121	52·950

MEAN DAILY EVAPORATION IN EACH MONTH

1857	Night In.	Day In.	Total. In.
January ...	0·019	0·223	0·242
February ...	·009	·272	·281
March ...	·017	·324	·341
April ...	·023	·344	·367
May ...	·059	·416	·475
June ...	·037	·297	·334
July ...	·046	·292	·338
August ...	·053	·357	·410
September ...	·033	·304	·337
October ...	·013	·184	·197
November ...	·014	·224	·238
December ...	·014	·218	·232
Mean ...	0·028	0·288	0·316

c.—Covered the evaporator.

REMARKS ON THE WEATHER FOR THE MONTH OF JANUARY 1857

Date	Göttingen Mean Time **NOON**	Cloudy sky in 8ths	**2**	Cloudy sky in 8ths	**4**	Cloudy sky in 8ths	**6**	Cloudy sky in 8ths	**8**	Cloudy sky in 8ths	**10**	Cloudy sky in 8ths
1	cu, cu-st	4	fl-cu	2	fl-cu...	2	cu, hz	2	sc-cu, hz	3	cu, cr-hz	4
2	cu, cu-st	3	cu, cu-st, hz ...	5	fl-cu, hz	3	fl-cu, cu-st, hz ...	4	cu, cr-hz	3	cu, cr-hz, D ...	2
3	ny-clear	0	cu, cu-st	1	fl-cu...	2	cu, cu-st, hz ...	4	fl-cu, D ...	3	... ...	...
4	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cu, cr-hz	4
5	fl-cu, cu-st, hz ...	4	sc-cu, hz	2	ovt	8	fl-cu, cr-cu	7	sc-cu, cr-hz ...	2	ny-clear	0
6	cu, cu-st, cr-hz ...	3	fl-cu...	2	fl-cu	1	clear	0	cu-hor	1	fl-cu...	2
7	sc-cu-hor	2	cu, hz	2	sc-cu	2	sc-cu	4	cu, cr-cu ...	3	fl-cu, cu-st, hz ...	3
8	cu-hor	1	ny-clear	0	ny-clear	0	fl-cu, cu-st	4	cu, cr-hz	4	cu, cr-hz	2
9	sc-cu, cu-st... ...	2	cu, cu-st, hz ...	2	cu, cu-st, hz ..	4	cu, hz	4	fl-cu	3	sc-cu	1
10	sc-cu	3	ca, cu-st, hz ...	3	cu, cu-st, hz ...	3	fl-cu, cu-st	3	sc-cu	2	... ...	...
11	... ...	...	... ...	...	... ...	...	... ...	...	.. ..	...	sc-cu, cu-st... ...	4
12	cu, cr, cr-hz ...	4	cu, hz	1	cu, hz	3	cu, hz	2	ny-clear	0	cu, hz	3
13	cu, cr-hz	3	ca, cu-st, hz ...	2	cu, cu-st, hz ...	2	cu, cu-st, cr-cu, hz...	7	cu, cu-st, cr-hz ...	6	cu, cu-st, cr-cu, cr-hz	7
14	cu, cr-hz	1	cr-cu-hor, fl-cu ...	1	fl-cu, hz	2	cu, cr-st, d-hz ..	5	cu, cr-hz	4	cu, cr-hz	2
15	cu, cu-st	1	lt-cu, cr-st, hz ...	1	lt-cu, cr-st, hz ...	1	cu-st, cr-st, hz ...	3	cr-cu, cr-st, cr-hz, cu	4	cr-st, cr-hz... ...	6
16	cu, cr-cu, cr-hz ...	4	fl-cu, hz	3	cu, cu-st, cr-hz ...	6	cu, hz	3	sc-cu, hz	3	sc-cu, hz	3
17	sc-cu	2	fl-cu, hz	3	fl-cu, hz	3	cu, hz	1	cu-hor	1	... ...	...
18	... ...	...	... ...	..	... ...	...	... ...	...	... ...	...	ny-clear, D ...	0
19	sc-cu, cu-st, hz ...	3	fl-cu	2	fl-cu	3	fl-cu	3	ny-clear	0	sc-cu	2
20	fl-cu, cu-st, hz ...	4	fl-cu, hz	4	fl-cu, hz	2	fl-cu, hz ...	2	sc-cu, D	1	ny-clear, D... ...	0
21	fl-cu, cu-st, hz ...	3	fl-cu, hz	2	fl-cu, hz	1	fl-cu, hz	1	clear, D	0	clear, D	0
22	sc-cu, cu-st... ...	2	sc-cu, cu-st... ...	2	sc-cu, cr-st	2	sc-cu, cr-st	3	sc-cu	2	sc-cu	2
23	ny-clear	0	ny-clear	0	ny-clear	0	ny-clear	0	ny-clear	0	ny-clear	0
24	sc-cu	2	ny-clear	0	cu, hz	3	fl-cu, hz	3	sc-cu, D	1	... ...	...
25	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cu, cu-st, hz ...	5
26	fl-cu, cu-st, cr-cu ...	2	cu, hz	1	cu, hz	2	cu, hz	5	cu, cr-cu	6	ovt	8
27	sc-cu, cu-st... ...	4	cu, cr-st, hz ...	4	cu, cr-cu, hz ...	4	cu, cr-cu, hz ...	3	ovt	8	ovt	8
28	fl-cu, cu-st, cr-hz ...	6	cu, cr-cu, cr-st, hz...	4	cu, hz ...	2	cu, hz	2	ny-clear	0	cu, cr-hz	3
29	cu, cr-hz	5	fl-cu, cu-st, hz ...	4	cu, cu-st, hz ...	3	cu, cu-st, hz ...	3	cr, cr-hz	2	cr, cr-hz	2
30	cr, cr-st, hz ...	1	lt-cu, hz	1	cu, cu-st, hz ...	1	ny-clear	0	clear	0	clear	0

REMARKS ON THE WEATHER FOR THE MONTH OF FEBRUARY 1857

Jany 31	ny-clear	0	ny-clear	0	ny-clear	0	ny-clear	0	ny-clear	0	... ...	...
1	... ...	...	... ...	...	... ...	...	... ...	..	... ...	...	clear, D	0
2	cr-hz, cr	1	cu, hz	1	clear	0	ny-clear	0	clear, D	0	sc-cu, cr-hz... ...	3
3	clear	0	ny-clear	0	clear	0	clear, D	0	clear, fg	0	clear, fg	0
4	clear	0	clear	0	clear, D	0	clear, D	0	clear, D	0	clear, D	0
5	cr, cr-hz	6	cr, cr-st, cr-hz ...	4	cr, cr-st, cr-hz ...	5	cr, cr-st, cr-hz ...	4	cu, cr-st, cr-hz, D ...	4	cu, cr-cu, cr-hz, D..	3
6	cr, cr-st	2	ny-clear	0	cu, cr-cu	2	cu, cu-st, cr-cu, hz ..	7	fl-cu, cu-st, cr-hz ...	5	fl-cu	3
7	ny-clear	0	ny-clear	0	cr-st, hz	1	clear, D	0	cr, cr-hz, D... ...	2	... .	...
8	... ...	...	... ...	...	... ...	...	... ...	...	... .	...	clear	0
9	clear	0	clear	0	clear, D	0	clear, D	0	ny-clear, D... ...	0	clear, D	0
10	cu, cu-st, cr ...	2	cu, hz	2	cu, hz	3	cu, hz	1	ny-clear, D... ...	0	ny-clear, D	0
11	clear	0	clear	0	hz	1	fl-cu, hz, D	3	ny-clear, D... ...	0	ny-clear, D... ..	0
12	clear	0	ny-clear	0	ny-clear	0	clear, D	0	ny-clear	0	ny-clear	0
13	clear	0	clear	0	clear	0	clear	0	clear	0	clear	0
14	clear	0	clear	0	clear	0	clear	0	clear	0	... ...	...
15	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	clear	0
16	clear	0	clear	0	clear	0	clear	0	clear	0	cu, cr-cu	2
17	clear	0	clear	0	cu, cr	1	cu, hz	1	cu	2	sc-cu	2
18	cu, cu-st	3	cu, hz	1	fl-cu, hz	2	fl-cu, hz	2	sc-cu	3	sc-cu, cr-st	3
19	clear	0	clear	0	clear	0	cu, hz	1	uy-clear	0	ny-clear	0
20	clear	0	ny-clear	0	clear	0	cu, hz	1	ny-clear	0	uy-clear	0
21	clear	0	ny-clear	0	ny-clear	0	clear	0	clear, fg	0	... ...	...
22	... ...	...	.. ..	...	... ...	...	.. ..	...	.. ..	...	clear	0
23	clear	0	clear	0	clear	0	clear, fg	0	clear, fg	0	clear, fg	0
24	clear	0	ny-clear	0	ny-clear	0	clear	0	clear	0	clear	0
25	clear	0	ny-clear	0	ny-clear	0	ny-clear	0	clear	0	clear	0
26	clear	0	clear	0	hz	1	ny-clear	0	clear	0	clear	0
27	clear	0	hz	1	hz	1	clear	0	clear	0	clear	0

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE

ard....around
cld....clouds or cloudy
cr or ci.cirri or cirro or cirrous
cu ....cumuli or cumulo
D.....dew
d.....dense
dis...distant
dt.....detached
E.....east
fg.....fog
fk.....forked
fl .....flying
fr .....frequent
g .....ground
hy.....heavy
hl.....halo
hor....horizon
hz ....haze or hazy
ld.....lond
lg.....lightning
lt.....light
mt.....meteor
N .....north
nim ...nimbi
ny.....nearly
ov.....overhead
ovt....overcast
ps.....peals
pt.....part or partly or partial
R.....rain
r-b ....rain-bow
S.....south
sc .....scattered
sh.....sheet
st .....stratus
th.....thunder
thi....thick
v .....very
viv....vivid
W .....west

REMARKS ON THE WEATHER FOR THE MONTH OF JANUARY 1857

Date	12	Cloudy sky in 8ths	14	Cloudy sky in 8ths	16	Cloudy sky in 8ths	18	Cloudy sky in 8ths	20	Cloudy sky in 8ths	22	Cloudy sky in 8ths	Thermometers: Radiation Sol.	Radiation Ter.	Air Max.	Air Min.
1	cu, cr-hz ...	4	cu, cr-cu, cr ...	5	cu, cr-cu, cr ...	7	cu, cr-cu, cr ...	7	cu, cr-cu, cr ...	6	cu, cu-st, cr, nim..	5	130·5	69·4	80·7	74·1
2	fl-cu, D ...	1	fl-cu	2	cu	2	cu...	5	sc-cu	4	sc-cu	3	130·7	65·6	81·0	69·4
3	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	130·3	63·4	81·1	70·0
4	fl-cu, D ...	2	cu, cr-hz ...	2	cu, cr	2	fl-cu, cu-st ...	3	sc-cu, cu-st ...	3	sc-cu, cu-st ...	4	137·1	65·1	81·4	71·1
5	fl-cu, cr-hz ...	3	cu, cu-st, cr-hz,cr-	4	fl-cu, cu-st ...	6	cu, cu-st	4	cu, cu-st	3	cu, cu-st, cr-hz ...	4	127·9	66·4	80·1	71·3
6	ny-clear ...	0	clear ... [cu	0	clear	0	cu-hor	1	cu-hor	1	sc-cu	1	136·2	63·1	80·2	68·1
7	fl-cu, cu-st, hz ...	3	cu, cu-st, cr-hz..	3	ny-clear	0	lt-cu, cu-st ...	4	cu, cu-st, hz ...	2	cu-hor	2	140·1	67·6	81·0	70·1
8	cu, cr-cu ...	3	cu, cu-st ...	3	ny-ovt	7	fl-cu, cu-st ...	4	cu, cu-st, cr ...	3	sc-cu, cu-st ...	3	133·5	67·7	80·9	70·2
9	sc-cu	2	sc-cu	1	fl-cu, cu-st ...	4	fl-cu, cu-st ...	4	fl-cu, cu-st ...	5	cu, cu-st, hz	3	130·4	65·8	81·0	70·7
10	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	122·9	71·6	81·6	74·1
11	fl-cu, cu-st ...	4	sc-cu, cu-st ...	2	sc-cu	1	sc-cu, cr	3	fl-cu, cr-hz ...	6	fl-cu, cr-hz ...	5	124·0	68·3	82·0	74·6
12	cu-hor	2	ny-clear ...	0	cr-cu	1	cu...	3	cu, hz	3	cu, cu-st, hz ...	4	131·0	63·6	81·2	68·1
13	fl-cu, cu-st, cr-hz, nim ...	8	cu, cu-st, cr-cu, hz, nim-	6	cu,cu-st,cr-cu,cr-hz	4	cu,cu-st,cr-cu,cr-hz	3	cu, cr-st cr-hz ...	3	cu, cr-hz	2	131·5	69·9	80·8	74·0
14	fl-cu, cr-hz ...	3	cu, cr-cu, cr-hz.	4	cu, cr, cr-hz ...	3	fl-cu, cu-st, cr-hz .	4	fl-cu, cu-st, cr-hz..	5	cu, cu-st	3	129·9	63·8	80·6	69·2
15	fl-cu, cu-st ...	3	fl-cu, nim ...	7	ovt	8	ovt	8	fl-cu, cu-st, cr-hz..	6	cu, cr-cu, cr-hz ...	3	125·7	68·5	79·9	71·4
16	cu-hz, D ...	2	cu-E-hor ...	2	fl-cu	2	sc-cu, cu-st ...	3	sc-cu, cu-st ...	3	sc-cu	2	139·1	66·6	79·8	68·6
17	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	136·7	60·1	81·1	66·2
18	clear, D ...	0	ny-clear ...	0	clear	0	cu, cr	1	sc-cu	2	sc-cu, cu-st ...	3	141·5	58·8	80·0	66·5
19	sc-cu, D ...	2	sc-cu	1	ny-clear	0	fl-cu, cu-st ...	4	fl-cu, cu-st ...	3	sc-cu, cu-st ...	3	128·7	62 5	80·0	67·5
20	ny-clear, D ...	0	clear	0	clear	0	fl-cu, cu-st ...	3	fl-cu, cu-st ...	4	fl-cu, cu-st ...	3	133·8	59·3	79·6	65·8
21	clear, D ...	0	clear D ...	0	clear	0	cu	2	cu, cu-st, hz ...	3	sc-cu	2	132·5	62·5	78·7	64·9
22	ny-clear, D ...	0	cu, cr, cr-hz ...	3	ny-clear	0	sc-cu, cu-st ...	2	sc-cu, cu-st ...	2	sc-cu	1	138·4	58·4	79·5	64·8
23	sc-cu, D ...	1	cu, cu-st, D ...	2	cu, cr-cu	2	fl-cu, cu-st ...	4	sc-cu	2	sc-cu	2	136·3	55·4	78·6	63·7
24	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	140·0	59·9	78·3	65·0
25	cu, cu-st, D ...	3	cu, cr-cu, hz ...	3	cr-cu, cr-hz ...	1	fl-cu, cu-st ...	3	fl-cu, cu-st ...	3	fl-cu, cu-st ...	2	137·3	68·0	80·7	69·2
26	ovt	8	cu, cr-cu ...	8	cu, cr-cu	8	sc-cu, cu-st ...	3	sc-cu, cr-st ...	3	sc-cu, cu-st ...	2	135·7	70·5	81·1	73·2
27	cu, cr-hz ...	6	fl-cu, cr-hz ...	6	fl-cu, cr-hz ...	7	ovt	8	ny-ovt	7	fl-cu, cu-st, cr-hz..	6	119·5	70·5	81·5	73·5
28	cu, cu-st, hz ...	4	fl-cu, hz ...	4	fl-cu, cu-st ...	4	hy-cu, cr-cu ...	7	hy-cu, cr-cu ...	7	cu, cr-hz... ...	5	129·5	68·0	82·5	71·4
29	sc-cu, cr-hz ...	2	cu, cr, cr-hz ...	2	fl-cu, cu-st, cr-hz..	4	fl-cu, cu-st, cr-hz .	3	sc-cu, cu-st ...	3	ny-clear	0	127·6	64·0	82·5	70·8
30	cr-cu, cr-st, D...	1	cu, hz	3	fl-cu, cu-st, hz ...	4	fl-cu, cu-st ...	4	sc-cu	1	cu, hz	2	125·3	62·5	82·4	71·1

REMARKS ON THE WEATHER FOR THE MONTH OF FEBRUARY 1857

31	... ...		... ...		... ...		... ...		... ...		... ...		127·8	63·0	81·7	70·9
1	clear, D ...	0	clear	0	cr-st, cr-hz ..	1	ny-clear	0	clear	0	clear	0	138·3	66·0	81·6	68·0
2	ny-clear, fg ...	0	ny-clear ...	0	clear	0	ny-clear	0	clear	0	clear	0	138·5	67·0	83 5	69·1
3	clear, fg ...	0	ny-clear ...	0	ny-clear	0	clear	0	clear	0	clear	0	130·5	64·0	81·8	66·4
4	clear, D ...	0	ny-clear ...	0	ny-clear	0	cu, cu-st	2	cr, cr-hz	2	cr-st, cr-hz ...	3	123·5	58·3	80·8	65·3
5	cr, cr-hz, D ...	1	cr-cu,cr-st,cr-hz	4	cr, cr-hz, cu ...	6	cr, cr-hz, cu ...	5	cr-st, cr-hz ...	4	cr-st, cr-hz ...	4	138·5	57·2	80·6	66·2
6	fl-cu, cr, hz, D...	4	fl-cu, cr-hz, D...	3	cu-hor	2	cu, cu-st	4	cu, cu-st	2	cu, cu-st	1	139·1	60·0	81·5	68·2
7	... .	..	... ...	...	... ...	...	... .	...	... ...	...	.. ..	...	134·5	58·7	81·9	68·5
8	clear, D ...	0	cu-hor	1	ny-clear	0	sc-cu	1	clear	0	clear	0	134·0	60·0	81·8	68·8
9	clear, D ...	0	cu, hz	2	cu-hor	2	fl-cu	4	sc-cu, cu-st ...	2	cu, cu-st	3	137·2	61·0	81·8	67·9
10	ny-clear, D ...	0	ny-clear ...	0	cu-E-hor... ...	1	fl-cu	1	ny-clear	0	clear	0	133·4	60·5	82·9	69·1
11	clear, D ...	0	clear, g-fg ...	0	fl-cu, d-cr-hz ...	4	ny-clear	0	clear	0	clear	0	133·5	59·7	82·5	68·7
12	ny-clear, g-fg...	0	ny-clear, g-fg...	0	sc-cu	3	fl-cu	3	cu-hor	2	cu-hor	1	130·2	61·0	84·4	69·6
13	clear	0	clear, fg ...	0	ny-clear	0	sc-cu	3	sc-cu	2	cu-hor	2	130·7	61·2	84·5	69·6
14	.. ..	...	... ...	...	... ...	...	.. ..	...	.. ..	...	... ...	...	127·3	60·2	83·8	69·3
15	clear	0	cu, hz	2	ny-clear	0	sc-cu	2	clear	0	clear	0	122·8	62·0	83·8	70·2
16	cu, cr-st, ...	2	sc-cu	2	ny-clear	0	sc-cu	2	cu-hor	2	ny-clear	0	133·2	62·0	83·6	70·5
17	ny-clear ...	0	ny-clear ...	0	sc-cu	1	ny-clear	0	cu, cu-st	1	fl-cu, cu-st ...	4	138·2	58·6	82·5	67·7
18	sc-cu	2	sc-cu	3	cu-hor	2	fl-cu	4	cu, cu-st	2	clear	0	138·3	59·0	81·8	68·9
19	ny-clear ...	0	sc-cu	2	cu-hor	1	ny-clear	0	clear	0	clear	0	138·4	57·6	81·8	65·5
20	clear	0	clear, g-fg ...	0	ny-clear	0	clear	0	clear	0	clear	0	143·5	57·0	85·1	66·1
21	... .	...	... ...	...	... ...	...	.. ..	...	... ...	...	... ...	...	136·0	58·0	85·5	65·4
22	clear	0	clear, g-fg ...	0	clear	0	clear	0	ny-clear	0	ny-clear	0	129·3	57·0	84·9	66·2
23	clear, fg ...	0	clear	0	clear	0	clear	0	clear	0	clear	0	131·3	56·0	84·1	64·3
24	clear, fg ...	0	clear	0	clear	0	clear	0	clear	0	clear	0	138·0	57·2	88·6	65·2
25	clear	0	clear	0	clear	0	clear	0	clesr	0	clear	0	142·0	56·8	90·5	64·8
26	cr-st, cr-hz, fg ..	2	ny-clear, fg ...	0	clear	0	clear	0	clear	0	clear	0	122 0	60·3	85·1	70·1
27	clear	0	clear	0	cr-hz	2	cu, hz	4	cu, hz	3	cu, hz	1	122·8	58·0	84·7	68·6

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE

ard...around
cld ...clouds or cloudy
cr or ci. cirri or cirro or cirrous.
cu ...cumuli or cumulo
D ...dew
d ....dense
dis ...distant
dt....detached
E....east
fg ....fog
fk....forked
fl ....flying
fr ...frequent
g.....ground
hy ..heavy
hl ....halo
hor ..horizon
hz ...haze or hazy
ld....loud
lg....lightning
lt ....light
mt...meteor
N ....north
nim..nimbi
ny ..nearly
ov....overhead
ovt...overcast
ps ....peals
pt....part or partly or partial
R ....rain
r-b ...rain-bow
S .....south
sc.....scattered
sh....sheet
st .....stratus
th....thunder
thi ...thick
v.....very
viv ...vivid
W. ...west

REMARKS ON THE WEATHER FOR THE MONTH OF MARCH 1857

Date	Göttingen Mean Time NOON	Cloudy sky in 8ths	2	Cloudy sky in 8ths	4	Cloudy sky in 8ths	6	Cloudy sky in 8ths	8	Cloudy sky in 8ths	10	Cloudy sky in 8ths
Feb. 28	clear	0	clear	0	clear	0	clear	0	clear	0	...	...
1	...	...	...	...	...	...	...	...	...	...	clear	0
2	cr, cr-cu	3	cr, cr-hz	1	clear	0	ny-clear	0	clear	0	clear	0
3	cr, cr-hz	2	cr-hz, cr	1	clear	0	clear	0	clear	0	clear	0
4	ny-clear	0	hz	1	clear	0	ny-clear	0	clear	0	clear	0
5	ny-clear	0	ny-clear	0	ny-clear	0	ny-clear	0	clear	0	fl-cu, cr-hz	3
6	clear	0	cr-st, hz	2	clear	0	ny-clear	0	clear	0	clear	0
7	clear	0	clear	0	clear	0	ny-clear	0	ny-clear	0	...	...
8	...	...	...	...	...	...	...	...	...	...	sc-cu, cr, cr-hz	3
9	sc-cu	2	sc-cu, cr-hz	3	sc-cu, cr-hz	2	cu-hz	2	cr-cu, cu	6	fl-cu, nim	6
10	ny-clear	0	ny-clear	0	ny-clear	0	ny-clear	0	fl-cu, cu-st	5	cu, cr-hz	3
11	cu, cr, cr-hz, nim	6	cu, cu-st, cr-cu, hz	4	cu, cr-cu, hz	6	fl-cu, hz	5	fl-cu, hz	3	cu, cr-hz	2
12	sc-cu, cr-hz	3	cr-st, hz	2	cu, cu-st, hz	3	fl-cu, hz	2	cu, cr-hz	3	cu, cr-hz	3
13	ny-clear	0	ny-clear	0	hz	1	clear	0	ny-clear	0	clear	0
14	ny-clear	0	ny-clear	0	ny-clear	0	clear	0	clear	0	...	...
15	...	...	...	...	...	...	...	...	...	...	ny-clear	0
16	ny-clear	0	ny-clear	0	ny-clear	0	clear	0	ny-clear	0	cr-st, cr-hz, hl	2
17	cu, cr, cr-hz	3	lt-cu, cr-st, hz	2	cr-hz	1	cr-hz, cu	2	cr-st, hz	2	cr-cu, cr-hz	2
18	sc-cu	1	ny-clear	0	clear	0	cu, hz	3	cu-st, hz	1	cu-hor	1
19	ny-clear	0	ny-clear	0	ny-clear	0	uy-clear	0	clear	0	clear	0
20	clear	0	hz	1	hz	1	hz	2	clear	0	clear	0
21	clear	0	hz	2	hz	2	hz	2	hz	2	...	...
22	...	...	...	...	...	...	...	...	...	...	cu, cr-st	2
23	clear	0	lt-cu, hz	1	clear	0	clear	0	clear	0	clear	0
24	ny-clear	0	hz	1	clear	0	clear	0	clear	0	cu, hz	2
25	ny-clear	0	lt-cu, cr-st, hz	1	clear	0	cu, hz	1	ny-clear	0	fl-cu, hz	3
26	fl-cu, cr, cr-hz	4	fl-cu, hz	2	cu, sh-lg-SW-hor	0	cu, cu-st, hz	3	fl-cu, hz	1	fl-cu, hz	2
27	ny-clear	0	clear	0	ny-clear, sh-lg-SW-her.	0	cu, hz, sh-lg-SW-hor	1	cu, cu-st	2	cu, hz	2
28	ny-clear	0	hz	1	hz	1	hz	1	clear	0	...	...
29	...	...	...	...	...	...	...	...	...	...	cu, cr-hz	2
30	ny-clear	0	ny-clear	0	ny-clear	0	ny-clear	0	clear	0	clear	0
31	ny-clear	0	ny-clear	0	ny-clear	0	ny-clear	0	clear	0	clear	0

REMARKS ON THE WEATHER FOR THE MONTH OF APRIL 1857

1	clear	0	cr-st, hz	1	ny-clear	0	clear	0	clear	0	clear	0
2	clear	0	clear	0	ny-clear	0	lt-hz	2	clear	0	clear	0
3	ny-clear	0	ny-clear	0	cr-hz	1	cr-hz	1	cr, cr-hz, cu	1	fl-cu, hz	3
4	cr, cr-hz	1	cr, cr-st, hz	2	cr, cr-st, hz	2	cr-cu, cr-hz, cr-st	7	d-cr-hz	7	...	...
5	...	...	...	...	...	...	...	...	...	...	fl-cu	1
6	cu-hor	1	cu, cr-st	2	cu, cr-cu, cr-st, hz	4	cu, cr-cu, cr-st, hz	3	cr, cr-hz, cu	3	cr, cr-hz, cu	3
7	cu, cu-st, cr-cu, cr-hz	3	cu, cu-st, lg-W	2	cu, cu-st, cr-cu	5	cu, hz	3	cu, cr-cu, cr-hz	3	cu, cr-hz	1
8	cu, cr cu, cr-st	3	cu, cr-cu, cr-st	3	cu, cr-st, hz	3	cu, cr-st, hz	3	sc-cu, hz	2	fl-cu, cu-st	2
9	cu, cu-st	2	cu, cu-st, hz, nim	6	cr-cu, cu, cr-st, hz	3	cu, hz	2	fl-cu, cr-hz	3	cu, cr-cu	2
10	sc-cu, cr-hz	2	cu, cr-st, cr-hz	2	cu, cr-st, cr-hz	2	cu, cr-cu, hz	3	fl-cu	2	cu, cr-cu	4
11	cu, cr-st, hz	2	cu, cr-st	2	cu, cr-st	1	ny-clear	0	ny-clear	0	...	...
12	...	...	...	...	...	...	...	...	...	...	ny-clear	0
13	ny-clear	0	ny-clear	0	clear	0	clear	0	ny-clear	0	sc-cu, cr-hz	3
14	clear	0	clear	0	ny-clear	0	ny-clear	0	cu	2	cu-hor	2
15	clear	0	cu, hz	1	cu, hz, sh-lg-W	1	ny-clear	0	ny-clear	0	cu, cr-hz-hor	2
16	clear	0	cr-hz	1	ny-clear	0	cu,hz,sh-lg-NW-hor	1	cu, cr-hz	2	fl-cu, cr-st	2
17	cu, cr, cr-hz	2	cu, cr, cr-hz	2	ny-clear	0	cu, cr-st, hz	1	ny-clear, lg-N	0	fl-cu, cu-st	4
18	sc-cu, cr	2	cu, cr-hz, lg-W	2	cu, cr-hz	2	cu, cr-hz, lg-W	2	ny-clear	0	...	...
19	...	...	...	...	...	...	...	...	...	...	fl-cu, cr-hz	3
20	cu, cr-st, hor	2	lt-cu, cr-st, cr-hz	2	lt-cu, cr-st, cr-hz	2	cu, hz, lg-W	2	clear	0	ny-clear	0
21	cu-hor	2	ny-clear	0	hz	1	ny-clear	0	cu, cr-hz	3	uy-clear	0
22	cu, cu-st, cr-hz	3	lt-cu-st, cr-hz	2	lt-cu, cr-hz, lg-S W	2	cu, hz, lg-N W	1	ny-clear	0	fl-cu, cr-hz	4
23	cu, cr-st	2	cr-cu, cr-st, hz	2	lt-cu, cr-st, hz	1	lt-cu, cr-st, hz	1	sc-cu	1	cu, cr-hz	2
24	cu, cu-st, cr-cu, cr-hz	6	cu, cu-st, cr-cu, cr-hz	6	cu-st,d-hz,nim,lg-NW	2	cu-st, d-hz	3	cu, cr-hz	2	cu, cr, cr-hz	3
25	cu, cr-st	2	cu, cr-hz	1	cu, cr-hz	2	cu, cr-hz	2	ny-clear	0	...	...
26	...	...	...	...	...	...	...	...	...	...	uy-clear	0
27	cu, cr-st, cr-hz	4	cu, cr-st, hz	3	cu, cr-st, hz	2	cu-st, cr-st, hz	4	cu, cr, cr-hz	4	cu, cr-hz	2
28	cu, cr-st, cr-hz	2	cu, cr-hz	2	cu, cr-hz	2	lt-cu, hz	1	cu, cr-hz	3	cu, cr, cr-hz	3
29	cu, cr-cu cr-st, cr-hz.	4	cu, d-cr-hz	7	cu, d-cr-hz	6	cu, d-cr-hz	6	cr, d-cr-hz	5	ny-ovt, sh-lg-S	7
30	cu, cr-cu, cr-st, d-hz.	5	cu, cr-cu, cr-st, hz	3	cu, cr-cu, cr-st, hz	3	cu, cr-st, hz	2	cu, cr, cr-hz	3	cu, cr-cu, hz	3

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE

ard ..around
cld...clouds or cloudy
cr or ci..cirri or cirroor cirrous
cu....cumuli or cumulo
D ....dew
d .....dense
dis ...distant
dt....detached
E.....east
fg....fog
fk....forked
fl .....flying
fr....frequent
g .....ground
hy ...heavy
hl....halo
hor...horizon
hz ...haze or hazy
ld ....loud
lg ...lightning
lt.....light
mt ...meteor
N. ...north
nim..nimbi
ny....nearly
ov....overhead
ovt....overcast
ps....peals
pt ....part or partly or partial
R. ....rain
r-b...rain-bow
S .....south
sc.....scattered
sh ...sheet
st ....stratus
th....thunder
thi ..thick
v .....very
viv ...vivid
W ....west

REMARKS ON THE WEATHER FOR THE MONTH OF MARCH 1857

Date	12	Cloudy sky in 8ths	14	Cloudy sky in 8ths	16	Cloudy sky in 8ths	18	Cloudy sky in 8ths	20	Cloudy sky in 8ths	22	Cloudy sky in 8ths	Thermometers: Radiation Sol.	Radiation Ter.	Air Max.	Air Min.
28	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	135·5	58·2	85·1	68·5
1	clear	0	cr-st, cr-hz ...	2	cr-st, cr-hz ..	2	ny-clear	0	cr, cr-cu	1	cr, cr-cu	2	141·3	58·3	85·0	67·0
2	clear	0	clear	0	clear	0	clear	0	ny-clear	0	cr, cr-hz	1	132·5	64·5	87·4	71·1
3	clear	0	clear	0	sc-cu, cu-st ...	3	sc-cu, cu-st ...	2	cu-hor	1	ny-clear	0	126·0	65·7	86·1	71·4
4	clear	0	cu, cr	2	cu	2	sc-cu	2	ny-clear	0	ny-clear	0	116·5	65·9	85·8	71·1
5	cu, cr-hz ...	2	cu, cr	1	cu-hor	2	sc-cu	2	ny-clear	0	ny-clear	0	126·5	63·2	85·7	70·4
6	clear	0	clear	0	clear	0	clear	0	clear	0	clear	0	119·0	63·6	87·4	69·1
7	. . ..	..	... ...	...	... ...	...	... ...	...	... ...	.	... ...	...	128·0	65·2	87·3	71·3
8	cu, cu-st, cr-hz..	4	cu, cr-hz ...	4	cu, cr-hz	6	cu, cu-st, hz ...	4	cu, cr, cr-hz ...	3	fl-cu, cr-hz ...	3	117·0	71·5	87·7	77·6
9	fl-cu, cu-st, hz..	4	cu, cr-cu, hz ...	3	cu, cr-cu, cr-hz ...	3	cu, cu-st, cr-hz ...	3	fl-cu, cu-st,cr-hz...	4	cu-hor	2	120·5	71·8	87·6	75·8
10	cu, cr-hz ...	2	cu-hor	2	cu, cu-st, hz ...	3	cu, cu-st, hz ...	3	fl-cu, cu-st, nim ...	4	fl-cu, cu-st, cr-hz..	6	118·5	71·0	88·7	75·3
11	cu, cr-hz	3	cu,cu-st,cr-hz,nim	3	fl-cu, cu-st, hz ...	3	fl-cu, cu-st, hz ...	3	cu-hor	3	sc-cu, cr-hz ...	2	121·5	72·0	87·5	76·1
12	fl-cu,cu-st, cr-hz	3	cu, cr	3	cu, cu-st, hz ..	3	sc-cu	3	cu-hor	2	cu-hor	1	121·0	70·1	87·8	75·1
13	sc-cu	2	ny-clear ...	0	fl-cu, cu-st ...	3	sc-cu	2	sc-cu	2	sc-cu	1	130·0	69·5	85·9	73·5
14	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	125·3	68·6	86·2	71·6
15	sc-cu	2	cr-st	1	cu, cu-st	3	ny-clear	0	ny-clear	0	clear	0	131·5	65·7	85·5	71·2
16	cr, cr-hz ...	2	cr-st, cr-hz ...	5	cr-cu, cr-st, cr-hz..	5	cu, cr-st, cr-hz ...	4	cr, cr-hz, cu ...	4	cu, cr, cr-hz ...	4	131·5	64·5	85·4	70·9
17	cu, cr-st, cr-hz..	3	cu, hz	1	sc-cu, cr-hz ...	4	sc-cu, cu-st, cr-hz.	3	fl-cu, hz	3	sc-cu	2	120·5	66·0	84·4	70·7
18	clear	0	clear	0	cu, hz	1	ny-clear	0	ny-clear	0	ny-clear	0	124·7	65·0	87·5	70·0
19	clear	0	clear	0	clear	0	clear	0	clear	0	clear	0	130·7	63·6	90·3	69·9
20	clear	0	clear	0	clear	0	ny-clear	0	ny-clear	0	clear	0	128·0	64·0	90·8	71·2
21	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... .	...	116·0	67·2	89·5	73·1
22	ny-clear ...	0	ny-clear ...	0	sc-cu	1	ny-clear	0	clear	0	clear	0	139·0	67·4	90·8	73·2
23	clear	0	cu, hz-hor ...	1	cu, cr-cu	2	cu, cr-cu, cr-hz ...	4	cu, cr-cu, cr-hz ...	4	ny-clear	0	134·5	65·7	86·9	71·2
24	cu, cr-hz ...	2	cu, cr-hz, nim...	7	cu, cu-st, cr-hz ...	4	cu, cu-st, cr-hz ...	3	cu-hor	2	ny-clear	0	121·5	73·7	88·0	74·6
25	cu-hor	2	cu-hor	1	sc-cu	2	fl-cu, hz ...	4	cu, cr, cr-hz ...	3	cu, cr, cr-hz ...	3	128·0	73·7	88·4	75·0
26	sc-cu, hz ...	2	cu, nim ...	3	fl-cu,cu-st,hz,nim.	3	fl-cu, cu-st, hz,nim	5	cu-W-hor ...	3	cu-W-hor ...	1	125·3	75·4	90·4	76·6
27	cu, cr-hz ...	2	cu, cr-hz ...	2	cu, cu-st, cr-hz ...	4	fl-cu, nim... ...	4	ny-clear	0	ny-clear	0	125·8	73·9	90·1	75·8
28	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	128·4	74·1	94·3	75·4
29	cu, cr-hz ...	2	ny-clear	0	sc-cu, cu-st, hz ...	3	ny-clear	0	ny-clear	0	ny-clear	0	115·5	71·8	90·6	72·0
30	clear	0	cu, cu-st ...	2	sc-cu, cu-st ...	3	sc-cu, cu-st ...	3	cu-hor	2	cu-hor	1	116·3	73·1	89·6	75·5
31	clear	0	clear	0	cu, cu-st, cr-hz ...	3	ny-clear	0	ny-clear	0	ny-clear	0	122·3	72·3	90·4	73·6

REMARKS ON THE WEATHER FOR THE MONTH OF APRIL 1857

1	clear	0	clear	0	clear	0	clear	0	clear	0	clear	0	118·8	70·9	88·8	72·2
2	clear	0	cr, cr-st, hz ...	2	cu, cr-hz, nim ...	5	fl-cu, cr	3	cu, cu-st, cr-hz ...	3	ny-clear	0	122·7	74·0	89·5	74·3
3	fl-cu, cr ...	2	ny-clear ...	0	fl-cu, nim ...	6	fl-cu, cu-st ...	3	cu, cu-st, cr-hz ...	3	cu, cu-st, cr-hz ...	2	120·5	73·6	89·2	75·0
4	... ...	...	.. ..	...	... ...	...	... ...	...	... ...	...	.. ..	...	129·7	71·4	90·3	74·2
5	fl-cu	2	cu, cr-cu, hz ...	3	fl-cu	3	fl-cu-hor	2	cu-hor	2	cu-hor	1	119·7	74·0	90·7	75·6
6	cu, cr, cr-hz ...	4	cu, cr-cu, hz ...	4	cr, cr-st, cr-hz ...	3	cu, cr-cu, cr, cr-hz	5	cu, cr-cu, cr, cr-hz	3	cu, cr-cu, cr-hz ...	3	124·5	75·2	91·8	77·0
7	cu, cr-hz, lg-S...	2	cu-E-hor ...	2	fl-cu, nim ...	6	cu, nim, th ...	7	cu,cu-st,cr-hz,nim,th	6	cu,cu-st,cr-hz,nim,th	6	127·5	76·0	89·5	77·1
8	fl-cu E... ...	2	cu, cu-st ...	2	sc-cu, cu-st ...	3	sc-cu, cu-st ...	4	sc-cu, cu-st ...	3	cu, cu-st	2	128·7	75·0	94·6	75·4
9	cu-hor	1	ny-clear ...	0	fl-cu, d-cr-hz ...	4	fl-cu	2	cu-hor	1	cu-hor	1	121·0	77·0	91·4	77·9
10	cu, hz	1	cu, cr, cr-st ...	1	fl-cu	3	fl-cu	3	cu-hor	2	cu-hor	2	121·7	73·8	90·7	77·4
11	... .	...	... ...	...	... ...	...	... ...	...	... ...	...	... .	...	120·7	72·8	91·5	76·7
12	cu, cr-hz ...	2	cu, cr-hz ...	1	sc-cu	3	sc-cu	2	uy-clear	0	ny-clear	0	120·5	73·5	91·5	76·1
13	sc-cu,cu-st,cr-hz	3	cu-hor	1	cu...	2	ny-clear	0	ny-clear	0	clear	0	123·5	75·5	94·6	77·2
14	ny-clear ...	0	sc-cu	2	clear	0	clear	0	clear	0	clear	0	126·5	78·1	95·6	80·7
15	cu, cr-hz-hor ...	2	ny-clear ...	0	ny-clear	0	clear	0	clear	0	clear	0	132·5	78·9	99·0	80·5
16	cr-cu, cr-st ...	2	cr-cu, cr-st ...	2	cr-st, cu-st ...	1	ny-clear	0	cr, cr-hz	2	cu, cr, cr-hz ...	4	133·0	80·2	98·1	82·0
17	fl-cu, cu-st, lg-N	2	ny-clear ...	0	cu, cr, cr-hz ...	3	fl-cu, cu-st ...	4	sc-cu	2	sc-cu	2	123·5	80·1	94·7	82·2
18	.. ..	...	... ...	.	... ...	...	... ...	...	... ...	...	... ...	...	115·5	79·1	92·3	80 7
19	cr, cr-hz-hor ...	2	ny-clear ...	0	ny-clear	0	cu, cr	3	cu-hor	2	cu-hor	2	118·7	77·2	92·8	80·0
20	ny-clear ...	0	sc-cu	2	hy-cu, nim ...	4	cu-W	2	cu-hor	2	cu-hor	2	115·5	77·6	92·7	79·3
21	cu, cr, cr-st ...	2	sc-cu, ou-st ...	3	fl-cu ... [SE	3	fl-cu, cu-st [SW,R	2	fl-cu, cu-st ...	3	cu, cu-st, cr-hz ...	3	113·3	75·5	91·8	78·4
22	ny-clear ...	0	cr, cr-hz, cu ...	3	cu, cu-st, hz, nim, th-	6	cu, cu-st, nim, th.	6	cu, cu-st, cr-hz ...	3	cu, cr-st	2	118·5	77 2	89·9	78·1
23	cu, cr, cr-hz ...	2	cr, cr-hz ...	3	cu,cu-st,cr-hz,nim	6	ou, cu-st, cr-hz ..	4	cu, cu-st, cr-hz ...	3	cu, cu-st, cr-hz ...	5	118·9	77·0	91·6	78·0
24	cu, cr-hz ...	2	cu-hor	3	fl-cu, cu-st ...	4	fl-cu, cu-st ...	5	sc-cu	2	sc-cu	2	118·5	76·6	91·2	78·0
25	... ...	...	... .	...	... ...	...	... .	...	... ...	...	... ...	...	119·3	76·1	92·1	78·5
26	cu	1	cu, cr-hz ..	3	fl-cu, hz	4	cu, cr-hz	3	cu, cr-hz	3	cu, cr-st, cr-hz ...	4	119·4	75·5	92·4	78·1
27	cu, cr-hz ...	2	cu, cr	2	fl-cu, nim ...	4	cu, cr-hz	3	cu, cr-hz... ...	3	cu, cr-st, cr-hz ...	3	117·8	76·2	92·4	78·0
28	cu, cr-hz ...	2	cu, cr-hz ...	4	cu, cu-st, cr-hz ...	4	cu, cu-st, cr-hz ...	5	cu, cu-st, cr-hz ...	4	cu, cu-st, cr-hz ...	4	117·7	79·2	92·8	81·6
29	cu, d-cr-hz ...	6	cu, cr, d-cr-hz...	6	fl-cu, cu-st, d-hz...	7	fl-cu, cu-st, d-hz...	6	fl-cu, cu-st, d-hz...	5	cu,cr-cu,cr-st,d-hz	6	119·8	79·3	93·8	80·3
30	cu, cr-hz ...	2	cr-cu, cr-hz ...	5	fl-cu, cr-st, cr-hz .	6	sc-cu, hz	3	cr-st, cr-hz, cu ...	3	cu-st, cr-hz, cu ...	6	115·2	78·2	92·4	79·1

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE.

ard....around
cld....clouds or cloudy
cr or ci. cirri or cirro or cirrous
cu.....cumuli or cumulo
D .....dew
d.....dense
dis...distant
dt....detached
E.....east
fg.....fog
fk.....forked
fl.....flying
fr.....frequent
g.....ground
hy.....heavy
hl.....halo
hor . . horizon
hz....haze or hazy
ld....loud
lg.....lightning
lt.....light
mt....meteor
N.....north
nim..nimbi
ny....nearly
ov....overhead
ovt..overcast
ps.....peals
pt....part or partly or partial
R.....rain
r-b...rain-bow
S.....south
sc....scattered
sh....sheet
st.....stratus
th...thunder
thi...thick
v .....very
viv...vivid
W....west

REMARKS ON THE WEATHER FOR THE MONTH OF MAY 1857

Date	Göttingen Mean Time NOON	Cloudy sky in 8ths	2	Cloudy sky in 8ths	4	Cloudy sky in 8ths	6	Cloudy sky in 8ths	8	Cloudy sky in 8ths	10	Cloudy sky in 8ths
1	cr, cr-st, cr-hz ...	5	cu, cr, cr-st ...	3	cu, cr-hz, lg-W hl ☽.	2	cu, d-hz	7	cu,cr-cu,cr-st,cr-hz..	5	cu, cr-st, hz ...	2
2	cr, cr-st, cr-hz ...	2	lt-cu, cr-st, hz ...	2	lt-cu,cr-st,hz,hl☽,lg-SW	4	cr-st, d-cr-hz, lg-SW	7	cr-st, d-cr-hz ...	7	... ...	...
3	... ...	...	... ...	...	... ...	...	... ...	...	... ...	..	cr, cr-cu, d-cr-hz ...	7
4	cr-st, cr-hz... ...	5	cr, cr-st, hz ...	3	cu, cr-st, d-hz ...	5	cr-cu, cr-hz, cr-st ...	4	fl-cu, cu-st	4	fl-cu...	4
5	cr, cr-st, hz ...	5	cr, cr-st, hz ...	5	cr, cr-st, hz ...	3	cu, cr-st, hz ...	4	cu, cr-st, cr-hz ...	6	fl-cu, cr-hz	5
6	cu, cr, d-cr-hz ...	7	cu, cr, d-cr-hz ...	6	cr-st, hz	2	cr-st, hz	2	cu, cr-st, cr-hz ...	3	cu, cr-st, cr-hz ...	3
7	cr, hz	1	lt-cr-hz, cr	2	cu, cr-st, d-hz, hl ☽..	6	cu, cr-st, d-hz ...	7	cu, cr-st, cr-hz ...	7	cr, d-cr-hz	6
8	cu, cr, cr-hz ...	3	cr, d-cr-hz	6	cu, d-hz, hl ☽ [W	7	cu, cr-cu, d-hz ...	6	cr-cu, cr-st, d-hz ...	6	cu, cr, d-hz... ...	6
9	cu, cr, nim, th ...	6	cu,cu-st,nim,lg-SW..	7	cu,cu-st,hz,lg-W,S,th	7	hy-cu,cu-st,hz,lg-W,th..	8	hy-cu,cu-st,hz,lg,th-SW	7	... ...	...
10	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cr, d-hz	4
11	cu, cr-hz-N... ...	2	hy-cu,cu-st,hz,lg-W,th..	4	cu, cu-st, cr-st,hz,lg-W.	5	cu, cu-st, cr-st, hz...	6	cu, cr-st, cr-hz ...	5	cu, cr-cu, cr-hz ...	6
12	cr, cr-hz	4	cu, cr, cr-hz ...	4	cu, cr-st, hz, lg-W...	3	cu, cu-st, cr-st, hz...	7	cu, cr-st, cr-hz ...	7	cu, cu-st, cr-cu, cr-hz	6
13	cr-cu, cr-hz ...	2	cr, cr-st, lg-W ...	1	cu, cr-st, hz, lg-W...	3	cu, cr-cu, cr-hz ...	5	cr-cu, cr, cr-hz ..	2	ny-clear	0
14	cr, cr-hz	2	cu, cu-st, cr-cu, hz...	3	hy-cu-st, cu, lg-SW..	5	ny-ovt	7	cu, cr-cu, cr-hz ...	5	cu, cr-cu, hz ...	7
15	cr, cr-hz	2	cu, cu-st, cr-st, hz...	3	cu, cr-st, hz, lg-W...	3	cu, hz, lg-W ...	2	cu, cr-cu, cr-st, hz...	5	cr, cr-cu, hz ...	4
16	cr-cu, cr, cr-hz ...	3	cu, cu-st, cr-cu, hz...	5	cu, cu-st, d-hz, lg-W	7	cu, cu-st, hz, sh-lg-W.	5	cu,cu-st,hz,sh-lg-W...	6	... ...	...
17	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	ny-clear	0
18	cu, cu-st	2	cu, hz	2	cr-st...	1	cu, cr-st	1	cr-cu, cr-st, hz ...	2	ny-clear	0
19	cu, cr, cr-hz ...	3	cu, cr-hz, sh-lg-N ...	3	cu, cr-hz	2	cu, cu-st, hz ...	7	cu, cr-cu, cr-st, hz...	4	cu, cr-cu, cr-st, hz...	6
20	cu,cu-st,cr-cu,cr-hz..	6	cu,cr-hz,nim,sh-lg,th-W	5	cu, nim, lg-N ...	7	cu, cu-st, cr-hz, nim.	7	cu, cr-cu, cr-hz ...	6	fl-cu, cr, cr-hz, nim..	7
21	cu, cr-hz, nim ...	7	ovt	8	ovt, sh-lg-W ...	8	ovt	8	ovt ... ...[lg-SE	8	ovt	8
22	ovt	8	cu, cu-st, cr-hz ...	5	cu, cu-st, hz, lg-N...	3	cu, cu-st, cr-st, hz...	4	cu, cu-st, cr-hz, nim,sh-	5	cu, cu-st, cr-hz, nim.	6
23	cu, cu-st, nim ...	5	cu, cr, cr-hz ...	4	cu, cr-hz, sh-lg-S ...	5	cu, cu-st, d-hz ...	5	cu, cr-st, cr-hz ...	3	... ...	...
24	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	ny-clear, th-lg-N ...	0
25	cu, cu-st, hz ...	7	cu, cu-st, d-hz ...	7	cu, cu-st, nim, hz ...	5	cu, cr-hz, sh-lg-N ...	6	cu, cu-st, cr-hz ...	4	fl-cu, nim	6
26	cu, cu-st, cr, nim ...	6	cu, cu-st, nim ...	7	cu, hz	4	cu, hz	5	cu, cr, cr-hz, nim ...	7	ovt	8
27	cu, cu-st, cr-st ...	4	cu, cu-st, hz ...	5	cu, hz	5	cu, hz	3	cu, cr-cu, cr-st, hz...	4	cu, cr-cu, cr-st, hz...	4
28	cu, cr-cu, cr-st, cr-hz	5	cu, cu-st, cr-cu, hz...	6	cu, cu-st, d-hz ...	7	cu, d-hz	7	cu, cr-cu, hz ...	5	cu, cr-hz	2
29	sc-cu-hor	3	cu, cu-st, cr-cu, hz...	3	cu, cu-st, cr-cu, hz...	7	cu, cr-cu, hz ...	4	clear	0	clear	0
30	ovt	8	cu, cr-hz, nim ...	7	ny-ovt, lt-R ...	7	cu, cr-cu, hz ...	5	cu, cu-st, cr-hz, nim	6	... ...	...
31	... ...	...	... ...	...	... ...	...	... ...	...	... ...	..	cu, hz	2

REMARKS ON THE WEATHER FOR THE MONTH OF JUNE 1857

1	fl-cu, cr-hz	6	cu, cr-hz	6	cu, cr-st, hz ...	2	cu, cr-st, hz ...	3	cu, cr-cu, hz ..	5	ny-clear	0
2	cu-hor	2	cu-st, cr	2	lt-cu, cr, lg-SW ...	1	cu-st, cr-st, hz, lg-W	3	cu, cr-hz	3	clear	0
3	ny-clear	0	cu, cr-st-hor ...	1	cu-st, lg-SW ..	1	cu, cu-st, lg-W ...	6	cu, cu-st, hz ..	3	cu, cr-hz ...[S, th	2
4	cu-hor	2	cu, hz	2	cu, hz, sh-lg-W ...	4	cu, cu-st, lg-W ...	7	cu, cr-hz	6	cu,cr-hz, nim, viv-sh-lg-	6
5	fl-cu, nim, cr-hz ...	6	ny-ovt, lg-N ...	7	ny-ovt, lg-W ...	7	ny-ovt	7	ovt,viv-sh-lg-E,S,th.	8	ovt	8
6	fl-cu, d-cr-hz ...	6	cu, cr-hz, nim ...	8	cu, cr-hz, nim, sh-lg-SW	8	cr, d-cr-hz	8	fl-cu, nim	7	... ...	...
7	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cr-st, cr-hz... ...	3
8	cu, cr, d-cr-hz ...	3	cu,cr-st,hz,lg-N,NW.	2	cr-st, cr-hz, lg-NW..	3	cu, cr-st, hz,hl☽ lg-NW	5	cr, cr-hz, sh-lg-N ...	2	cu, cr-st, cr-hz ...	4
9	cu, cr, cr-hz ...	3	cu-st, cr-st, hz, lg-W	2	cu-st, cr-st, hz, lg-W	2	cu, cr-hz, sh-lg-W...	8	cu,cr-st,hz,nim,sh-lg	7	cu, cr-hz, nim, fr-th, lg-	7
10	fl-cr-hz, nim ...	5	cu-st, lt-cu, cr-st, hz	4	cu, hz, lg-W, N ...	2	hy-cu, cu-st, cr-cu, hz,	7	cu, cr-cu, cr-st ...	4	cu, cr-hz ...[N, SE,R	2
11	cr, d-cr-hz	5	cr, d-cr-hz	7	cu, d-cr-hz, lg-SW...	5	cu, cr-hz ...[lg-NW	4	cu, cr-st, cr-hz ...	4	cu, cr-st, cr-hz, hl ☽.	3
12	cu, d-cr-hz	6	cu, d-cr-hz	5	cu, cu-st, hz, sh-lg-S, W	5	cu, nim, lg-SE ...	4	cu, cr-cu, cr-st ...	3	cr-cu, cr-st, hz ...	4
13	fl-cu, d-cr-hz, dis-th..	6	cu, cu-st, nim, sh-lg-SW	7	ny-ovt, lg-W ...	8	cu, cr-hz	7	ny-ovt	7	... ...	...
14	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cu, cr-cu, cr-hz ...	7
15	ovt	8	ny-ovt	8	cu, cu-st, cr-st, hz...	4	ny-ovt	7	cu, hz, sh-lg-S ...	4	cu, cr-cu, cr-hz ...	7
16	cu, cr, d-cr-hz ...	6	cr, cr-hz	3	cu, hz, lg-SW ...	7	cu, d-hz, lg-S ...	6	cu, hz, sh-lg-S ...	4	cu, cr-cu, cr-hz ...	5
17	cu, cr, cr-hz, cr-st...	6	cu, cu-st	8	cu, cu-st, d-hz, lg-W	6	cu, cr-hz, nim ...	6	ovt	8	cu, cu-st, cr-hz ..	5
18	fl-cu, cr, d-cr-hz ...	5	hy-cu-st, nim, R ...	8	ny-ovt	7	ovt	8	cu, cr-hz	3	cu, cr-hz	3
19	fl-cu, nim	6	cu,hy-cu-st,nim,lt-R,th.	8	ovt, lg-S	8	ovt	8	cu, d-cr-hz	4	cu, cr-hz	3
20	fl-cu, cr, cr-hz ...	7	ovt, lg-NE, S ..	8	ovt,th-lg-E,nim, lg-S	8	ny-ovt	7	ovt	8	... ...	...
21	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	ny-ovt	7
22	fl-cu, cr, cr-hz ...	7	cu, cr-st, hz, nim ...	6	cu, hz	6	cu, d-hz	6	ny-ovt	7	ny-ovt	7
23	ny-ovt	7	ovt...	8	cu, cr-hz	4	cu, d-hz	6	ny-ovt	7	ny-ovt	7
24	fl-cu, cr-cu, cr-hz ...	6	cr-cu, cr-hz ...	5	cu, cr-hz	2	cu, cu-st, hz ...	4	cu, cr-hz	3	cu, cr-hz	2
25	hy-cu, cu-st, hz ..	6	cu, cu-st, cr-st, hz...	6	cu, cr-cu, cr-hz ...	3	cu, cr-st, hz ...	1	ny-clear	0	cu, cr-hz	3
26	fl-cu, nim	6	ny-ovt, lg-S ...	7	ny-ovt,sh-lg-SW,lt-R.	7	cu, cr-hz, nim ...	7	ny-ovt	7	cu, cr-cu, cr-hz ...	5
27	fl-cu, cr-hz	5	cu,cr-cu,cr-hz,nim,lt-R.	7	ovt, sh-lg-SW, lt-R..	8	ny-ovt	7	cu, cr-hz	5	... ...	...
28	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cr-cu, cr-st, hz ...	3
29	cu, d-cr-hz	7	ovt	8	ovt	8	cr-cu, cr, cr-st ...	6	cu, cr-cu, hz ...	4	cr-cu, hz	2
30	cu, cu-st, cr-hz ...	3	cu, cr-cu, cr-hz ...	4	cu, hz	6	cr-cu, cr-hz ...	6	ny-ovt	7	cu, cr-st, cr-hz ...	5

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE

ard....around
cld....clouds or cloudy
cr or ci. cirri or cirro or cirrous
cu.....cumuli or cumulo
D.....dew
d.....dense
dis....distant
dt.....detached
E.....east
fg.....fog
fk.....forked
fl.....flying
fr....frequent
g.....ground
hy....heavy
hl....halo
hor...horizon
hz....haze or hazy
ld....lond
lg....lightning
lt....light
mt....meteor
N....north
nim..nimbi
ny...nearly
ov....overhead
ovt...overcast
ps....peals
pt....part or partly or partial
R....rain
r-b...rain-bow
S.....south
sc....scattered
sh....sheet
st.....stratus
th....thunder
thi...thick
v.....very
viv...vivid
W....west

REMARKS ON THE WEATHER FOR THE MONTH OF MAY 1857

Date	12	Cloudy sky in 8ths	14	Cloudy sky in 8ths	16	Cloudy sky in 8ths	18	Cloudy sky in 8ths	20	Cloudy sky in 8ths	22	Cloudy sky in 8ths	Thermometers: Radiation Sol.	Radiation Ter.	Air Max.	Air Min.
1	cu, cr-hz ...	3	cu, cr-cu, hz ...	4	cu, cr, cr-hz ...	3	cu, cr, cr-hz ...	3	cu, cr, cr-st ...	4	cr, cr-st, cr-hz ...	3	122·0	78·3	93·4	81·2
2	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	..	137·7	77·1	94·5	80·8
3	cr, d-cr-hz ...	5	cr, cr-st, d-cr-hz	4	fl-cu, hz	6	cu, cr, cr-hz ...	4	cu, cr, cr-st ...	4	cr-st, cr-hz ...	4	116·7	76·0	93·4	78·0
4	cu, cr-st, cr-hz..	3	cu, cr-st, cr-hz..	3	cu, cr-st, cr-hz ...	4	cu, cr-st, cr-hz ...	3	cr, cr-hz	3	cr, cr-hz	4	132·7	76·0	94·7	78·8
5	fl-cu,cr-st,cr-hz.	4	cu,cu-st,cr-st,hz	6	fl-cu, cr-hz ...	7	cu, cr, d-cr-hz ...	6	cu, cr, d cr-hz ...	6	cu, cr, d-cr-hz ...	7	118·0	79·3	93·9	82·1
6	cu, cr, cr-hz ...	3	cu, cr-hz ...	2	sc-cu	0	ny-clear	0	clear	0	hz	1	124·5	78·0	95·5	79·6
7	cr, d-cr-hz ...	4	cr, d-cr-hz ...	5	cr, d-cr,hz ...	5	cr, d-cr-hz ...	6	cr, d-cr-hz ...	4	cu, cr, d-hz ...	4	125·5	77 6	98·0	81·0
8	cu, cr, d-hz ...	6	cu, cr-st, d-hz...	6	cu, cr, d-hz ...	5	cu, cr, d-hz ...	4	cu, cu-st, cr-hz ...	4	cu, cu-st, nim, th-NW	4	142·5	79·9	103·2	83·2
9	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	132·0	79·0	103·1	79·7
10	cr, cr-st, hz ...	5	cu, cr-cu, cr-hz.	3	cu, cr, cr-hz ...	3	cr, cr-hz	2	cu, cr, cr-hz ...	2	cu, cu-st	3	133·0	81·3	101·8	82·7
11	cu, cr-cu, cr-hz.	4	cr-cu,cr-st,cr-hz.	4	cu, cr, d-cr-hz ...	6	cr, cr-hz	4	lt-cr, cr-hz ...	4	cr, cr-hz	4	133·4	79·6	100·4	82·1
12	cu, cr-cu, cr-hz.	7	cr-cu, cr-hz ...	4	cr, cr-hz	2	cr, cr-hz	2	ny-clear	0	cr, cr-st	2	141·7	80·1	95·3	82·7
13	cr, cr-hz ...	2	cr-cu, cr-hz ...	2	ny-clear	0	ny-clear	0	fl-cu, cr-hz ...	3	fl-cu, cr-hz ...	2	136·5	78·8	100·2	82·9
14	cr-cu, hz ...	3	cr-cu,cr-st,cr-hz.	2	ny-clear	0	ny-clear	0	cr, cr-st	2	cr-cu, cr, cr-st ...	3	140·8	79·5	103·3	81·9
15	cr-cu, cr-st, hz..	4	cr-cu, cr-hz ...	3	cr-cu, cr-hz ...	3	cr cu, hz	2	cr, cr-st	1	cr, cr-st	2	115·0	79·0	95·4	80·5
16	... ...	...	... ...	...	... ...	...	... ...	...	... ...	..	... ...	...	128·0	79·0	98·2	82·7
17	cr, cr-cu, hz ...	3	cr, cr-hz, cu ...	4	cr, cr-hz, cu ...	2	cr, cr-hz	2	ny-clear	0	sc-cu	2	135·5	83·5	104·0	84.0
18	cr, cr-st, cr-hz...	2	cr-cu,cr-st,cr-hz.	3	ny-clear	0	ny-clear	0	ny-clear	0	cu, cu-st, cr-hz ...	3	128·0	80·4	104·8	84·1
19	cr, cr-hz, cr-st...	5	cu, cr-cu, cr-hz.	7	cu, cr-cu, cr-hz ...	7	cu, cr-cu, cr-hz ...	5	cr-cu,cr,cr-st,cr-hz.	6	cr-cu,cr,cr-st,cr-hz	4	127·5	82·6	104·2	85·5
20	fl-cu, cr, cr-hz...	7	fl-cu,cu-st,cr-hz	6	fl-cu, cu-st, cr-hz..	7	fl-cu, cu-st, cr-hz.	7	cu, cu-st, d-cr-hz..	6	cr-cu, cr, cr-hz ...	6	122·4	81·5	100·5	85·9
21	ovt	8	cu,cu-st,cr-hz,nim	7	fl-cu, nim ...	8	fl-cu, nim ...	7	ovt, lt-R	8	fl-cu, cr-hz, nim...	7	117·5	77·4	92·4	80·9
22	cr, cr-st, cr-hz,nim	4	cu,cu-st,cr-hz,nim	6	cu, cr, cr-hz, cr-st	5	cr, cr-st, cr-hz ...	5	fl cu, cu-st ...	5	cu, cu-st, nim ...	6	134·4	75·9	99·0	79·0
23	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	134·3	78·5	102·4	82·3
24	cr, cr-hz, nim...	6	cu, cu-st, cr-hz..	5	cu, cr, d-cr-hz ...	7	cu, cr, d-cr-hz ...	7	cu, d-cr-hz ...	6	cu, cu-st, hz ...	5	120·3	79·8	98·7	82·6
25	fl-cu, nim ...	6	cu, cr-cu, cr-hz..	4	cu, cr-cu, cr-hz ...	5	cu, cr-cu, cr-hz ...	3	cu, cr-st, cr-hz ...	4	fl-cu, cu-st, cr-hz..	5	123·4	79·5	101·8	83·9
26	fl-cu, cu-st, cr-hz, nim ...	7	cu,cr-cu,cr-st,cr-hz	7	cr-cu, cr-hz ...	4	cu, d-cr-hz ...	5	cu, cr, cr-hz ...	4	cu, cu-st, cr-st ...	4	119·0	82·6	99·8	84·2
27	fl-cu, cr-hz ...	4	cr-cu,cr-st,d-cr-hz.	7	cr-cu,cr-st,d-cr-hz	6	cr-cu,cr-st,d-cr-hz	5	cu,cr-cu,cr-st,cr-hz	5	cu,cr-cu,cr-st,cr-hz.	4	120·9	82·3	102.2	83·8
28	cu, cr-hz ...	2	cr, cr-st ...	2	cr, cr-st	1	cr, cr-hz	1	cr-cu, cr-hz ...	2	cu, cr, cr-hz ...	4	121·5	78·6	101·4	83·4
29	cu, cr-st, hz ...	3	cu, nim ..	8	ovt	8	ovt	8	fl-cu, cr, cr-hz, nim.	8	fl-cu, cr, cr-hz,nim	8	122·0	82·0	100·2	83·6
30	... ...	...	... ...	...	... ...	...	... .	...	... ...	...	... ...	...	137·7	78·0	96·4	81·0
31	cr, cr-hz, nim...	6	cr-cu, cr-hz	3	cu,cr-cu,cr-st,cr-hz	5	cu,cr-cu,cr-st,cr-hz	6	fl-cu, cr, d-cr-hz..	7	fl-cu, cr, d-cr-hz...	7	124·0	78·5	98·4	81·1

REMARKS ON THE WEATHER FOR THE MONTH OF JUNE 1857

1	cr-st, cr-hz ...	2	cr-st, cr-hz ...	2	cr-st, cr-hz ...	2	cr-cu, cr-st, hz ...	2	cr, cr-hz	3	cu-hor	2	128·8	76·6	99·8	81·0
2	cu, cr-st, hz ...	2	cr-cu, hz ...	2	cr-cu, cr-st ...	2	cr-cu, cr-st ...	2	cr, cr-hz	1	sc-cu	2	130·8	76·6	100·7	80·4
3	cu, cr-st, cr-hz..	2	cr-cu, cr-hz ...	2	cu, cr-cu, cr-hz ...	3	cu, cr-cu, cr-hz ...	3	fl-cu	4	cu-hor	3	131·5	79·1	97·9	82·6
4	cu,cu-st,cr-hz,nim	5	cr-cu, hz, nim...	4	cu, cr-cu, cr-st ...	4	cu, cr-cu, cr-st ...	3	cu, cr, cr-hz ...	3	cu, cu-st, cr, cr-hz	3	131·5	79·7	98·6	81·0
5	cu, cr-st, cr-hz..	5	cr, cr-hz ..	6	cr-cu, cr-st, cr-hz.	6	cu, cu-st, cr-hz ...	6	fl-cu, nim ...	6	fl-cu, d-cr-hz ...	5	113·0	77·3	95·0	80·1
6	... ...	..	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	108·7	79·3	95·4	82·0
7	cr, cr-st, cr-hz..,	3	cr, cr-hz ...	2	cr-cu, cr-st, hz ...	3	cu, cr-st, cr-hz ...	3	cu, cr, d-cr-hz ...	4	cu, cr, d-cr-hz ...	3	115·8	77·6	93·9	79·9
8	cu, cr-hz ...	3	cr, cr-st ...	2	sc-cu, cr-st, cr-hz.	5	sc-cu, cr-st, cr-hz.	4	fl-cu, cr, cr-hz ...	4	cu,cu-st,cr-hz-hor.	3	134·5	79·3	95·5	80·4
9	cu, cu-st, cr-hz, nim, fr-lg	6	cr-cu, cr, cr-hz..	6	cr, cr-hz	5	fl-cu, cr, cr-hz ...	5	fl-cu, d-cr-hz ...	6	fl-cu,d-cr-hz,dis-th-N	6	123·0	71·3	95·3	75·5
10	hy-cu, cu-st,cr-hz, nim,fr-lg	6	ovt, R, th ...	8	ovt, lt-R	8	ny-ovt	7	ny-ovt	7	cu, cr, d-cr-hz ...	6	119·0	74·8	90·7	75·0
11	cu, cr-cu, cr-hz.	4	cr-cu, cr-hz ...	3	cr-cu, cr-st, cr-hz.	3	cu,cu-st,cr-st,cr-hz	4	fl-cu, cu-st, nim...	6	cu, cr-cu, cr-hz ...	5	117·0	76·8	90·9	76·9
12	cr-cu, cr-st, cu..	4	cr-cu, hz ...	2	cu, cr-cu, cr-hz ...	3	cu, cr-cu, cr-hz ...	3	cu, cr, d-cr-hz ...	4	fl-cu, nim ...	5	131·0	74·8	97·7	77·6
13	... ...	...	... ...	...	... ...	...	.. .. ..	...	... ...	...	... ...	...	119·0	74·7	96·0	77·8
14	cu, cr-cu, cr-hz.	6	cr-cu, d-cr-hz...	7	cr-cu, d-cr-hz ...	8	ovt, lt-R	8	ovt	8	ovt	8	ovt.	76·3	85·0	78·3
15	cu,cr-cu,cr,cr-hz.	8	cu, cr-cu, cr-hz..	7	ovt	8	ovt, lt-R	8	ovt	8	ovt	8	ovt.	75·5	89·4	77·6
16	cu,cu-st,cr-hz,nim·	7	ovt	8	ovt	8	ovt, lt-R	8	cu, cr, d-cr-hz ...	8	cu, cr, d-cr-hz ...	7	112·0	74·6	91·5	78·1
17	cu, cu-st, cr-st, cr-hz, nim	6	ovt	8	ovt	8	ovt, lt-R	8	cu, cr, d-cr-hz ...	7	fl-cu, cr, d-cr-hz...	7	111·0	74·5	91·9	78·7
18	cu, cr-st, cr-hz..	3	cr-cu, hz ...	5	cu, cr-cu, cr-hz ...	5	cu, cr-cu, cr hz ...	4	fl-cu, cr, cr-hz ...	6	fl-cu, cr, cr-hz ...	5	114·0	73·8	95·0	77·5
19	cu, cr-st, cr-hz..	4	cr-cu, cr-hz ...	5	cr-cu, cr-st, cr-hz.	5	cr-cu, cr-st, cr-hz.	5	fl-cu, hz	6	fl-cu, hz, nim ...	6	104·0	75·1	97·4	80·2
20	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	110·7	74·8	95·1	79·6
21	cu, d-cr-hz ...	7	ny-ovt	7	ovt	8	ny-ovt	7	fl-cu, d-cr-hz ...	6	fl-cu, d-cr-hz ...	6	112·0	77·1	96·7	79·2
22	ny-ovt	7	ovt	8	ovt	8	ovt	8	ovt ...	8	ovt	8	ovt.	74·9	94·7	80·0
23	cu, cr-st, cr-hz..	5	cr-cu, cr-hz ..	5	cr cu, cr-hz ...	4	cu, cr-cu, cr-st ..	4	cu, cr, d-cr-hz ...	3	fl-cu, d-cr-hz ...	4	115·0	76·0	98·7	79·1
24	cr, cr-hz ...	2	cu	1	cu, cu-st, hz ...	4	cu, cr-hz	3	cu, cr-cu, cr-hz ...	3	cu, cr-cu, cr-hz ...	3	117·5	73·2	98·9	79·4
25	cu, cr-cu, cr-hz..	4	cr-cu,cr-st,cr-hz	4	cr-cu, cr-st, cr-hz.	2	cr-st, cr-hz ...	1	sc-cu	2	fl-cu, cu-st ...	4	119·0	77·6	99·6	83·0
26	cu, cr-cu, cr-hz..	6	cr-cu, cr, cr-hz..	5	cu, cr-cu, cr-hz ...	4	cu, cr-cu, cr-hz ..	3	fl-cu, cr-hz ...	4	fl-cu, cr-hz ...	4	115·2	75·3	97·7	79·9
27	... ...	...	... ...	...	... ...	..	... ...	...	... ...	...	... ...	...	117·8	74·0	98·1	79·4
28	cu,cu-st,cr-hz,nim	4	ovt	8	ovt ...	8	ovt	8	ovt	8	cu, d-cr, cr-hz ...	7	107·8	74·3	97·0	81·1
29	cr-cu,cr-st,cr-hz	5	cu, cr-cu, cr-hz..	5	cr-cu, cr-hz ...	5	cr-cu, cr-hz ...	3	cu, cr, cr-hz ...	3	fl-cu, hz	2	122·0	73·8	99·5	79·2
30	cu, cr-st, cr-hz..	3	cr-cu,cr-st,cr-hz	5	cr-cu, cr-st, cr-hz.	6	cr-cu, cr-st, cr-hz.	6	cr-cu, cr-st, cr-hz..	5	cr, cr-hz	7	111·2	74·8	98·6	81·7

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE

ard....around
cld.....clouds or cloudy
cr or ci. cirri or cirro or cirrous
cu.....cumuli or cumulo
D .....dew
d .....dense
dis. ..distant
dt.... detached
E .....east
fg.....fog
fk.....forked
fl.....flying
fr .....frequent
g.....ground
hy .....heavy
hl .....halo
hor ...horizon
hz .....haze or hazy
ld.....loud
lg .....lightning
lt.....light
mt.....meteor
N .....north
nim....nimbi
ny .....nearly
ov.....overhead
ovt ....overcast
ps.....peals
pt.....part or partly or partial
R.....rain
r-b.....rain-bow
S .....south
sc.....scattered
sh.....sheet
st .....stratus
th.....thunder
thi.....thick
v.....very
viv.....vivid
W .....west

REMARKS ON THE WEATHER FOR THE MONTH OF JULY 1857

Date	Göttingen Mean Time **NOON**	Cloudy sky in 8ths	**2**	Cloudy sky in 8ths	**4**	Cloudy sky in 8ths	**6**	Cloudy sky in 8ths	**8**	Cloudy sky in 8ths	**10**	Cloudy sky in 8ths
1	cu, d-hz	6	cu, cu-st, cr-st, hz...	4	cu, cr-cu, hz ...	6	fl-cu, cr-hz, hl☽ ...	5	cu, cr-hz	3	cu, cr, cr-hz ...	3
2	fl-cu, nim	6	cu, nim	7	cu, cu-st, hz ...	7	fl-cu, cu-st, hz ,,	6	cr-cu, cr-hz ...	4	cr-st, cr-hz... ...	3
3	cu, cr-cu, cr-hz ...	5	cu, cu-st, cr-st, hz...	4	cu, cr-cu, cr-st, d-hz.	7	ny-ovt	7	ny-ovt	7	ny-ovt	7
4	cu, cu-st, cr-hz ...	5	cu, cu-st, cr-hz ...	6	cu, cu-st, lg-SW ...	8	ovt, lg-SE	8	ovt	8	... ...	...
5	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cr-cu, cr-st, cr-hz ...	5
6	fl-cu, cu-st, cr-hz ...	7	cu, cr-hz ...[hz, lt-R	7	cu, cu-st, cr-hz ...	8	cu, cr-st, cr-hz ...	5	cu, cr-cu, cr-hz ...	6	cr, cr-st, cr-hz, hl☽.	5
7	fl-cu, nim	6	hy-cu, cu-st, cr-st, nim,	7	cu, cr-st, hz ...	4	cu, hz	4	cr-st, cr-hz	5	cr-st, cr-hz	3
8	fl-cu, hz	5	cu, cr-hz, cr-st ...	3	cu, cr-hz, cr-st, hl☽..	5	cu, cr-st, hz ...	6	cr-st, cr-hz	4	cr-cu, cr, cr-hz ...	4
9	fl-cu, nim, dis-th ...	7	cu, cu-st, cr-st, hz...	4	cu, cu-st, cr-st, hz, nim, sh-lg-S.	7	ny-ovt	7	ny-ovt	7	ny-ovt	7
10	cu, cr, cr-cu, d-hz ...	6	fl-cu, d-cr-hz, nim ..	7	cu, d-cr-hz, sh-lg-W.	7	ny-ovt	7	ny-ovt	7	ny-ovt	7
11	fl-cu, cr-hz	4	cu, cu-st, cr-st, hz...	6	cu,cu-st,hz,sh-lg-SW.	6	fl-cu, cu-st, cr-hz ...	7	ovt, R	8	... ...	...
12	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cu, cu-st, cr-hz ...	6
13	fl-cu, cu-st, nim ...	6	cu, cu-st, cr-hz, nim.	7	cu, cr-hz, nim ...	5	cr-cu, hz	3	cu, cu-st, cr-hz ...	6	cu, cu-st, cr-hz ...	7
14	cu, cu-st, cr, d-cr-hz	5	cu, cr-st, hz ...	4	cu, cr-hz, nim ...	3	cu, cr-st, d-hz ...	6	cr, cr-st, cr-hz ...	3	cr, cr-st, cr-hz ...	3
15	fl-cu, cr, cr-hz ...	5	cu, cu-st, hz ...	6	cu, hz	5	fl-cu, cr-hz	7	cr, cr-hz	4	cr-st, cr-hz	3
16	cu, cr, d-cr-hz ...	6	cu, cr, d-cr-hz ...	6	cu, hz	6	ovt	8	ny-ovt	7	cr, cr-st, cr-hz ...	6
17	fl-cu, cr-hz	6	cu, cu-st, hz ...	6	ovt	8	cu, cr-hz	5	cr, cr-hz	5	cr-st, cr-hz	3
18	cu, cr, cr-hz ...	4	cu, cu-st, cr-hz ...	3	cu, hz	3	cu, cr-hz	6	ny-ovt	7	... ...	...
19	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cu, cr-st, cr-hz ...	4
20	cr, d-cr-hz	7	cu, cr-st, d-hz ...	6	cu, cr-st, d-hz ...	5	cu, nim	6	ny-ovt	7	uy-ovt, lt-R ...	7
21	fl-cu, nim, cr, cr-hz..	6	cu, cr-st, hz ...	6	cu,cr-st,hz,sh-lg-SW	3	cu, hz, lg-SW ...	6	fl-cu, cr-hz, lg-SW...	6	ovt, lg, dis-th, lt-R...	8
22	cu, cr, d-cr-hz ...	7	cu,cu-st,cr-st,hz,lg-W	7	cu, cr-st, hz, lg-W...	7	cu, cr-hz, lg-SW ...	3	cu, cr, cr-hz ...	6	ovt, lg, lt-R ...	8
23	fl-cu, cr, cr-hz, nim..	4	fl-cu, nim, dis-th ...	7	cu-st,hz,lg-NW-hor..	3	cu, hz, lg-SW ...	3	cu, cr-hz	6	cu, cr, cr-hz ...	5
24	cr, d-cr-hz	6	cu, cu-st, d-cr-hz ...	6	cu, hz, lg-SW ...[NW	3	ny-ovt	7	ny-ovt	7	ny-clear	0
25	cu, cu-st, d-cr-hz ...	4	cu, cu-st, cr-st, hz...	4	cu, cu-st, cr-st, hz, sh-lg-	4	ny-ovt	7	cu, cu-st, cr-hz ...	6	... ...	...
26	.. ..	...	... ...	...	... ...	...	... ...	...	... ...	...	ovt, R, lg-SW ...	8
27	ovt	8	ovt	8	ovt	8	ovt, R	8	ovt, lt-R	8	ovt	8
28	ovt	8	ovt	8	ovt, lt-R	8	ovt	8	ovt	8	ovt	7
29	ovt	8	ovt	8	ovt	8	ovt	8	ovt	8	ovt	8
30	ny-ovt	7	ny-ovt	7	ovt	8	cu, cu-st, cr-hz ...	5	cu, cr-hz	3	ny-ovt	8
31	fl-cu, nim	8	fl-cu, nim	7	fl-cu, nim, R ...	7	cr-cu, cr-st, hz ...	6	cr-cu, cr, cr-st ...	4	ovt	8

REMARKS ON THE WEATHER FOR THE MONTH OF AUGUST 1857

1	fl-cu, cr, cr-hz ...	6	cu, cu-st, cr-hz, nim.	7	ovt, lt-R	8	cu, cr-hz	6	cr-cu, cr-st, hz ...	4	... ...	...
2	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	ovt	8
3	cu, cu-st, cr-hz, nim	6	cr-cu, cu-st, cr-hz...	7	cu,cu-st,nim,lg-NW.	8	ou, cu-st, nim, lt-R..	8	ny-ovt, sh-lg-S ...	7	ny-ovt, sh-lg-E ...	7
4	cu, cu-st, cr-hz ...	7	cu, cu-st, cr-hz, nim.	2	cu, cu-st, cr-hz ...	2	fl-cu...	5	fl-cu, hz	7	fl-cu, hz	4
5	cu, d-cr-hz	5	cu,cu-st,d-cr-hz,nim	6	ny-ovt	8	ny-ovt,hl☽sh-lg-S...	7	ovt, sh-lg-S ..	8	ny-ovt	7
6	cu, cu-st, cr-hz ...	4	fl-cu, nim	6	cu, cr-cu, hz ...	5	ou, hz, hl☽... ...	5	cu,cr-hz,cr-st,hl☽...	6	ovt	8
7	cu, cu-st, cr-hz ...	7	cu, cr, d-cr-hz, nim..	6	cu, cr-hz	4	cu,cr-cu,cr-st,hz,lg-S	4	cu,cr-hz cr-st,hl☽...	6	cu, cr-hz, cr-st ...	5
8	cu, cu-st, cr-hz, nim	7	cu, cr, d-cr-hz ...	7	cu,cr,d-cr-hz,lg-NW.	6	hy-cu,cu-st, cr-st,d-hz	7	cu, cr-hz, cr-st ...	6	... ...	...
9	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cu, cr-st, d-cr-hz ...	6
10	cu, cr-cu, cr-hz ...	5	fl-cu, cr, d-cr-hz ...	7	cu, d-cr-hz	4	cu, cu-st, d-cr-hz ...	7	cu, cr-hz, cr-cu ...	6	cu, cr-hz, cr-cu ...	7
11	cu, cu-st, cr-hz, nim.	7	ny-ovt	7	ovt	8	cu, cr-hz	4	cu, cr-hz	4	fl-cu, cr-hz, nim ...	7
12	cu,cr-cu,cr-st,cr-hz,nim	7	cr, cr-st, d-cr-hz ...	7	cr, cr-hz, lg-SW ...	2	cu-st, cr, d-cr-hz ...	4	ny-ovt, sh-lg-NW ...	7	cu, cr-hz	4
13	cu, cu-st, cr-hz, nim.	6	ovt, lt-R	8	ovt	8	ovt	8	ovt	8	cr-st, cr-hz	2
14	fl-cu, cr, cr-hz ...	6	fl-cu, cr, cr-hz ...	6	fl-cu	2	cu, cu-st, hz ...	5	ovt	8	cu, cr-hz	6
15	fl-cu, nim	8	fl-cu, nim	8	ovt	8	ovt	8	ovt	8	... ...	...
16	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cu, d-cr-hz	6
17	cu, cu-st, cr-hz, nim.	7	fl-cu, nim	6	cu, cu-st, d-hz ...	8	cu,cr-hz,sh-lg-SW ...	4	cu, hz	1	cu, cr-hz	4
18	cu, cu-st, cr-hz, nim.	8	ovt, lt-R	8	ovt, R	8	ovt	8	ovt	8	ovt	8
19	ovt	8	ovt	8	ovt	8	ovt	8	ovt	8	ovt, lt-R	8
20	cu, cr-hz, nim ...	8	ny-ovt	7	ovt	8	cu, cr-hz	3	ny-clear	0	clear	0
21	cu, cu-st, cr-hz, nim.	7	fl-cu, d-cr-hz, r-b ...	7	cu, hz	2	cu, cu-st, cr-hz, nim	6	cu, cr-hz	6	clear	0
22	cu, cu-st, cr-hz, nim.	6	cu, cu-st, cr-hz, nim.	7	cu, cu-st, nim ...	7	ovt	8	ovt	8	... ...	...
23	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cu, cr-hz	2
24	cu, cu-st, cr-hz ...	4	cu, cu-st	2	ny-clear, lg-SW ...	0	ny-clear, lg-SW ...	0	clear	0	ny-clear	0
25	cu, cu-st	3	fl-cu, nim, d-cr-hz...	7	cu, cr-cu, hz [g-SW	6	cu, cu-st, hz, lg-S ...	6	cu, cr-hz	4	cu, cr-hz	5
26	cu, cu-st, cr-hz ...	4	cu, cr-hz	2	hy-cu, cu-st, cr-st, hz	5	cu, cu-st, hz ...	1	cu-hor	1	cu, cr-hz	2
27	cu, cu-st, cr-hz, nim.	3	cu, cu-st, cr-hz ...	7	cu, cu-st, cr-st, cr-cu	5	ny-ovt	7	ovt, lt-R, sh-lg-SE...	8	cu, cr-hz, nim ...	6
28	cu, cu-st, cr-hz, nim.	4	cu, cu-st, cr-hz ...	3	clear	0	cu-st, hz	2	cu-hor	2	cu-hor	1
29	cu, cu-st, cr-hz ...	6	cu, cu-st, cr-hz ...	7	ny-ovt	7	ny-ovt	7	cu, cr-hz	6	... ...	...
30	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cu, cr-hz	3
31	cu,cu-st,cr-st, cr-hz,nim	7	fl-cu, d-cr-hz, nim ...	6	cu, d-hz	7	cu, hz	7	ou, cr-hz	6	cu, cr-hz	7

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE

ard....around
cld....clouds or cloudy
cr or ci. cirri or cirro or cirrous
cu.....cumuli or cumulo
D.....dew
d.....dense
dis.. distant
dt.....detached
E.....east
fg.....fog
fk.....forked
fl.....flying
fr.....frequent
g.....ground
hy....heavy
hl....halo
hor..horizon
hz....haze or hazy
ld....lond
lg....lightning
lt....light
mt....meteor
N.....north
nim..nimbi
ny ...nearly
ov....overhead
ovt....overcast
ps....peals
pt.....part or partly or partial
R.....rain
r-b....rain-bow
S.....south
sc.....scattered
sh.....sheet
st.....stratus
th....thunder
thi...thick
v.....very
viv...vivid
W.....west

REMARKS ON THE WEATHER FOR THE MONTH OF JULY 1857

Date	12	Cloudy sky in 8ths	14	Cloudy sky in 8ths	16	Cloudy sky in 8ths	18	Cloudy sky in 8ths	20	Cloudy sky in 8ths	22	Cloudy sky in 8ths	Thermometers: Radistion Sol.	Radistion Ter.	Air Max.	Air Min.
1	cu, cr-st-hor ...	2	cr-st, cr-hz ...	5	cr, cr-hz	4	cr, cr-hz	3	ny-clear	0	cu, cu-st, d-cr-hz..	4	121·5	72·3	100·4	80·8
2	cu, cr-st, cr-hz..	3	cr, d-cr-hz ...	6	cr-cu, cr, d-cr-hz..	6	cr-cu, cr, d-cr-hz..	6	cu, cr, d-cr-hz ...	6	cu, cr, d-cr-hz ...	7	119·0	73·8	96·0	78·7
3	cu, cr-cu, cr-hz.	7	cr-cu, cr, cr-hz..	5	cu, cr-cu, cr st, cr-hz.	5	cu, cr-cu, cr-st, cr-hz.	4	ny-clear	0	cu, cu-st, cr-cu, hz	6	118·5	71·3	99·6	80·3
4	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	118·3	73·6	99·5	80·5
5	cr-cu,cr-st,cr-hz	5	ny-ovt	7	uy-ovt	7	cu, cr-cu, cr-st, cr-hz	6	cu, cr-cu, cr-st, cr-hz	6	fl-cu, cu-st cr-hz...	7	117·3	75·0	97·4	82·3
6	cr, cr-st, cr-hz...	4	cr-cu, cr-st ...	4	cr-st, cr-hz ...	3	cu, cr-st, cr-hz ...	3	fl-cu, cu-st, cr-hz..	5	fl-cu, cu-st ...	6	120·3	73·6	99·7	82·1
7	cu-hor	2	cr-st, cr-hz ...	2	cr, cr-hz	2	cr, cr-hz	3	fl-cu, cu-st ..	5	fl-cu, cu-st ...	5	119·7	73·9	96·7	80·0
8	cu, cr-cu, cr-hz..	7	cr-cu, cr ...	3	cr-cu, cr-st ...	1	cr-cu, cr-st ...	1	fl-cu, cr-hz ...	4	fl-cu, cr-hz ..	5	127·0	74·6	98·6	81·4
9	cvt	8	cu, cu-st, cr-cu, cr-hz ...	6	cr-cu, cr, cr-hz ...	5	ny-ovt	7	cu, cr, cr-hz ...	5	cu, cr-cu, d-cr-hz..	6	125·5	76·6	97·3	80·8
10	cu,cr-cu,cr-st,cr-hz	6	cr-cu, cr, cr-hz..	3	cr-cu, cr, cr-hz ...	3	cu, cr-st, cr-hz ...	3	fl-cu, d-cr-hz ...	4	fl-cu, nim ...	5	129·5	72·6	96·3	80·0
11	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	121·1	72·1	95·9	77·2
12	cu, cu-st, cr-hz..	7	cu, cu-st, cr-cu, cr-hz ...	5	cr-cu, cr	3	cr-cu, cr	2	fl-cu, cr, cr-hz ...	5	fl-cu, cu-st, nim...	6	124·5	71·9	97·5	79·8
13	cu, cu-st, cr-hz..	7	cr-cu, cr, cr-hz..	6	cu, cr-cu, cr-st, cr-hz	6	cu, cr-cu, cr-st, cr-hz	6	cu, d-cr, cr-hz ...	6	cu, d-cr, cr-hz ...	5	115·5	72·0	96·6	81·6
14	ny-clear ...	0	cr, cr-hz ...	2	cr-cu, cr-st ...	3	cr-cu, cr-st, cr-hz..	3	cu, cr, cr-hz ...	4	fl-cu, cr, cr-hz ...	5	124·5	73·5	97·9	80·0
15	cr-st, cr-hz ...	3	cr-cu,cr-st,d-hz.	6	cr, d-cr-hz ...	5	cu, cr, cr-hz ...	3	fl-cu, cu-st, cr hz..	5	fl-cu, cu-st, nim...	6	125·3	75·8	95·9	81·5
16	cu, cr-cu, cr-hz..	6	cu, cr-cu, cr-hz..	5	cr-cu, d-cr-hz ...	6	cu, d-cr-hz ...	5	fl-cu, cr-hz ...	4	fl-cu, cr-hz ...	6	129·7	76·4	97·2	80·8
17	cr-st, cr-hz ...	3	cr-cu, cr-st ...	4	cr-cu, cr-st, cr-hz.	3	cr-cu, cr-st, cr hz..	3	cu, cr, cr-hz ...	3	fl-cu, cr, cr-hz ...	4	136·0	75·2	95·5	80·1
18	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	125·3	77·7	93·5	80·9
19	cu, cu-st, cr-hz..	4	cu, cr-st, cr-hz..	3	cu, cr-st, cr-hz ...	3	cr, cr-hz	5	cu, cr, d-cr-hz ...	6	fl-cu, d-cr-hz [nim	6	130·5	76·8	95·5	80·9
20	cu, cr-st, cr-hz..	6	cu, cr-st, cr-hz..	5	cu, cr cu, cr-st, cr-hz	5	cu, cu-st, cr-hz ...	6	fl-cu, cu-st ...	6	fl-cu, cu-st, cr, cr-hz,	6	126·5	74·2	97·8	79·1
21	cvt	8	cvt	8	cvt	8	ny-ovt	7	cu,cr-cu,cr,d-cr-hz	7	cu,cr-cu,cr,d-cr-hz	7	115·5	73·0	91·8	76·3
22	cvt,fr-lg,th,lt-R	8	fl-cu, cu-st, cr-hz, nim ...	6	cu, cr-cu, hz ...	3	cu, cr-st, cr-hz ...	5	cu, cr-st, cr-hz ...	3	cu, cu-st, cr-hz ...	4	135·7	71·4	92·6	74·9
23	cu, cr, cr-hz ...	3	cu, cr-st, cr-hz..	4	cu, cr-st, cr-hz ...	4	cu, cu-st, cr hz ...	4	fl-cu, cu-st, nim ...	4	ou, cr, d-cr-hz ...	5	124·3	75·2	90·7	78·5
24	cu, cr-st, cr-hz..	3	cr-cu, cr-hz ...	5	cu, cr, cr-st ...	4	cu, cr-cu, cr-st, hz.	4	cu, cr, d-cr-hz ...	5	cu, cr, d-cr-hz ...	5	122·0	73·1	94·5	77·9
25	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	118·0	75·0	93·0	77·8
26	cvt, R	8	cvt, lt-R ...	8	cvt, lt-R	8	cvt	8	cvt	8	cvt, lt-R	8	cvt.	72·2	92·0	75·2
27	cvt, v-lt-R ...	8	cvt	8	cvt	8	cvt	8	cvt	8	cvt	8	cvt.	70·4	84·7	72·0
28	cvt	8	cvt	8	cvt	8	cvt	8	cvt	8	cvt	8	cvt.	72·8	86·8	74·6
29	cvt	8	cvt	8	cvt	8	cvt	8	cu, cr-cu, d-cr-hz..	7	cvt, lt-R	8	120·0	73·0	90·4	76·0
30	cu, cu-st, cr-hz..	5	cvt	8	cu, cu-st, cr-cu, cr-hz	6	cu, cu-st, cr-cu, cr-hz	7	fl-cu, cu-st, cr-hz...	7	cvt, lt-R	8	115·0	72·7	91·1	76·3
31	cu, cu-st, cr-hz...	4	cu, cu-st, cr-hz.	6	cu, cu-st, cr-hz ...	6	cu, cu-st, cr, cr-hz	6	fl-cu, nim ...	8	fl-cu. nim ...	7	117·7	72·7	88·5	76·1

REMARKS ON THE WEATHER FOR THE MONTH OF AUGUST 1857

1	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	122·0	72·4	93·8	76·6
2	cvt	8	ny-ovt	7	cr-st, cr-hz ...	7	cr, cr-st	5	cu, cr-cu, cr-hz ...	4	cu, cu-st, cr-hz ...	5	121·4	75·2	92·9	78·0
3	cu, cr-hz ...	5	cr-cu, cr-hz ...	3	cr-cu, cr, cr-hz ...	6	cr, cr-st, cr-hz ...	4	cu, cr-st, cr-hz ..	5	cu, cr-st, cr-hz ...	6	125·5	76·6	94·8	78·8
4	cu, cr, cr-hz ...	3	cr-cu, cr-st ...	4	cr, cr-st, hz ...	3	cr-cu, cr, cr-hz ...	4	cu, cr st, cr-hz ...	4	fl-cu, cr hz ...	5	128·0	74·6	94·7	79·0
5	cvt	8	cu, cr-cu, cr-hz.	4	cr, lt-cr-hz ...	6	cr-st, cr-hz ...	6	cu, cr-st, cr-hz ...	5	cu, cu-st, cr-hz ...	5	125·5	76·0	96·0	78·3
6	cr-cu, cr, cr-hz..	6	ny-ovt	7	cr-cu, cr-hz ...	6	cr-cu, cr, cr-hz ...	5	cu,cr-cu,cr-st,cr-hz	5	cu,cr-cu,cr-st,cr-hz	5	123·5	75·7	98·3	80·2
7	cr-cu, cr-st,cr-hz	5	cu, cr-cu, cr ...	5	cr-cu, cr-hz, cr-st..	4	cr, cr-hz	4	cu, cr-st, cr-hz ...	6	cu, cu-st, cr-hz ...	5	117·8	73·7	97·3	80·2
8	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... .	...	115·7	74·4	96·1	80·6
9	cu, cr-st, d-cr-hz, hl☽...	6	cr-cu. cu, cr-hz.	3	cr-cu, cr-st, cr-hz.	5	cr-st, cr-hz ...	4	cu, cr-cu, cr-hz ...	5	cu, cr-cu, cr-hz ...	4	120·5	76·0	98·6	79·8
10	cu, cr-cu, cr-hz..	5	cr-cu, cr-hz	3	cr-cu, cr, cr-hz ...	3	cu, cr-st, cr-hz ...	4	cu, cr-st, cr-hz ...	5	cu, cr-st, cr-hz ...	7	119·0	73·2	96·8	78 9
11	ny-ovt	7	cu, cr-cu, cr-hz.	5	cu, cr-cu, cr-hz ...	5	cr-cu, cr, d-cr-hz..	6	cu,cr-cu,cr-st,cr-hz	6	cu,cr-cu,cr-st,cr-hz	7	119·3	74·2	96·7	79·3
12	cu, cr-cu, cr-hz.	7	ny-ovt	7	cr-cu, cr, cr-hz ...	6	fl-cu, cu-st, cr-hz..	7	cu, cr-st, cr-hz	5	cu, cr-st, cr-hz ...	6	123·5	73·2	99·5	79·2
13	cr-cu, cr-st, cr-hz	4	cr-cu,cr-st,cr-hz	4	cr-cu, cr-st, cr-hz.	4	cr-cu, cr-st, cr-hz.	5	cu, cr, d-cr-hz ...	6	fl-cu, nim ...	6	117·0	broken	97·1	79·0
14	cu,cr-cu,cr,cr-hz	5	cu,cr-cu,cr,cr-hz	7	cu, cr-cu, cr-hz ..	7	cu, cr-cu, cr-hz ...	7	fl-cu,cr-cu,d-cr-hz	7	fl-cu,cr-cu,d-cr-hz	7	120·0	—	97·1	81·2
15	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	122·0	—	96·3	82·4
16	cu, d-cr-hz ...	5	cu, cr-cu, cr-hz, nim,lt-R	7	cu,cr-cu,cr,cr-hz,nim	7	cu, cr-hz	7	cu, cr-st, cr-hz ..	6	cu, cu-st, cr-hz ...	6	128·7	—	98·9	82·7
17	cu, cr-hz ...	3	cr-cu, cu, cr-hz.	5	cr-cu, cu, cr-hz ...	5	cu, cr-hz ...	5	cu, cr-cu, cr-hz ...	7	cu, cr-cu, cr-hz ...	7	114·5	—	97·6	81·1
18	cvt	8	cvt	8	cvt ...	8	cvt	8	cvt	8	cvt	8	113·3	—	96·0	79·3
19	cvt	8	cvt	8	cu, cr-cu, cr-hz ...	5	cu, cr-cu, cr-hz ...	4	cu, cu-st, cr-hz ...	5	cu, cr-hz, nim ...	6	135·5	—	98·6	81·9
20	clear	0	cr-cu, cr-hz ...	2	cu, cr-cu, cr-hz ...	4	sc-cu, cr, cr-st ...	4	sc-cu, cu-st, cr-hz.	5	cu,cu-st,cr-hz,nim	7	121·7	—	97·7	79·6
21	ny-clear ...	0	cu, cr-hz ...	2	cr-cu, cr-st ...	2	cr-st, cr-hz ...	2	cu, cr-st, cr-hz ...	3	cu, cu st, cr-hz ...	7	129·5	—	97·3	79·0
22	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	119·5	—	93·7	78·1
23	cu, cr-hz ...	4	cu, cr-st, cr-hz..	4	cr-st, cr-hz ...	3	cr-st, cr-hz ...	4	cu, cr-st, cr-hz ...	4	cu, cr-st, cr-hz ...	5	140·9	—	95·9	79·7
24	clear	0	cu, cr-st ...	2	cr-st, cr-hz ...	3	cu-st, cr	2	cu, cu-st ...	3	cu, cu-st	4	141·5	—	93·6	77·1
25	cu, cr-hz ...	5	cr, cr-hz ...	3	cr-cu, cr-hz	2	cr-st, cu ...	3	cu, cr-st, hz ...	4	cu, cu-st, hz ...	4	140·4	—	98·2	78·1
26	ny-clear ...	0	ny-clear ..	0	uy-clear	0	cr-hz	1	sc-cu, cu-st ...	3	cu, cu-st, cr-hz ...	3	141·3	—	96·7	81·1
27	cu, cr-hz ...	5	cr-cu, cr, cr-hz..	4	cr-cu, cr-st, cr-hz..	4	cr-cu, cr-st, cr-hz.	3	cu, cr-cu, cr-hz ...	4	cu, cr-cu, cr-hz ...	4	134·2	—	95·5	79·8
28	cu-hor... ...	1	cu, cu-st ...	1	cu, cr, cr-st ...	1	cu-st, cr-st, hz ...	2	cu, cr-cu,hz ...	3	fl-cu, cr-hz ...	6	132·5	—	98·6	79·0
29	... ...	...	... ...	...	... .	...	... ...	...	... ...	...	... ...	...	131·5	—	99·0	81·1
30	cu, cr-hz ...	2	cu, cr-hz ...	3	cu, cr-cu, cr-hz ...	5	cu, d-cr hz ...	6	cu, cr-cu, cr-hz ...	7	cu,cu-st,cr-st, cr-hz	7	134·7	—	96·2	80·7
31	cu, cr-hz ...	7	cu, cr-cu, hz ...	2	cr, cr-st, cr-hz ...	4	cr, cr-st, cr-hz ...	3	sc-cu, cu-st ..	4	cu, cu-st, hz ..	4	130·5	—	96·9	82·1

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE

ard....around
cld....clouds or cloudy
cr or ci. cirri or cirro or cirrous
cu.....cumuli or cumulo
D.....dew
d.....dense
dis..distant
dt...detached
E.....east
fg ...fog
fk .....forked
fl.....flying
fr....frequent
g.....ground
hy. ..heavy
hl ....halo
hor...horizon
hz... .haze or hazy
ld.....loud
lg.....lightning
lt... ..light
mt....meteor
N.....north
nim..nimbi
ny....nearly
ov.....overhead
ovt.....overcast
ps...peals
pt....part or partly or partial
R... rain
r-b..rain-bow
S.....south
sc....scattered
sh....sheet
st ....stratus
th...thunder
thi...thick
v.....very
viv...vivid
W....west

REMARKS ON THE WEATHER FOR THE MONTH OF SEPTEMBER 1857

Date	Göttingen Mean Time **NOON**	Cloudy sky in 8ths	**2**	Cloudy sky in 8ths	**4**	Cloudy sky in 8ths	**6**	Cloudy sky in 8ths	**8**	Cloudy sky in 8ths	**10**	Cloudy sky in 8ths
1	cu, cr-hz, nim ...	2	cu, cu-st, hz ...	6	cu, cr-cu, hz ...	4	cu, cr-cu, hz ...	7	cu, cu-st, cr-hz, nim	8	ovt	8
2	cu, hz-hor	2	ny-clear	0	ny-clear	0	cr-cu, cu-st, cr-st, hz	4	cu, cr-cu, cr-hz ...	8	ovt	8
3	cu, hz	2	cu-st-hor, lt-hz ..	1	cu, cu-st, hz ...	5	cu, cu-st, cr-cu, nim.	7	cu,cu-st,cr-cu,hz,nim.	8	ovt	8
4	cr-hz, cr-st, cu ...	6	cr, cr-hz, cr-st ...	4	cr-st, d-cr-hz ...	6	cr-st, d-cr-hz, hl-☽...	6	cr-cu, cr-st, d-hz ..	7	cr-cu, cr-st, d-hz ...	7
5	cu, cr-hz, cr-st ...	4	cu-hor, cr-hz ...	2	cr, cr-hz	2	cr-st, d-hz, hl-☽ ...	5	cr, cr-st, d-hz ...	4	... ...	
6	... ...	...	... ...	...	... ...	...	... ...	...	... ...	..	cr, cr-st, cr-hz ...	4
7	cu, cr-hz, cr-st ...	6	cu, cr-hz, cr-st ...	4	cr-hz, cr-st... ...	4	cr-hz, cr-st	4	cr-st, cr-hz	6	cr-st, cr-hz	6
8	fl-cu, nim	6	fl-cu, nim	7	cu, cr-st, d-hz ...	6	cu, cu-st, cr-hz, nim	7	ovt	8	ovt	8
9	cu, d-cr-hz	7	cu, cu-st, d-cr-hz ...	7	cu, d-cr-hz	7	cu, d-cr-hz	8	cr-cu, cr-st, d-cr-hz..	7	cu, cr-st, cr-hz ...	7
10	fl-cu, d-cr-hz ...	7	cu, cr-cu, cr-st ...	6	fl-cu, cu-st	3	cu, hz	3	cu, cu-st, cr-hz ..	3	cu, cu-st, cr-hz ...	3
11	cu-hor	3	cu, cr-hz, cu-st ...	5	cu, hz	2	cu, hz	4	cu, cr-hz	2	cu, cr, cr-hz ...	3
12	cu, hz	2	cu, cr-st, hz ...	2	cu-st, cr-st, hz ...	4	cu, hz	4	cu, cr-st, cr-hz ...	4	... ...	
13	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cu, cr-hz [S-E,R	3
14	fl-cu, d-cr-hz ...	7	cu, cu-st, d-hz ...	7	ovt, lg-S, th ...	8	ovt, sh-lg	8	cu, cu-st, cr-hz,sh-lg	5	cu, cr-hz, nim, sh-lg-	7
15	cu, cr-hz, nim ...	7	cu, cr-hz, nim ...	8	cr-st, hz	4	cu-st, cr-st, hz ...	6	cu, cu-st, cr-hz, nim	7	ovt	8
16	ovt	8	ovt	8	cr, cr-hz, cr-st ...	5	ovt, R	8	ny-ovt	7	ovt	8
17	ovt	8	ny-ovt	7	ovt	8	ovt, R, lg-E... ...	8	ny-ovt	7	cr-hz, cu	5
18	ovt	8	ovt	8	ovt	8	ovt	8	ovt	8	ovt	8
19	ovt	8	ovt	8	ovt	8	cu, cu-st, cr-hz ...	5	cu, cu-st, cr-hz ...	4	... ...	
20	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cu, cr-hz, nim ...	7
21	cu, cr, cr-hz ...	5	cr-st, hz	2	clear	0	cu, hz	1	cu, cr, cr-hz ...	3	cu, cr-hz	3
22	cu, cu-st, cr-hz ...	3	ou, cr-hz	2	ny-clear	0	cu, hz	1	cu, cr-cu, cr-st, cr-hz, lg-	4	cr-st, cr-hz	2
23	cu, cr-cu, hz ...	5	cu, cr-st, hz, lg-S W.	4	lt-cu, hz, lg-S W ...	1	lt-cu, hz	1	cu,cu-st,cr-hz [NW	4	cu, cu-st, cr-cu, cr-hz	7
24	cu-hor, nim, th-W ...	3	cu-hor, lg-W ...	2	cu-hor, lg-W ...	1	cu,cr-hz,nim,fr-lg,W	8	cu, cu-st, cr-hz, nim	6	cu, cu-st, cr-hz ...	5
25	ny-clear	0	cu-hor, lg-N W ...	1	cu, cu-st, lg-N W ...	5	cu, cu-st, lg-N W ...	5	cu, cr-st, hz ...	4	cu, cr-st, hz ...	4
26	cu, cr-hz	6	cu-st,cr-st,d-hz,hl-☽	6	hy-cu, cu-st, nim,th,	7	cu, cu-st, cr-hz, nim,	7	cu, cu-st, cr-hz, nim	4	... ...	
27	... ...	...	... [lg-W-hor	...	... [lg-N W	...	... [fr-th, lg	...	... [fr-lg-N W	..	cu, cr-hz, nim, sh-lg	5
28	fl-cu,cu-st,cr-hz,nim	5	cu-st, cr-st,hz, lg-SW	4	cu-st, hz, sh-lg-S ...	4	cu, cr-st, hz, sh-lg-E	6	cu, cr-hz	6	cu, cr-hz, nim [SW	4
29	cu, cr, cr-hz ...	4	fl-cu, cr-hz, lg-S ...	6	fl-cu, nim, lg-S ...	8	ny-ovt	8	cu, cu-st, cr-hz, nim	7	cu, cu-st, cr-hz, nim	7
30	cu, nim, R	6	cr-cu, cu, hz ...	2	cu, hz	2	cu-st, cr-st, hz, hl-☽.	6	cu, cr-cu, cr-st ...	6	cu, cr-cu, cr-st ...	4

REMARKS ON THE WEATHER FOR THE MONTH OF OCTOBER 1857

1	cu, cu-st, cr-hz, nim.	6	ny-clear	0	clear	0	cu-st, cr-st, hz, sh-lg-N.	3	cu, cr-hz	3	cr, cr-hz	2
2	cu, cr-hz, cr-st ...	3	cr, cr-hz	3	cr-hz, cr-st	4	cu-st, cr-st, hz ..	6	ovt, hy-R, fr-ld-th....	8	ovt, lg-N W ...	8
3	cu, cr-cu, cr-hz ...	6	cr, cr-hz	2	cu, cr, cr-hz ...	4	cu, cr, cr-hz, hl-☽ ...	5	cu, cr-cu, cr-st, cr-hz	6	... ...	
4	... ...	...	.. ..	...	... ...	...	... ...	...	... .	...	cu, cr-st, cr-hz, lg-S	6
5	cu, cr-cu, cr-hz ...	3	cu-st,cr-st,hz, lg-SW	3	cu-st,cr-st,cr-cu,hz,lg-S	4	ny-clear	0	ny-clear	0	cu-hor	1
6	cu, cu-st, nim, th-W	4	cu-hor, lg-S ...	2	cr, cr-hz, lg-S W ...	1	cu, cr-hz, lg-SW ...	3	ny-clear	0	cu-hor	1
7	cu, cr-hz	3	cu-hor, lg-W ...	1	cu, hz, lg-W ..	1	cu	2	cu, cu-st	3	ny-clear	0
8	clear	0	clear, sh-lg-S-hor ...	0	ny-clear, sh-lg-S W-hor	0	ny-clear	0	cu, cr-hz	2	ny-clear	0
9	cu, cr-hz	2	fl-cu, cr-hz, nim ...	4	fl-cu, cr-hz, lg-SW...	4	cu, lt-hz, lg-W, NW.	3	cu, cr	2	cu, cu-st	3
10	cu, cr	2	cu, cr-st, hz, lg-N W	2	cu, cr-st, hz, lg-S ...	3	cu, cr-st, hz, lg-S W.	3	cu, cr-hz, nim ..	4	... ...	
11	... ...	...	... ...	...	... ...	...	... ...	...	... ...	..	cu, cu-st, cr-hz, lg-N	4
12	ovt	8	ovt	8	ovt	8	ovt	8	ovt, lg-S	8	ovt, R, fr-lg, th-S W	8
13	ovt, lt-R, th ...	8	ovt, R, lg-th ...	8	ovt	8	ovt	8	ovt	8	ovt, lt-R, lg-N,NE...	8
14	fl-cu, cr, cr-hz ...	8	fl-cu, nim	7	ny-ovt	7	ovt	8	ovt, R	8	ovt	8
15	ovt, lg-N E, lt-R ...	8	ovt, lt-R, r-b ...	8	ovt	8	ovt	8	cu, cr-hz, nim ...	4	cu, cu-st, cr-hz, nim	6
16	cu, cr, cr-hz ...	4	cu, hz	1	cu, hz	2	cu, hz	2	cu, cu-st, nim, sh-lg-	4	cu, cr-hz	2
17	cr-st, cr-hz	4	ny-clear	0	clear	0	fl-cu, lg-W	1	ny-clear ... [N W	0	... ...	
18	... ...	...	... ...	...	... ...	...	... ...	...	... ...	..	cu, cr, cr-hz ...	3
19	cu, cu-st, cr-hz ...	3	fl-cu, lg-N W-hor ...	1	cu, cr-st, hz ..	4	cu, cu-st, nim, lt-R..	7	cu, cr-hz	2	fl-cu...	3
20	cu, cr-hz	6	ny-clear	0	cu, hz, lg-E [W	2	cu, cu-st, hz, nim ...	6	cu, nim, lg-N W ...	4	cu, cr-hz	3
21	cu, cu-st, nim, cr-hz	7	ny-clear, lg-S, E, W.	0	cu, cu-st, hz, lg-E, S,	5	ovt, fr-lg-E, & SE,R,	8	ovt, lg-N	8	ovt	8
22	ovt, lt-R	8	ovt	8	ovt	8	ovt ... .. [th	8	ovt, lt-R	8	ovt	8
23	cu, cr-hz, nim ...	7	ovt	8	ovt, R	8	ovt, lt-R	8	ovt, R	8	ovt, lt-R	8
24	ovt, R	8	ovt, R	8	ovt, R, dis-th, lg-NE	8	ovt, R	8	ovt, hy-R	8	... ...	
25	... ...	...	... ...	...	... .	...	... ...	...	... ...	...	ovt, R	8
26	ovt	8	ovt	8	ovt	8	ovt	8	ovt, lt-R	8	ovt	8
27	ovt	8	ovt	8	ovt	8	ovt	8	ovt	8	ovt, lg-N E	8
28	ovt	8	ny-ovt, hl-☽) ...	7	ny-ovt	7	ny-ovt	7	cu, cr-hz	6	cu, cr-st, hz ..	5
29	ovt	8	ovt	8	ny-ovt	7	ny-ovt	7	ny-ovt	7	ny-ovt	7
30	ovt	8	ovt	8	ovt	8	ovt	8	ovt	8	ovt	8

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE

ard...around
cld....clouds or cloudy
cr or ci. cirri or cirro or cirrous
cu.....cumuli or cumulo
D.....dew
d.....dense
dis...distant
dt.....detached
E.....east
fg.....fog
fk.....forked
fl.....flying
fr.....frequent
g.....ground
hy....heavy
hl....halo
hor...horizon
hz....haze or hazy
ld....loud
lg....lightning
lt.....light
mt...meteor
N....north
nim..nimbi
ny...nearly
ov...overhead
ovt...overcast
ps....peals
pt.....part or partly or partial
R.....rain
r-b...rain-bow
S.....south
sc.....scattered
sh...sheet
st.....stratus
th...thunder
thi..thick
v.....very
viv..vivid
W....west

REMARKS ON THE WEATHER FOR THE MONTH OF SEPTEMBER 1857

Date	12	Cloudy sky in 8ths	14	Cloudy sky in 8ths	16	Cloudy sky in 8ths	18	Cloudy sky in 8ths	20	Cloudy sky in 8ths	22	Cloudy sky in 8ths	Thermometers: Radiation Sol.	Radiation Ter.	Air Max.	Air Min.
1	cu, cr-cu, cr-hz.	4	cu, cr-cu, cr-hz.	4	ny-clear	0	sc-cu, cu-st ...	4	sc-cu, cu-st ...	3	cu, cu-st	2	134·5	—	93·1	81·0
2	ovt	8	cu, cu-st, cr-hz..	7	cu,cr-cu,d-cr-hz,nim.	5	cr-cu, cr-hz, cu ...	3	sc-cu, cu-st ...	3	sc-cu, cu-st ...	4	142·5	—	93·4	82·1
3	d-cr-hz, cr-st,cu	6	cr-hz, cr-st ...	4	cr-st, cr-hz ...	4	cr-st, cr-hz ...	5	cu, cr-hz	5	cu, cr-hz	6	137·5	—	95·1	81·5
4	cu, cr-hz, cr-st..	6	cr-hz, cr-st ...	4	cr, cr-st, cr-hz ...	5	cr, cr-st, cr-hz ...	5	cu, cr-hz	4	cu, cr-hz	3	129·0	—	94·2	80·1
5	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	..	140·5	—	93·9	79·5
6	cr, cr-st, cr-hz..	4	d-cr-hz, cr-st ..	6	cr, cr-hz	5	cu, d-cr-hz ...	7	cu, d-cr-hz ...	6	cu, d-cr-hz ...	6	134·0	—	95·9	80·1
7	cr-hz, cr-st ...	5	cu, cr-st, cr-hz..	5	cr, cr-hz	6	cr, cr-hz	7	cr, d-cr-hz ...	7	cr, d-cr-hz ...	7	127·0	—	98·5	81·0
8	cu, cr-st, cr-hz..	6	ovt	8	cu, d-cr-hz ..	7	cu, d-cr-hz ...	7	cu, d-cr-hz ...	6	cu, d-cr-hz ...	5	120·5	—	98·0	82·1
9	cr-cu, cr-hz ...	8	ovt	8	ovt	8	ovt	8	cu, d-cr-hz ...	5	cu, d-cr-hz ...	7	125·7	—	96·5	81·9
10	ny-clear ...	0	clear	0	clear	0	clear	0	sc-cu, hz ...	1	fl-cu, cr-hz ...	4	135·7	—	94·1	78·7
11	cr-cu, cr-st ...	3	clear	0	clear	0	sc-cu	1	fl-cu, nim ...	5	cu, hz	3	140·5	—	92·8	79·1
12	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	140·0	—	97·1	79·1
13	cu, cr-hz ..	4	cu,cu-st,cr-hz,nim	7	cu, cr-hz, nim ...	8	ovt	8	fl-cu, d-cr-hz ...	8	fl-cu, d-cr-hz ...	8	129·0	—	95·5	81·6
14	cu, cr-hz, nim, sh-lg-E..	6	ovt	8	cu, cr-hz ...	6	cu, cr-cu, cr-hz ...	5	cu, cu-st, cr-hz ...	6	ovt, R	8	134·5	—	93·2	77·1
15	cu,cu-st,cr-hz,nim	6	ovt	8	ovt	8	ovt	8	ovt	8	ovt	8	ovt	—	86·7	78·3
16	ovt	8	ovt	8	ovt	8	ovt	8	ovt	8	ny-ovt	7	ovt	—	89·6	78·0
17	ovt	8	ovt	8	ny-ovt	7	ny-ovt	8	ny-ovt	8	ovt	8	ovt	—	87·8	77·4
18	cu,cu-st,cr-hz,nim	5	cu, cu-st, cr-cu, cr-hz, nim	7	ny-ovt	7	ny-ovt	7	cu, d-cr-hz ...	7	cu, or-hz, nim ...	8	115·5	—	94·2	80·2
19	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	..	128·7	—	98·0	79·7
20	ny-ovt, lg-N ...	7	ovt	8	cu, cr-cu, d-cr-hz..	7	ny-ovt	7	cu, cr-hz	6	cu, cr-hz	5	115·5	—	91·3	77·8
21	cu, cr-st, cr-hz, sh-lg-NW	4	cu, cr-hz, nim...	6	ny-ovt	7	cu, nim	7	cu, cu-st, hz ...	6	cu, cu-st, cr-hz ...	4	118·5	—	89·9	78·7
22	fl-cu, nim ...	6	fl-cu, cu-st, hz, nim	6	cu,cu-st,cr-hz, nim,R	6	cu, hy-cu ..	7	cu, nim	6	cu, cr-hz	4	106·5	—	88·3	79·1
23	cu,cu-st, cr-cu, cr-hz, nim	4	cu, cu-st ...	2	cu, cu-st	3	cu, cu-st	4	fl-cu	3	cu, cr-hz	3	108·4	—	91·7	79·3
24	cu, cu-st, cr-hz.	6	cr-cu, cr hz ...	2	ny-clear	0	clear	0	cu	2	cu-hor	2	136·4	—	91·6	79·2
25	cu, cu-st, nim ...	4	cu, cu-st, nim...	4	cr, cr-hz, cr-st ...	3	ny-clear	0	cu, cr-hz	3	cu, cu-st, cr-hz ...	4	129·0	—	94·3	80·3
26	.. ..	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	138·0	—	94·0	77·7
27	cu, cr-hz, nim...	2	cu, cu-st, cr-hz..	5	cu, cu-st, cr-hz ...	4	cu, cu-st, cr-hz ...	3	fl-cu, cu-st, cr-hz..	4	fl-cu,cu-st, cr-hz, nim	5	135·4	—	93·5	77·6
28	cu, cr-hz, nim, sh-lg-W ...	2	cu, cr-cu, cr-hz.	3	cr, cr-hz	1	cr, cr-hz, cu ...	1	cu, cu-st, cr-hz ...	5	cu, cr, cr-hz ...	3	144·5	—	93·8	75·8
29	cu, cr-st-hor ...	2	cu, cr-st, hz ...	2	cr-cu, cr-hz ...	2	cu, cu-st	4	cu, cu-st	4	cu, cu-st, nim ...	4	144·5	—	93·5	77·4
30	cu, hz	2	cu, cr-hz, cr-st..	4	cr-cu, cr-st, cr-hz.	3	cr-cu, cr-st, cr-hz .	4	cu, cr-hz, cr-st ...	6	cu, cr-hz, cr-st ...	4	144·5	—	94·9	76·8

REMARKS ON THE WEATHER FOR THE MONTH OF OCTOBER 1857

1	[lg-SE, lt-R cu, cu-st, hz, nim,	6	cu,cu-st,cr-hz,nim	5	cu, cr-cu, cr-hz ...	3	cu, cr-cu, cr-hz ...	3	fl-cu, cu-st, cr-hz..	4	cu, cr-hz, cr-st ...	2	144·5	—	94·1	77·9
2	cu, cu-st, cr-cu, hz	6	cu, cu-st, cr-hz.	5	cr-cu, cr-st, cr-hz.	5	cu, cu-st, cr-hz ...	4	cu, cu-st, cr-hz ...	3	cu, cr-cu, cr-hz ...	6	144·5	—	89·5	70·5
3	... [sh-lg-SE	..	... ...	...	... .	...	... ...	...	... ...	...	... ...	...	144·3	—	90 2	75·4
4	cu,cu-st,cr-hz,nim,	7	cu, cr-cu, cr-hz.	6	cu, cr, cr-hz ...	3	cr-st, cr-hz, nim...	4	fl-cu, cr-hz ...	3	cu, cu-st, nim ...	3	138·5	—	92·2	77·9
5	cu, cr-hz ...	1	cr, cr-hz ...	2	cu, cr-hz	2	fl-cu, hz	3	cu, cu-st, nim ..	4	cu, cu-st, cr ...	3	144·5	—	94·4	76·9
6	cu-hor	1	cu, cr-hor ...	3	cu, cu-st, cr-hz ...	4	cu, cu-st, cr-hz ..	4	cu, cu-st, nim ...	3	cu, cr	3	144·5	—	90·4	78·7
7	cu, cr-hz ...	3	clear	0	fl-cu, cu-st, hz ...	4	fl-cu, cu-st, hz ...	3	cu-hor	2	ny-clear	0	127·0	—	88·9	77·5
8	cr-st, cr-hz, cu..	3	cu, cr, cr-hz ...	4	fl-cu, cu-st, cr-hz..	4	fl-cu, cu-st, cr-hz..	4	fl-cu, cu-st, cr-hz..	4	cu, cr-hz... ...	3	130·5	—	89·7	77·1
9	cu, cr-st, cr-hz..	3	cu, cr-hz ...	2	fl-cu, cu-st, cr-hz..	4	fl-cu, cu-st, cr-hz..	4	cu, cr	3	cu, cr	3	135·5	—	89·6	77·8
10	... [N, NW, R	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	130·3	—	88·9	78·2
11	cu, cu-st, cr-hz, lg-	4	ovt, lt-R ...	8	ovt, R, th	8	ovt, R	8	ovt	8	ovt	8	ovt.	—	86·6	74·1
12	ovt,lt-R, fr-lg, th-S	8	ovt, R	8	ovt	8	ovt	8	fl-cu, nim, dis-th...	8	fl-cu, nim, dis-th...	8	ovt.	—	83·6	74·3
13	ovt	8	ovt	8	ovt	8	fl-cu, nim ...	8	fl-cu	8	fl-cu, cr, cr-hz ...	7	126·0	—	85·7	75·8
14	ovt, fr-lg-NE ...	8	ovt	8	ovt, R ... [th	8	ovt, hy-R ...	8	ovt, th ...	8	ovt, R	8	ovt.	—	82·8	74·2
15	ou, cr-st, hz .	4	cu, cr-st, hz ...	3	cu, cr-hz, nim-SW,	4	cu...	7	cu, cr-hz, nim ...	5	cu, cr-hz, nim ...	6	124·5	—	83·4	73·6
16	fl-cu, nim, lt-R..	3	cu,cu-st,cr-hz,nim,	7	ny-ovt	7	cu, cu-st, cr-hz ...	6	cu, cu-st, cr-hz ...	6	cu,cr-cu, cr-hz,cr-st	6	143·4	—	85·0	75·7
17	... ...	...	... ... [lt-R	...	... ...	.	... ...	...	.. ..	...	... ...	...	132·5	—	84·9	76·1
18	cu, cr, cr-hz ...	2	cu, cr-hz ...	4	cu, cr-st, cr-hz ...	3	cu,cu-st,cr-hz,nim	6	cu, cu-st, cr-hz ...	3	cu, cu-st, cr-hz ...	3	143·0	—	85·8	75·5
19	fl-cu, cu-st,hz, nim	3	cu, nim ...	6	cu, cu-st, cr-hz ...	6	cu, cu-st, cr-hz ...	6	cu, cu-st, cr-hz	6	cu, cr-hz	6	137·5	—	86·5	76·1
20	ny-ovt, lg-NW..	7	ny-ovt, R, r-b-E	7	cu, cu-st, cr-hz ...	6	cu, cu-st, cr-hz ...	6	ny-ovt	7	cu, cu-st, nim ...	6	140·5	—	85·7	76·2
21	cu, cr-hz ...	8	cu, cr-hz, nim, N	7	ovt	8	ovt	8	ovt, nim	8	ovt, R	8	ovt.	—	81·3	73·9
22	ovt, R	8	ovt	8	ovt	8	ovt	8	ovt	8	ny-ovt	7	110·5	—	80·1	74·1
23	ovt, R	8	ovt, R	8	ovt, R	8	ovt, R, th-E ...	8	ovt	8	ovt, R	8	ovt.	—	77·9	72·9
24	... ...	...	... .	...	... ...	...	... ...	...	... ...	...	... ...	...	ovt.	—	77·6	72·4
25	ovt, R	8	ovt, lt-R ...	8	ovt, lt-R, th-SE...	8	ovt, lt-R... ...	8	ovt, R	8	ovt, R	8	ovt.	—	77·2	73·2
26	ovt	8	ovt	8	ovt	8	ovt	8	ovt	8	ovt, th-NW ...	8	ovt.	—	79·9	75·0
27	ovt .. [NW	8	ovt	8	ny-ovt	7	ny-ovt	7	ny-ovt	7	ny-ovt	7	130·5	—	84·3	75·1
28	cu, cu-st, cr-hz, lg-	4	ny-ovt	7	ny-ovt	7	ny-ovt	7	ovt	8	ovt	8	120·5	—	83·4	75·4
29	ovt	8	ovt	8	ovt	8	ovt	8	ovt	8	ovt	8	115·5	—	83·5	71·6
30	ovt	8	ovt	8	ovt	8	ovt	8	ovt	8	ovt	8	ovt.	—	79·6	73·7

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE

ard..around
cld ...clouds or cloudy
cr or ci..cirri or cirro or cirrous
cu ...cumuli or cumulo
D ....dew
d .....dense
dis...distant
dt ...detached
E.....east
fg....fog
fk....forked
fl .....flying
fr ....frequent
g.....ground
hy ..heavy
hl....halo
hor ..horizon
hz ...haze or hazy
ld ....loud
lg....lightning
lt .....light
mt...meteor
N ....north
nim..nimbi
ny ..nearly
ov....overhead
ovt...overcast
ps....peals
pt ....part or partly or partial
R ....rain
r-b...rain-bow
S .....south
sc.....scattered
sh ....sheet
st ....stratus
th ....thunder
thi ...thick
v.....very
viv ...vivid
W ....west

REMARKS ON THE WEATHER FOR THE MONTH OF NOVEMBER 1857

Date	Göttingen Mean Time NOON	Cloudy sky in 8ths	2	Cloudy sky in 8ths	4	Cloudy sky in 8ths	6	Cloudy sky in 8ths	8	Cloudy sky in 8ths	10	Cloudy sky in 8ths
Oct. 31	ovt	8	ovt	8	ovt	8	ovt	8	ovt	8	... ...	...
1	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	ovt, lt-R	8
2	ovt	8	ny-ovt	7	ovt	8	ovt	8	cu, cr-cu, d-cr-hz ..	7	cu, cr-hz	5
3	cu, cu-st, cr-cu ...	4	cu, cu-st, hz, nim,lg-SW	5	cu cu-st, hz, nim ...	6	ny-ovt	7	ny-ovt, sh-lg-NE ...	7	cu, cr-hz	4
4	cu, cu-st, cr-hz ...	4	cu-st,cr-st,hz,lg,th-NW.	5	cu-st, hz, lg-NW, th.	4	hy-cu, hz, lg, th-NW	4	cu, cu-st, nim, sh-lg-W.	6	cu, cu-st	5
5	cu, cu-st, cr-st ..	5	cu, cu-st, lg-W, NW.	3	cu, cu-st, lg-W, NW.	4	ny-ovt	7	cu,cu-st,cr-cu,cr-hz..	6	cu, cu-st, nim ...	7
6	cu, cr	2	cu, cr-st, hz, lg-W...	1	cu, hz, lg-W ...	1	cu, hz, lg-W ...	1	clear	0	ny-clear	0
7	cu, cu-st, cr ...	2	clear	0	clear, lg-SW ..	0	clear	0	cu, cr-hz	7	... ...	...
8	... ...	...	... ...	...	... .	...	... ...	...	... ...	...	cr-cu, cr, cr-hz ..	5
9	sc-cu, cu-st... ...	3	fl-cu...	4	fl-cu, nim	5	fl-cu, nim	7	cu, cu-st, nim ...	5	cu, cu-st, nim ...	6
10	sc-cu, cu-st... ...	4	cu, cu-st	2	cu, cu-st	1	cu-st, hz	3	cu, cr-hz	2	ny-clear, D... ...	0
11	cu-hor	1	ny-clear	0	clear...	0	clear	0	clear	0	clear, D	0
12	sc-cu	3	cu, cu-st	4	cu, cu-st	3	cu-st, cr-st, hz ...	4	cu-hor	1	cu-hor, D	1
13	sc-cu	3	ny-clear	0	ny-clear	0	cu, cu-st, nim ..	6	cu, cr-hz	6	cu, cr-hz	3
14	cu, cu-st, cr-st ...	2	ny-clear	0	cu, hz	1	cu-st, cr-st, hz ...	3	cu, cu-st, nim ...	2	.. ..	...
15	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	ovt, hy-R	8
16	ovt, lt-R	8	ovt	8	ovt, lg-NW	8	ovt	8	ovt, R	8	ovt	8
17	fl-cu,cu-st,cr-hz,nim.	5	cu, cr-st, hz ...	3	lt-cu, cr-st, hz ...	3	cu, hz	4	cu, cr-hz	2	cu, cu-st, hz ...	3
18	cu,cu-st,cr-cu,cr-hz..	6	ovt	8	ovt	8	ovt	8	ovt	8	cu, cr-hz	4
19	cu,cu-st,cr-cu,cr-hz..	5	ny-ovt	7	ovt	8	ovt	8	ovt, lt-R	8	cu, cr-hz, nim ...	6
20	ovt	8	cu, cr-st, d-hz ...	6	cu, cu-st, hz ...	6	cu, cr-hz	2	cu, cr-hz	2	ny-clear	0
21	cu, cu-st, cr-hz ..	5	cu, cr-hz	3	cu, hz	1	cu, hz	1	clear	0	... ...	...
22	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	ny-clear	0
23	cu,cr-cu,cr-st,cr-hz..	5	cu, nim, hz... ..	7	cu, hz	2	fl-cu, hz	3	clear	0	clear	0
24	cu,cr-cu,cr-st,cr-hz..	6	cu, cr-st, cr-hz ...	4	cu, cr-st, cr-hz, bl-c	3	ny-clear	0	clear	0	clear	0
25	ny-clear	0	clear	0	clear	0	clear	0	clear	0	clear, D	0
26	clear	0	clear	0	clear	0	clear	0	clear, D	0	clear, D	0
27	ny-clear	0	clear	0	clear	0	clear	0	clear, D	0	clear, D	0
28	cu, cr-st	2	ny-clear	0	ny-clear	0	clear	0	clear	0	.. ..	...
29	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	ny-clear, D... ..	0
30	sc-cu	2	cu	1	cu, cr	1	clear	0	clear, D	0	clear, D	0

REMARKS ON THE WEATHER FOR THE MONTH OF DECEMBER 1857

1	sc-cu, hz	2	cu, cr, cr-hz ...	3	cu, d-cr-hz	6	cu, d-cr-hz... ...	5	cu, d-cr-hz	5	cu, d-cr-hz, D ...	4
2	fl-cu, hz	2	cr-st, hz	2	cu, cu-st	2	cu, d-hz	6	cu, cu-st, cr-hz ...	4	cu, cu-st, cr-hz, D...	3
3	fl-cu, hz	2	ny-clear	0	cu	1	fl-cu, hz	4	cu, cr-st	2	cu, cu-st, cr, D ...	2
4	cu, cr-hz	2	cu, cr-hz	2	cu, cr-hz	2	cu, cr-hz	2	cu, cu-st, cr ...	4	cu, cr-hz, D ...	3
5	cu, cr-hz, nim ...	8	cu-st, hz	4	hy-cu, nim... ...	5	cu, d-hz	3	fl-cu, d-hz	5	... ...	...
6	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cu, cr-hz, nim, lt-R..	8
7	cu, cr-cu, cr-hz ...	2	ny-clear	0	ny-clear	0	ny-clear, D	0	cu,cr-cu,cr-st,cr-hz..	4	cu,cr-cu,cr-st,cr-hz...	5
8	cr, cr-st, hz ...	1	ny-clear	0	ny-clear	0	ny-ovt	7	cu, cr-cu, cr-hz ...	6	ny-ovt	7
9	ovt	8	cr, cr-hz	2	ny-clear	0	ny-clear	0	cu, cr-st	3	cr-cu, cr-hz, D ...	2
10	ovt	8	ovt	8	ovt	8	ovt	8	ovt, lt-R	8	ovt, lt-R	8
11	ovt	8	ovt, lt-R	8	cu, cr-st, cr-hz ...	4	ny-ovt	7	ovt...	8	ovt	8
12	cu, cr-hz, nim ...	7	cu, hz, nim-S ...	3	cu, hz, nim	4	ny-clear	0	ny-clear	0	... ...	...
13	.. ..	...	... ...	...	... ...	...	... ...	...	... ...	...	ovt, lt-R	8
14	cu-hor	1	ny-clear	0	clear	0	clear	0	clear, D	0	clear, D	0
15	cu-hor	1	ny-clear	0	ny-clear	0	ny-clear	0	clear . ..	0	clear, D	0
16	cu-hor	1	ny-clear	0	clear	0	clear	0	clear, D	0	clear, D	0
17	ny-clear	0	ny-clear	0	ny-clear	0	clear	0	clear	0	clear, D	0
18	sc-cu	1	clear	0	clear	0	clear	0	clear, D	0	cu, cr-hz, nim ...	4
19	ovt	8	cu, hz	6	ovt	8	ovt	8	ovt	8	... ...	...
20	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	ovt	8
21	cu, cu-st, cr-hz ...	8	cu, cu-st, hz ...	7	cr-cu, hz	4	cu, hz	3	cu, hz	2	cu, hz, D	2
22	sc-cu, cu-st... ..	3	ny-clear	0	fl-cu	3	ny-ovt	7	ovt	8	ovt	8
23	ny-clear	0	clear	0	clear	0	cu, cr-cu, nim ...	7	cu, cu-st, hz ...	3	cu, cr-hz, D ...	2
24	fl-cu...	2	clear	0	cu	1	cu	2	cu, hz	3	cu, cr-hz	3
25	fl-cu, hz	3	cu, cu-st	7	cu, cu-st	7	ovt	8	ovt	8	ovt	8
26	cu, cu-st, cr-cu ...	3	ny-clear	0	cu, cr-cu, hz ...	5	cu, cr-cu	6	cu, cr-cu, hz ...	5	... .	...
27	... ...	...	... ...	...	... ...	...	... ...	...	... ...	..	cu, cu-st, cr, D ...	3
28	sc-cu, cu-st... ...	4	cu, cu-st	3	cu, cr-cu, cr-st, hz...	6	hy-cu,cu-st,cr-st,hz..	7	cr-cu, cu	6	cu, hz	5
29	cu, cu-st	2	fl-cu...	2	fl-cu...	1	fl-cu, cr-st, hz ...	2	cu, cr-st, cr-hz ...	6	cr-st, cr-hz, cr ...	5
30	ovt	8	ovt	8	ovt	8	ovt	8	ovt	8	ovt	8
31	cu, cu-st, cr-hz ...	5	cr-hz, cr-st, cu ...	5	cu, cu-st, d-hz ...	7	cu, cu-st, d-hz ...	5	cu, cr-cu, cr-hz ...	6	cu, cr-cu, cr-hz ...	5

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE

ard ..around
cld ..clouds or cloudy
cr or ci..cirri or cirro or cirrous
cu ....cumuli or cumulo
D ....dew
d .....dense
dis ...distant
dt ....detached
E.....east
fg ....fog
fk ....forked
fl .....flying
fr ....frequent
g .....ground
hy ...heavy
hl ....halo
hor...horizon
hz ...haze or hazy
ld ....loud
lg ....lightning
lt.....light
mt ...meteor
N. ....north
nim..nimbi
ny....nearly
ov ....overhead
ovt...overcast
ps ....peals
pt ....part or partly or partial
R. ....rain
r-b...rain-bow
S .....south
sc....scattered
sh ...sheet
st ....stratus
th ...thunder
thi ..thick
v .....very
viv ...vivid
W ....west

REMARKS ON THE WEATHER FOR THE MONTH OF NOVEMBER 1857

Date	12	Cloudy sky in 8ths	14	Cloudy sky in 8ths	16	Cloudy sky in 8ths	18	Cloudy sky in 8ths	20	Cloudy sky in 8ths	22	Cloudy sky in 8ths	Thermometers: Radiation Sol.	Radiation Ter.	Air Max.	Air Min.
31	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	ovt.	—	80·8	73·8
1	ovt	8	ovt	8	ovt	8	ny-ovt	7	ny-ovt	7	ny-ovt	7	112·0	—	85·6	74·3
2	cu, hz	3	cu, cu-st ...	3	cu, nim	6	ovt, lt-R	7	cu, cu-st, nim ...	5	cu, cu-st, cr-cu ...	3	113·1	—	85·1	76·4
3	cu, cu-st, cr-hz..	5	cu, cr, cr-hz ...	4	cu, cr-hz ...	4	cu, cu-st, nim ...	5	cu, cu-st	5	cu, cu-st, cr-cu ...	4	128·3	—	85·0	76·0
4	ovt, hy-R ...	8	cu, cr-cu ...	3	cu, cr-hz ...	5	cu, cu-st, nim ...	5	cu,cu-st,cr-hz,nim	4	cu, cu-st, cr-st ...	4	143·8	—	85·6	74·9
5	cu, cr-st, cr-hz..	6	cu, cr-cu ..	1	sc-cu, cu-st, cr....	4	cu, cu-st	5	cu, cu-st, cr-cu ...	4	sc-cu, cr	2	132·5	—	83·7	76·1
6	ny-clear ...	0	cr, cr-hz ...	...	sc-cu, cu-st ...	3	sc-cu, cu-st ...	2	sc-cu, cu-st ...	2	cu, cu-st, cr ...	2	142·5	—	83·8	73·4
7	... ...	...	... ...	8	... ...	...	... ...	...	. ...	...	... ...	..	144·1	—	83·3	73·2
8	cu, cu-st, cr-hz..	6	cu, cr-hz ..	5	cu, cu-st	3	fl-cu, cu-st, nim ...	5	sc-cu, cr	3	sc-cu, cr	2	134·5	—	82·7	72·3
9	cu, cu-st, hz ...	4	cu, cr-cu, cr-hz, lt-nim ...	2	cu, cu-st	4	cu, cu-st	4	sc-cu, cu-st ...	4	sc-cu, cu-st ...	4	136·3	—	82·4	73·2
10	sc-cu, hz, D ...	3	sc-cu, hz ...	2	cu-hz	1	fl-cu	3	sc-cu	4	sc-cu	3	132·3	—	81·8	70·6
11	ny-clear, D ...	0	cu, cu-st ..	3	cu	1	sc-cu	3	sc-cu	3	sc-cu	3	131·5	—	81·4	70·2
12	cu, cr-hz ...	3	cu, cr	2	cu, cu-st ..	2	fl-cu, nim ...	4	fl-cu, cu-st ...	5	fl-cu, cu-st ...	4	138·5	—	81·9	70·2
13	cu, cr, cr-hz ...	4	cu, cu-st ...	...	cu,cr-cu,cr,lt-nim.	4	cu, cr-hz... ...	2	cu, cu-st, cr-st ...	4	cu, cu-st, cr-st ...	4	130·5	—	82·3	70·5
14	.. ..	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	136·0	—	81·1	70·6
15	ovt, R	8	ovt, R, r-b ...	8	ovt, R, th-N W ...	8	ovt	8	ovt	8	ovt	8	ovt.	—	80·9	72·0
16	ovt	8	ovt, lt-R ...	8	ovt	8	ny-ovt	7	ny-ovt	7	fl-cu,cu-st,cr-hz,nim	6	120·7	—	82·7	73·2
17	cu, cr-hz ...	2	cu, cr-cu, cr-hz.	3	cu, cr-hz... ...	3	cu, cr-hz	3	cu, cu-st, cr-hz ...	5	cu, cu-st, cr-hz ...	5	126·5	—	81·7	75·3
18	cu, cr-hz ...	3	ovt	8	ny-ovt	7	ny-ovt	7	cu, cu-st, cr-cu, cr-hz	5	cu,cu-st,cr-cu,cr-hz	4	124·0	—	80·8	72·1
19	ny-ovt	7	ovt, lt-R ...	8	ovt	8	ovt	8	cu, cu-st, cr-hz ..	6	ny-ovt	7	103·5	—	79·9	71·7
20	cu, cr-hz ...	2	cr-cu, cr-hz ...	3	cr, cr-st, cr-hz ...	5	cr, cr-st, d-cr-hz...	7	cu, cr-st, cr-hz ...	5	cu, cr-st, cr-hz ...	4	125·3	—	79·8	69·2
21	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... .	...	134·5	—	79·2	67·9
22	cr, cr-hz ...	3	cu, cr-hz, nim...	5	cr-st, cr-hz ...	4	cu, cr, cr-hz ...	6	cu,cr-cu,cr-st,cr-hz.	6	cu,cr-cu,cr-st,cr-hz	6	117·7	—	80·4	71·0
23	cu, d-cr-hz ...	5	cu, nim ...	2	cu, cu-st, nim ...	5	cu, cu-st, nim ...	6	cu, cu-st, cr-hz ...	5	cu, cu-st, cr-hz ...	5	124·1	—	81·6	71·4
24	clear	0	cu, cr-st ...	1	ny-clear	0	fl-cu, cu-st ...	3	sc-cu, cu-st ...	4	cu, cr-hz	2	126·3	—	81·3	69·8
25	clear, D ...	0	cu-E-hor, D ...	0	clear	0	cu, hz	1	ny-clear	0	clear	0	130·4	—	81·0	68·1
26	clear, D ...	0	clear	0	clear	0	clear	0	sc-cu	3	sc-cu, cu-st ...	4	137·4	—	82·9	67·1
27	ny-clear, D ...	0	clear	0	cr, cr-st, hz ...	1	fl-cu, cr-st ...	2	cu, cr, cr-hz ...	3	cu, cr-hz	2	133·5	—	82·6	70·0
28	.. ..	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	137·0	—	82·7	71·3
29	clear, D ...	0	cr-st, cr-hz ...	3	cu, cr-hz	3	cu, cr-st, cr-hz ...	3	cu, cr, cr-st, ...	3	cu, cr, cr-st ...	2	138·0	—	82·1	69·4
30	clear, D ...	0	cr-st, cr-hz ...	1	ny-clear	0	cu, cu-st, cr-hz ...	3	cu, cr-hz-hor ...	3	sc-cu, hz	2	130·5	—	80·8	68·0

REMARKS ON THE WEATHER FOR THE MONTH OF DECEMBER 1857

1	cu, cr-hz ...	2	cu, cr-st ...	2	sc-cu, cu-st ...	3	cu, cu-st	3	cu, cu-st	4	fl-cu	3	142·5	—	79·9	70·0
2	cu, cr-hz ..	2	cu, cr-st, hz ...	2	cu, cr, cr-st ...	3	cu, cu-st	4	cu, cu-st	4	fl-cu, hz	3	130·5	—	79·8	69·0
3	cu, hz	3	cu, cu-st, cr-hz.	3	cu, cr-cu, cr-hz ...	5	fl-cu, cu-st, nim...	5	cu, cu-st, cr-hz ...	5	cu, cr-hz	3	130·5	—	80·0	68·2
4	cu-hor, D ...	1	cu, cr-hz ...	2	clear	0	cu, cu-st, cr-hz ...	3	cu, cu-st, cr-hz ...	4	cu, cr-cu, cr-hz ...	6	132·5	—	80·6	69·4
5	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	125·7	—	78·8	69·9
6	cu, cr-hz, nim...	8	cu, cr-cu, cr-hz.	3	cr, cr-st, cr-hz ...	5	cu, cr-st, cr-hz ..	4	cr-st, cr-hz, cu ...	3	cu, cr-cu, cr-hz ..	3	130·5	—	79·7	69·3
7	cu, cr-cu, cr-hz..	4	cu, cr-cu, cr-hz.	4	cr, cr-st, cr-hz ...	3	cr, cr-st, cr-hz ...	5	cr-st, cr-hz, cu ...	4	cr, cr-st, cr-hz ...	3	132·5	—	78·7	64·7
8	ovt	8	ovt	8	ovt	8	ovt	8	ovt	8	ovt	8	116·5	—	77·7	69·8
9	cu, cr-hz, D ...	3	cu, cr-st, cr-hz..	4	cr-st, cr-hz ...	4	cr-st, cr-hz ..	5	cu, cr, d-cr-hz ...	4	ovt	8	120·5	—	78·2	65·1
10	ovt, lt-R ...	8	ovt, lt-R ...	8	ovt	8	ovt, lt-R	8	ovt, lt-R	8	ovt	8	ovt.	—	74·8	68·0
11	ovt	8	ny-ovt,lt-R,r-b ..	8	ovt	8	ovt	8	ny-ovt	7	ovt	8	101·1	—	81·7	72·6
12	... ...	...	... ...	...	... ...	...	... ...	...	. .. .	...	... ...	...	143·5	—	81·6	69·4
13	ny-clear, D ...	0	cu, cr-hz ..	2	fl-cu, cr-hz ...	6	fl-cu, cr-hz ...	4	sc-cu	2	cu-hor	2	141·5	—	81·5	72·2
14	cu, cr-hz, D ...	2	clear, g-fg ...	0	fl-cu, cr-hz ...	4	fl-cu, cr-hz ...	5	fl-cu, nim ..	5	cu-hor	2	145·5	—	81·6	71·1
15	clear, D ...	0	cu, cr-hz ...	2	sc-cu, hz	2	fl-cu, cr-hz ...	4	sc-cu	3	cu-hor	1	137·0	—	80·4	69·4
16	clear, D ...	0	clear	0	clear	0	cu, cr-hz	3	fl-cu	2	cu-hor	1	142·5	—	79·9	66·3
17	clear, D ...	0	cu, cr-hz ...	1	ny-clear	0	fl-cu	2	cu, cu-st	3	sc-cu ...	1	140·7	—	80·7	67·1
18	cu, cr-cu, D ...	3	cu, cr-cu, cr-hz.	5	cu, hz	2	fl-cu	6	fl-cu, uim ..	6	ovt, R	8	136·0	—	80·3	68·3
19	.. ..	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	100·5	—	80·2	71·0
20	ny-ovt ...	7	ny-ovt	7	ny-ovt	7	fl-cu, cr-hz ...	6	fl-cu, cr-hz ...	6	cu, cu-st, cr-hz ...	6	124·5	—	79·9	71·0
21	cu, hz, D ...	2	cu, cu-st ...	2	cu, cu-st-hor ...	2	cu...	1	fl-cu, cu-st ..	3	fl-cu, cu-st ...	3	122·7	—	79·9	72·8
22	ovt	8	ny-ovt	7	ny-ovt	7	cu, cu-st, cr ...	3	cu, cu-st, cr ...	3	cu-hor	1	127·5	—	79·4	72·7
23	cu, cu-st, D ...	2	cu	2	cu, cu-st, hz ..	3	cu, cr-cu	2	cu, hz	3	cu, hz	3	134·4	—	79·1	68·0
24	cu, cr-hz ...	3	cu, cr-cu, cr-hz.	4	fl-cu, cr	6	fl-cu, cr	3	cu, hz	2	cu, hz	2	135·5	—	79·3	71·3
25	ovt	8	ny-ovt	7	cu, cr-hz	3	cu, cr-hz	2	cu, cr-cu, cr-hz ...	4	cu,cu-st, cr-cu, cr-hz.	4	129·1	—	79·9	72·5
26	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	126·5	—	79·1	68·0
27	cu,cu-st,cr-cu,D	3	cu,cu-st,cr-cu,D	3	fl-cu, cu-st, nim ...	4	fl-cu, cu-st ...	3	cu, cu-st	4	cu, cu-st	4	127·2	—	78·6	66·8
28	cu, hz	4	cu, cu-st, nim...	3	cu, cr-cu, cr ...	4	cu, cr-st, hz ...	5	cu, cu-st	4	cu, cu-st	3	129·5	—	79·3	70·7
29	cr-st cr-hz, cr, D	3	cu, cr-hz .	2	cu, cr-hz	2	cu, cu-st. cr ...	3	cu, cu-st ...	4	cu, cr-hz, uim ...	8	130·5	—	80·1	67·8
30	ny-ovt ...	7	cu,cu-st,cr-hz, nim	5	cu,cu-st,cr-hz,uim	5	fl-cu, cu-st, cr-hz..	4	fl-cu,cu-st,cr-hz,nim.	6	cu,cu-st,cr-hz,uim	7	127·5	—	79·9	72·5
31	cu, cr-cu, cr-hz.	4	fl-cu,cu-st,cr-hz	6	fl-cu, cu-st, cr-hz..	5	fl-cu, cu-st, cr-hz..	5	cu, cr-hz	7	cu, cr-hz	7	120·5	—	79·9	70·3

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE.

ard....around
cld....clouds or cloudy
cr or ci. cirri or cirro or cirrous
cu....cumuli or cumulo
D.....dew
d.....dense
dis....distant
dt.....detached
E.....east
fg.....fog
fk.....forked
fl.....flying
fr.....frequent
g.....ground
hy.....heavy
hl.....halo
hor..horizon
hz ...haze or hazy
ld....loud
lg....lightning
lt.....light
mt...meteor
N.....north
nim..nimbi
ny...nearly
ov....overhead
ovt..overcast
ps....peals
pt....part or partly or partial
R.....rain
r-b...rain-bow
S.....south
sc...scattered
sh... sheet
st.....stratus
th....thunder
thi...thick
v .....very
viv...vivid
W.....west

MADRAS 1858

METEOROLOGICAL OBSERVATIONS

BAROMETRIC PRESSURE

Barometer at 32°=29 English Inches + the number in the Table

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h m 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
										+0·016*		−0·054*													
1	1·032	1·046	1·066	1·089	1·104	1·107	1·099	1·095	1·078	1·064	1·046	·040	1·045	1·053	1·064	1·078	1·098	1·104	1·094	1·062	1·031	1·005	0·997	0·993	1·104
2	0·997	·007	·019	·047	·064	·072	·070	·054	·041	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	—	·019	0·994	0·997	·011	·035	·052	·084	·110	·111	·101	·072	·038	0·998	·984	·971	·039
4	·974	0.988	·002	·025	·036	·038	·020	·018	·009	0·992	·971	·969	0·978	0·984	·008	·037	·060	·060	·049	·023	·004	·965	·950	·946	·004
5	·952	·963	0·984	·005	·023	·017	·009	·006	0·998	·977	·953	·950	·957	·972	0·998	·030	·053	·064	·064	·033	·002	·966	·951	·949	0·995
6	·955	·962	·988	·023	·035	·041	·036	·032	1·008	1·003	·994	·993	1·002	1·008	1·024	·055	·075	·074	·068	·038	0·999	·968	·951	·945	1·012
7	·958	·970	·992	·018	·032	·035	·023	·019	·017	·007	·994	·991	0·998	0·994	·013	·028	·055	·053	·049	·010	·971	·950	·930	·913	·001
8	·919	·930	·951	0·968	0·992	·006	·001	0·994	0·979	0·955	·927	·924	·932	·937	0·953	0·980	·000	·011	·004	0·967	·938	·910	·898	·900	0·957
9	·906	·921	·944	·975	·994	0·998	0·992	·978	·956	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	·943	·927	·922	·927	·934	·947	·987	·007	·011	·005	·987	·945	·914	·896	·896	·955
11	·904	·912	·935	·958	·975	·975	·977	·966	·951	·928	·902	·896	·900	·907	·940	·968	0·991	·002	0·997	·975	·937	·906	·888	·882	·940
12	·881	·897	·916	·951	·966	·969	·968	·961	·954	·936	·915	·912	·919	·940	·955	·980	1·005	·010	1·004	·980	·947	·935	·914	·918	·947
13	·931	·942	·956	·983	1·002	1·010	1·002	·989	·977	·963	·946	·939	·943	·951	·963	·998	·020	·040	·040	1·016	·993	·955	·937	·925	·976
14	·940	·947	·972	·993	·022	·021	·014	1·002	·990	·986	·979	·972	·975	·993	1·013	1·029	·054	·051	·040	·017	·990	·956	·939	·937	·993
15	·949	·954	·977	1·004	·023	·029	·015	·004	·998	·989	·977	·972	·978	·984	·009	·042	·070	·072	·062	·034	1·004	·975	·958	·957	1·002
16	·963	·972	·980	·004	·029	·034	·025	·021	1·013	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	—	—	·981	·946	·948	·960	·974	0·997	·031	·055	·055	·047	·021	0·985	·952	·937	·922	0·994
18	·931	·936	·952	0·973	0·984	0·993	0·985	0·978	0·961	·947	·929	·929	·939	·946	·970	0·986	·015	·024	·013	0·992	·975	·946	·910	·895	·963
19	·906	·910	·917	·942	·964	·965	·959	·949	·936	·931	·922	·926	·940	·954	·968	·989	·009	·018	·004	·982	·958	·931	·904	·896	·949
20	·902	·918	·931	·952	·966	·975	·975	·961	·954	·939	·921	·917	·923	·930	·951	·978	·001	·005	0·987	·964	·940	·906	·874	·868	·943
21	·863	·872	·884	·901	·916	·921	·915	·910	·903	·898	·889	·885	·891	·900	·916	·925	0·952	0·959	·944	·906	·876	·844	·825	·811	·896
22	·822	·839	·853	·872	·895	·910	·909	·902	·894	·889	·881	·885	·900	·922	·943	·977	1·005	1·019	1·010	·989	·963	·937	·918	·916	·919
23	·916	·923	·935	·954	·984	·999	1·004	·992	·978	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	—	·990	·998	·994	1·000	1·011	1·022	1·050	·081	·098	·093	1·070	1·040	1·007	·986	·978	·963
25	·971	·992	1·008	1·038	1·052	1·056	·060	1·047	1·045	1·033	1·017	1·011	·016	·036	·052	·075	·096	·094	·086	·058	·036	0·997	·962	·952	1·033
26	·955	·973	0.993	·008	·025	·043	·046	·034	·025	·015	·001	0·991	0·991	·015	·035	·057	·087	·092	·083	·046	·028	·999	·975	·967	·020
27	·982	·987	1·006	·026	·052	·058	·046	·028	·026	·010	0·990	·982	·984	·013	·027	·065	·090	·098	·084	·063	·041	1·013	·991	·982	·027
28	·986	1·005	·023	·047	·063	·085	·080	·060	·058	·048	1·035	1·028	1·032	·048	·063	·079	·096	·116	·105	·089	·053	·023	1·007	·996	·051
29	1·005	·017	·042	·061	·084	·098	·097	·087	·081	·075	·065	·059	·064	·080	·085	·114	·135	·145	·138	·120	·087	·057	·036	1·032	·078
30	·036	·051	·075	·100	·120	·126	·126	·109	·097	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
31	—	—	—	—	—	—	—	—	—	·077	·054	·051	·059	·072	·077	·107	·133	·139	·127	·104	·071	·044	·028	·017	·084
Means	0·944	·955	·973	0·997	1·015	·022	·017	·008	0·997	·984	·968	·965	·972	·984	1·002	·028	·052	·059	·050	·024	0·994	·964	·944	·937	0·994
										−0·005*		−0·062*													
1	1·015	1·026	1·036	1·058	1·070	1·073	1·074	1·066	1·058	1·048	1·038	1·023	1·021	1·037	1·051	1·065	1·077	1·090	1·084	1·056	1·037	1·011	0·999	0·998	1·046
2	·003	·010	·031	·072	·078	·089	·081	·080	·070	·053	·037	·030	·036	·059	·064	·078	·104	·103	·092	·084	·055	·018	1·002	·993	·055
3	0·999	·006	·018	·029	·048	·066	·064	·046	·029	·017	·005	0·996	·000	·022	·037	·070	·079	·082	·078	·044	·014	0·990	0·967	·960	·028
4	·971	0·981	0·995	·013	·033	·047	·040	·021	·009	0·986	0·963	·955	0·959	0·954	0·958	0·989	·020	·016	·008	0·982	0·956	·931	·905	·900	0·983
5	·902	·915	·933	0·961	0·989	0·999	·005	·001	0·988	·980	·972	·963	·966	·979	·991	1·018	·035	·043	·022	·997	·963	·939	·917	·911	·975
6	·916	·931	·948	·995	1·015	1·036	·037	·037	1·014	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	—	1·005	·997	·988	·991	1·006	1·019	·043	·073	·085	·073	1·053	1·028	·995	·973	·969	1·009
8	·967	·979	·994	1·010	·029	·037	·032	·026	·003	0·990	·977	·969	·973	0·993	·011	·027	·053	·060	·062	·045	·017	·985	·956	·938	·006
9	·936	·940	·951	0·977	·005	·024	·030	·021	·016	1·008	1·001	·989	·989	1·004	·013	·045	·069	·079	·069	·052	·018	·981	·953	·946	·005
10	·947	·958	·975	1·001	·030	·048	·052	·044	·008	0·994	0·981	·982	·996	·011	·020	·033	·056	·067	·056	·029	0·997	·963	·944	·936	·005
11	·936	·944	·965	0·987	·010	·015	·012	·005	0·993	·981	·969	·963	·969	0·981	0·996	·009	·040	·045	·028	·003	·969	·936	·909	·894	0·982
12	·892	·902	·921	·945	0·971	0·973	0·976	0·964	·954	·939	·924	·920	·928	·952	·965	0·989	·011	·031	·013	0·982	·950	·917	·889	·890	·950
13	·892	·902	·918	·945	·965	·980	·980	·975	·972	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	·946	·920	·918	·929	·955	·975	1·004	·036	·041	·027	·999	·975	·952	·942	·936	·962
15	·940	·948	·967	·991	·999	1·003	1·007	·999	·998	·983	·969	·964	·971	·992	1·015	·021	·055	·060	·050	1·028	1·005	·989	·972	·973	·996
16	·977	·997	1·023	1·044	1·063	·067	·061	1·051	1·042	1·029	1·017	1·010	1·016	1·035	·052	·074	·103	·112	·094	·066	·039	1·016	1·005	1·001	1·041
17	1·003	1·019	·041	·057	·075	·078	·071	·065	·055	·038	·021	·020	·032	·052	·061	·090	·116	·132	·113	·088	·058	·026	·016	·010	·056
18	·010	·015	·030	·049	·057	·063	·053	·042	·038	·020	·003	0·998	·006	·021	·038	·055	·073	·092	·082	·066	·028	·005	0·987	0·980	·034
19	0·978	0·986	0·999	·027	·042	·044	·029	·012	·008	0·985	0·962	·964	0·978	·006	·010	·033	·048	·053	·044	·012	0·978	0·954	·932	·920	·000
20	·936	·945	·966	0·984	·008	·017	·013	·003	0·996	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	—	·980	·965	·959	·966	0·987	·006	·036	·057	·063	·058	·032	·999	·976	·956	·950	0·994
22	·964	·975	·988	1·013	·041	·057	·059	·057	1·034	1·018	1·002	·994	·998	1·012	·035	·058	·079	·101	·089	·061	1·028	1·001	·982	·980	1·026
23	·981	·992	1·023	·048	·072	·068	·068	·055	·031	·021	·011	·998	·997	·010	·019	·032	·048	·050	·046	·025	0·999	0·957	·944	·936	·018
24	·936	·940	0·951	0·985	·004	·011	·007	0·999	0·989	0·971	0·953	·946	·952	0·961	0·973	·008	·030	·040	·027	0·993	·958	·929	·907	·896	0·974
25	·896	·899	·907	·920	0·938	0·955	0·960	·941	·938	·927	·916	·903	·902	·917	·933	0·962	0·975	0·985	0·980	·950	·926	·894	·872	·866	·928
26	·872	·888	·908	·938	·946	·949	·945	·935	·907	·906	·905	·904	·915	·930	·958	·982	1·001	1·013	·999	·983	·947	·926	·898	·892	·935
27	·888	·900	·919	·939	·958	·960	·968	·961	·941	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	·908	·876	·873	·883	·887	·908	·936	0·956	0·981	·971	·944	·908	·876	·849	·820	·917
Means	0·948	·958	·975	·999	1·019	·027	·026	·017	·004	0·989	·974	·968	·974	·990	1·005	·027	·050	·059	·049	·024	0·994	·965	·945	·937	0·997

JANUARY 1858

FEBRUARY 1858

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means, and the numbers at the head of them are corrections of interpolations.

BAROMETRIC PRESSURE

Barometer at 32°=29 English Inches+the number in the Table.

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
										*−0·028		*−0·061													
1	0·818	0·832	0·860	0·877	0·890	0·894	0·896	0·890	0·872	0·850	0·834	0·830	0·839	0·875	0·899	0·902	0·927	0·937	0·921	0·885	0·849	0·820	0·793	0·774	0·865
2	·774	·790	·808	·837	·852	·867	·863	·851	·849	·833	·822	·820	·831	·858	·869	·898	·933	·952	942	·919	·890	·860	·840	·831	·858
3	·826	·837	·856	·892	·913	·924	·916	·907	·906	·884	·867	·871	·888	·894	·904	·931	·951	·960	·962	·939	·918	·891	·870	·851	·898
4	·851	·864	·883	·892	·905	·912	·906	·896	·894	·881	·874	·876	·891	·915	·927	·956	·979	·987	·985	·954	·920	·890	·863	·859	·907
5	·867	·873	·885	·904	·920	·927	·925	·918	·914	·893	·878	·874	·883	·896	·920	·944	·967	·980	·976	·954	·929	·908	·876	·875	·912
6	·882	·887	·903	·930	·942	·945	·937	·924	·920	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	—	·902	·889	·881	·886	·904	·923	·954	·976	·991	·983	·954	·933	·905	·898	·878	·922
8	·882	·891	·902	·924	·942	·955	·955	·939	·922	·907	·898	·892	·899	·914	·949	·969	·993	·996	·983	·956	·930	·899	·869	·859	·926
9	·859	·872	·908	·926	·948	·955	·943	·935	·914	·895	·882	·871	·872	·894	·916	·951	·975	·982	·970	·944	·906	·888	·866	·855	·914
10	·859	·865	·883	·916	·940	·947	·953	·946	·935	·923	·917	·911	·917	·944	·958	·983	1·001	1·012	1·002	·978	·947	·921	·893	·882	·935
11	·890	·902	·918	·951	·961	·982	·986	·977	·970	·951	·937	·931	·938	·951	·962	·986	·009	·016	·007	·984	·954	·930	·896	·884	·953
12	·882	·888	·912	·934	·960	·984	·976	·965	·945	·927	·914	·906	·911	·934	·959	·990	·008	·016	·004	·981	·944	·915	·883	·871	·942
13	·873	·883	·908	·939	·951	·964	·960	·949	·937	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	·921	·910	·908	·919	·941	·958	·989	·013	·017	·008	·986	·954	·937	·912	·897	·943
15	·898	·909	·922	·942	·967	·974	·969	·963	·952	938	·929	·927	·937	·953	·968	·996	·007	·010	·007	·987	·958	·930	·904	·889	·951
16	·885	·895	·914	·927	·951	·959	·969	·965	·956	·938	·925	·913	·913	·923	·941	·954	0·961	0·975	0·962	·939	·916	·886	·863	·851	·928
17	·856	·864	·883	·902	·931	·945	·951	·949	·941	·921	·907	·900	·905	·920	·943	·970	·990	1·004	·986	·961	·941	·913	·884	·871	·927
18	·876	·886	·901	·930	·953	·962	·972	·969	·961	·943	·931	·922	·926	·948	·973	·993	1·013	·026	1·023	·996	·969	·937	·907	·893	·950
19	·892	·904	·916	·944	·969	·991	1·002	·994	·980	·966	·957	·952	·959	·968	·995	1·015	·045	·054	·043	1·022	1·001	·979	·953	·947	·977
20	·950	·955	·979	·987	·997	1·001	·001	·984	·979	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	—	·956	·938	·921	·916	·923	·952	0·981	0·998	·002	0·980	0·961	0·938	·909	·890	·876	·957
22	·873	·885	·905	·935	·949	0·962	0·964	·952	·938	·922	·912	·901	·903	·923	·943	·963	·980	0·973	·963	·942	·914	·884	·856	·840	·924
23	·847	·867	·886	·909	·945	·962	·965	·943	·907	·897	·893	·890	·900	·914	·943	·980	1·002	1·002	·992	·966	·934	·910	·886	·877	·926
24	·884	·891	·917	·937	·967	·973	·978	·975	·941	·923	·911	·907	·915	·935	·960	·993	·007	·006	·984	·965	·932	·920	·877	·867	·940
25	·863	·876	·885	·913	·934	·948	·951	·930	·918	·896	·880	·866	·865	·884	·915	·951	0·954	0·959	·950	·926	·895	·863	·846	·840	·905
26	·839	·856	·870	·902	·919	·939	·941	·924	·912	·894	·881	·865	·861	·871	·899	·910	·939	·938	·927	·898	·879	·854	·826	·820	·890
27	·826	·842	·867	·884	·897	·907	·909	·903	·889	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	·856	·829	·826	·835	·843	·874	·901	·931	·932	·922	·891	·866	·831	·802	·794	·869
29	·792	·814	·831	·850	·876	·891	·895	·884	·876	·856	·841	·837	·846	·857	·891	·929	·935	·932	·914	·888	·859	·826	·794	·776	·862
30	·777	·788	·791	·813	·836	·851	·852	·844	·825	·811	·802	·804	·819	·841	·855	·881	·893	·886	·865	·836	·807	·779	·741	·745	·823
31	·746	·756	·781	802	·828	·848	·854	·851	·846	·840	·839	·836	·846	·855	·877	·897	·905	·905	·902	·891	·877	·856	·837	·812	·845
Means	0·854	·866	·884	·907	·928	·940	·940	·931	·918	·901	·889	·883	·890	·907	·929	·954	·974	·980	·969	·945	·917	·890	·864	·852	0·913
										*−0·026		*−0·058													
1	0·812	0·829	0·842	0·884	0·911	0·930	0·932	0·921	0·899	0·885	0·877	0·871	0·876	0·886	0·901	0·923	0·940	0·952	0·945	0·932	0·899	0·872	0·843	0·832	0·891
2	·836	·846	·867	·884	·908	·932	·927	·913	·900	·879	·863	·857	·862	·863	·881	·900	·914	·928	·913	·881	·846	·806	·789	·783	·874
3	·785	·804	·822	·846	·872	·881	·873	·862	·839	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	·831	·829	·827	·836	·851	·876	·904	·915	·917	·909	·885	·865	·836	·811	·797	·853
5	·785	·810	·837	·854	·873	·889	·883	·875	·858	·847	·841	·833	·836	·853	·885	·906	·922	·925	·913	·888	·860	·837	·807	·803	·859
6	·810	·817	·839	·863	·888	·928	·906	·889	·862	·847	·837	·822	·819	·827	·851	·871	·884	·882	·863	·837	·813	·772	·765	·741	·843
7	·743	·760	·784	·806	·826	·835	·831	·820	·815	·792	·774	·776	·789	·798	·817	·838	·875	·867	·861	·835	·807	·780	·760	·747	·806
8	·757	·778	·814	·826	·848	·858	·855	·854	·844	·822	·806	·803	·811	·829	·860	·886	·905	·895	·877	·860	·828	·796	·773	·764	·831
9	·766	·776	·800	·823	·860	·866	·870	·843	·830	·819	·813	·812	·822	·837	·856	·883	·892	·884	·866	·832	·793	·751	·730	·703	·822
10	·688	·718	·731	·764	·793	·799	·815	·803	·790	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	·772	·759	·764	·780	·794	·820	·853	·871	·868	·850	·824	·800	·768	·747	·731	·788
12	·731	·746	·753	·789	·818	·847	·851	·839	·822	·806	·795	·800	·816	·831	·841	·867	·900	·891	·878	·849	·815	·782	·762	·745	·816
13	·735	·748	·771	·798	·832	·849	·855	·841	·826	·809	·797	·794	·803	·815	·841	·860	·879	·878	·871	·847	·824	·795	·768	·745	·816
14	·744	·756	·783	·811	·837	·859	·875	·872	·844	·835	·831	·829	·838	·845	·863	·885	·898	·909	·902	·882	·851	·817	·797	·789	·840
15	·779	·803	·824	·857	·873	·877	·882	·880	·866	·858	·856	·854	·863	·878	·897	·920	·937	·940	·930	·913	·885	·870	·853	·834	·872
16	·826	·831	·871	·890	·916	·923	·931	·916	·901	·894	·892	·888	·896	·906	·916	·938	·948	·941	·931	·911	·880	·858	·840	·819	·894
17	·810	·828	·850	·873	·896	·898	·901	·905	·900	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	·875	·856	·846	·847	·856	·896	·921	·942	·934	·925	·907	·876	·852	·816	·795	·875
19	·780	·792	·811	·832	·858	·873	·889	·887	·874	·866	·863	·854	·856	·850	·885	·919	·922	·913	·901	·880	·850	·822	·803	·780	·857
20	·777	·800	·841	·861	·892	·905	·909	·893	·874	·859	·849	·852	·867	·889	·913	·942	·947	·947	·935	·907	·874	·848	·834	·826	·877
21	·832	·843	·876	·894	·913	·925	·927	·931	·905	·887	·874	·881	·900	·910	·930	·960	·975	·971	·947	·926	·885	·864	·851	·834	·902
22	·830	·845	·866	·884	·903	·920	·920	·906	·890	·876	·867	·862	·868	·882	·900	·923	·930	·926	·912	·880	·838	·825	·783	·768	·875
23	·760	·773	·806	·831	·845	·861	·866	·862	·835	·812	·794	·788	·794	·813	·827	·851	·858	·854	·834	·820	·782	·737	·715	·694	·809
24	·694	·701	·713	·738	·773	·786	·787	·777	·760	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	·764	·774	·775	·787	·794	·810	·841	·849	·850	·827	·803	·776	·741	·705	·697	·772
26	·696	·705	·728	·760	·785	·801	·818	·810	·800	·793	·791	·790	·800	·825	·836	·847	·856	·862	·851	·823	·796	·763	·753	·740	·793
27	·746	·763	·792	·808	·825	·832	·842	·829	·801	·790	·785	·784	·794	·808	·838	·856	·875	·875	·865	·858	·829	·801	·773	·759	·814
28	·770	·775	·789	·806	·832	·859	·871	·855	·849	·823	·802	·814	·837	·844	·847	·872	·896	·873	·877	·879	·847	·821	·818	·813	·836
29	·808	·816	·837	·862	·876	·882	·895	·880	·863	·853	·848	·850	·864	·869	·879	·895	·916	·912	·891	·868	·838	·828	·810	·799	·860
30	·797	·799	·808	·824	·852	·868	·878	·869	·844	·831	·823	·818	·825	·831	·846	·876	·883	·869	·855	·844	·814	·782	·758	·743	·831
Means	0·773	·787	·810	·833	·858	·872	·877	·867	·850	·836	·827	·825	·834	·846	·866	·890	·905	·902	·890	·868	·837	·809	·787	·772	0·843

MARCH 1858

APRIL 1858

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means, and the numbers at the head of them are corrections of interpolations.

BAROMETRIC PRESSURE

Barometer at 32° = 29 English Inches + the number in the Table.

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 10.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
										−0·029*		−0·063*													
1	0·741	0·749	0·775	0·789	0·814	0·823	0·820	0·808	0·795	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	0·774	0·759	0·748	0·747	0·753	0·764	0·786	0·811	0·812	0·809	0·781	0·765	0·752	0·725	0·713	0·776
3	·705	·733	·759	·771	·787	·789	·792	·777	·763	·745	·733	·730	·737	·743	·768	·775	·791	·774	·806	·781	·759	·717	·699	·683	·755
4	·667	·687	·689	·700	·719	·730	·730	·722	·674	·654	·639	·626	·623	·630	·630	·574	·538	·568	·527	·447	·472	·494	·538	·542	·618
5	·549	·609	·672	·690	·727	·759	·762	·737	·731	·726	·727	·718	·719	·746	·774	·801	·811	·818	·800	·787	·747	·724	·689	·682	·729
6	·680	·699	·721	·742	·758	·761	·756	·748	·741	·719	·703	·696	·698	·714	·737	·761	·771	·769	·763	·731	·692	·667	·637	·622	·720
7	·618	·637	·661	·687	·707	·723	·754	·741	·728	·702	·681	·671	·671	·685	·718	·744	·758	·748	·742	·714	·680	·653	·616	·599	·693
8	·612	·628	·653	·680	·708	·727	·731	·728	·712	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	·724	·742	·727	·721	·716	·738	·787	·836	·845	·827	·807	·768	·735	·725	·713	·733
10	·703	·713	·729	·746	·764	·772	·777	·759	·745	·737	·734	·727	·729	·745	·769	·789	·797	·792	·778	·757	·722	·686	·651	·632	·740
11	·626	·655	·700	·718	·733	·739	·738	·732	·710	·689	·673	·674	·685	·687	·707	·727	·733	·743	·737	·718	·691	·666	·645	·614	·698
12	·601	·617	·634	·655	·691	·726	·732	·704	·702	·677	·657	·653	·659	·668	·687	·692	·707	·705	·689	·671	·644	·623	·621	·597	·667
13	·591	·620	·634	·664	·678	·693	·702	·701	·680	·658	·641	·645	·658	·646	·666	·689	·704	·718	·704	·693	·668	·640	·619	·606	·663
14	·598	·638	·654	·671	·701	·723	·737	·729	·719	·695	·676	·671	·676	·683	·695	·715	·722	·725	·703	·693	·673	·657	·630	·618	·683
15	·610	·631	·652	·676	·686	·717	·725	·729	·715	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	·707	·705	·701	·706	·724	·746	·762	·771	·778	·762	·736	·700	·664	·622	·612	·702
17	·613	·638	·655	·705	·716	·727	·750	·747	·740	·706	·678	·673	·678	·698	·703	·719	·712	·703	·683	·661	·627	·597	·569	·555	·677
18	·564	·566	·648	·654	·638	·622	·611	·594	·567	·561	·561	·564	·576	·610	·640	·667	·676	·665	·656	·641	·599	·572	·555	·541	·606
19	·542	·563	·574	·586	·599	·618	·619	·591	·581	·576	·576	·584	·601	·620	·659	·679	·693	·703	·698	·681	·657	·628	·614	·609	·619
20	·607	·609	·618	·648	·675	·691	·687	·688	·682	·661	·646	·649	·661	·687	·720	·741	·747	·739	·718	·698	·670	·640	·616	·614	·671
21	·623	·632	·646	·671	·684	·701	·708	·687	·674	·667	·666	·677	·698	·729	·738	·752	·774	·782	·773	·752	·723	·697	·680	·669	·700
22	·665	·679	·696	·720	·738	·752	·773	·757	·754	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	·735	·722	·725	·738	·752	·775	·792	·805	·797	·782	·766	·739	·719	·697	·693	·740
24	·695	·711	·738	·752	·768	·787	·798	·790	·777	·759	·746	·742	·748	·775	·809	·822	·826	·828	·813	·795	·764	·721	·695	·690	·765
25	·703	·710	·725	·741	·774	·802	·800	·788	·772	·760	·754	·765	·785	·804	·831	·838	·845	·844	·831	·800	·768	·742	·715	·702	·775
26	·688	·703	·716	·750	·768	·782	·801	·795	·787	·770	·759	·761	·772	·777	·791	·806	·817	·822	·805	·778	·752	·716	·692	·664	·761
27	·673	·681	·714	·719	·737	·752	·777	·769	·748	·735	·728	·724	·730	·740	·766	·779	·786	·789	·774	·758	·726	·704	·671	·653	·735
28	·661	·668	·691	·720	·739	·749	·756	·752	·744	·729	·719	·717	·725	·736	·754	·783	·787	·778	·766	·750	·736	·723	·702	·697	·733
29	·699	·715	·735	·769	·784	·800	·808	·793	·783	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	·789	·800	·799	·807	·820	·841	·853	·868	·875	·854	·844	·817	·790	·767	·743	·798
31	·744	·749	·756	·776	·784	·797	·812	·806	·791	·786	·786	·782	·788	·801	·817	·836	·846	·844	·826	·797	·771	·752	·724	·708	·787
Means	0·645	·663	·686	·708	·726	·741	·748	·737	·724	·709	·700	·698	·705	·719	·740	·757	·767	·768	·755	·732	·705	·680	·658	·645	0.713
										−0·029*		−0·048*													
1	0·708	0·716	0·735	0·748	0·770	0·785	0·791	0·781	0·767	0·747	0·733	0·731	0·738	0·763	0·784	0·790	0·805	0·805	0·787	0·765	0·737	0·719	0·692	0·682	0·753
2	·673	·681	·693	·716	·736	·753	·749	·745	·728	·717	·712	·706	·709	·739	·745	·744	·742	·728	·719	·705	·686	·658	·645	·632	·711
3	·668	·666	·704	·719	·725	·753	·755	·748	·739	·730	·727	·721	·724	·730	·759	·783	·789	·783	·768	·739	·716	·692	·664	·640	·727
4	·636	·653	·689	·701	·715	·741	·758	·750	·748	·740	·738	·741	·754	·759	·785	·800	·812	·800	·782	·763	·736	·711	·686	·673	·736
5	·667	·680	·695	·718	·735	·759	·769	·751	·722	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	·700	·684	·678	·682	·688	·713	·727	·740	·738	·721	·702	·675	·646	·616	·608	·701
7	·618	·638	·650	·679	·708	·725	·725	·714	·705	·694	·689	·680	·681	·688	·706	·723	·736	·737	·727	·711	·690	·663	·637	·618	·689
8	·635	·654	·677	·702	·719	·731	·733	·726	·712	·697	·687	·692	·706	·710	·728	·740	·755	·751	·736	·711	·688	·661	·648	·639	·702
9	·659	·673	·680	·703	·724	·740	·745	·739	·720	·699	·684	·684	·693	·712	·737	·744	·759	·753	·745	·733	·715	·694	·660	·644	·710
10	·653	·666	·679	·700	·727	·741	·759	·755	·731	·724	·722	·706	·699	·711	·728	·730	·731	·729	·717	·706	·685	·666	·651	·632	·706
11	·624	·648	·666	·698	·725	·733	·739	·734	·714	·691	·674	·669	·673	·700	·727	·742	·747	·746	·721	·704	·679	·657	·630	·614	·694
12	·621	·629	·646	·669	·706	·714	·716	·713	·691	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	·683	·681	·677	·682	·689	·729	·732	·738	·745	·724	·708	·688	·674	·653	·642	·690
14	·638	·659	·686	·716	·732	·751	·756	·752	·742	·731	·725	·721	·726	·749	·766	·765	·772	·773	·762	·748	·717	·691	·651	·640	·724
15	·650	·667	·683	·720	·750	·762	·768	·776	·743	·726	·715	·720	·734	·760	·785	·793	·814	·809	·804	·791	·764	·748	·723	·704	·746
16	·712	·719	·736	·753	·770	·786	·791	·788	·768	·753	·744	·734	·733	·737	·753	·777	·789	·789	·777	·764	·745	·714	·688	·665	·749
17	·659	·679	·712	·733	·781	·806	·811	·789	·767	·749	·736	·725	·723	·730	·750	·764	·778	·782	·770	·752	·724	·702	·673	·651	·739
18	·642	·673	·692	·707	·753	·760	·754	·746	·730	·714	·703	·697	·701	·705	·721	·740	·746	·758	·747	·721	·704	·673	·646	·634	·711
19	·618	·636	·660	·674	·706	·711	·716	·707	·688	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	·689	·695	·700	·715	·728	·736	·755	·770	·765	·751	·728	·700	·675	·652	·632	·700
21	·628	·650	·672	·690	·707	·720	·722	·717	·702	·684	·671	·672	·683	·693	·710	·731	·746	·744	·727	·703	·674	·653	·621	·596	·688
22	·580	·595	·614	·627	·637	·670	·671	·665	·653	·644	·640	·640	·650	·668	·691	·707	·706	·696	·678	·663	·635	·614	·588	·576	·646
23	·572	·585	·607	·631	·657	·671	·677	·674	·661	·654	·653	·659	·675	·688	·722	·741	·754	·752	·731	·711	·694	·663	·639	·628	·671
24	·639	·659	·670	·688	·715	·731	·752	·749	·736	·724	·717	·722	·736	·745	·762	·771	·784	·783	·775	·751	·730	·704	·685	·664	·725
25	·663	·674	·690	·715	·729	·761	·783	·777	·765	·758	·757	·765	·782	·804	·820	·836	·839	·834	·819	·803	·778	·753	·731	·720	·765
26	·712	·722	·740	·755	·770	·799	·819	·812	·799	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	·788	·783	·776	·779	·788	·794	·811	·818	·818	·803	·791	·767	·760	·721	·707	·776
28	·707	·715	·733	·748	·765	·781	·785	·781	·776	·766	·762	·755	·757	·771	·787	·802	·814	·815	·806	·792	·767	·737	·706	·709	·764
29	·709	·723	·740	·772	·777	·792	·803	·792	·777	·770	·769	·763	·766	·775	·808	·806	·816	·818	·801	·786	·765	·747	·722	·708	·771
30	·707	·718	·729	·761	·796	·814	·804	·796	·788	·773	·764	·756	·757	·769	·794	·804	·818	·808	·789	·770	·754	·744	·725	·715	·769
Means	0·654	·668	·688	·709	·732	·750	·756	·749	·734	·721	·714	·711	·718	·731	·752	·764	·774	·771	·757	·739	·716	·693	·667	·653	0·722

MAY 1858

JUNE 1858

* The number in these columns are not observed, but interpolated for the sake of obtaining the daily means, and the numbers at the head of them are corrections of interpolations.

BAROMETRIC PRESSURE

Barometer at 32° = 29 English Inches + the Number in the Table

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
										−0·020*		−0·035*													
1	0·709	0·722	0·748	0·755	0·773	0·783	0·793	0·781	0·768	0·763	0·762	0·763	0·771	0·754	0·767	0·773	0·797	0·791	0·773	0·761	0·727	0·710	0·687	0·669	0·754
2	·667	·683	·707	·732	·796	·756	·749	·796	·758	·738	·722	·721	·727	·743	·767	·801	·809	·797	·771	·759	·740	·718	·684	·674	·742
3	·665	·678	·695	·724	·731	·752	·769	·762	·754	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	·734	·718	·718	·724	·749	·762	·775	·788	·791	·782	·752	·729	·698	·665	·643	·732
5	·640	·654	·670	·686	·709	·734	·743	·729	·697	·684	·675	·676	·683	·688	·689	·697	·702	·709	·703	·685	·671	·656	·629	·617	·684
6	·613	·612	·631	·675	·716	·712	·709	·701	·673	·655	·640	·636	·638	·656	·671	·675	·677	·678	·668	·657	·648	·640	·622	·603	·659
7	·603	·604	·622	·645	·652	·686	·674	·665	·650	·638	·629	·620	·618	·630	·671	·676	·687	·681	·663	·657	·641	·621	·590	·571	·641
8	·562	·575	·602	·623	·641	·672	·676	·670	·657	·649	·644	·643	·649	·666	·689	·708	·715	·711	·712	·697	·677	·669	·634	·609	·656
9	·595	·615	·639	·695	·702	·727	·730	·724	·708	·697	·690	·685	·686	·697	·728	·744	·754	·766	·744	·724	·697	·671	·654	·630	·696
10	·623	·640	·664	·705	·721	·737	·743	·737	·726	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	·699	·675	·676	·683	·691	·699	·707	·707	·714	·711	·707	·683	·668	·634	·622	·690
12	·618	·624	·636	·651	·674	·684	·693	·686	·666	·674	·686	·686	·692	·703	·709	·719	·733	·730	·721	·709	·686	·671	·646	·623	·680
13	·621	·624	·640	·665	·680	·719	·728	·723	·703	·699	·698	·694	·697	·713	·724	·734	·746	·749	·743	·732	·708	·689	·667	·653	·698
14	·635	·654	·712	·712	·738	·767	·773	·762	·743	·739	·738	·740	·749	·753	·758	·767	·766	·773	·770	·756	·726	·702	·675	·678	·733
15	·675	·693	·716	·732	·751	·771	·783	·774	·763	·755	·751	·754	·763	·775	·805	·819	·841	·833	·822	·803	·782	·756	·727	·702	·764
16	·691	·704	·717	·742	·758	·781	·791	·784	·769	·763	·761	·767	·780	·784	·804	·819	·839	·843	·837	·820	·800	·776	·752	·730	·775
17	·722	·727	·736	·772	·787	·802	·786	·781	·763	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	·763	·767	·769	·778	·782	·797	·799	·798	·804	·785	·763	·735	·712	·682	·667	·762
19	·673	·681	·692	·708	·727	·758	·765	·761	·740	·728	·719	·711	·709	·725	·752	·778	·783	·776	·766	·752	·729	·703	·686	·667	·729
20	·669	·685	·694	·710	·725	·751	·759	·756	·739	·735	·734	·733	·738	·762	·785	·804	·811	·807	·793	·773	·753	·722	·703	·680	·743
21	·682	·698	·721	·750	·774	·788	·810	·822	·785	·771	·760	·764	·774	·797	·829	·845	·854	·842	·832	·826	·806	·790	·755	·738	·784
22	·738	·757	·775	·783	·795	·830	·839	·834	·830	·819	·812	·809	·812	·823	·846	·865	·884	·876	·869	·852	·837	·799	·768	·750	·817
23	·743	·760	·772	·827	·837	·841	·845	·839	·829	·809	·792	·790	·794	·798	·800	·818	·831	·833	·818	·789	·768	·733	·709	·692	·794
24	·676	·685	·695	·714	·738	·753	·752	·750	·734	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	·732	·733	·734	·742	·755	·768	·785	·790	·788	·776	·749	·728	·700	·677	·665	·734
26	·662	·677	·703	·721	·746	·776	·766	·765	·758	·757	·760	·757	·761	·780	·793	·809	·814	·818	·809	·793	·756	·735	·708	·692	·755
27	·703	·725	·734	·751	·766	·800	·824	·814	·802	·797	·796	·785	·780	·791	·812	·826	·841	·841	·825	·809	·784	·764	·736	·712	·784
28	·696	·705	·722	·734	·767	·802	·817	·810	·802	·798	·798	·793	·794	·801	·811	·818	·829	·833	·829	·812	·787	·761	·729	·719	·782
29	·711	·720	·727	·737	·761	·781	·788	·781	·762	·751	·743	·743	·749	·763	·768	·783	·812	·824	·822	·806	·796	·776	·747	·740	·766
30	·721	·730	·738	·758	·771	·777	·781	·778	·768	·764	·764	·755	·752	·772	·778	·814	·825	·845	·858	·848	·820	·792	·781	·760	·781
Means	·666	·678	·696	·720	·740	·759	·765	·761	·744	·735	·729	·728	·732	·744	·761	·775	·786	·787	·777	·761	·739	·717	·690	·673	0·736
										−0·016*		−0·030*													
July 31	0·768	0·775	0·779	0·789	0·809	0·819	0·829	0·816	0·808	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1	—	—	—	—	—	—	—	—	—	0·819	0·826	0·811	0·802	0·787	0·802	0·825	0·841	0·837	0·823	0·807	0·785	0·751	0·719	0·703	0·797
2	·685	·703	·721	·739	·758	·782	·792	·784	·776	·767	·761	·762	·768	·776	·782	·785	·794	·790	·779	·762	·747	·722	·694	·678	·754
3	·671	·693	·706	·733	·756	·774	·792	·786	·774	·758	·746	·748	·755	·770	·783	·807	·821	·813	·804	·785	·754	·726	·693	·683	·755
4	·677	·683	·692	·717	·738	·758	·760	·752	·732	·724	·720	·725	·736	·741	·761	·774	·783	·790	·782	·769	·737	·708	·682	·666	·734
5	·675	·684	·699	·712	·740	·771	·776	·767	·756	·728	·703	·697	·697	·718	·731	·751	·756	·765	·758	·744	·723	·697	·680	·666	·725
6	·653	·661	·683	·701	·716	·750	·759	·751	·734	·710	·690	·692	·700	·710	·733	·740	·751	·765	·765	·752	·727	·707	·676	·664	·716
7	·675	·711	·732	·771	·803	·792	·784	·770	·748	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	—	·709	·673	·671	·674	·688	·702	·716	·729	·722	·714	·707	·689	·673	·657	·639	·715
9	·644	·646	·639	·672	·686	·692	·685	·678	·668	·663	·662	·673	·689	·701	·706	·716	·733	·727	·718	·702	·676	·651	·624	·600	·677
10	·583	·608	·624	·659	·695	·718	·718	·708	·716	·699	·686	·690	·700	·709	·729	·751	·755	·752	·751	·729	·706	·671	·635	·618	·692
11	·614	·634	·661	·694	·722	·738	·752	·744	·732	·729	·729	·732	·741	·754	·763	·786	·810	·813	·802	·776	·756	·721	·696	·681	·733
12	·665	·675	·681	·707	·717	·738	·732	·722	·718	·715	·716	·712	·714	·732	·743	·764	·783	·789	·788	·772	·760	·722	·692	·679	·726
13	·675	·698	·720	·756	·773	·787	·792	·788	·782	·771	·763	·755	·753	·774	·813	·843	·859	·861	·841	·831	·806	·785	·771	·763	·782
14	·761	·770	·783	·800	·818	·849	·855	·848	·836	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	·823	·814	·809	·809	·821	·828	·849	·865	·860	·839	·812	·781	·760	·723	·718	·810
16	·716	·737	·770	·784	·807	·831	·839	·822	·810	·794	·782	·776	·775	·791	·817	·840	·854	·866	·861	·843	·817	·784	·751	·747	·801
17	·735	·767	·774	·791	·806	·811	·812	·803	·790	·786	·785	·793	·806	·818	·826	·843	·857	·860	·848	·832	·805	·787	·760	·758	·802
18	·751	·758	·773	·790	·811	·829	·836	·826	·813	·808	·807	·802	·803	·821	·828	·843	·850	·853	·841	·818	·791	·771	·750	·743	·805
19	·744	·761	·780	·799	·814	·829	·834	·822	·800	·794	·792	·792	·797	·814	·840	·858	·865	·860	·847	·828	·795	·771	·754	·747	·806
20	·733	·746	·757	·784	·805	·818	·823	·816	·790	·770	·754	·756	·764	·775	·791	·812	·822	·820	·797	·776	·746	·719	·694	·688	·773
21	·683	·707	·728	·750	·769	·780	·785	·779	·769	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	·758	·750	·757	·770	·786	·813	·832	·845	·842	·826	·802	·770	·737	·722	·710	·770
23	·701	·717	·737	·755	·791	·816	·818	·810	·802	·795	·791	·813	·840	·844	·851	·874	·888	·886	·879	·865	·845	·821	·805	·787	·814
24	·790	·803	·836	·854	·876	·898	·905	·897	·890	·877	·867	·864	·867	·870	·878	·892	·909	·912	·902	·874	·844	·812	·780	·766	·861
25	·756	·758	·775	·802	·832	·839	·846	·838	·825	·805	·788	·777	·772	·783	·797	·809	·818	·824	·813	·790	·755	·726	·698	·681	·788
26	·673	·681	·697	·709	·733	·754	·760	·764	·748	·743	·741	·737	·738	·749	·767	·787	·791	·802	·792	·776	·739	·711	·678	·652	·738
27	·645	·654	·672	·689	·710	·744	·740	·735	·732	·727	·726	·722	·724	·734	·752	·771	·778	·794	·780	·764	·731	·702	·682	·671	·724
28	·667	·685	·710	·727	·753	·773	·760	·767	·753	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	—	·753	·756	·751	·751	·757	·769	·791	·789	·780	·769	·743	·712	·681	·651	·642	·737
30	·631	·638	·679	·705	·726	·732	·730	·725	·717	·702	·690	·686	·687	·712	·726	·750	·754	·755	·752	·724	·696	·666	·634	·611	·701
31	·606	·632	·665	·699	·739	·750	·746	·754	·744	·735	·729	·724	·724	·760	·777	·811	·828	·831	·816	·796	·769	·741	·712	·705	·741
Means	·688	·703	·721	·744	·767	·784	·787	·780	·769	·758	·750	·749	·754	·766	·782	·801	·812	·814	·803	·784	·758	·730	·704	·691	0·758

JULY 1858

AUGUST 1858

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means, and the numbers at the head of them are corrections of interpolations.

BAROMETRIC PRESSURE

Barometer at 32° = 29 English Inches + the Number in the Table

SEPTEMBER 1858

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In	In.	In.	In.	In.	In.	In.	In.	In.	In.
										−0*027		−0*057													
1	0·698	0·720	0·753	0·771	0·798	0·809	0·827	0·820	0·806	0·796	0·792	0·790	0 800	0·802	0·816	0·841	0·846	0·834	0·826	0·796	0·766	0·738	0·715	0·710	0·786
2	·719	·741	·766	·784	·813	·820	·831	·812	·793	·787	·786	·785	·796	·806	·812	·828	·821	·809	·797	·784	·749	·722	·696	·692	·781
3	·716	·730	·737	·785	·810	·824	·819	·804	·779	·769	·764	·750	·748	·742	·765	·791	·805	·811	·803	·778	·751	·721	·693	·678	·766
4	·679	·696	·727	·759	·780	·795	·799	·781	·769	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	·783	·803	·770	·749	·733	·762	·789	·819	·816	·805	·789	·763	·728	·694	·705	·762
6	·705	·713	·741	·767	·793	·811	·809	·809	·803	·777	·757	·764	·782	·807	·849	·855	·851	·842	·826	·814	·786	·762	·735	·723	·787
7	·725	·741	·768	·800	·820	·837	·834	·819	·807	·799	·797	·779	·773	·776	·782	·789	·808	·834	·828	·811	·778	·742	·712	·709	·786
8	·707	·722	·743	·751	·753	·763	·751	·743	·727	·710	·699	·684	·680	·699	·737	·772	·783	·786	·780	·752	·717	·686	·658	·644	·727
9	·640	·648	·666	·695	·719	·733	·731	·708	·700	·686	·677	·676	·687	·710	·736	·746	·768	·768	·759	·740	·713	·694	·671	·651	·705
10	·641	·680	·709	·730	·753	·771	·769	·752	·749	·738	·732	·729	·738	·747	·770	·809	·810	·808	·799	·776	·734	·705	·671	·663	·741
11	·659	·669	·700	·728	·754	·773	·774	·773	·767	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	·749	·736	·729	·733	·744	·753	·773	·795	·794	·787	·783	·758	·734	·712	·695	·745
13	·697	·703	·727	·760	·766	·787	·791	·785	·777	·760	·748	·745	·754	·769	·786	·805	·815	·812	·793	·772	·750	·721	·699	·683	·759
14	·681	·692	·720	·739	·779	·788	·795	·789	·769	·758	·753	·742	·743	·769	·795	·826	·830	·839	·823	·807	·771	·748	·716	·706	·766
15	·698	·722	·753	·764	·786	·804	·808	·782	·767	·753	·745	·752	·771	·786	·804	·827	·847	·840	·833	·810	·777	·745	·715	·704	·775
16	·701	·742	·763	·786	·818	·845	·835	·820	·810	·806	·808	·807	·817	·822	·835	·870	·881	·875	·864	·849	·820	·777	·762	·749	·811
17	768	·781	·806	·835	·869	·875	·894	·891	·874	·852	·836	·824	·823	·824	·852	·866	·884	·888	·870	·848	·823	·797	·745	·741	·836
18	·735	·757	·780	·812	·825	·846	·838	·831	·821	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	·778	·740	·737	·745	·767	·794	·819	·846	·839	·833	·810	·764	·734	·709	·696	·786
20	·708	·716	·733	·770	·800	·826	822	·811	·799	·783	·773	·765	·769	·782	·801	·823	·844	·839	·824	·791	·761	·730	·707	·700	·778
21	·708	·732	·755	·780	·804	·819	·820	·810	·791	·780	·774	·768	·774	·790	·812	·836	·856	·849	·837	·816	·781	·749	·723	·706	·786
22	·722	·748	·777	·801	·822	·838	·843	·841	·831	·820	·814	·805	·807	·828	·845	·868	·880	·877	·862	·834	·809	·778	·763	·762	·816
23	·769	·785	·826	·841	·871	·892	·896	·890	·868	·856	·849	·846	·854	·866	·873	·895	·921	·916	·894	·864	·836	·805	·784	·778	·853
24	·782	·799	·826	·857	·887	·904	·909	·907	·888	·862	·842	·838	·845	·853	·868	·882	·885	·873	·868	·834	·805	·771	·751	·747	·845
25	·745	·762	·788	·825	·840	·845	·849	·847	·839	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	·833	·833	·832	·843	·848	·868	·893	·907	·903	·887	·859	·830	·805	·782	·770	·835
27	·774	·782	·800	·818	·844	·863	·868	·865	·858	·852	·852	·860	·879	·892	905	·927	·936	·927	·913	·881	·856	·826	·802	·799	·857
28	·808	·818	·831	·858	·884	·898	·902	·897	·891	·882	·878	·872	·878	·896	·922	·944	·950	·944	·935	·910	·876	·845	·828	·822	·882
29	·829	·836	·861	·885	·920	·933	·942	·936	·925	·908	·896	·888	·892	·897	·906	·926	·937	·925	·902	·863	·828	·800	·774	·764	·882
30	·772	·783	·811	·843	·865	·869	·874	·864	·858	·848	·843	·834	·836	·848	·859	·870	·886	·878	·864	·832	·799	·760	·732	·724	·831
Means	0·723	·739	·764	·790	·814	·830	·832	·823	·810	·797	·789	·784	·789	·800	·819	·841	·854	·851	·839	·817	·785	·755	·729	·720	0·796

OCTOBER 1858

										−0*037		−0*047													
1	0·733	0·752	0·776	0·803	0·835	0·846	0·859	0·841	0·831	0·819	0·815	0·814	0·822	0·845	0·855	0·874	0·885	0·883	0·870	0·843	0·815	0·788	0·768	0·760	0·822
2	·771	·784	·809	·855	·889	·901	·890	·873	·857	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	—	·855	·860	·854	·857	·876	·897	·909	·918	·920	·895	·871	·832	·817	·800	·791	·858
4	·789	·811	·839	·883	·894	·894	·892	·886	·872	·850	·836	·829	·832	·850	·880	·898	·912	·905	·873	·844	·814	·792	·764	·760	·850
5	·765	·777	·803	·827	·839	·854	·847	·839	·821	·802	·791	·799	·817	·825	·840	·843	·870	·876	·876	·847	·818	·787	·766	·769	·821
6	·759	·749	·769	·793	·822	·829	·820	·792	·766	·749	·739	·722	·715	·724	·747	·752	·774	·789	·760	·719	·687	·644	·650	·635	·746
7	·602	·593	·610	·640	·667	·664	·653	·640	·640	·621	·609	·607	·615	·647	·678	·695	·724	·742	·745	·729	·710	·692	·683	·676	·662
8	·695	·716	·748	·779	·796	·819	·813	·803	·795	·779	·770	·773	·785	·792	·810	·845	·860	·871	·857	·839	·802	·769	·748	·746	·792
9	·758	·773	·797	·827	·835	·841	·832	·818	·807	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	·762	·725	·725	·735	·738	·750	·773	·795	·771	·742	·716	·686	·669	·652	·649	·757
11	·655	·665	·679	·697	·712	·724	·731	·719	·714	·699	·692	·692	·701	·732	·751	·770	·792	·800	·792	·763	·735	·721	·709	·701	·723
12	·706	·732	·749	·784	·805	·832	·827	·809	·793	·777	·769	·771	·783	·813	·840	·874	·887	·888	·873	·839	·816	·800	·782	·775	·805
13	·782	·794	·821	·842	·862	·868	·889	·865	·859	·841	·830	·825	·830	·839	·868	·883	·897	·914	·898	·857	·833	·816	·801	·795	·846
14	·797	·823	·846	·860	·888	·893	·886	·871	·853	·825	·804	·804	·814	·830	·860	·874	·878	·879	·862	·845	·817	·795	·760	·741	·838
15	·736	·774	·799	·830	·844	·855	·848	·835	·813	·798	·790	·788	·795	·823	·834	·857	·875	·874	·846	·830	·792	·764	·742	·737	·812
16	·745	·761	·786	·818	·835	·837	·841	·829	·813	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	—	—	·818	·830	·823	·826	·833	·873	·881	·906	·922	·900	·879	·856	·815	·788	·789	·834
18	·800	·840	·856	·883	·897	·900	·907	·899	·885	·868	·858	·853	·857	·869	·886	·902	·929	·938	·922	·896	·860	·833	·813	·805	·873
19	·817	·836	·870	·880	·902	·908	·897	·887	·867	·847	·834	·833	·841	·849	·870	·905	·929	·928	·909	·877	·848	·820	·802	·798	·865
20	·810	·839	·862	·882	·893	·903	·900	·886	·864	·853	·849	·843	·847	·870	·878	·891	·901	·904	·893	·877	·867	·845	·823	·816	·866
21	·823	·833	·850	·867	·892	·896	·893	·883	·868	·852	·843	·844	·854	·903	·918	·936	·941	·944	·931	·902	·866	·840	·813	·811	·875
22	·814	·828	·839	·864	·871	·878	·876	·856	·831	·816	·809	·801	·802	·846	·852	·863	·884	·885	·864	·840	·818	·801	·778	·774	·837
23	·782	·801	·820	·856	·875	·881	·870	·846	·829	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	—	·802	·782	·782	·792	·808	·826	·832	·859	·874	·851	·832	·798	·777	·753	·749	·820
25	·755	·780	·798	·836	·851	·860	·855	·845	·832	·825	·825	·814	·813	·848	·860	·897	·914	·916	·913	·871	·848	·832	·814	·811	·842
26	·827	·859	·886	·912	·934	·934	·940	·927	·906	·897	·896	·896	·905	·938	·969	·983	·993	·990	·973	·944	·918	·886	·866	·860	·918
27	·885	·898	·918	·948	·953	·954	·942	·934	·920	·908	·903	·907	·921	·943	·959	·975	·990	·990	·973	·946	·912	·890	·878	·872	·930
28	·882	·896	·918	·945	·958	·951	·944	·940	·928	·917	·913	·910	·917	·937	·952	·982	1·003	1·003	·985	·952	·926	·896	·886	·892	·935
29	·906	·930	·948	·978	·986	·996	·981	·973	·962	·952	·950	·961	·982	·992	1·016	1·034	·037	·037	1·015	·987	·981	·952	·944	·943	·977
30	·949	·968	·992	1·020	1·032	1·037	1·033	1·016	·994	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
31	—	—	—	—	—	—	—	—	—	·972	·958	·949	·949	·991	·004	·025	·032	·034	·020	·993	·960	·931	·926	·910	·987
Means	0·782	·800	·823	·850	·868	·875	·872	·858	·843	·827	·818	·816	·823	·845	·864	·883	·899	·903	·886	·859	·831	·807	·789	·783	0·842

* The number in these columns are not observed, but interpolated for the sake of obtaining the daily means, and the numbers at the head of them are corrections of interpolations.

BAROMETRIC PRESSURE

Barometer at 32° = 29 English Inches + the Number in the Table

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
										*−0·024		*−0·059													
1	0·935	0·942	0·951	0·990	1·001	1·014	1·022	1·013	0·982	0·968	0·959	0·956	0·965	0·987	1·005	1·030	1·047	1·051	1·022	1·006	0·966	0·936	0·923	0·927	0·983
2	·940	·953	·979	1·005	·015	·000	0·998	0·985	·970	·958	·951	·942	·945	·971	0·994	·008	·030	·031	·007	0·980	·952	·922	·907	·903	·973
3	·912	·929	·948	0·978	·002	·007	1·000	·991	·977	·963	·953	·944	·946	·963	·986	·009	·037	·033	·007	·983	·932	·920	·900	·896	·967
4	·916	·942	·964	·991	·008	·013	·006	·994	·973	·959	·949	·948	·958	·967	·981	·021	·040	·045	·036	1·013	·976	·945	·936	·947	·980
5	·943	·965	·991	1·026	·045	·055	·045	1·033	·998	·982	·970	·979	·999	1·010	1·030	·052	·059	·064	·053	·026	·995	·971	·952	·945	1·008
6	·952	·969	·989	·012	·032	·040	·036	·033	1·015	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	—	·982	·954	·949	·955	0·980	0·997	·013	·029	·021	0·997	0·970	·938	·919	·903	·911	0·983
8	·920	·928	·950	0·973	0·983	0·989	0·986	0·976	0·967	·953	·944	·944	·956	·967	·991	·006	·016	·015	·995	·964	·938	·917	·900	·905	·962
9	·918	·929	·947	·973	·990	·994	·988	·977	·966	·954	·947	·943	·950	·978	·994	·006	·018	·022	1·012	·979	·954	·933	·916	·924	·967
10	·931	·953	·967	·992	1·004	1·013	1·008	·998	·970	·957	·949	·951	·964	·972	·991	·012	·030	·029	·014	·985	·950	·931	·916	·910	·975
11	·927	·943	·960	·991	0·997	·007	0·994	·985	·950	·939	·933	·934	·947	·965	·969	0·990	·005	·005	0·994	·963	·936	·907	·890	·899	·960
12	·905	·930	·950	·974	·987	0·990	·984	·968	·951	·937	·928	·923	·930	·956	·975	·996	·007	0·997	·980	·954	·930	·901	·891	·894	·952
13	·901	·912	·929	·953	·964	·966	·961	·949	·937	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	·931	·929	·928	·939	·963	·998	1·022	·039	1·030	1·013	·996	·968	·945	·948	·961	·962
15	·980	1·006	1·032	1·054	1·071	1·077	1·068	1·051	1·018	1·000	·986	·983	·991	1·012	1·024	·048	·064	·070	·051	1·017	·994	·965	·942	·949	1·019
16	·955	0·961	0·987	·029	·051	·056	·047	·020	·000	0·983	·971	·969	·979	0·994	·019	·043	·053	·049	·038	·012	·978	·956	·941	·945	·001
17	·952	·961	·982	·013	·024	·033	·016	·012	0·999	·977	·959	·953	·958	·979	0·998	·014	·031	·032	·011	0·990	·962	·941	·929	·940	0·986
18	·952	·959	·980	·007	·013	·010	0·995	0·975	·959	·943	·931	·915	·911	·932	·958	0·976	0·991	0·996	0·995	·960	·932	·902	·898	·902	·958
19	·910	·911	·928	0·942	0·953	0·963	·957	·943	·921	·897	·877	·879	·893	·902	·925	·942	·944	·951	·941	·905	·889	·874	·852	·858	·915
20	·870	·909	·920	·953	·955	·963	·954	·939	·911	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	—	·902	·897	·895	·905	·917	·935	·959	·977	·985	·970	·931	·916	·881	·867	·872	·924
22	·878	·882	·904	·930	·947	·958	·954	·930	·903	·896	·894	·882	·882	·888	·915	·938	·947	·941	·925	·900	·875	·845	·830	·842	·904
23	·851	·863	·874	·895	·914	·936	·935	·924	·903	·878	·858	·864	·882	·901	·917	·947	·952	·951	·933	·905	·873	·850	·827	·828	·894
24	·849	·864	·880	·908	·921	·936	·930	·908	·874	·868	·866	·867	·879	·899	·931	·949	·972	·985	·969	·947	·915	·896	·893	·902	·909
25	·905	·921	·959	·982	·993	1·013	1·005	·993	·975	·965	·959	·956	·964	·989	·999	1·020	1·040	1·049	1·038	1·010	·983	·958	·952	·955	·983
26	·963	·976	1·007	1·029	1·037	·055	·050	1·035	1·015	1·001	·991	·989	·998	1·011	1·021	·030	·048	·049	·037	·015	·996	·960	·950	·951	1·009
27	·963	·984	0·989	·020	·032	·044	·031	·020	·004	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	·008	1·017	·998	·990	·007	·021	·040	·051	·053	·042	·021	·986	·966	·951	·947	·008
29	·962	·979	·987	·010	·027	·039	·023	·021	·003	0·981	0·964	·966	·979	0·994	·012	·039	·045	·043	·033	·008	·979	·956	·935	·937	0·997
30	·947	·967	·989	·013	·033	·041	·037	·030	·006	·990	·978	·976	·986	1·011	·019	·040	·067	·058	·049	·021	·974	·950	·937	·936	1·002
Means	0·924	·940	·959	·986	1·000	·008	·001	0·989	·967	·953	·943	·940	·948	·966	·985	1·006	·021	·021	·006	0·979	·949	·925	·911	·915	0·968
										*−0·013		*−0·060													
1	0·943	0·949	0·978	1·003	1·013	1·017	0·999	0·993	0·956	0·943	0·933	0·939	0·956	0·971	0·991	1·010	1·027	1·031	1·019	0·992	0·962	0·928	0·901	0·900	0·973
2	·914	·929	·956	0·972	0·989	0·990	·9o0	·981	·974	·962	·953	·951	·961	·970	·999	·017	·044	·041	·030	1·004	·972	·952	·923	·925	·975
3	·943	·960	·983	1·012	1·036	1·039	1·035	1·023	1·011	·993	·977	·982	·998	1·015	1·038	·068	·082	·075	·062	·031	·999	·969	·950	·947	1·009
4	·954	·975	·997	·017	·035	·039	·023	·020	·011	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	·989	·970	·975	·992	·011	·039	·072	·097	·089	·068	·043	1·009	·986	·965	·969	·014
6	·978	·992	1·014	·031	·047	·050	·038	·027	·006	·998	·993	·994	1·007	·034	·049	·074	·096	·089	·070	·039	·008	·979	·959	·960	·022
7	·965	·979	0·997	·016	·021	·035	·030	·015	·006	·995	·987	·973	0·971	0·978	·008	·030	·037	·027	·021	·000	0·958	·937	·908	·904	0·992
8	·916	·928	·944	0·956	0·969	0·979	0·988	0·971	0·954	·940	·929	·919	·921	·938	0·958	0·991	·013	·017	·008	0·985	·956	·929	·905	·913	·955
9	·927	·948	·963	·993	1·001	1·018	1·020	1·012	·990	·971	·954	·959	·976	·999	1·018	1·045	·063	·071	·068	1·042	1·012	·991	·965	·960	·999
10	·972	·986	1·011	1·024	·037	·047	·049	·047	1·025	1·009	·996	·993	1·001	1·011	·037	·057	·068	·067	·063	·039	·006	·987	·966	·960	1·019
11	·974	·982	·003	·023	·038	·041	·038	·034	·017	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	0·967	·920	·917	0·925	0·947	0·962	0·989	·006	·013	·005	0·981	0·945	·910	·891	·883	0·975
13	·893	·899	0·917	0·943	0·966	0·982	0·979	0·958	0·950	·936	·925	·927	·940	·950	·970	1·006	·017	·023	·011	·990	·948	·923	·898	·898	·952
14	·907	·917	·948	·967	·998	1·018	1·016	1·014	1·001	·989	·980	·978	·987	·991	1·016	·048	·060	·052	·043	1·011	·985	·959	·928	·920	·989
15	·944	·952	·981	1·010	1·031	·038	·026	·006	0·973	·963	·956	·951	·958	·964	0·981	·016	·040	·050	·039	·017	·990	·953	·938	·935	·988
16	·947	·956	·971	0·996	·023	·035	·031	·031	1·015	·994	·976	·975	·986	1·002	1·022	·048	·069	·060	·043	·020	·995	·962	·949	·951	1·002
17	·967	·974	·997	1·023	·033	·064	·056	·038	·017	1·002	·989	·988	·998	·020	·013	·049	·071	·075	·062	·033	1·006	·984	·959	·955	·016
18	·970	·976	·993	·012	·025	·040	·038	·024	·014	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	0·995	·976	·969	·973	0·992	·013	·045	·053	·058	·054	·035	·005	·975	·966	·970	·007
20	·975	·979	1·000	·010	·033	·046	·041	·041	·031	1·018	1·007	1·007	1·018	1·023	·048	·071	·090	·100	·092	·063	·035	1·011	·986	·982	·029
21	·991	1·007	·023	·060	·072	·084	·078	·062	·051	·033	·018	·014	·021	·058	·070	·090	·116	·122	·112	·091	·059	·029	1·004	·997	·053
22	1·011	·015	·032	·056	·068	·073	·074	·066	·051	·029	·010	·000	·002	·012	·037	·072	·092	·096	·084	·061	·022	·000	0·983	·982	·039
23	0·988	0·997	·018	·034	·062	·068	·072	·062	·041	·022	·006	0·993	0·991	·008	·025	·053	·073	·073	·062	·044	·014	0·993	·979	·978	·027
24	·994	1·004	·026	·046	·049	·052	·049	·045	·031	·006	0·983	·985	·998	·018	·049	·081	·098	·098	·083	·055	·015	·982	·964	·962	·028
25	·987	·006	·029	·055	·067	·074	·068	·061	·038	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	·003	·970	·971	·983	·000	·014	·056	·078	·085	·071	·042	·005	·970	·951	·942	·022
27	·950	0·962	0·980	·016	·039	·043	·045	·029	·014	·001	·991	·993	1·007	1·015	·037	·067	·086	·091	·079	·059	·024	·980	·972	·970	·019
28	·979	1·005	1·027	·065	·079	·093	·075	·063	·054	·042	1·032	1·030	·039	·058	·078	·109	·127	·123	·113	·093	·054	1·028	1·014	1·007	·058
29	1·016	·039	·064	·092	·111	·117	·111	·098	·086	·080	·076	·071	·077	·092	·100	·125	·146	·152	·147	·125	·097	·065	·035	·034	·090
30	·042	·049	·073	·105	·115	·121	·115	·107	·096	·073	·052	·047	·053	·062	·070	·098	·115	·119	·106	·081	·054	·016	0·981	0·977	·072
31	0·982	0·991	·013	·027	·045	·062	·063	·053	·039	·023	·009	·998	0·999	·005	·016	·030	·067	·063	·053	·022	·001	0·964	·943	·940	·017
Means	0·964	·976	·998	1·021	·037	·047	·042	·033	·017	0·999	·984	·981	·990	1·005	·024	·052	·072	·073	·062	·037	·005	0·976	·955	·953	1·013

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means, and the numbers at the heads of them are corrections of interpolations.

DRY STANDARD THERMOMETER NO. 7

(Corrected to the Kew Observatory Standard Thermometer)

	Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
	Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
JANUARY 1858		o	o	o	o	o	o	o	o	o	o *	o	o *	o	o	o	o	o	o	o	o	o	o	o	o	o
	1	76·5	76·0	74·8	74·5	74·5	75·1	73·5	72·5	72·2	71·1	70·1	70·0	69·9	69·4	69·2	71·1	73·9	76·5	78·3	79·1	79·5	79·3	79·3	78·3	74·4
	2	77·7	76·3	74·7	74·1	72·7	71·7	70·5	69·6	69·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	3	—	—	—	—	—	—	—	—	—	67·8	66·4	66·6	66·8	66·4	66·4	69·6	74·2	76·8	78·3	77·3	80·8	78·8	78·5	77·7	72·9
	4	76·5	75·5	74·5	74·3	72·7	71·6	70·6	68·8	68·4	68·0	67·6	67·0	66·4	66·2	64·8	68·3	73·4	76·5	77·6	77·7	78·5	78·3	77·8	77·5	72·4
	5	77·1	75·5	74·4	74·4	74·3	73·6	74·0	74·2	74·4	73·8	73·2	72·9	72·6	70·5	72·0	73·6	75·4	77·1	77·9	78·5	79·1	78·8	78·3	78·1	75·2
	6	76·9	75·6	74·5	74·4	73·9	73·1	73·1	73·9	73·6	72·8	72·0	72·2	72·4	70·9	69·4	74·4	76·5	78·2	77·6	79·1	79·5	78·8	78·3	78·1	75·0
	7	76·8	75·5	74·7	74·0	73·1	71·6	70·1	69·6	70·4	70·5	70·7	70·2	69·6	68·6	69·4	71·5	76·5	77·3	78·1	79·1	78·5	78·1	77·3	76·5	73·7
	8	75·9	74·9	74·5	74·2	74·0	73·6	73·5	72·9	72·6	72·6	72·7	73·0	73·2	71·6	70·7	72·2	75·3	77·0	79·3	79·8	80·3	80·1	79·7	78·3	75·1
	9	77·1	75·3	74·4	74·0	73·3	70·7	69·7	69·2	68·6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	10	—	—	—	—	—	—	—	—	—	71·9	75·3	75·4	75·5	75·5	76·0	76·2	77·1	77·5	79·7	80·3	81·0	80·3	79·6	79·3	75·5
	11	78·3	76·7	76·3	75·9	75·9	75·3	75·5	75·0	74·4	74·7	75·1	74·7	74·3	73·2	73·3	74·4	75·1	75·8	78·1	80·4	81·1	80·3	80·3	79·1	76·4
	12	78·2	76·3	75·7	75·3	74·8	73·6	72·5	70·8	70·3	69·3	68·4	68·0	67·6	67·9	68·3	70·2	75·3	76·5	78·1	78·5	78·3	78·3	79·3	78·5	73·8
	13	77·3	76·3	75·4	74·9	74·9	74·7	74·3	74·7	73·4	71·8	70·3	69·5	68·7	69·2	68·9	71·6	76·2	78·2	78·5	80·2	79·9	80·2	79·6	79·6	74·9
	14	77·8	77·0	75·5	75·4	74·7	74·6	74·6	74·4	74·2	73·2	72·2	71·1	69·9	68·6	68·9	72·1	75·2	79·3	79·7	79·9	81·4	80·3	81·0	78·3	75·4
	15	77·3	77·1	75·5	75·1	74·0	72·9	71·6	70·7	70·6	70·0	69·4	69·0	68·6	67·9	68·4	71·3	73·7	78·1	79·2	80·1	79·8	80·0	79·8	79·3	74·1
	16	77·5	76·4	74·5	72·1	70·8	70·1	69·2	68·7	67·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	17	—	—	—	—	—	—	—	—	—	66·6	65·9	65·7	65·4	65·4	64·7	67·4	71·2	74·8	75·8	77·7	77·8	78·3	78·3	77·3	71·6
	18	76·7	75·3	73·8	72·9	72·1	69·3	67·8	66·8	65·6	65·1	64·6	64·6	64·6	63·6	63·4	67·7	72·1	75·3	76·5	77·5	78·1	78·3	77·9	77·4	71·1
	19	76·6	75·3	73·7	73·2	71·1	69·3	68·3	68·3	67·8	67·6	67·4	66·9	66·4	65·9	66·4	68·5	73·4	75·8	78·5	78·7	79·3	79·0	79·0	78·8	72·3
	20	77·6	76·3	74·3	72·6	71·3	70·0	69·1	68·1	67·8	66·7	65·6	65·6	65·5	65·2	64·6	66·0	72·3	75·2	77·3	79·3	79·1	79·5	79·4	78·8	72·0
	21	78·3	76·0	74·5	73·6	73·1	72·6	72·1	70·9	69·6	68·5	67·5	67·2	66·9	66·4	66·4	69·7	74·0	77·3	79·2	80·8	82·3	82·7	82·3	80·8	73·9
	22	79·5	77·9	75·3	74·5	73·9	73·7	73·4	73·0	70·7	69·9	69·2	68·9	68·6	67·9	67·7	69·9	73·8	76·7	79·0	80·3	81·1	81·0	80·4	79·8	74·4
	23	78·3	76·5	75·3	75·0	74·4	73·9	73·7	73·1	71·6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	24	—	—	—	—	—	—	—	—	—	69·9	68·2	67·6	67·0	66·7	66·3	69·8	73·8	77·3	79·1	79·6	80·1	80·3	80·3	80·1	74·1
	25	79·2	77·4	75·4	74·6	73·7	73·6	73·4	73·2	72·9	71·4	69·9	69·2	68·5	67·1	67·4	70·6	74·4	77·7	79·4	80·4	80·9	81·3	81·1	79·8	74·7
	26	78·8	77·3	75·3	74·3	74·3	74·6	74·2	73·6	73·4	71·5	69·6	69·0	68·3	68·6	68·4	71·5	76·1	78·5	79·5	80·4	81·5	80·6	80·5	79·5	75·0
	27	78·7	76·5	75·1	74·4	73·9	73·5	73·0	72·4	70·4	68·4	66·4	65·5	64·6	63·9	64·4	68·6	73·6	76·8	78·8	79·9	80·4	80·8	80·1	79·5	73·3
	28	78·8	77·3	76·2	75·6	75·2	75·0	73·9	71·3	70·2	69·7	69·2	68·3	67·3	66·4	68·1	69·6	73·8	78·3	79·8	80·6	80·1	80·1	79·8	79·6	74·3
	29	78·8	77·3	75·4	75·3	74·8	74·2	73·2	70·6	69·2	68·3	67·4	66·6	65·8	64·9	65·5	68·9	73·6	76·7	78·4	79·9	80·4	80·1	79·8	79·8	73·5
	30	78·5	77·1	75·5	75·5	75·7	75·6	75·5	75·6	75·6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	31	—	—	—	—	—	—	—	—	—	73·1	70·7	69·5	68·2	68·1	68·4	71·4	74·9	77·1	78·3	80·3	81·2	81·2	80·8	80·0	75·3
	Means	77·7	76·3	75·0	74·4	73·7	73·0	72·3	71·6	70·9	70·2	69·4	69·0	68·6	67·9	68·0	70·6	74·4	77·0	78·5	79·4	80·0	79·8	79·6	78·8	74·0
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	1	79·0	76·5	74·9	73·2	70·9	69·4	69·1	68·2	66·9	66·1 *	65·4	65·1 *	64·7	63·4	62·9	66·4	70·5	74·6	77·5	79·8	80·3	81·3	81·1	80·3	72·0
	2	79·2	77·3	73·8	74·5	69·9	69·4	67·9	66·7	66·2	65·8	65·4	65·0	64·6	63·7	63·6	67·4	71·4	76·4	79·3	81·9	82·3	82·5	82·3	81·5	72·3
	3	80·3	77·6	75·2	73·4	71·4	69·9	69·3	68·5	68·4	67·9	67·4	67·1	66·8	65·6	68·4	69·6	71·9	76·3	78·7	81·2	82·0	82·5	82·1	80·8	73·4
	4	79·3	77·6	75·7	75·3	74·6	74·3	73·8	71·9	71·0	69·7	68·4	68·3	68·2	66·3	66·4	69·6	74·3	77·9	79·3	80·0	81·1	81·3	80·8	80·1	74·4
	5	79·2	77·3	74·3	72·2	71·3	70·4	70·1	69·8	69·2	67·8	66·4	66·1	65·7	65·4	65·6	69·9	73·6	77·5	79·5	81·2	82·2	82·3	81·8	81·4	73·3
	6	80·2	77·6	76·5	76·1	75·8	75·3	74·8	74·4	74·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	7	—	—	—	—	—	—	—	—	—	74·2	74·1	73·8	73·4	72·7	72·9	75·3	79·0	82·1	83·5	83·7	84·2	83·3	84·0	83·1	77·7
	8	81·5	80·3	79·0	79·0	78·4	77·3	77·2	77·0	77·0	75·7	74·4	73·2	71·9	71·3	72·3	73·9	77·1	80·5	82·4	82·8	83·2	82·4	82·4	82·1	78·0
	9	81·3	79·3	77·5	77·0	76·2	76·0	75·9	75·3	75·3	75·1	74·9	71·8	68·7	68·3	69·4	71·9	75·5	79·5	80·8	81·7	83·0	81·5	82·3	82·1	76·7
	10	81·1	78·9	77·3	76·5	76·2	74·4	73·6	73·3	71·6	71·1	70·7	69·7	68·6	68·7	68·3	71·4	75·5	79·4	80·8	82·5	82·6	83·3	83·3	82·3	75·9
	11	81·4	79·4	76·3	76·3	76·5	76·0	75·3	74·6	74·6	72·7	70·9	70·3	69·7	69·4	69·6	73·0	76·4	80·2	81·8	83·3	83·3	84·1	84·3	82·8	76·8
	12	82·1	80·1	77·7	77·1	76·5	75·5	75·3	75·2	74·9	73·5	72·2	71·7	71·2	70·6	71·4	74·2	77·1	80·3	82·5	84·3	85·3	85·8	85·3	84·1	77·7
	13	82·3	80·1	78·4	78·4	77·4	77·2	76·8	76·6	76·1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	14	—	—	—	—	—	—	—	—	—	74·2	72·4	72·0	71·6	71·4	72·1	74·9	77·5	80·5	82·3	83·5	83·3	83·1	83·1	82·3	77·8
	15	81·3	79·8	78·4	78·0	77·9	77·5	77·3	76·5	76·3	75·9	75·6	73·9	72·1	71·4	70·6	74·1	77·2	81·2	81·3	81·6	82·3	82·9	82·3	82·2	77·8
	16	81·1	79·3	77·8	77·3	77·0	76·4	75·6	75·2	74·9	74·5	74·1	71·3	68·4	68·4	68·4	74·7	77·3	79·3	79·9	81·3	81·3	81·5	81·3	81·3	76·6
	17	80·3	79·0	77·3	77·0	76·9	76·5	75·9	75·5	75·5	75·0	74·5	72·5	70·4	68·7	68·4	72·5	76·0	79·7	80·3	82·1	82·1	82·2	82·3	81·3	76·7
	18	80·2	78·3	76·5	76·2	75·3	75·5	75·2	74·6	74·6	73·0	71·4	69·4	67·4	67·1	65·8	70·4	75·3	79·6	80·5	81·1	80·8	81·3	81·4	80·2	75·5
	19	79·5	78·2	76·4	75·1	75·0	73·3	70·5	68·6	68·0	67·3	66·6	65·6	64·6	64·4	65·3	69·2	74·4	77·5	79·3	81·1	81·2	81·0	81·5	81·1	73·5
	20	79·7	78·3	77·0	76·2	75·7	75·5	75·4	75·2	74·6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	21	—	—	—	—	—	—	—	—	—	74·7	74·9	73·8	72·7	72·9	73·6	75·3	79·0	80·5	82·1	83·8	83·4	82·8	82·6	81·8	77·6
	22	81·5	80·2	78·6	78·3	78·3	77·5	77·3	77·1	76·6	76·4	76·3	74·8	73·2	72·4	72·4	77·1	79·3	81·8	82·0	83·5	83·2	83·8	82·5	82·3	78·6
	23	81·3	79·5	78·4	78·0	77·5	76·8	76·3	73·5	72·6	72·1	71·6	70·7	69·7	69·4	70·0	72·6	76·6	79·5	81·8	82·7	83·3	83·3	83·3	83·1	76·8
	24	82·1	80·1	78·3	77·6	77·4	77·3	76·4	74·9	75·0	73·5	72·1	70·7	69·2	68·5	68·4	73·3	77·1	80·7	81·6	83·2	84·1	84·3	83·3	83·2	77·2
	25	81·3	79·9	78·2	77·5	77·1	76·9	76·3	75·7	75·6	73·5	71·4	70·8	70·1	69·4	68·6	73·7	78·4	80·7	82·1	83·3	83·3	84·1	84·1	83·3	77·3
	26	82·4	80·5	78·3	77·2	76·4	76·3	76·1	75·5	73·4	72·6	71·9	71·2	70·4	70·0	70·4	71·3	74·8	81·2	82·3	82·7	83·6	82·7	82·4	83·0	76·9
	27	82·3	80·8	79·1	78·1	77·4	77·3	77·1	76·3	75·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	28	—	—	—	—	—	—	—	—	—	74·3	73·4	72·8	72·1	71·5	71·2	76·1	79·6	82·4	83·6	84·7	84·7	84·6	84·3	83·8	78·4
	Means	80·8	79·0	77·1	76·4	75·7	75·1	74·5	73·8	73·2	72·4	71·5	70·5	69·4	68·8	69·0	72·4	76·0	79·6	81·0	82·4	82·8	82·8	82·7	82·1	76·2

* The numbers in these columns are not observed, but interpolated for the sake obtaining the daily means.

DRY STANDARD THERMOMETER No. 7

(Corrected to the Kew Observatory Standard Thermometer)

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	o	o	o	o	o	o	o	o	o	o*	o	o*	o	o	o	o	o	o	o	o	o	o	o	o	o
1	83·3	81·3	79·5	79·3	78·6	78·2	77·5	76·3	75·2	74·4	73·7	73·3	72·9	72·7	73·4	77·1	80·3	83·5	86·2	86·6	86·4	85·4	84·8	84·5	79·4
2	83·1	81·3	80·0	79·8	79·2	78·8	78·4	78·3	77·3	76·8	76·3	75·4	74·4	73·9	74·3	78·3	80·8	83·9	86·2	86·5	86·3	86·5	86·0	84·3	80·3
3	83·3	81·3	79·8	79·4	79·3	78·8	78·4	78·4	78·6	77·2	75·9	75·7	75·5	74·6	74·9	78·3	81·2	84·5	85·8	87·0	85·2	85·5	85·3	85·0	80·4
4	83·8	82·1	79·8	79·3	78·8	78·5	77·9	77·6	77·0	75·4	73·9	73·7	73·5	74·1	74·4	75·6	79·4	82·4	84·8	85·3	86·5	86·5	86 3	85·3	79·7
5	83·3	81·3	79·5	78·8	78 3	77·5	76·5	76·5	76·3	74·4	72·6	72·0	71·4	70·6	71·2	75·8	78·8	82·1	83·3	84·5	85·5	85·5	85·1	84·3	78·5
6	83·1	81·3	79·2	78·5	77·5	77·3	77·1	76·8	75·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	—	74·2	73·2	72·9	72·6	71·6	71·3	76·3	79·3	82·3	84·5	85·5	85·5	84·5	85·2	83·6	78·7
8	82·8	81·3	79·6	78·8	78·3	78·0	77·6	77·3	75·5	74·3	73·2	72·7	72·2	71·9	72 0	75·8	79·3	81·3	83·4	84·4	85·2	85·3	84·5	84·3	78·7
9	83·0	80·6	78·7	77·7	77·4	76·9	76·3	76·2	74·8	73·0	71·2	70·8	70·4	70·4	70·4	74·4	78·2	81·6	83·0	83·5	83·8	84·3	84·2	83·7	77·7
10	82·8	81·3	78·6	77·8	77·3	77·2	76·9	76·6	73·9	73·1	72·4	71·5	70·6	69·6	70·9	75·3	79·1	81·3	83·3	84·1	84·1	84·8	84·5	83·9	78·0
11	83·1	81·3	79·2	78·7	78·5	78·3	78·0	77·7	76·2	75·1	74·0	73·7	73·4	72·4	72·6	76·5	79·3	81·3	84·4	84·4	85·4	85·5	85·7	85·3	79·2
12	84·7	82·3	80·2	79·3	77·8	77·6	75 8	73·9	72.9	72·0	71·2	70·8	70·4	71·9	73·2	75·5	79·1	81·5	85·3	86·5	87·5	88·5	86·5	87·2	78·8
13	85·5	83·8	80·7	79·0	77·2	76·3	75·5	74·4	74·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	74·3	74·3	73·9	73·4	73·2	74·4	77·3	81·2	83·8	84·6	85·8	86·3	86·5	86·3	85·1	79·5
15	84·3	82·3	80·2	79·2	78 0	77·1	75·5	74·7	74·4	73·4	72·4	71·9	71·4	71·4	72·2	75·3	80·2	82·6	84·4	85·2	86·0	86·0	86·2	85·5	78·7
16	83·8	82·3	80·2	79·5	78·7	78·3	78·1	76·7	75·5	74·9	74·4	74·4	74·4	74·1	74·3	77·5	81·3	85·3	87·1	87·2	87·5	87·3	86·3	85·7	80·2
17	84·4	82·3	80·7	80·1	79·7	79·5	79·1	78·3	77·8	76·6	75·5	74·6	73·6	73·4	74·6	79·0	82·5	86·7	86·3	87·3	87·5	87·3	86·7	85·8	80·8
18	84·9	82·6	81·2	80·2	79·7	79·1	78·5	77·5	76·9	75·7	74·6	73 8	72·9	72·4	74·3	78·3	82·1	84·3	85·5	86·1	86·3	85·8	85·6	85·4	80·2
19	84·6	82·3	80·7	79·5	79·2	78·9	78·8	78·1	76·8	76·0	75·3	74·2	73·1	71·8	73·2	76·9	81·3	83·3	84·9	85·3	86·0	86·5	85·7	85·0	79·9
20	84·4	82·1	80·2	79·5	79·1	78·2	77·8	75·3	74·6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	—	73·8	73·1	72·3	71·4	71·2	72·6	76·2	80·8	83·9	86·3	86·5	87·3	87·5	87·6	87·3	79·5
22	85·8	83·5	81·5	80·5	79·6	79·3	78·8	78·3	78·0	77·1	76·3	75·6	74·9	74·6	75·3	78·4	82·3	85·9	86·4	88·3	88·3	88·9	88·3	87·1	81·4
23	86·0	84·2	81·9	81·0	80·7	80·3	79·3	78·3	77·1	76·4	75·8	75·2	74·6	74·4	75·3	79·6	83·3	85·8	86·8	88·6	88·3	88·3	88·3	87·8	81·6
24	86·4	84.6	82·3	81 4	81·3	80·3	79·1	78·1	76·1	75·3	74·6	74·1	73·6	73·6	74·8	78·7	81·9	84·8	87·7	89·0	89·3	90·0	89·3	89·1	81·5
25	87·6	85·3	82·4	81·1	80·2	79·1	77·5	75·7	75·7	75·1	74·6	74·3	73·9	73·6	74·6	78·8	82·2	85·0	87·5	88·3	87·8	87·5	87·3	97·1	80·9
26	85·8	83·3	81·7	80·4	79·7	79·1	78·6	78·3	76·8	76·3	75·8	75·1	74·4	74·2	74·9	77·3	81·8	84·3	86·8	87·3	87·4	88·1	87·5	86·3	80·9
27	85·0	83·1	81·1	80·4	79·5	79·3	78·5	78·3	77·1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	77·1	77·1	77·2	77·2	77·2	79.0	81·0	82·8	85·5	87·7	89·3	89·2	88 4	88·0	87·4	81·9
29	86·3	83·9	82·2	81·5	81·1	81·1	80·3	80·1	79·5	78·4	77·3	76·4	75·5	75·5	76·2	79·5	83·2	86·3	88·4	88·5	89·5	88·5	88 2	87·3	82·3
30	85·3	84·2	82·5	81·4	81·3	81·0	80·7	80·2	79·5	78·6	77·7	77·1	76·5	76·3	76·9	81·3	84·5	87·5	90·3	89·3	89·2	89·2	89·1	88·3	82·8
31	86·3	84·3	83·0	82·5	82·1	82·0	81·5	81·3	80·3	79·8	79·3	78·3	77·3	76·8	78·1	81·2	84·3	88·3	89·3	89·1	89·8	89·5	89·2	88·1	83·4
Means	84·5	82·6	80·6	79·8	79·2	78·7	78·1	77·4	76·4	75·5	74·7	74·1	73·5	73·2	74·0	77·6	81·1	84·0	85 9	86 6	86·9	86·9	86·6	85 9	80·2
1	86·9	84·7	83·3	82·5	82·5	82·3	81·5	81·2	80·3	79·3*	78·3	77·7*	77·0	76·3	77·5	81·8	85·3	87·2	88 3	89·3	89·5	89·5	89·0	87·5	83·3
2	86·1	83·5	82·3	81·3	81·1	81·0	80·3	80·0	79·2	78·0	76·8	76·1	75·4	74·2	75·3	78·5	81·0	84·3	88·2	90·3	92·3	93·8	90·0	88·3	82·4
3	86·3	83·5	82·3	81·5	81·2	80·6	80·1	78·5	76·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	77·0	77·2	77·3	77·3	77·0	78·5	81·3	85·2	87·5	90·5	89·5	89·5	90·5	89·3	88·5	82·8
5	87·1	84·5	83·2	82·5	82·3	81·5	81·3	79·3	79·3	78·7	78·2	77·7	77·1	76·1	78·6	83·3	85·5	89·1	89·5	90·3	90·5	89·8	90·1	89·5	83·5
6	88·3	85·6	84·1	83·3	82·6	81·7	81·3	81·3	81·1	80·1	79 2	78·7	78·1	77·3	78·9	80·8	83·1	87·5	89·8	92·9	93·5	93·3	94·0	93·5	84·6
7	90·5	86·7	84·9	83·5	82·1	81·3	80·3	79·3	78·3	77·4	76·5	76·4	76·2	75·5	77·5	82·1	85·3	88·3	89·3	90·5	89·9	90·5	90·3	89·5	83·4
8	87·8	85·6	83·8	83·3	82 8	82·3	81·8	80·7	78·8	78·0	77·3	77·2	77·0	77·1	78·4	81·9	85·5	89·1	91·9	92·1	91·9	92·6	91·5	91·1	84·1
9	89·0	86·5	84·6	83·3	82·8	82·4	82·1	81·3	79·8	79·6	79·5	78·3	77·1	77·3	78·3	83·2	87·3	91·1	93·8	96·9	95·2	94·5	94·6	93·9	85·5
10	90·9	87·2	85·6	84·7	84·5	84·8	84·3	83·6	83·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	82·9	82·7	82·1	81·5	81·8	83·3	86·5	89·8	93·3	95·2	96·7	94·3	92·1	91·3	89·3	87·2
12	87·8	85·3	84·5	84·4	84·6	84·2	84·0	83·9	83·3	82·9	82·5	82·4	82·3	82·1	83·1	86·1	89·5	92·3	93·1	92·5	91·6	91·3	89·6	89·3	86·4
13	87·8	85·6	84·0	83·6	83·1	83·1	82·4	82·4	82·3	82·0	81·8	81·7	81·5	81·1	81·5	84·5	88·8	91·3	92·3	91·2	91·0	91 2	90·3	88·4	85·5
14	87·6	85·3	83·5	83·0	82·5	82 5	82·5	82·1	82·1	82·3	82·5	81·7	80·9	80·0	81·8	84·3	87·5	89·0	89·6	91·3	91·4	91·1	90·5	89·0	85·2
15	87·8	85·1	83·5	82·6	82·5	82·2	82·0	81·1	80·6	79·9	79·3	78·7	78·1	78·0	80·3	84·3	87·9	89·1	89·3	90·8	90·3	90·3	89·6	89·3	84·3
16	88·1	85·3	83·7	82·9	82·6	82·3	81·8	81·1	80·5	79·9	79·3	78·6	77·9	78·1	80·5	84·5	87·4	88·3	89·6	91·3	91·1	90·3	91·1	87·7	84·3
17	87·6	85·9	83·7	83·2	82·7	82·3	82·2	82·1	81·6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	80·9	80·0	79·1	78·0	77·9	81·3	86·1	88·3	89·6	90·8	91·2	92·3	91·3	91·7	90·3	85·0
19	88·6	86·4	84·5	83·7	83·3	82·8	82·3	82·3	80·6	80·0	79·5	78·9	78·3	77·9	80·3	84·6	87·1	90·0	91·5	92·0	91·3	91 3	91·0	90·1	84·9
20	88·8	86·7	84·0	83·3	82·5	82·3	82·2	81·5	80·8	80·0	79·3	78·8	78·3	77·8	80·2	84·3	86·5	89·1	92·8	92·3	91·3	91·3	91·8	90·5	84·9
21	88·6	86·3	84·0	83·0	82·4	82·1	81·1	80·4	78·1	77·5	77·0	76·2	75·3	75·7	77·7	83·5	87·1	89·5	90·3	91·2	91·6	91·5	91·1	90·3	83·8
22	89·0	86·3	84·0	83·3	82·5	82·3	81·4	81·3	80·3	79·0	77·8	77·2	76·5	76·3	78·5	83·1	86·5	89·3	90·3	90·5	91·3	90·5	90·5	89·6	84·1
23	88·0	86·6	83·5	83·1	82·3	82·3	81·5	81·1	81·1	79·7	78·3	77·9	77·5	76·8	79·7	84·4	86·4	89·3	91·1	91·1	90·5	91·2	90·6	90·2	84·3
24	88·5	86·9	84·1	83·3	83·0	82·8	82·3	81·9	81·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	81·8	82·5	81·9	81·3	80·3	81·5	86·3	87·1	90·3	91·3	92·1	92·3	91·2	91·3	90·3	85·6
26	88·5	86·8	85·2	84·2	84 0	83·6	83·3	82·8	82·5	82·3	82·1	80·8	79·5	80·3	82·7	84·8	88·8	90·0	90·5	91·6	92·4	92·1	91 5	91·4	85·9
27	89·4	87·1	85·5	84·8	84·3	84·5	84·1	82·3	82·1	81·8	81·5	81·2	80·8	79·9	84·1	86·6	88·0	89·0	91·1	91·3	91·3	91·3	91 2	90·3	86 0
28	89·7	87·0	86·2	85·4	85·5	85·3	85·1	84·0	84·0	83·7	83·5	82·9	82·3	81·3	82·1	84·1	85·1	84·5	84·0	85·3	85·5	84·3	82·3	82·8	84·4
29	83·3	82·2	82·2	82·0	82 2	82·3	81·8	81·5	81·2	81·1	81·1	79·7	78·2	79·1	79·2	79 5	82·3	87·3	88·3	88·3	88·6	89·3	88·9	88·7	83 3
30	88·3	85·6	84 0	83·4	83·1	81·9	81·3	80·5	80·5	80·4	80·3	80·2	80·0	79·2	82·3	79·1	82·1	86·3	88·2	88·3	88·4	88·8	88·8	89·1	83·8
Means	88·1	85·7	84·0	83·3	82·9	82·6	82·1	81·4	80·8	80·2	79·8	79·2	78·6	78·2	80·1	83·4	86 3	88·9	90 4	91·2	91·1	91·0	90·5	89 6	84·6

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

DRY STANDARD THERMOMETER No. 7

(Corrected to the Kew Observatory Standard Thermometer)

	Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
	Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
MAY 1858		o	o	o	o	o	o	o	o	o	* o	o	* o	o	o	o	o	o	o	o	o	o	o	o	o	o
	1	87·7	86·1	84·3	83·5	83·3	83·1	82·5	81·6	81·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	2	—	—	—	—	—	—	—	—	—	80·4	79·6	79·1	78·5	78·5	80·0	82·5	85·5	88·3	89·4	89·7	89·5	88·8	90·5	90·0	84·3
	3	89·1	86·5	83·1	83·1	82·5	82·1	82·3	81·5	81·0	80·1	79·3	79·3	79·3	79·4	81·3	82·1	81·3	79·5	79·3	78·2	79·1	79·5	81·3	80·5	81·3
	4	80·6	80·6	80·2	80·4	80·2	80·3	80·1	79·6	79·3	78·3	77·3	77·7	78·0	78·7	79·5	79·1	80·5	78·3	77·3	78·5	78·5	78·3	76·5	76·3	78·9
	5	76·3	76·1	75·8	75·7	76·1	75·5	75·3	75·2	75·2	75·2	75·2	74·6	73·9	75·1	75·9	78·3	79·1	82·3	83·3	85·3	84·3	83·9	82·5	83·2	78·1
	6	84·5	83·6	81·1	80·4	79·7	79·5	79·3	78·9	78·8	78·2	77·6	77·8	78·0	78·2	80·3	81·1	83·5	85·3	86·5	87·5	89·4	89·5	89·2	87·8	82·3
	7	86·9	85·6	83·9	83·2	83·0	82·3	82·1	81·3	81·3	81·0	80·8	80·1	79·3	78·8	81·5	83·5	86·3	89·2	91·0	92·3	92·5	90·5	90·2	89·5	84·8
	8	88·6	85·6	84·5	83·7	83·4	83·5	82·3	81·7	81·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	9	—	—	—	—	—	—	—	—	—	80·5	79·9	79·2	78·5	78·3	79·3	81·0	82·8	85·3	86·5	88·0	89·3	89·6	89·8	89·5	83·8
	10	86·6	84·7	82·5	82·1	81·4	81·1	80·4	79·5	79·3	79·3	79·3	79·1	78·8	78·3	81·3	84·0	86·3	88·8	90·4	91·6	93·5	95·3	91·5	90·6	84·4
	11	90·8	87·3	85·3	84·4	83·6	83·3	83·2	82·3	81·3	80·3	79·3	79·5	79·7	79·5	81·5	84·6	87·8	90·3	91·3	91·8	91·4	91·7	91·9	91·3	85·6
	12	88·6	86·6	84·7	83·7	83·2	83·5	83·3	82·9	81·9	81·5	81·1	80·8	80·5	80·4	81·8	84·5	86·7	89·3	91·6	90·7	90·5	87·0	86·6	87·5	85·0
	13	86·4	85·5	84·1	83·5	82·3	82·3	81·7	81·1	79·5	79·2	79·0	78·7	78·3	79·0	80·8	86·3	87·8	90·3	90·8	90·5	92·3	91·3	90·6	89·2	84·6
	14	87·4	86·6	84·1	83·7	83·3	83·1	83·1	83·0	83·0	81·6	80·3	79·8	79·2	79·1	82·2	84·8	86·6	89·3	91·3	90·5	89·6	89·7	90·2	90·3	85·1
	15	89·3	88·4	85·7	84·3	83·9	83·8	83·5	83·3	82·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	16	—	—	—	—	—	—	—	—	—	84·0	85·3	84·7	84·0	83·3	84·8	85·6	88·3	90·5	94·1	93·8	96·7	95·1	98·3	97·1	87·9
	17	96·9	94·6	92·3	88·3	81·8	81·3	81·1	80·3	80·3	80·5	80·8	81·0	81·2	80·6	81·3	82·6	82·6	85·3	86·3	88·3	90·6	90·0	91·5	91·5	85·5
	18	91·3	89·2	78·3	78·8	78·6	80·7	80·8	81·1	80·5	80·5	80·5	80·8	81·0	80·1	79·4	78·1	81·3	84·5	86·3	89·0	90·5	91·0	92·1	89·2	83·5
	19	88·0	86·8	86·3	85·3	84·0	82·5	81·5	81·3	81·1	80·7	80·3	79·5	78·7	78·3	79·3	83·6	85·5	87·3	89·9	92·1	93·3	93·8	94·7	94·2	85·3
	20	92·3	91·2	89·3	87·9	86·8	86·2	84·8	84·3	83·3	82·3	81·3	80·7	80·1	79·5	80·5	84·1	87·4	90·3	91·7	94·1	95·3	96·7	96·6	97·1	87·7
	21	96·3	89·8	87·1	85·2	84·3	84·5	84·1	83·6	83·1	82·3	81·5	80·8	80·0	79·3	81·0	84·6	88·1	90·8	92·5	93·5	95·7	95·5	96·8	91·4	87·2
	22	88·6	86·1	85·3	84·4	84·1	83·8	83·5	83·2	82·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	23	—	—	—	—	—	—	—	—	—	82·0	81·3	81·2	81·0	80·5	83·5	86·5	89·1	90·7	92·9	95·3	97·2	99·2	100·2	97·7	87·5
	24	91·1	88·5	86·3	85·3	84·6	83·3	83·2	83·2	83·0	82·6	82·3	81·8	81·3	81·2	84·8	88·3	91·0	92·3	94·3	95·8	97·7	99·5	100·9	97·7	88·3
	25	92·3	91·2	87·3	85·7	84·7	84·5	84·3	83·8	82·8	82·6	82·5	82·3	82·1	82·2	83·5	86·8	88·8	92·5	94·5	97·0	99·4	99·2	94·0	93·8	88·2
	26	92·0	88·6	85·4	84·8	83·9	84·5	85·0	82·9	83·0	82·3	81·6	81·0	80·4	81·3	83·8	86·6	89·3	91·3	92·9	95·6	96·9	98·2	91·3	89·2	87·2
	27	87·9	85·7	82·6	82·7	82·2	81·8	81·8	81·3	81·3	80·8	80·4	80·4	80·3	80·3	81·3	86·6	89·0	91·3	93·5	94·4	96·4	96·9	93·1	90·1	85·9
	28	88·3	86·4	85·2	84·4	83·9	84·0	84·1	83·7	83·7	82·4	81·2	80·8	80·4	80·0	82·9	86·3	89·3	93·1	94·5	96·9	97·3	94·4	92·8	92·3	87·0
	29	90·6	88·3	85·5	84·3	84·2	83·9	83·1	83·2	82·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	30	—	—	—	—	—	—	—	—	—	82·4	82·1	81·7	81·2	81·1	83·8	88·3	91·5	93·8	96·2	97·4	97·2	96·2	97·2	92·5	87·9
	31	91·3	90·3	88·1	87·1	86·1	85·3	84·5	83·6	83·3	82·6	82·0	81·8	81·5	81·5	86·4	89·2	91·5	94·5	97·2	98·2	99·7	99·7	100·3	96·2	89·2
	Means	88·8	86·9	84·5	83·7	82·9	82·7	82·3	81·8	81·4	80·9	80·4	80·2	79·8	79·7	81·6	84·2	86·4	88·6	90·2	91·4	92·4	92·3	91·9	90·6	85·2
JUNE 1858																										
	1	93·4	90·2	85·5	84·5	84·0	83·5	83·3	82·6	82·5	* 82·4	82·3	* 82·2	82·0	83·3	86·3	89·3	92·1	94·3	96·2	97·2	95·4	94·3	93·4	92·1	88·0
	2	89·8	87·9	85·1	84·6	84·4	84·4	83·9	83·3	83·2	82·8	82·5	82·9	83·2	84·3	86·8	89·3	92·3	95·0	96·2	99·3	101·2	103·0	96·1	91·5	88·9
	3	81·5	81·3	82·5	82·7	82·5	82·8	82·8	82·3	82·1	81·0	80·0	80·0	79·9	80·1	81·3	84·3	89·2	90·8	91·8	93·8	95·2	97·2	97·6	95·0	85·7
	4	90·5	87·7	87·4	84·5	84·3	83·3	83·1	81·5	80·1	80·3	80·6	80·0	79·3	79·5	81·0	83·5	88·3	91·3	94·1	95·1	96·0	97·4	98·1	99·1	86·9
	5	94·7	89·5	85·6	84·5	84·4	84·0	83·7	83·3	82·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	6	—	—	—	—	—	—	—	—	—	81·4	80·4	79·9	79·3	79·9	83·2	87·3	89·9	91·3	94·6	97·4	98·2	96·2	95·4	95·1	87·6
	7	94·5	91·1	85·7	84·5	84·0	82·5	82·9	82·5	82·0	81·1	80·3	79·0	77·7	78·3	82·4	87·2	90·3	92·9	95·5	97·6	99·7	100·4	102·0	94·5	87·9
	8	91·7	89·1	86·3	85·8	84·3	84·0	83·5	83·3	82·6	82·2	81·8	81·6	81·3	80·8	82·3	86·3	88·8	93·5	96·0	97·2	98·0	94·3	91·8	90·5	87·4
	9	90·3	88·3	85·5	84·5	83·6	83·5	83·1	82·8	82·4	81·9	81·5	81·4	81·3	81·3	83·3	85·7	91·3	94·0	96·1	99·1	96·2	96·2	95·7	94·1	87·6
	10	92·7	91·2	87·7	85·7	84·9	84·1	84·5	84·1	83·7	83·2	82·8	82·1	81·3	81·8	85·1	89·5	92·5	94·5	97·4	98·8	100·2	97·7	97·5	94·0	89·0
	11	92·5	89·9	86·2	85·3	85·2	85·5	85·5	85·3	84·3	84·3	84·3	83·4	82·5	81·3	84·5	90·3	93·3	95·1	98·0	99·2	97·4	96·4	96·5	95·2	89·2
	12	93·4	90·9	88·0	87·2	86·7	85·6	85·3	85·5	85·1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	13	—	—	—	—	—	—	—	—	—	84·7	84·3	83·8	83·3	82·6	85·9	88·6	92·8	95·2	98·0	101·2	102·0	96·3	94·9	95·2	89·9
	14	92·5	90·1	86·7	85·4	85·5	85·3	85·3	85·2	84·5	83·9	83·3	82·9	82·5	82·4	86·5	90·8	94·4	96·0	98·0	99·2	100·2	101·2	95·3	95·2	89·7
	15	90·5	87·6	85·5	85·7	85·3	84·5	84·3	82·7	81·7	81·9	82·1	82·1	82·0	81·3	82·3	84·5	87·6	89·2	91·3	90·3	90·1	90·8	89·9	89·1	85·9
	16	87·5	85·7	84·6	84·4	84·4	84·1	83·9	83·3	82·5	82·6	82·7	82·5	82·2	82·1	82·3	83·9	87·2	89·3	91·8	94·3	94·3	96·2	91·5	90·2	86·4
	17	89·9	87·6	87·2	86·1	79·4	79·2	79·9	79·5	79·3	79·5	79·7	80·0	80·2	79·7	81·1	82·7	85·5	89·8	90·6	92·2	93·6	95·2	92·7	95·3	85·2
	18	88·5	88·3	85·8	84·1	79·6	78·0	78·4	78·9	79·3	79·5	79·7	79·5	79·3	79·3	81·1	84·6	87·8	89·5	91·2	91·7	93·3	95·1	95·2	95·0	85·1
	19	89·6	86·7	84·4	83·5	83·6	83·6	82·8	82·5	82·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20	—	—	—	—	—	—	—	—	—	82·7	83·1	82·8	82·5	81·3	82·9	87·0	89·3	90·3	92·3	94·3	95·2	98·2	98·2	97·2	87·3
	21	91·3	88·8	85·5	83·6	83·3	83·3	83·5	83·3	82·5	82·1	81·8	81·6	81·3	81·5	82·9	85·0	87·1	89·3	91·5	94·3	95·6	96·7	95·4	94·7	86·9
	22	89·1	87·2	86·1	84·8	84·1	83·1	81·8	81·3	82·6	82·9	83·3	82·9	82·4	81·3	82·5	86·1	89·1	90·3	92·3	94·3	94·7	95·2	95·5	89·9	86·8
	23	87·6	85·1	84·0	83·5	83·2	83·3	83·5	83·1	83·1	81·9	80·7	80·0	79·3	78·5	81·9	86·8	89·9	91·3	93·4	95·2	97·2	98·4	98·9	90·9	86·7
	24	87·5	87·1	85·3	84·1	84·1	83·3	83·3	83·1	82·1	82·0	82·0	80·9	79·8	79·9	85·0	88·1	90·1	92·3	93·3	95·7	97·0	98·4	99·5	93·5	87·4
	25	91·0	87·9	85·2	84·5	84·5	84·1	83·8	83·4	83·2	83·1	83·0	83·6	84·2	83·1	84·4	87·5	90·1	92·3	93·3	95·3	99·0	100·0	96·3	93·0	88·2
	26	91·8	89·0	86·2	84·8	84·2	83·1	82·8	83·1	82·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	27	—	—	—	—	—	—	—	—	—	82·8	82·8	82·0	81·2	80·7	84·9	88·3	91·0	93·3	94·3	94·5	94·4	94·3	94·0	93·0	87·5
	28	91·7	89·3	86·5	85·5	85·1	85·0	84·5	84·0	83·6	83·1	82·7	82·8	82·8	82·3	83·6	87·2	91·0	94·1	96·2	98·2	100·0	101·7	97·7	92·3	88·8
	29	91·3	89·6	87·2	86·1	85·4	84·5	84·1	83·6	82·9	83·9	84·9	83·7	82·5	82·3	83·3	88·3	91·2	92·6	95·2	96·4	97·4	99·2	95·2	94·4	88·5
	30	92·4	90·2	86·5	86·2	86·1	85·6	85·3	84·3	84·3	83·7	83·2	82·9	82·5	81·3	84·3	87·8	90·8	93·3	95·2	97·4	94·2	94·1	92·3	92·3	88·2
	Means	90·7	88·4	85·9	84·8	84·1	83·6	83·4	83·0	82·6	82·3	82·1	81·8	81·4	81·2	83·5	86·9	90·1	92·3	94·4	96·1	96·8	97·1	95·6	93·5	87·6

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

DRY STANDARD THERMOMETER No. 7

(Corrected to the Kew Observatory Standard Thermometer)

	Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
	Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
JULY 1858		o	o	o	o	o	o	o	o	o	* o	o	* o	o	o	o	o	o	o	o	o	o	o	o	o	o
	1	91·8	89·0	86·1	84·9	84·9	84·3	82·3	82·3	82·2	81·1	80·0	79·8	79·5	79·5	82·0	85·7	89·8	92·5	95·2	97·0	98·4	94 5	93·8	92·6	87·0
	2	92·6	89·5	86·4	86·2	81·5	79·6	79·5	78·5	79·9	78·8	77·8	77·3	76·8	77·2	77·5	79·1	81·8	85·3	87·8	90·3	91·1	92·3	94·2	94·2	84·0
	3	94·3	90·0	85·5	84·3	84·0	83·8	83·5	83·1	83·1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	4	—	—	—	—	—	—	—	—	—	80·0	76·9	77·1	77·3	77·3	78·7	80·5	83·1	86·3	88·3	91·3	90·6	91·5	94·1	94·2	85·0
	5	89·3	88·2	84·7	83·6	82·7	82·0	76·7	77·1	77·3	78·1	78·9	78·7	78·5	77·8	79·4	82·1	87·1	87·4	89·3	92·2	93·1	93·8	88·1	87·4	83·9
	6	87·7	86·2	84·0	84·5	81·3	79·0	78·8	78·3	78·4	78·9	79·5	79·3	79·0	79·2	79·6	81·2	83·5	86·5	88·1	89·2	89·6	89·7	89·8	90·0	83·4
	7	88·3	86·2	83·5	83·0	81·2	80·8	79·5	79·1	78·7	79·3	80·0	79·9	79·8	80·0	80·0	80·5	82·3	84·1	86·1	86·9	88·1	88·5	89·5	89·6	83·1
	8	91·5	89·2	86·7	84·7	84·6	83·5	82·7	82·3	81·9	81·5	81·2	80·5	79·8	79·9	80·1	84·9	87·8	89·3	91·8	92·0	92·6	94·2	95·2	92·8	86·3
	9	90·1	88·6	87·7	79·3	79·7	80·3	80·0	79·9	80·3	80·2	80·1	80·3	80·4	80·3	81·8	86·3	88·3	90·3	90·9	93·1	95·4	95·7	97·0	90·3	85·7
	10	90·1	86·5	84·7	84·8	84·5	84·5	84·1	83·6	83·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	11	—	—	—	—	—	—	—	—	—	82·0	80·8	81·0	81·2	80·2	82·1	86·1	88·5	89·1	89·5	90·1	90·8	91·9	92·6	92·7	86·0
	12	92·3	90·1	85·5	85·2	83·6	83·3	82·6	81·1	80·7	80·8	81·0	80·7	80·4	80·8	81·3	83·3	85·6	88·5	89·3	91·2	91·1	91·3	92·2	92·1	85·6
	13	91·3	90·3	88·3	87·0	85·7	85·5	85·0	84·3	83·5	83·4	83 3	83·1	82·8	82·0	82·4	84·3	86·3	89·1	91·6	92·5	93·3	93·3	94·1	93·7	87·3
	14	90·3	88·3	81·1	79·9	80·5	80·1	79·7	79·3	78·5	78·9	79·3	79·3	79·2	79·3	80·1	81·9	85·5	87·5	89·3	92·3	92·5	92·9	94·2	91·7	84·2
	15	79·6	79·4	79·6	79·1	79·2	78·8	78·3	78·8	79·2	78·8	78 4	78·3	78·2	78·3	79·3	82·3	85·1	86·5	89·2	89·5	90·3	91·3	92·3	92·7	82·6
	16	90·5	86·6	84·8	83·7	83·2	82·4	82·3	81·7	79·2	79·3	79·5	79·5	79·4	80·1	80·3	82·2	83·8	84·3	86·3	87·2	87·5	88·3	88·3	88·1	83·7
	17	87·3	86·1	84·2	83·5	83·3	82·8	82·3	82·0	81·9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	18	—	—	—	—	—	—	—	—	—	82·4	83·0	82·6	82·2	82·0	82·1	83·3	86·1	88·3	90·3	93·2	94·3	93·8	95·3	96·1	86·2
	19	94·5	93·0	91·1	89·6	88·7	88·3	82·3	80·8	81·5	81·9	82·3	82·2	82·0	82·3	82·5	83·3	85·3	88·3	89·3	90·5	92·5	93·3	92·3	92·2	87·1
	20	91·3	90·5	88·1	86·2	85·4	84·1	83·3	83·0	82·5	82·4	82·3	82·3	82·3	81·8	82·5	84·3	86·8	89·5	90·5	93·3	95·4	96·4	97·2	94·8	87·3
	21	92·7	90·1	86·3	85·5	84·8	84·3	84·3	83·5	82·3	80·9	79·6	79·7	79·7	80·3	83·2	85·8	86·3	89·3	92·3	94·3	95·2	96·4	98·4	95·1	87·1
	22	92·3	90·3	87·0	86·1	84·6	84·4	84·2	83·5	82·8	81·8	80·8	80·9	81·0	81·2	82·8	84·2	89·3	91·3	94·2	93·3	94·2	95·5	95·3	95·2	87·3
	23	90·3	88·8	85·5	85·1	83·1	83·5	82·3	82·1	81·5	80·9	80·4	80·4	80·4	80·3	81·3	83·8	87·3	88·5	89·7	92·3	96·1	96·1	96·1	94·3	86·3
	24	94·2	92·7	89·7	88·1	86·4	85·5	83·5	82·8	82·1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	25	—	—	—	—	—	—	—	—	—	82·5	83·0	82·5	82·0	81·8	83 3	87·0	87·3	89·5	91·3	92·3	94·8	96·1	98·5	78·9	88·2
	26	93·1	89·8	86·2	85·2	84·3	84·3	84·0	83·9	83·1	82·6	82·1	81·2	80·3	79·4	82·3	86·0	88·3	91·6	93·5	96·1	98·1	95·5	93·1	90·8	87·3
	27	90·1	89·3	86·4	85·4	84·5	84·4	84·3	79·6	79·8	80·3	80·8	80·7	80·6	80·1	80·5	83·3	85·3	87·3	90·3	92·3	93·3	94·3	94·0	90·1	85·7
	28	89·4	88·6	85·2	84·4	84·4	77·1	78·4	78·5	78·5	78·0	77·6	77·5	77·3	77·5	78·3	80·1	83·3	87·2	87·3	89·1	91·1	91·5	91·6	88·8	83·4
	29	87·7	86·2	83·9	83·5	83·1	82·8	82·2	81·7	81·5	80·9	80·3	80·2	80·0	79·3	79 3	79·6	80·3	82·9	86·8	88·5	92·1	92·3	89·6	87·8	83·9
	30	87·6	85·9	84·0	83·2	83·1	83·2	82·8	82·3	82·8	81·5	80·3	80·2	80·1	79·8	80·3	80·3	79·5	79·6	80·3	81·3	83·7	85·3	86·1	85·3	82·4
	Means	90·4	88·4	85·6	84·5	83·6	82·8	81·9	81·3	81·0	80·7	80·4	80·2	80·0	79·9	80·9	83·1	85·5	87·7	89·6	91·2	92·5	92·9	93·2	92·0	85·4
AUGUST 1858	July 31	84·1	83·3	81·1	80·4	80·1	80·3	79·3	79·3	79·3	* —	—	* —	—	—	—	—	—	—	—	—	—	—	—	—	—
	1	—	—	—	—	—	—	—	—	—	76·6	73·9	74·3	74·6	74·8	75·3	77·5	82·8	84·8	87·2	88·3	89·5	91·3	91·5	88·8	81·6
	2	88·0	87·3	83·6	82·5	82·1	82·1	81·8	81·3	80·5	79·4	78·3	77·9	77·5	77·5	78·6	81·0	84·8	86·5	88·5	89·1	90·3	91·3	92·4	91·0	83·9
	3	88·5	85·3	81·6	80·5	79·4	79·4	81·3	81·3	79·3	77·4	75·6	76·1	76·5	76·8	77·3	78·5	82·0	85·5	87·1	88·5	89·3	89·7	89·5	89·6	82·3
	4	88·2	86·9	83·1	82·5	82·5	82·5	79·3	79·3	77·5	77·5	77·5	77·4	77·3	78·0	79·3	81·5	83·1	84·3	85·8	87·8	88·3	90·4	91·3	91·4	83·0
	5	84·6	82·8	80·2	80·1	79·7	79·3	79·3	79·1	78·9	78·7	78·5	78·3	78·0	78·0	78·5	80·3	82·3	85·3	86·9	88·3	90·3	90·3	90·1	90·0	82·4
	6	89·3	87·5	85·2	84·2	82 5	82·3	82·1	81·7	80·9	80·1	79·3	79·3	79·3	79·3	79·7	80·5	82·5	86·2	88·3	90·3	90·5	91·1	90 3	90·3	84·3
	7	86·1	81·3	78·8	79·1	78·3	77·8	77·8	77·5	77·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	8	—	—	—	—	—	—	—	—	—	78·4	79·3	79·2	79·0	78·5	79·3	82·1	84·3	86·1	88·1	89·5	90·5	90·3	90·0	91·3	82·5
	9	90·1	88·9	85·2	84·6	83 1	81·3	81·0	80·8	80·3	80·1	80·0	79·7	79·3	79·3	81·1	84·1	86·5	88·1	89·6	91·8	93·3	94·8	95·2	95·3	85·6
	10	95·3	94·1	89 8	87·5	87·4	86·6	86·1	85·5	85·0	83·5	82·0	81·7	81·4	80·0	81·5	84·5	87·3	89·1	90·2	91·8	92·5	95·4	96·7	91·1	87·8
	11	88·6	88·3	84·5	83·1	83·1	82·2	82·3	82·3	81·3	81·0	80·8	80·1	79·3	79·1	79·3	81·3	83·5	86·1	86·8	88·5	90·5	91·5	93·3	92·9	84·6
	12	93·4	87·3	84·6	84·1	83·5	83·5	83·3	82·6	82·0	82·1	82·2	81·3	80·3	80·5	80·0	82·3	85·1	87·3	89·3	90·4	92·5	95·2	95·2	94·3	85·9
	13	90 3	86·8	84·6	84·0	83·4	82 8	82 6	82·3	82·1	81·1	80·1	79·6	79·0	78·9	80 0	80·4	81·8	83·3	85·2	86·5	92·1	92·3	88·8	88·1	84·0
	14	88·0	86·5	84·1	83·4	82 6	82·3	81·9	81·5	80·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	15	—	—	—	—	—	—	—	—	—	80·4	80·0	79·9	79·8	79·8	81·2	84·9	87·8	89·3	91·5	93·5	95·1	94·9	92·5	92·4	85·6
	16	89·6	87·8	85·9	84·6	84·5	83·6	83 3	83·6	82·8	82·9	83·0	81·5	80·0	79·2	79·0	79·3	80·3	82·3	85·1	88·3	91·5	92·5	91·3	90·5	84·7
	17	88·8	86·5	85·2	83·6	83·4	82·8	83·3	82·5	82·3	82·0	81·7	80·9	80·0	81·0	82·3	85·3	87·6	88·5	90·6	92·3	92·5	90·8	91·0	90·1	85·6
	18	88·7	87 1	85·0	84·3	83·5	83·1	82·3	82·1	81·8	81·4	81·0	80·4	79·8	79·6	80·3	81·9	84·3	87·2	91·5	94·3	92·3	93·2	91·3	90·6	85·3
	19	90·5	86·5	85·3	84·2	84·0	83·1	83·0	82·0	82·0	81·6	81·3	80·8	80·3	80·1	81·3	84·3	87·2	89·8	91·1	94·2	93·9	91·8	92·5	92·3	86·0
	20	90·9	88 5	85·5	85·1	84·1	83·3	83·0	82·8	82·2	81·8	81·5	81·0	80·5	80·1	80·8	84·8	88·3	90·5	91·8	93·3	92·3	93·5	92·3	90·3	86·2
	21	88·7	86·5	84·5	84·2	83·5	83·7	82·8	82·3	81·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	22	—	—	—	—	—	—	—	—	—	81·4	81·3	80·9	80·5	80·3	81·3	85·1	87·1	90·3	92·5	94·7	93·5	93·3	92·6	90·6	86·0
	23	89·3	87·4	85·1	84·3	83·6	83·5	83·0	82·8	82·6	81·9	81·3	80·3	79·2	77·9	79·2	82·5	86·9	89·4	90·8	92·3	92·3	92·3	90·3	89·0	85·3
	24	88·6	86 8	85·1	84·4	84·0	83·3	82·8	82·5	82·0	81·5	81·1	80·3	79·5	79·3	80·5	84·3	86·3	89·1	91·3	93·3	95·0	97·3	94·2	92·3	86·0
	25	90·2	87·5	85·2	84·6	83·8	83·5	83·2	82·5	82·1	81·4	80·8	80·6	80·3	79·3	81·3	85·3	88·1	90 1	91·8	90·5	91·3	93·3	92·6	91·5	85·9
	26	90·4	88·8	85·4	85·2	84·4	83·5	83·7	83·3	82·5	82·5	82·5	80·4	78·3	78·5	80·0	84·1	85·9	89·1	90·2	91·5	92·3	92·3	92·1	92·1	85 8
	27	89·9	88·0	85·5	84·5	84·2	83·8	83·7	83·4	83·0	82·5	82·0	81·4	80·8	80·3	82·1	84·8	86·5	89·1	90·5	92·5	94·4	94·0	93·5	93·1	86·4
	28	91·3	88·8	86·3	85·3	84·3	84·1	84·0	84·0	83·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	29	—	—	—	—	—	—	—	—	—	82·9	82·3	81·7	81·1	80·8	82·3	86·1	88·5	91·2	93·2	94·3	97·0	97·6	91·8	90·1	87·2
	30	90·3	87·2	83·1	83·3	83·7	83 3	83·1	81·3	78·3	78·8	79·3	78·9	78·5	77·6	78·3	82·3	86·3	87·3	89·3	92·8	93·3	95·2	96·7	97·0	85·2
	31	96·4	83·7	84·5	84·6	84·7	84·3	83·7	82·5	81·8	80·8	79·8	79·7	79·6	78·3	82·0	86·3	88·3	90·4	92·3	94·3	92·8	93·3	92·8	91·3	86·2
	Means	89·6	86·9	84·4	83·6	83 1	82·6	82·3	81·9	81·3	80·7	80·2	79·8	89·2	89·0	80·1	82·8	85·4	87·6	89·5	91·2	82·2	82·9	82·3	81·4	85·0

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

DRY STANDARD THERMOMETER No. 7

(Corrected to the Kew Observatory Standard Thermometer)

	Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
	Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
SEPTEMBER 1858		o	o	o	o	o	o	o	o	o	o *	o	o *	o	o	o	o	o	o	o	o	o	o	o	o	o
	1	90·3	87·4	85·8	84·9	84·7	84·3	83·6	82·7	81·2	80·8	80·5	80·0	79·5	79·5	80·3	83·5	86·3	90·1	92·1	95·2	94·8	97·5	94·5	92·6	86·3
	2	90·3	88·3	86·7	85·7	84·7	84·5	84·3	84·8	84·8	83·5	82·3	80·7	79·0	78·9	79·8	81·6	85·4	89·1	91·1	93·0	95·2	95·4	94·6	94·3	86·6
	3	90·5	84·0	84·0	83·4	82·1	81·3	81·1	81·1	80·5	80·5	80·6	80·0	79·3	79·3	80·3	82·3	84·4	87·8	89·1	91·1	88·3	88·6	88·1	86·8	83·9
	4	86·3	84·4	83·7	83·7	83·2	83·3	83·2	82·6	82·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	5	—	—	—	—	—	—	—	—	—	79·1	76·0	76·2	76·3	76·6	77·3	79·6	83·5	85·5	88·5	90·8	92·5	92·3	91·5	79·3	83·2
	6	79·1	80·3	79·9	79·2	79·1	79·5	80·0	79·8	79·5	78·5	77·5	77·0	76·5	75·8	76·3	76·7	78·4	81·3	83·5	86·3	87·5	88·3	87·6	87·6	80·6
	7	85·7	84·0	83·0	81·8	80·4	80·5	80·1	78·3	78·1	77·4	76·7	76·3	75·8	75·7	76·5	77·1	77·3	79·4	80·3	82·5	83·4	83·3	84·0	82·8	80·0
	8	82·0	80·9	80·2	79·7	79·6	78·9	78·5	78·1	77·0	76·7	76·5	76·7	76·8	77·0	77·3	77·0	75·5	76 3	79·6	83·1	83·8	83·3	82·8	82·6	79·2
	9	82·5	81·7	80·8	80·0	80·1	79·7	79·3	79·3	79·3	78·8	78·4	77·9	77·3	78·0	79·3	81·3	84·3	84·5	85·4	86·3	87·3	86·5	87·3	87·1	81·8
	10	87·6	84 7	83·5	82·4	82·1	81·8	81·1	80·5	79·6	79·3	79·1	78·8	78·5	78·1	79·3	80·2	83·4	87·1	88·5	89·6	91·3	92·6	92·5	92·6	83·9
	11	92·1	90·0	87·9	85·4	84·3	84·3	83·7	83·3	82·6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	12	—	—	—	—	—	—	—	—	—	81·0	79·5	79·6	79·6	79·5	80·3	81·3	82·1	85·4	86·3	86·3	87·1	88·3	87·7	87·5	84·4
	13	87·1	85·5	84·2	83·1	81·2	80·1	80·0	79·8	79·5	80·7	82·0	80·8	79·6	79·5	80·4	82·0	84·2	83·6	87·1	88·4	90·3	89·4	88·8	89·1	83·6
	14	90·0	87·3	85·6	84·4	81·1	80·2	81·1	80·1	80·1	80·7	81·3	80·7	80·0	79·5	79·8	80·9	82·5	85·5	87·7	90·3	91·6	89·5	90·4	90·0	84·2
	15	86·2	84·2	83·7	82·9	82·5	82·3	81·9	80·8	80·5	80·4	80·3	80·3	80·2	79·8	81·0	83·3	85·3	87·1	89·1	90·5	92·4	94·3	94·3	94·3	84·9
	16	89·5	85·7	84·5	84·1	84·1	83·8	83·8	83·5	83·1	82·0	81·0	80·2	79·3	79·2	80·2	81·3	83·8	86·3	88·4	89·5	91·5	92·3	93·1	90·5	85·0
	17	87·5	86·2	84·5	84·1	83·5	83·5	82·3	81·7	79·8	78·6	77·5	77·4	77·3	77·6	78·3	79·5	83·0	85·8	87·3	88·4	89·1	90·0	91·3	92·2	83·6
	18	91·3	88·4	87·1	82·5	82·4	82·3	82·1	81·7	81·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	19	—	—	—	—	—	—	—	—	—	81·3	81·5	81·4	81·3	81·3	82·3	83·8	84·3	86·2	87·6	88·3	90·3	91·0	90·9	91·0	85·1
	20	89·9	88·4	85·2	84·5	83·8	83·3	82·5	82·2	82·2	81·3	80·4	79·4	78·3	78·1	79·0	81·9	83·6	85·3	86·5	88·1	88·3	91·3	92·5	93·4	84·6
	21	91·4	86·0	84·3	83·2	82·9	82·5	82·3	82·2	81·2	80·9	80·7	80·0	79·3	78·5	79·3	81·6	84·3	86·3	88·1	89·1	91·3	91·3	93·3	89·1	84·5
	22	87·8	85·5	84 3	83·3	82·8	82·3	82·1	81·5	80·8	80·5	80·3	79·7	79·0	78·0	79·3	81·9	84·4	86·5	88·3	89·5	90·8	90·8	90·8	89·3	84·1
	23	87·5	86·0	83·3	83·3	83·2	82·5	82·3	82·0	81·3	80·8	80·3	79·7	79·1	77·8	79·1	83·2	85·3	87·3	89·4	90·3	92·4	93·3	90·8	89·6	84·6
	24	88·8	84·9	83·9	85·2	84·8	82·5	82·3	82·1	82·0	81·1	80·3	79·8	79·3	79·0	79·9	82·1	84·3	87·5	90·3	91·8	93·1	92·3	91·5	89·1	84·9
	25	88·3	85·2	83·8	83·2	82·7	82·3	82·3	81·3	80·9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	26	—	—	—	—	—	—	—	—	—	79·7	78·6	78·4	78·2	78·5	80·3	84·3	86·3	88·4	88·8	90·8	92·8	90·2	89·6	89·2	84·3
	27	88·1	85·3	84·2	83·5	83·4	83·3	82·6	81·3	80·8	80·2	79·6	79·2	78·8	78·8	79·5	84·8	86·5	89·3	90·6	91·4	91·8	91 3	90·4	89·0	84·7
	28	87·8	85·4	84·3	83·7	83·7	83·3	83·0	82·2	81·3	80·3	79·3	78·8	78·3	78·7	80·3	84·5	86·3	87·3	89·2	90·8	90·8	90·6	90·3	88·5	84·5
	29	87·3	84·5	83·5	83·2	82·7	82·5	82·2	82·1	81·9	80·9	80 0	79·2	78·3	78·0	80·3	83·5	86·3	89·0	90·6	92·6	91·2	90·3	90·5	89·3	84·6
	30	87·4	84·7	83·9	83·5	83·1	83·1	82·5	82·3	82·1	82·0	82·0	81·2	80·3	80·1	81·5	85·1	88·3	90·5	92·1	92·3	92·3	91·8	91·3	90·0	85·6
	Means	87·8	85·3	84·1	83·2	82·6	82·2	81·9	81·4	80·9	80·3	79·7	79·2	78·7	78·5	79·5	81·7	83·8	86·1	87 9	89·5	90·4	90·6	90·4	89·1	84·0
OCTOBER 1858	1	87·9	85·1	84·2	83·7	83·3	82·8	82·5	82·3	82·0	81·6 *	81·2	80·4 *	79·5	79·3	81·3	85·5	87·8	89·3	89·4	90·2	90·3	89·3	89·1	88·5	84·9
	2	86 8	84·4	83·5	83·3	83·1	82·8	82·1	81·7	81·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	3	—	—	—	—	—	—	—	—	—	80·2	78·7	78·2	77·6	77·3	79·7	83·5	85·8	88·3	91·3	92·3	91·8	91·3	90·5	89·5	84·4
	4	88·2	85·2	84·0	83·6	82·7	81·8	81·7	81·4	81·1	80·5	80·0	79·3	78 5	78·0	79·3	84·3	85·1	88·5	90·3	90·8	88·5	89·3	89·0	87·8	84·1
	5	86·3	84·1	83·5	83·2	83·1	82·3	82·3	81·8	81·4	80·7	80·0	79·3	78·6	78·3	79·3	81·3	83·3	84·1	83·2	80·9	81·8	83·3	82·3	81·1	81·9
	6	80·4	79·5	79·0	78·6	78·5	78·5	78·5	78·1	78·1	78·1	78 2	78·1	78·0	77·6	77·3	77·4	77·1	76·3	75·3	75·5	75·5	74·4	74·4	74·1	77·4
	7	74·1	73·8	75·3	77·0	78·4	79·5	79·5	79·5	79·2	79·1	79·0	79·3	79·5	79·1	78·3	80·2	81·1	82·1	82·3	83·3	82·5	83·6	84·3	83·6	79·7
	8	82·9	80·9	80·2	79·8	79·7	79·5	79·5	79·3	79·5	79·6	79·7	78·9	78·0	77·6	78·0	80·6	83·3	85·3	86·6	86·3	86·8	86·3	87·1	85·8	81·7
	9	84·5	82·6	81·7	81·4	80·5	79·5	79·3	78·5	78·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	10	—	—	—	—	—	—	—	—	—	77·1	75·9	75·2	74·5	74·3	73·5	73·8	74·2	74·2	74·0	75·1	77·3	78·3	77·3	76·9	77·4
	11	77·0	77·0	76·5	76·4	75·6	75·3	75·4	75·5	75·5	75·5	75·5	75·3	75·0	75·3	76·1	78·1	81·3	84·3	85·3	86·3	87·3	85·8	84·8	84·5	78·9
	12	83·3	81·5	81·1	80·7	80·5	80·8	80·8	79·3	78·7	78·2	77·7	77·4	77·1	76·3	78·0	80·8	83·3	84·8	86·3	86·8	87·5	86·3	86·1	86·3	81·6
	13	84·6	82·8	82·3	81·3	80·5	80·2	79·5	79·5	78·5	78·9	79·3	79·3	79·3	78·1	78·1	80·2	80·5	80·8	77·2	78·8	79·5	82·3	82·3	81·9	80·2
	14	81·5	80·2	79·5	77·3	77·3	77·3	77·3	76·8	76·2	76·5	76·8	76·4	75·9	75·8	77·3	79·5	80·8	82·5	84·1	80·7	81·1	78·6	78·3	79·1	78·6
	15	79·9	79·4	78·7	78·5	77·8	77·8	77·7	77·3	75·6	75·4	75·3	75·3	75·3	75·8	77·3	79·1	81·2	82·3	84·2	83·8	84·6	84·3	84·8	83·4	79·4
	16	83·2	81·2	80·3	80·3	78·9	78·6	78·3	78·1	77·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	17	—	—	—	—	—	—	—	—	—	77·9	78·1	77·9	77·7	77·3	78·3	79·3	80·8	83·3	84·3	79·3	82·8	84·3	84·1	84·2	80·3
	18	83·1	81·2	80·5	79·5	79·4	78·4	78·2	77·6	77·5	77·4	77·3	76·4	75·5	75·3	76·5	79·3	80·6	82·3	83·8	83·8	86·1	86·3	81·5	83·1	80·0
	19	82·6	81·5	81·2	80·9	80·1	79·1	78·2	78·1	77·8	77·0	76·3	76·1	75·8	75·8	76·8	79·1	82·1	84·3	85·3	85·3	85·3	84 3	84·0	83·5	80·4
	20	82·0	81·2	79·2	79·0	77·5	77·2	77·2	77·1	77·1	76·7	76·3	75·9	75·5	75·3	76·7	79·2	80·3	82·8	83·8	84·0	84·3	84·3	83·3	82·1	79·5
	21	81·1	79·3	79·5	79·1	78·7	78·0	77·6	77·2	76·9	76·7	76·5	74·0	71·5	70·4	70·1	69·7	70·2	70·4	70·7	72·6	72·9	72·6	73·4	73·6	74·7
	22	73·8	73·6	73·6	73·6	73·4	73·9	74·4	74·4	74·4	73·5	72·7	73·2	73·7	74·9	74·4	75·2	74·4	76·2	78·1	79·0	78·9	79·5	79·4	78·6	75·3
	23	78·2	76·7	76·4	76·1	75·3	75·2	75·0	75·0	74·6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	24	—	—	—	—	—	—	—	—	—	75·0	75·5	75·4	75·3	75·3	75·6	78·2	80·8	83·0	83·3	84·6	84·3	83·3	82·9	82·5	78·2
	25	81·9	79·5	78·5	77·8	77·5	76·5	77·0	76·5	76·8	77·0	77·3	77·3	77·3	76·8	76·2	76·6	77·5	77·5	78·8	81·8	84·2	83·0	82·3	82·3	78·7
	26	81·4	79·7	78·9	77·7	77·2	76·4	75·5	75·3	74·6	74·5	74·4	74·4	74·3	74·1	75·1	78·0	80·3	82·2	82·6	84·5	85·8	86·1	84·8	84·0	78·8
	27	81·9	80·0	79·1	77·6	76·0	74·4	73·4	73·2	72·4	72·4	72·4	72·5	72·6	73·0	74·2	77·3	80·3	82·2	84·3	85·3	84·5	85·3	85·4	84·3	78·1
	28	82·9	80·9	79·7	79·1	78·5	76·5	75·3	75·0	74·4	74·3	74·2	74·1	73·9	73·4	74·4	77·7	79·8	82·1	84·3	84·3	84·8	84·3	83·6	83·3	78·8
	29	81·6	80·1	79·5	79·0	78·6	78·1	77·5	76·7	75·8	74·9	74·1	74·2	74·3	74·3	75·9	78·5	80·8	82·3	84·2	84·3	85·3	84·5	84·3	83·5	79·3
	30	82·5	80·6	80·1	80·0	79·4	78·9	76·4	75·8	74·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	31	—	—	—	—	—	—	—	—	—	75·8	76·9	76·7	76·5	76·5	77·3	80·1	83·3	86·3	85·3	85·8	86·3	86·6	85·7	84·3	80·5
	Means	82·1	80·5	79·8	79·4	78·9	78·4	78·1	77·7	77·3	77·1	76·9	76·6	76·2	76·0	76·7	78·9	80·6	82·2	83·0	83·3	83·8	83·7	83·3	82·8	79·7

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

DRY THERMOMETER, STANDARD No. 7

(Corrected to the Kew Observatory Standard Thermometer)

	Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
	Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
		o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
NOVEMBER 1858	1	81·8	79·1	79·9	80·1	79·3	79·3	78·8	78·8	78·8	78·3*	77·8	76·7*	75·6	75·1	76·6	80·3	83·8	84·3	85·8	86·2	85·9	84·8	84·7	83·2	80·6
	2	82·2	80·7	80·3	80·1	79·4	79·4	79·3	77·8	76·3	76·0	75·7	75·5	75·3	75·3	76·1	78·2	78·5	81·3	82·8	82·8	82·3	82·8	83·5	83·0	79·4
	3	81·8	80·1	79·9	79·3	79·3	79·1	78·6	76·8	76·5	75·9	75·3	74·0	72·6	73·2	73·5	76·8	80·3	82·3	82·5	83·3	83·3	83·3	82·4	82·1	78·8
	4	81·8	80·7	80·3	80·0	79·1	79·3	79·2	79·2	76·2	76·2	76·3	76·3	76·3	76·2	76·0	77·8	79·2	79·5	77·1	77·3	79·3	81·3	81·9	81·2	78·7
	5	79·0	75·9	77·1	76·1	76·1	77·5	77·3	76·8	78·5	78·6	78·8	78·6	78·3	78·6	79·9	81·5	83·3	83·9	84·3	85·1	85·3	85·1	84·2	83·7	80·1
	6	82·5	80·9	80·3	79·6	79·3	78·8	77·5	77·2	76·6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	7	—	—	—	—	—	—	—	—	—	76·5	76·5	75·7	74·9	74·5	76·1	78·3	81·6	83·4	84·3	84·2	83·2	83·5	83·2	82·5	79·6
	8	81·8	79·9	79·4	79·2	78·8	78·2	78·1	77·5	77·3	76·8	76·3	75·5	74·6	74·3	74·9	78·8	80·2	81·8	82·3	82·5	83·0	83·1	82·3	81·1	79·1
	9	80·3	78·5	78·3	78·2	77·7	77·5	77·3	76·8	75·8	75·6	75·5	73·9	72·3	71·1	71·7	76·3	79·3	81·3	81·3	82·2	82·3	82·2	81·8	81·3	77·9
	10	80·3	79·1	78·2	77·7	77·7	78·0	78·0	78·4	78·3	77·0	75·8	75·5	75·2	74·5	75·2	76·3	80·3	81·3	82·3	82·5	79·5	81·3	78·5	77·2	78·3
	11	78·6	78·6	78·4	78·4	78·4	78·5	78·2	77·5	76·2	75·7	75·3	75·7	76·0	77·8	77·6	78·8	79·8	81·3	80·9	82·1	81·9	82·3	80·6	80·3	78·7
	12	79·8	78·1	76·4	76·4	77·5	77·5	76·2	75·6	74·4	73·2	72·1	71·7	71·2	71·1	72·1	75·2	77·3	79·5	80·3	81·1	81·3	81·5	81·3	80·6	76·7
	13	79·3	77·5	77·0	76·5	76·5	76·5	76·8	76·5	75·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	14	—	—	—	—	—	—	—	—	—	76·0	76·2	76·5	76·7	76·5	76·1	75·2	75·3	76·3	76·6	76·3	77·2	78·3	75·3	74·9	76·5
	15	74·4	71·8	71·9	72·5	72·5	72·4	72·4	72·3	72·3	72·6	72·9	73·2	73·4	73·7	74·9	76·2	77·1	76·5	74·2	76·1	75·2	75·6	75·3	78·1	74·1
	16	75·5	75·7	75·3	75·0	72·9	72·9	72·9	71·4	71·6	72·1	72·6	73·4	74·1	74·0	75·3	76·1	77·3	78·1	79·5	81·1	80·1	80·1	79·3	77·5	75·6
	17	78·1	78·0	77·7	74·4	75·1	74·8	74·4	74·6	75·6	75·4	75·3	76·3	77·2	75·5	75·8	76·6	77·8	81·2	80·5	81·3	81·3	81·1	80·3	80·1	77·4
	18	79·4	78·4	78·3	77·9	77·8	77·3	77·6	77·9	77·3	76·8	76·4	76·8	77·2	77·8	75·8	79·2	80·0	81·5	81·3	81·3	81·6	80·8	80·6	80·1	78·7
	19	79·8	79·2	79·0	79·0	78·9	78·8	78·8	78·3	78·2	78·1	78·0	77·3	76·5	74·5	77·3	77·6	79·0	77·8	77·3	77·1	73·8	76·1	74·6	73·9	77·5
	20	73·3	71·6	73·3	73·5	75·5	75·1	74·6	75·2	77·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	21	—	—	—	—	—	—	—	—	—	76·8	76·3	75·8	75·3	75·3	75·1	76·7	77·3	80·1	80·4	80·8	81·2	81·4	81·9	81·3	76·9
	22	79·5	78·3	77·6	77·5	77·3	76·5	76·1	75·5	75·3	75·9	76·6	76·5	76·3	76·0	76·5	77·3	81·9	81·9	82·3	78·1	80·7	82·3	81·6	81·5	78·3
	23	79·3	79·3	78·3	77·6	77·5	77·3	77·0	76·0	75·1	75·0	74·9	75·2	75·5	75·8	75·0	76·3	79·1	81·3	82·7	82·8	83·3	83·1	82·1	81·2	78·4
	24	80·6	80·0	79·3	79·1	78·8	78·3	77·9	77·3	76·8	76·8	76·8	76·6	76·4	77·3	77·3	79·3	80·8	81·3	82·3	84·2	84·8	84·8	82·3	79·0	79·5
	25	78·8	78·3	78·1	78·1	78·4	76·1	76·3	76·5	76·4	76·8	77·2	77·3	77·3	77·3	77·2	77·3	77·1	79·9	80·8	82·8	83·3	82·3	81·6	81·1	78·6
	26	78·5	77·3	77·3	77·3	77·2	76·5	75·8	75·3	75·3	74·3	73·4	73·4	73·4	73·5	73·4	74·4	76·3	76·8	79·7	79·3	81·1	79·9	77·7	78·1	76·5
	27	77·2	75·5	76·1	76·9	77·3	77·5	76·8	76·4	76·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	28	—	—	—	—	—	—	—	—	—	73·4	70·6	70·2	69·7	69·6	70·6	71·6	74·9	76·2	77·3	78·3	79·1	78·7	77·5	77·3	75·2
	29	75·6	74·7	75·2	74·6	73·8	73·6	73·6	73·1	72·6	72·5	72·4	72·9	73·3	72·6	72·5	73·2	75·3	76·9	77·5	78·8	80·1	80·3	79·7	79·2	75·2
	30	78·2	77·3	77·3	76·4	75·8	75·3	75·1	73·9	73·3	73·2	73·2	73·5	73·7	72·6	73·1	73·5	75·3	78·0	78·6	79·7	80·3	80·8	79·7	78·7	76·1
	Means	79·1	77·9	77·7	77·4	77·2	77·0	76·7	76·3	75·9	75·6	75·3	75·2	74·9	74·8	75·2	76·9	78·8	80·1	80·6	81·1	81·2	81·4	80·5	79·9	77·8
DECEMBER 1858	1	77·9	77·9	77·5	77·4	77·2	76·1	75·3	74·9	73·5	73·2*	72·9	73·0*	73·1	72·4	72·6	74·3	76·5	78·5	80·1	80·3	81·2	80·5	81·3	79·5	76·5
	2	79·1	77·5	77·0	76·5	76·1	75·3	74·0	73·6	73·4	73·0	72·7	72·5	72·3	72·1	72·2	74·4	76·3	77·9	79·3	80·2	81·0	80·4	80·6	79·5	76·1
	3	78·4	76·7	75·9	75·3	74·9	74·4	73·9	72·6	71·0	70·8	70·6	70·2	69·7	70·4	71·1	73·4	76·1	78·4	78·6	79·5	79·4	79·8	79·6	79·1	75·0
	4	78·3	76·2	74·7	74·1	73·1	72·4	70·3	69·4	69·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	5	—	—	—	—	—	—	—	—	—	68·4	67·6	67·6	67·5	67·5	67·3	70·4	74·6	77·1	77·8	78·3	78·4	78·4	78·5	77·3	73·1
	6	76·8	75·3	74·3	74·1	73·6	72·4	72·4	72·4	70·3	69·0	67·8	67·7	67·5	67·2	68·2	72·0	73·4	75·3	76·5	77·8	77·5	77·4	78·5	77·8	73·1
	7	76·5	75·5	74·5	74·7	74·7	74·5	74·4	73·8	73·2	72·3	71·4	70·8	70·2	70·1	71·1	72·4	75·3	76·9	76·9	77·8	78·0	78·3	77·3	77·3	74·5
	8	76·4	76·0	75·7	75·6	75·6	76·1	76·0	76·5	76·3	76·1	76·0	75·8	75·6	75·3	74·4	75·1	76·1	79·0	80·0	79·6	80·6	80·0	80·1	78·3	76·9
	9	78·2	77·3	76·6	76·5	76·2	76·3	76·3	76·1	75·7	75·5	75·3	74·4	73·4	72·9	72·3	77·0	77·6	79·3	79·3	79·5	79·4	79·3	79·3	79·1	76·8
	10	77·8	76·3	75·3	75·3	74·7	74·6	74·2	73·1	71·4	70·6	69·9	69·7	69·5	68·9	69·7	73·9	76·5	78·3	78·4	79·3	79·3	79·4	78·3	78·0	74·7
	11	77·1	75·7	74·3	73·6	73·6	73·4	72·6	71·6	70·9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	12	—	—	—	—	—	—	—	—	—	71·0	71·2	71·0	70·7	69·6	69·4	70·9	73·4	76·1	76·3	76·5	77·5	77·3	77·2	77·2	73·7
	13	76·5	75·3	74·4	74·2	73·8	72·2	71·2	71·0	69·4	69·4	69·4	69·0	68·6	68·3	68·2	70·6	73·4	76·3	77·4	77·3	78·3	78·3	77·8	76·5	73·2
	14	76·3	75·3	74·6	74·4	74·4	73·6	72·2	71·4	70·7	70·9	71·2	71·3	71·3	71·4	71·4	73·3	74·9	77·8	77·8	78·0	78·3	77·8	78·1	77·5	74·3
	15	76·8	76·5	76·3	76·3	76·3	75·8	75·5	74·6	71·9	71·7	71·5	71·0	70·4	70·2	70·4	71·5	74·5	77·2	77·3	78·1	78·6	78·6	78·3	77·9	74·9
	16	77·3	75·5	75·2	74·6	74·4	74·6	74·2	73·2	70·7	70·8	70·9	71·2	71·4	70·8	70·7	72·6	75·0	76·3	77·3	78·3	78·4	78·3	78·5	78·1	74·5
	17	76·3	75·3	74·0	74·0	73·4	72·4	71·4	70·4	69·6	69·5	69·4	69·4	69·4	68·7	68·8	71·3	73·9	76·4	78·3	78·4	79·5	80·3	80·1	79·5	73·7
	18	77·6	75·8	75·3	73·6	71·6	71·0	70·4	70·4	70·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	19	—	—	—	—	—	—	—	—	—	71·2	72·3	71·6	70·8	70·4	69·6	72·8	75·4	78·1	79·4	79·2	79·6	79·5	79·2	78·8	74·3
	20	77·4	76·1	75·5	75·3	75·0	74·6	74·4	74·3	73·4	72·9	72·4	71·8	71·1	70·8	70·1	73·3	75·3	78·1	79·1	79·5	79·5	79·6	79·7	79·3	75·4
	21	78·3	76·5	76·0	75·3	74·6	73·4	71·8	71·0	69·6	69·5	69·4	69·4	69·4	69·1	70·8	72·4	73·3	77·3	79·1	79·2	79·3	79·9	80·1	79·3	74·3
	22	78·3	76·5	76·1	75·5	75·3	75·3	75·3	74·4	74·0	73·7	73·4	72·4	71·3	68·4	69·2	72·6	76·5	78·3	78·9	79·3	80·7	79·3	78·8	78·3	75·5
	23	76·8	75·4	75·2	74·6	74·4	73·7	72·2	72·4	69·3	68·8	68·4	68·3	68·2	67·7	67·6	69·9	75·3	77·3	78·3	78·8	78·8	78·3	78·0	77·9	73·6
	24	77·5	75·6	75·5	75·5	74·8	73·0	72·6	72·2	72·1	70·7	69·4	68·7	67·9	67·6	68·6	73·4	75·3	76·8	77·6	78·3	78·8	79·3	79·3	78·5	74·1
	25	77·3	76·3	76·3	75·6	75·3	75·2	75·2	74·6	74·1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	26	—	—	—	—	—	—	—	—	—	72·3	70·6	70·2	69·7	68·9	68·9	72·0	76·4	78·2	79·1	79·2	79·2	78·4	78·3	76·7	74·9
	27	76·1	75·3	74·5	74·1	73·2	72·6	72·4	74·1	73·6	72·8	72·1	70·8	69·4	69·4	69·4	72·6	76·1	78·3	79·6	80·7	80·1	79·5	79·0	78·5	74·8
	28	77·5	76·2	75·5	74·8	75·1	74·3	73·6	71·4	72·1	70·9	69·7	69·1	68·4	68·2	68·2	71·4	76·3	77·5	78·3	78·3	79·2	79·2	78·7	77·6	74·2
	29	77·3	75·8	75·3	75·3	75·0	74·7	74·3	73·9	73·4	72·4	71·4	70·4	69·3	69·5	70·1	73·6	77·2	79·1	78·9	80·1	80·2	80·3	79·3	78·3	75·2
	30	77·8	76·3	75·3	75·2	74·4	74·4	73·9	72·4	71·6	70·2	68·9	68·8	68·7	68·2	68·2	70·4	76·3	77·3	79·3	79·0	79·3	79·5	78·3	78·0	74·2
	31	76·8	75·4	74·7	74·1	73·3	72·4	71·8	70·8	69·6	69·4	69·3	69·3	69·3	68·6	68·7	70·5	76·8	78·3	79·3	80·0	80·5	79·5	79·3	78·5	74·0
	Means	77·3	76·1	75·4	75·0	74·6	74·0	73·4	72·8	71·9	71·4	71·0	70·6	70·2	69·7	69·9	72·5	75·5	77·6	78·5	78·9	79·3	79·1	78·9	78·2	74·6

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

WET THERMOMETER, STANDARD No. 8

(Corrected to the Kew Observatory Standard Thermometer)

	Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
	Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
JANUARY 1858		o	o	o	o	o	o	o	o	o	* o	o	* o	o	o	o	o	o	o	o	o	o	o	o	o	o
	1	69·1	69·7	68·5	68·6	69·0	69·5	69·5	69·2	69·3	68·8	68·3	68·3	68·3	67·8	66·9	67·8	69·5	70·8	71·8	71·8	71·3	72·0	72·1	71·3	69·6
	2	70·8	70·8	70·2	70·4	69·5	69·3	68·5	68·1	67·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	3	—	—	—	—	—	—	—	—	—	66·2	64·9	64·7	64·4	64·2	64·4	67·3	70·1	71·3	71·3	71·3	70·8	69·3	68·5	68·3	68·4
	4	68·3	67·8	68·0	67·3	67·5	67·3	67·1	66·9	65·6	65·5	65·4	64·9	64·4	64·3	63·4	65·9	68·1	68·3	68·3	68·3	67·5	67·9	67·8	68·3	66·8
	5	68·5	67·6	67·3	66·9	64·4	65·2	65·2	65·4	64·7	64·4	64·2	64·4	64·6	64·6	65·0	65·4	66·1	66·6	67·3	67·5	66·9	68·5	67·3	67·5	66·1
	6	67·5	67·7	67·3	66·0	66·0	66·2	66·4	66·1	65·6	65·0	66·4	65·9	65·4	64·8	64·4	65·4	66·6	67·3	68·1	67·7	67·3	66·9	66·4	66·9	66·4
	7	66·2	65·8	66·3	65·6	64·9	65·3	65·2	65·2	65·9	66·4	66·9	65·9	64·9	64·2	65·1	63·4	65·4	65·7	65·9	66·2	65·2	65·8	65·6	64·9	65·5
	8	63·9	64·4	64·4	64·3	64·1	63·4	64·2	64·4	64·4	64·4	64·4	64·1	63·8	63·4	64·1	66·4	67·3	69·2	68·3	66·6	66·6	66·4	67·9	67·3	65·3
	9	66·9	66·6	66·4	66·2	66·4	66·4	66·2	66·0	65·6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	10	—	—	—	—	—	—	—	—	—	68·4	71·3	71·3	71·3	71·7	71·3	70·3	70·8	70·8	71·3	72·6	73·0	72·3	71·5	71·7	69·4
	11	71·0	71·3	70·8	70·2	70·0	70·3	70·3	69·5	69·5	69·9	70·3	70·6	70·8	71·3	71·1	71·7	72·3	71·9	73·1	73·6	73·4	72·3	72·3	72·5	71·3
	12	72·0	71·1	71·0	70·8	70·6	70·4	69·2	68·3	67·8	67·4	67·1	66·6	66·0	66·4	66·4	67·2	68·1	68·3	69·3	70·1	70·1	70·0	70·1	70·3	68·9
	13	69·8	69·1	69·4	68·9	69·1	68·5	68·6	68·8	69·3	68·8	68·3	67·7	66·8	67·2	66·6	68·3	69·0	70·3	69·7	70·5	70·7	70·9	70·7	70·3	69·1
	14	69·7	69·9	69·5	69·5	69·1	68·8	69·0	68·6	68·3	68·6	69·0	68·7	68·3	67·3	66·9	69·0	70·3	71·7	72·9	72·8	72·3	71·8	72·3	71·3	69·8
	15	70·8	70·5	70·0	70·1	70·1	69·7	69·3	68·9	68·3	67·8	67·3	57·1	66·9	66·4	67·2	68·3	69·0	71·5	70·5	70·3	71·1	71·5	70·7	71·1	69·4
	16	69·5	69·3	69·4	68·7	67·5	67·5	66·4	65·6	65·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	17	—	—	—	—	—	—	—	—	—	64·8	64·2	63·8	63·4	63·2	63·0	65·4	67·3	69·3	68·5	69·5	69·7	70·3	70·5	69·8	67·2
	18	69·7	69·3	68·5	68·1	67·5	66·3	65·2	64·8	63·9	63·5	63·2	63·9	63·0	62·5	62·0	65·4	68·3	69·2	69·3	70·3	69·5	69·6	69·5	69·8	66·8
	19	69·9	68·8	68·3	68·3	67·8	66·9	66·4	66·4	66·4	66·1	65·9	65·6	65·2	64·6	65·1	65·9	68·1	69·5	69·8	69·5	69·7	69·8	69·8	69·5	67·6
	20	69·1	68·6	68·1	67·5	67·2	66·8	66·4	66·1	65·4	64·6	63·9	64·1	64·3	63·6	63·3	65·6	68·6	69·5	69·6	69·9	70·3	70·5	71·0	70·3	67·3
	21	70·3	69·3	68·1	67·3	67·3	67·2	67·3	67·3	66·6	66·1	65·6	65·5	65·4	65·1	64·8	64·6	69·3	70·5	71·3	72·0	72·0	73·3	73·3	72·1	68·4
	22	71·1	71·3	70·5	70·3	70·6	70·6	70·5	70·2	69·0	68·1	67·3	66·9	66·4	66·4	66·3	68·1	70·5	71·8	72·3	74·2	73·4	72·8	72·3	72·3	70·1
	23	72·1	71·0	70·3	70·4	70·2	70·2	69·9	69·4	69·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	24	—	—	—	—	—	—	—	—	—	67·4	65·6	65·3	64·9	64·4	64·4	66·4	69·4	70·3	70·8	70·5	71·3	71·9	70·8	71·1	69·1
	25	71·5	70·9	69·6	69·5	68·6	68·3	68·5	68·3	68·3	67·6	66·9	66·9	66·9	65·4	65·4	67·3	68·9	70·5	70·8	70·8	71·5	71·3	71·3	70·7	69·0
	26	70·0	69·3	68·5	68·3	68·5	68·5	69·6	69·6	69·8	69·0	68·3	67·5	66·6	66·6	66·9	68·0	69·0	70·5	70·5	71·5	72·7	71·5	70·7	70·1	69·2
	27	70·3	67·3	66·6	66·4	66·4	66·2	65·6	65·3	65·4	64·9	64·4	64·0	63·5	62·6	62·5	64·6	66·4	68·3	67·5	67·7	68·8	68·3	68·3	68·0	66·2
	28	68·3	68·7	67·5	68·0	68·3	68·6	69·1	68·6	68·3	67·3	66·4	66·4	66·4	65·4	65·9	65·9	68·3	68·3	70·0	71·0	70·3	71·1	71·1	70·2	68·3
	29	69·3	69·1	68·5	68·2	68·0	68·4	69·2	67·5	66·4	65·7	65·1	64·5	63·8	63·4	63·4	66·4	68·8	69·8	70·1	69·8	69·8	69·8	69·5	69·5	67·7
	30	69·8	70·3	69·7	69·7	69·6	69·5	69·1	68·9	68·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	31	—	—	—	—	—	—	—	—	—	68·5	68·2	66·8	65·4	65·4	66·0	68·1	69·5	69·3	70·3	71·1	70·5	70·5	70·3	70·8	69·0
	Means	69·4	69·1	68·6	68·3	68·0	67·9	67·8	67·4	67·1	66·8	66·5	66 2	65·8	65·5	65·5	66·8	68·7	69·6	69·9	70·3	70·2	70·2	70·1	69·8	68.1
FEBRUARY 1858																										
	1	70·3	70·1	70·0	69·5	68·7	67·3	66·4	65·9	65·2	* 64·8	64·4	* 64·0	63·6	61·3	61·5	64·6	66·4	69·5	70·1	70·3	70·3	69·3	70·3	70·1	67·2
	2	70·5	70·3	69·9	68·2	67·4	67·2	65·9	64·6	64·4	64·4	64·4	63·9	63·4	62·6	62·1	65·4	66 2	67·3	67·3	67·1	66 4	68·3	69·3	71·3	66 6
	3	71·7	70·5	70·8	70·1	69·2	67·7	67·3	66·6	66·9	66·2	65·6	66·0	66·4	64·4	67·3	68·3	69·5	70·5	71·3	72·3	73·0	72·0	71·3	71·8	69·0
	4	72·3	72·3	71·7	71·2	70·9	70·5	70·1	69·6	69·0	67·9	66·8	67·0	67·2	65·6	65·4	67·6	70·3	71·3	70·3	70·3	70·7	70·2	70·5	70·3	69 5
	5	71·0	71·3	68·2	67·5	66·7	66·4	66·1	65·6	65·1	64·7	64·4	63·9	63·4	63·2	63·6	65·4	67·3	69·5	68·6	69·3	70·8	70·7	71·3	71·5	67·3
	6	71·3	70·1	69·6	70·0	70·3	70·3	70·0	69·8	70·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	7	—	—	—	—	—	—	—	—	—	71·3	72·3	71·9	71·5	71·3	71·8	73·2	75·2	76·2	75·2	75·4	75·7	76·4	76·2	76·7	72·6
	8	76·4	75·8	74·4	74·4	74·4	74·1	73·7	73·8	73·5	73·3	73·2	72·3	71·3	69·8	71·0	72·0	73 2	74·2	71·3	74·1	75·2	74·2	74·7	73·9	73·5
	9	73·7	73·4	72·3	72·5	72·1	71·8	72·1	73·2	73·1	72·8	72·5	69·9	67·3	66·9	68·1	69·3	70·8	72 0	72·3	73·2	73·7	73·2	73·2	73·2	71 8
	10	73·2	72·5	72·0	71·5	71·1	70·7	70·2	69·7	69·0	68·1	67·3	67·3	67·3	67·3	66·9	69·3	70·3	71·3	72·3	73·2	73·4	73·2	74·2	73·5	70·6
	11	73·2	73·1	72·2	72·0	72·0	71·8	71·5	71·2	71·2	70·2	69·3	68·8	68·3	68·3	68·3	71·0	72·5	72 8	73·4	74·4	75·1	75·7	75·5	75·2	72·0
	12	74·7	74·0	73·1	72·6	73·3	72·5	72·3	72·3	72·3	71·6	71·0	70·4	69·8	69·4	70·3	71·8	72·8	73·4	74·6	75·2	75·8	75·2	74·7	74·5	72·8
	13	74·7	74·2	73·5	73·2	73·2	72·9	73·1	72·9	72·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	14	—	—	—	—	—	—	—	—	—	71·3	70·3	70·3	70·3	70·2	70·8	71·3	72·3	73·2	73·7	73·4	74·0	74·2	74·4	74·2	72·7
	15	74·0	73·4	72·9	72·7	72·5	72·5	72·5	72·1	72·3	71·9	71·5	70·5	69·5	68·5	68·5	70·8	71·8	72·5	72·1	72·8	73·1	73·2	72·9	72·3	72 0
	16	71·3	69·5	67·6	68·1	67·7	67·6	67·5	67·4	67·3	61·8	66·4	65·7	64·9	64·4	64·4	67·3	67·3	67·8	69·1	69·3	70·1	70·3	70·6	70·6	67·9
	17	69·9	68·5	68·0	67·1	66·8	66·5	66·5	66·5	66·2	66·1	66·1	65·4	64·6	64 4	64·6	66·4	68·3	68·4	67·3	69·3	69·3	69·2	69·7	69 3	67 3
	18	69·3	68·3	67·3	66·6	66·4	66·3	66·3	66·2	66·4	66·4	66·4	65·9	65·4	64·4	63·4	65·4	67·3	68·8	69·5	69·3	68·3	68·5	69·0	67·3	67·0
	19	67·5	68·0	67·7	67·5	67·4	67·4	65·6	64·6	65·4	64·8	64·2	63·5	62·7	62·5	63·2	64·6	67·3	68·3	68·5	70·3	70·7	70·2	70·3	70·8	66·8
	20	70·9	70·3	69·5	69·5	69·3	69·3	69·3	69·3	69·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	21	—	—	—	—	—	—	—	—	—	70·9	72·5	71·4	70·3	70·3	71·0	72·3	73·4	74·2	74·7	75·7	75·2	74·2	74·2	74·0	71·7
	22	74·2	73·5	72·4	72·3	72·4	72·6	72·5	72·3	72·3	71·8	71·3	70·8	70·3	70·3	70·3	71·5	72·3	72·8	72·3	73·2	73·7	73 2	73·4	74·2	72·3
	23	74·0	73·2	72·5	72·5	72·4	72·3	71·9	70·6	70·6	70·3	70·0	69·3	68·5	67·8	68·3	70·1	72·2	71·3	71·8	72·3	72·3	72·8	73·2	73·2	71·4
	24	73·1	72·5	72·0	71·9	71·6	71·5	71·0	70·7	70·3	69·9	69·5	69·0	68·5	66·4	66·4	69·4	71·3	72·3	72·8	73·2	73·4	73·2	73·1	73·3	71·1
	25	72·3	72·4	71·5	71·2	71·1	70·9	70·5	71·1	70·3	69·4	68·5	68·3	68·0	67·6	66·6	68·9	71·1	71·9	72·5	73·2	73·4	73·9	74·0	74·2	70·9
	26	73·7	73·1	73·1	72·7	72·6	71·3	71·1	71·2	70·3	69·8	69·3	69·0	68·6	68·3	68·3	69·2	69·3	73·2	73·2	72·2	73·4	74·2	73·7	74·0	71·4
	27	73·9	73·2	73·0	72·5	73·2	72·5	72·6	72·3	71·1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	28	—	—	—	—	—	—	—	—	—	71·7	72·3	71·4	70·5	69·8	69·3	72·3	73·9	74·4	74·2	74·4	74·4	74·7	75·0	75·2	72·8
	Means	72·4	71·8	71·1	70·7	70·5	70·2	69·8	69·6	69·3	68·8	68·7	68·2	67·6	66·9	67·1	69·1	70·5	71·5	71·6	72·2	72·6	72·5	72·7	72·7	70·3

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

WET THERMOMETER, STANDARD NO. 8

(Corrected to the Kew Observatory Standard Thermometer)

	Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
	Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
MARCH 1858		o	o	o	o	o	o	o	o	o	* o	o	* o	o	o	o	o	o	o	o	o	o	o	o	o	o
	1	74·3	73·2	73·1	73·3	73·1	72·7	72·7	73·1	72·8	72·5	72·3	72·2	72·0	71·5	71·5	73·1	73·2	74·4	74·9	76·4	76·7	76·2	76·4	76·5	73·7
	2	75·6	74·8	73·9	73·7	73·2	73·9	73·7	73·9	73·7	73·4	73·2	72·8	72 3	72·0	72·1	73·2	74·5	76·2	75·2	77·4	76 2	76·0	76·7	76·2	74·3
	3	75·2	74·9	74·0	73·4	73·2	73·9	74·1	74·1	74 2	73 8	73·4	73 3	73 2	72·5	72·9	74·2	74·7	76·4	77·2	77·2	75·4	75·2	75·0	75·6	74·5
	4	75·2	74·6	73·6	73·2	73·2	73·4	73·5	73·3	73·2	72·7	72·3	71·9	71·5	71·5	71·8	72·3	73·4	74 2	74·7	74·1	74·8	75·9	75·2	75·4	73 5
	5	74·9	73·2	73·2	73·0	72·5	73·1	72 3	72 3	71·6	70·4	69·3	69·3	69·3	69·0	69·3	71·5	73·9	74·0	74·4	75·9	75·2	75·4	75·4	75·7	72·7
	6	74·7	75·2	74·1	73·7	73·2	73·2	73·2	73·0	72·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	7	—	—	—	—	—	—	—	—	—	71·4	70·0	69·8	69·5	69·8	69 3	73·2	73·9	74·2	75 9	76·2	75·4	76·0	76·2	75·6	73·3
	8	75·4	74·2	73·7	73·1	72·9	73·0	72·9	72·5	72·3	71·8	71·3	70·8	70·3	70·2	70·1	71·3	73·2	73·2	74·2	74·3	75·2	74·7	74·2	74·1	72·9
	9	74·0	73·0	72·4	72·3	72·3	72·1	72·1	72·0	71·8	70·0	68·3	68 3	68·3	68·3	68·5	70·5	72·4	73·4	74·4	74·9	75·2	75·4	75·0	74·6	72·0
	10	74·2	73·4	72·6	72·3	72·3	71·8	71·7	71·7	70·5	70·0	69·5	69·1	68 7	67·9	68·5	70·5	71·3	71·3	73·2	73·9	73 4	74·6	74·7	74·2	71·7
	11	73·2	73·2	73·4	73·2	73·0	73·1	73·0	72·9	72·3	71·8	71·3	71 3	71·3	70·1	70 3	72·3	73·7	74·0	76·4	77·2	77·2	77·2	76·4	77·0	73·5
	12	77 0	75·7	74·4	74·1	73·7	73·8	73·2	72·0	70·5	69·9	69·3	69·3	69·3	70·7	71·3	72·8	73·3	73·9	72·3	75·4	75·2	72·3	72·0	73·4	72·7
	13	73·4	74·2	73·9	73·6	73·2	72·9	72·2	71·1	71·3	--	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	14	—	—	—	—	—	—	—	—	—	71·6	72·0	71·7	71·3	71·3	72·3	73·7	75·1	76·0	75·4	75·7	76·4	76·5	77·0	76·2	73·7
	15	75·2	75·2	74·8	74·5	74·4	73·5	72·3	72·4	72·1	71·2	70·3	70·2	70·0	69·9	70·3	72·5	74·5	75·2	75 4	75·4	75·2	74·9	75·2	76·0	73·4
	16	75·5	75·2	74·9	74·6	74·4	74·2	73·2	73·2	73·2	73·1	73·0	73·0	72 9	72·7	72·6	74·4	76·0	75·4	75·2	76·4	77·4	76·4	77·2	78·2	74·7
	17	77·6	76·2	75·6	75·1	75·3	75·2	75 2	74·9	74·2	73·7	73 2	72·8	72·3	72·3	73·0	74·7	75·2	76·7	77·2	77·2	76·2	77·2	77·5	76 9	75·2
	18	76·8	76·2	75·7	75·4	74·8	74·7	74·2	74·2	73·9	73·3	72·8	72·4	72·0	71·3	72·3	74·7	75·2	74·5	75·2	76·3	74·7	75·2	75 3	75·6	74·4
	19	75·1	74·3	74·2	73·1	73·3	73·2	73 2	73·1	72 6	72.2	71·8	71 2	70·5	70·0	70·8	72·8	74·2	73·4	74·6	75·2	75·2	75·2	75·8	75·4	73 3
	20	75·4	74·3	73·6	73·1	73 1	73·2	73·2	72·3	72·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	21	—	—	—	—	—	—	—	—	—	71·7	71·2	71·1	70·9	70·1	70·5	72·3	75·2	76·0	75·2	75·4	76·2	76·4	77·7	77·9	73·7
	22	77·7	76·7	76·2	75·9	75·4	75·2	75·2	74·9	74·9	74·0	73·2	73·1	73·0	72 8	73·7	74·9	76·2	76·2	75·2	76·2	77·2	77·4	77·7	78·0	75·5
	23	77·5	76·6	76·2	75·7	75·4	75·2	75·2	75·0	73·2	73·3	73·4	73·3	73·2	72·9	73·2	76·2	75·5	76·2	77·0	77·2	77·4	77·7	77·9	78·0	75·5
	24	77·8	77·2	76·7	76·1	75·9	75·4	75·1	74·2	73·2	72·7	72·3	72 3	72·3	72·1	73·1	75·4	76·3	76·2	76·9	78·2	79·2	79·5	78·7	78·5	75·6
	25	78·0	77·2	75·2	75·4	75·7	75·2	74·4	73·6	72·8	72·5	72·3	72·7	73·0	72·1	73·0	75·0	76·2	75·5	78·2	76 2	77·2	78·2	78·4	78·2	75·3
	26	77·9	76·7	76·4	76·0	75·2	75·2	75·1	74·7	74·4	74·1	73·9	73·6	73·2	72·6	73·1	74·5	76·2	77·2	78 2	77·2	77·2	77·9	78·0	78·1	75·7
	27	77·4	77·1	76·2	75·2	74·7	74·7	74·5	74·2	74·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	28	—	—	—	—	—	—	—	—	--	74·6	75·1	75·2	75·2	75·2	76·0	77·0	77·2	78·0	78·2	78·2	77·4	78·2	77·7	77·9	76·2
	29	78·0	77·1	76·4	76·2	76·1	75·2	75·2	75·5	75·7	75·1	74·5	74 0	73·4	73·7	74·2	75·7	77·4	76·4	76·4	77·4	78·7	78·0	78·2	77·9	76·1
	30	77·7	77·1	76·9	76·5	76·3	76·2	76·2	76·2	76·2	76·2	76·2	75·2	74·2	74·0	74·4	76·6	77·2	76·7	77·2	78·7	79·4	78·7	79·1	79·2	76·8
	31	78·4	77·9	77·1	77·1	76·9	77·2	77 2	76·9	76.8	76·8	76·9	76·3	75·6	75·0	75·2	77·0	77·2	78·4	77·7	78·2	78·2	79·0	79·4	78·2	77·3
	Means	76·0	75·4	74·8	74·4	74·2	74 1	73·9	73·6	73·2	72·7	72·3	72·1	71·8	71·5	72·0	73·8	74·9	75·3	75·8	76·4	76·4	76·5	76·6	76·6	74·3
APRIL 1858											*		*													
	1	78·1	77·9	77·3	77·4	77·4	77·2	77·0	76·7	76·4	76·2	76·0	75·4	74·7	73·7	74·2	76·5	77·2	78·2	79·0	78·9	77·2	77·4	77·4	77·2	76·9
	2	77·4	76·2	76·2	76·4	76·0	76·2	75·7	76·1	75·2	74·7	74·3	73·8	73·3	72·3	73·2	75·0	76·1	76·6	77·7	76·8	78·0	76·7	77·2	78·4	75·8
	3	77·8	76·8	76·2	75·4	75·2	75·2	75·4	74·2	73·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	4	—	—	—	—	—	—	—	—	—	74·3	75·4	75·7	76·0	76·2	76·2	77·4	78·7	78·9	78·7	78·2	79·1	79·2	79·2	78·4	76·7
	5	78·2	76·7	77·2	77·3	76·9	77·7	77·6	77·2	77·0	76·8	76·7	76·0	75·2	74·0	76·0	78·9	78·2	79·1	79·6	80·2	79·5	79·7	79·4	79·2	77·7
	6	79·2	78·5	78·2	77·5	77·7	77·1	76·9	76·7	76·0	75·6	75·2	75·2	75·2	74·8	75·2	76·8	77·6	78·4	79·6	80·6	80·2	79·0	76·3	76·8	77·3
	7	76·5	77·4	78·1	78·1	77·3	77·0	76·2	75·7	75·2	74·4	73·7	73·8	73·9	73·7	75·4	77·8	78·4	78·6	79·4	80·2	80·4	79·7	80·2	78·5	77·1
	8	78·2	78·5	78·3	78·2	78·1	78·0	77·8	77·5	76·7	76·1	75·5	75·4	75·2	75·5	76·7	78·2	78·6	78·2	77·2	79·6	79·2	79·4	78·9	78·1	77·6
	9	78·2	78·6	78·6	78·7	78·9	79·0	79·4	79·0	78·2	78·0	77·9	77·0	76·0	75·5	76·2	76·7	77·2	78·2	79·2	79·2	79·2	79·6	80·1	79·9	78·3
	10	79·1	78·8	79·1	79·3	79·3	78·4	77·9	77·4	77·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	11	—	—	—	—	—	—	—	—	—	77·9	78·7	78·5	78·2	78·9	79·4	80·2	80·6	80·4	80·4	80·2	81·2	81·2	81·6	82·1	79·4
	12	82·0	81·2	81·0	81·1	80·5	80·2	80·0	80·5	80·1	79·6	79·2	79·5	79·7	79·2	79·7	80·2	80·2	80·6	81·2	81·2	81·7	82·1	81·7	81·9	80·6
	13	81·2	81·2	80·6	80·3	80·2	80·4	80·4	80·3	80·2	79·7	79·2	78·7	78·2	77·5	77·4	78·2	79·2	80·2	80·9	80·4	80·2	81·4	81·2	80·7	79·9
	14	80·9	80·2	79·6	79·3	79·3	79·2	79·2	79·2	79·2	79·2	79·2	78·9	78·6	77·9	78·7	78·9	79·8	80·2	81·0	81·2	80·2	79·6	80·1	80·4	79·6
	15	80·0	79·1	78·9	78·9	78·6	78·5	78·7	78·7	78·4	78·2	78·0	77·4	76·7	76·4	77·7	79·2	79·2	79·2	80·1	80·4	80·7	80·4	79·4	80·0	78·9
	16	80·2	79·3	78·9	78·8	78·8	78·2	78·2	78·2	78·2	77·9	77·6	77·3	76·9	75·9	78·4	79·4	78·7	80 2	80·7	80·4	79·6	78·4	79·5	79·7	78·7
	17	79·4	79·8	79·1	78·6	78·8	78·5	78·2	78·2	78·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	18	—	—	—	—	—	—	—	—	—	78·2	78·2	77·7	77·2	76·2	78·2	80·2	79·0	79·4	80·2	80·4	81·2	80·2	80·4	80·4	79·0
	19	80·2	79·8	79·0	79·0	79·0	78·7	78·5	78·2	78·0	77·6	77·2	76·7	76·2	75·6	77·2	78·2	78·2	77·2	78·2	77·2	78·0	78·2	79·0	78·4	78·1
	20	78·2	78·4	77·6	78·1	78·0	77·7	77·4	77·2	77·2	76·9	76·7	76·5	76·2	75·4	76·2	78·4	77·7	78·2	78·4	78·2	78·4	78·2	77·8	78·4	77·6
	21	78·9	78·4	77·3	77·3	77·0	77·2	76 9	77·0	76·0	75·3	74·7	74·0	73·3	73·9	74·9	78·3	78·4	79·3	79·2	79·7	79·7	79·6	79·1	78·4	77·2
	22	77·7	78·2	77·7	78·0	78·0	77·8	77·7	77·7	77·6	76·8	76·1	75·6	75·0	74·2	75·7	77·7	78·4	78·9	79·1	79·2	78·9	79·0	79·5	80·0	77·7
	23	80·2	79·8	78·5	78·0	78·0	77·7	77·5	77·2	75·7	75·4	75·2	74·9	74·6	75·0	76·7	78·2	77·2	78·3	79·4	78·7	78·7	77·7	78·0	78·8	77·5
	24	78·8	78·2	78·2	78·2	78·5	78·2	78·2	78·2	77·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	25	—	—	—	—	—	—	—	—	—	78·5	79·4	79·1	78·7	77·6	78·2	79·4	79·4	79·4	80·7	81·1	81·0	80·4	80·7	81·1	79·1
	26	80·8	80·6	79·4	79·4	79·2	79·0	78·8	78·9	79·2	79·2	79·2	78·6	77·9	78·2	79·2	79·8	80·2	81·2	80·2	80·4	80·3	80·0	81·2	81·3	79·7
	27	80·6	80·1	79·8	78·7	78·2	78·6	78·4	78·4	78·2	78·4	78·7	78·5	78·2	77·4	78·7	79·4	79·9	80·2	81·1	81·2	81·2	81·2	81·7	81·1	79·5
	28	80·8	80·1	79·9	79·3	79·2	79·2	79·7	79·4	79·7	79·5	79·4	78·8	78·2	78·0	78·6	79·2	79·2	78·4	78·7	79·5	80·7	80·2	79·1	79·3	79·3
	29	79·1	78·5	78·3	78·2	78·1	78·4	78·2	78·2	78·0	77·8	77·7	77·2	76·7	77·2	77·2	76·4	78·2	79·9	80·4	79·2	80·2	80·2	81·0	80·4	78·5
	30	80·8	80·1	79·3	79·2	79·1	78·4	78·7	78·7	78·2	78·3	78·4	78·2	77·9	77·2	78·2	77·2	78·1	79·7	80·4	81·2	80·4	80·4	80·9	81·1	79·2
	Means	79·3	78·9	78·5	78·4	78·3	78·1	78·0	77·9	77·5	77·3	77·2	76·9	76·5	76·1	77·1	78·3	78·6	79·1	79·6	79·7	79·8	79·6	79·6	79·6	78·3

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

LIBRARY OF THE UNIVERSITY OF CALIFORNIA

WET THERMOMETER, STANDARD No. 8

(Corrected to the Kew Observatory Standard Thermometer)

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	o	o	o	o	o	o	o	o	o	* o	o	* o	o	o	o	o	o	o	o	o	o	o	o	o	o
1	79·5	79·5	79·2	78·5	78·5	78·2	78·2	78·0	78·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	77·6	77·2	77·2	77·2	76·9	77·7	78·2	79·4	79·7	80·1	79·7	80·2	78·2	79·0	79·9	78·6
3	79·7	79·1	78·2	77·9	77·6	77·2	77·2	77·4	77·2	77·4	77·7	77·5	77·2	76·7	77·4	77·2	76·2	77·3	77·2	76·2	77·2	76·2	76·4	77·6	77·4
4	76·9	77·0	76·9	76·8	77·1	76·6	76·2	76·2	76·2	75·9	75·7	75·5	75·2	76·2	77·8	77·2	78·9	78·2	75·7	77·7	78·2	78·0	76·1	75·1	76·7
5	75·0	74·6	74·2	74·1	74·0	73·4	73·2	73·2	73·2	73·4	73·7	73·7	73·7	73·4	74·0	74·7	75·2	77·2	77·7	79·0	78·2	78·4	78·3	78·9	75·1
6	78·7	78·2	77·8	77·9	77·6	77·2	77·2	77 5	77·2	76·7	76·2	76·1	75·9	76·4	77·9	77·4	78·2	79·2	79·2	80·2	80·2	80·8	81·1	81·2	78·2
7	80·5	79·2	78·9	79·2	79·2	79·2	79·4	79·2	79·7	79·2	78·8	78·5	78·2	77·2	77·7	77·4	78·6	79·4	80·0	80 4	81·3	81·2	80·8	80·4	79·3
8	80·3	79·6	79·4	79·4	79·2	79 2	79 2	79·0	79·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	78·1	77·2	77·1	76·9	74·2	75·2	76·4	78·2	79·3	79·7	80·4	81·2	79·3	79·4	79·6	78·6
10	80·1	80·0	79·4	78·2	78·1	78·2	78·2	77·8	77·4	77·3	77·2	77·2	77·2	77·0	78·2	79·4	80·7	82·2	80·2	79·5	80·8	82·0	82·1	82·5	79·2
11	82·9	81·8	81·1	81·0	80·3	80·2	80·2	78·0	77·2	77·2	77·2	76·7	76·2	75·2	76·2	76·7	77·7	78·4	77·4	80·2	81·2	81·2	81·9	81·4	79·1
12	80·7	80·3	79·3	78·5	78·2	78·2	78·7	78·5	78·2	78·7	79·2	78·6	78·0	77·2	77·0	78 9	79·5	81·2	79·8	81·2	81·3	79·4	79·3	79·7	79·1
13	79·6	79·5	78·2	77·5	77·0	77·2	77·2	77·0	76·7	76·4	76·2	76·2	76·2	75·2	76·2	78·2	78·7	79·7	80·2	80·6	82·0	80·2	80·2	80·7	78·2
14	80·4	80·2	79·5	79·2	78·9	78·7	79·2	79·0	79·2	78·2	77·2	78·1	79 0	78·2	77·7	77·4	78·2	78·2	78·9	81·2	79·7	79·6	80·2	81·0	79·0
15	80·8	79 2	79·0	78 9	79·0	79·2	79·2	79·2	79·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	76·2	73·2	73·7	74·2	74·2	75·2	76·4	75·7	79·2	78·2	78·3	79·7	78·7	79·2	78·2	77·7
17	78·2	78·5	78·2	79·1	76·2	76·9	77·2	76·2	76·2	76·7	77·2	77·8	78·4	77·2	76·7	75·4	76·2	78·0	78·4	78·2	78·9	79·0	79·2	79·5	77·6
18	79·6	78·3	75·4	75·2	75·2	75·4	75·7	75·9	75·2	75·7	76·2	76·2	76·2	75·7	75·7	76·2	77.7	79·0	79·4	79·7	80·7	80·7	81·1	80·2	77·3
19	80·1	77·9	78·0	77·4	77·2	76·3	76·2	76·8	77·2	76·2	75·2	74·8	74 4	73·9	74·4	76·0	76·6	74·7	76·2	77·6	77·2	78·2	78·0	77·1	76·6
20	78·0	75·5	75·2	74·4	74·6	75·2	74·7	73·8	73·4	74·5	75·7	75·0	74·2	76·4	77·2	77·0	77·2	78·2	77·8	78·2	79·2	79·4	79·1	79·4	76·4
21	78·5	78·2	79·2	79·4	78·9	79·2	79·2	78·6	78·2	77 7	77·2	76·9	76·6	75·2	75·4	77·2	78·4	78·7	79·0	78·6	79·7	80·0	79·8	80·2	78·3
22	79·6	79·2	78·9	79·2	79·2	79·2	79 0	79 2	79·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	78·4	77·7	77·0	76·2	74·2	73·2	73·4	74·2	74·4	75·2	76·2	77·0	78·2	77·4	80·2	77·3
24	79·0	79·5	79·2	79·0	78·8	79·2	78·8	78·4	78·2	77·4	76·6	76·4	76·2	76·2	77·2	78·4	77·0	76·8	77·2	77·4	77·2	78·0	78·9	80·5	78·0
25	79·6	78 9	78·4	79·2	79·5	79·2	79·4	78·8	78·2	77·7	77·2	76·6	76·0	75·4	74·8	74·4	74·3	76·2	78·2	79·0	78·2	78·4	79·2	78·7	77·7
26	78·8	78·8	79·3	79·4	79·2	79·2	79·2	79·0	78·9	79·0	79·1	77·2	75·2	74·2	75·2	75·4	75·7	76·7	76·4	78·0	77·9	78·0	79·2	78·5	77·8
27	79·0	78·1	75·2	77·1	77·2	75·8	75·2	75·2	75·0	75·3	75·6	76·4	77·2	77·2	77·4	78·4	76·2	79·2	78·0	78·0	76·6	78·2	80·0	79·1	77·1
28	78·1	78·2	78·4	78·4	78·6	79·2	79·2	79·2	79·2	78·7	78·2	78·0	77·7	76·2	77·2	77·7	76·6	77·8	75·8	76·9	78·2	79·0	81·0	80·3	78·2
29	79·2	79·4	79·7	79 0	79·1	79·0	79·2	79 0	78·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	78 2	78·0	77·7	77 4	77·2	78·2	78·4	77·2	76·2	77·2	77·2	78.2	79·2	80·2	80·1	78·4
31	79·5	79·5	79·5	78·9	77·9	78·2	78·2	78·6	78·2	77·8	77·4	77·0	76·6	76·2	78 2	76·7	75·8	76·9	77·2	78 2	78·2	76·2	77·2	78·9	77·8
Means	79·3	78·8	78·3	78·2	77·9	77·9	77·9	77·6	77·5	77·1	76·8	76·7	76·4	75·9	76·5	76·9	77·2	78·2	78·1	78·8	79·2	79·1	79·4	79·6	77·9

MAY 1858

1	77·9	78·3	78 3	78·3	78·3	78·2	78·2	77·4	77·2	* 77·2	77·2	* 76·5	75·7	72·0	73·2	75·5	76·2	76 7	76·7	77·2	78·2	78·7	78·9	79·0	77·1
2	78·8	78·5	79·2	78·3	78·2	78·0	77·6	78·2	77·2	77·3	77·4	77·3	77·2	75·2	75·2	76·2	77·2	77·2	78·2	79·2	80·0	80·2	81·0	79·2	78·0
3	76·7	77·4	78·3	78·9	77·9	78·2	78·1	78·2	78 2	77·7	77·2	76·9	76·6	76·2	77·2	78·4	79·2	79·2	77·8	79·2	79·0	79·4	78·7	79·9	78·1
4	79·8	78·9	78·7	75·2	74·1	77·2	77·2	76·8	76·2	75·8	75·5	75·3	75·0	75·6	76·7	78·0	78·6	79·0	79·2	78·4	77·2	76·4	74·4	74·4	76·8
5	79·2	80·6	79·2	78·5	78 5	78·9	78·4	77·9	77·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	77·4	77·2	76·8	76·4	73·2	72·5	73·2	72·5	73·2	73·2	74·0	74·2	76·0	76·4	77·5	76·4
7	79·2	78·2	77·2	77·2	76·8	76·4	77·2	77·2	76·2	76·4	76·7	75·7	74·7	73·2	71·8	72·3	73·2	74·2	75·2	76·0	77·6	77·7	78·1	78·2	76·1
8	77·0	75·9	75·0	75·2	75·9	76·2	76·8	77·2	77·2	77·3	77·4	77·7	77 9	77·2	77·9	78·9	78·2	78·0	78·4	78·2	79·2	79·2	79·0	79·2	77·5
9	79·1	78·2	78·2	78·2	78·2	78·5	78 1	78·1	77·2	77·0	76·9	76·7	76·4	77·0	78·2	79 0	80·0	79·2	79·2	79·2	80·0	80·2	80·4	80·5	78·5
10	80·1	79·3	79·2	79·6	80·2	79·4	79·2	79·0	78·4	77·3	76·2	76·6	76·9	76·4	77·0	77·2	77·8	78·2	79·2	78·9	79·2	79·2	80·1	80·5	78·6
11	80·9	80·9	80·2	80·6	80·7	79·7	79·7	79·2	78·4	78·3	78·2	77·8	77·3	76·2	76·4	78·0	78·6	79·2	79·2	79·0	79·4	80·2	80·9	81·5	79·2
12	82·2	81·6	80·2	79·9	80·0	79·4	79·2	79·2	79·1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	78·6	78·2	77·6	77·0	76·7	78·0	77·9	78·2	79·4	80·0	80·4	81·0	81·2	80·9	80·4	79·4
14	80·0	79·9	80·0	80·3	80·1	79·8	80·2	79·9	79·4	78·9	78·4	78·3	78·2	77·4	78·2	78·7	79·2	80·1	80·2	80·2	80·2	80·9	81·7	81·4	79·7
15	78·6	79·5	80·1	80·2	80·1	80·2	79·6	78·2	78·1	78·2	78·4	77·9	77·4	76·7	77 7	78·2	78·4	78·2	79·2	79·4	80·2	80·2	79·9	79·5	78·9
16	78·8	79 3	78·3	78·2	78·2	78·4	78·2	78·2	78·2	77·7	77·2	77·1	76·9	75·7	76·2	77·2	78·0	78·4	79·2	79·2	79·2	79·4	80·1	79·8	78·2
17	78·7	79·0	78·6	78·3	78 3	77·2	77·2	76·4	76·2	76·7	77·2	76·9	76·6	77·0	77 7	78·2	79·0	79·4	79·0	79·2	80·2	80·2	79·9	79·8	78·2
18	80·1	78·9	78·2	78·8	78·2	77·4	77·2	77·1	77·4	77·3	77·2	76·8	76·4	76·0	76·0	76·9	77·4	78·2	78·2	78·2	79·0	79·2	78·7	79·0	77·8
19	79·9	79·4	79·3	78·8	78·9	78·2	78·4	78·2	78·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	77·4	76·6	76·5	76·4	75·2	75·7	75·9	76·7	77·2	77·2	78·2	78·2	79·2	78·9	78·6	77·8
21	79·9	80·0	79·8	80·0	79·4	78·8	78·1	77·8	77·4	77·1	76·8	76 9	76·9	74 7	74·2	74·9	76·9	77·2	77·2	77·2	78·0	79·2	79·4	79·5	77·8
22	80·8	80·5	77·9	78·7	79·1	78·2	77·4	77·2	76·4	76·3	76·2	75·2	74·2	73·4	73·8	76·2	76·0	76·4	76·7	77·2	78·0	78·2	78·5	78·5	77·1
23	78·0	79·0	79·1	78·5	78·2	78·4	77·7	77·2	77·2	76·7	76·2	75·2	74·2	73·2	74·6	75·2	76·2	77·2	77·2	77·7	77·2	77·7	79·0	78·7	77·0
24	78·2	78·2	78·6	79·0	78·7	78·2	78·2	77·7	77·2	76·2	75·2	74 7	74·2	73·9	75·9	76·2	76·2	76·0	76·4	77·7	78·2	79·2	79·4	78·5	77·2
25	77·3	76·9	78·0	78·0	78·2	78 2	78·2	77·8	76·7	76·4	76·2	75·2	74·2	72·8	73·4	74·0	74·2	75·0	76·0	76·2	76·6	76·2	78·1	77·5	76·3
26	78·7	79·4	79·8	79·0	78·5	78·2	77·9	77·4	77·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	77·1	77·0	76·6	76·2	76·7	77·7	78·2	78·2	77·2	78·2	79·2	80·0	79·2	80·1	80·2	78·2
28	80·4	80·0	80·0	79·4	79·5	79·2	78·9	79·2	79·6	78·9	78·2	78·2	78·2	78·6	77·4	78·2	78·4	79·0	79·2	79·2	78·8	79·2	80·9	80·1	79·1
29	80·2	79·9	80·4	80·4	80·4	80·2	80·2	79·2	79·2	79·7	80·2	79·2	78·2	75 9	76·7	78·2	77·4	77·2	78·2	77·2	78·2	78·0	80·0	80·0	78·9
30	80·3	80·3	79·6	80·0	79·2	78·2	78·0	78·2	78·4	78·3	78·2	77·9	77·6	77·4	77·2	78·5	78·5	78·6	78·2	79·0	79·4	80·0	80·0	79·8	78·8
Means	79·3	79·2	78·9	78·8	78·6	78·4	78·3	78·0	77·7	77·4	77·2	76·8	76·4	75·5	76·0	76·9	77·3	77·6	77·9	78·3	78·7	79·0	79·4	79·3	77·9

JUNE 1858

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

WET THERMOMETER, STANDARD No. 8

(Corrected to the Kew Observatory Standard Thermometer)

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	o	o	o	o	o	o	o	o	o	* o	o	* o	o	o	o	o	o	o	o	o	o	o	o	o	o
JULY 1858 1	80·4	80·9	80·4	80·0	79·4	80·2	78 7	78·7	78·2	77·2	76·2	75·6	75·0	75·0	75·7	77·1	77·2	77·7	78·2	78·2	79·0	79·4	80·1	80 2	78·3
2	79·9	80·0	79·3	79·4	76·2	73 2	74·0	74·2	76·7	75·4	74·2	73·7	73 2	74·0	74·2	75·7	76 8	78·2	78·2	78·4	78·7	79·2	79·4	79·3	76 7
3	79·7	79·9	78·8	78·4	78·6	78·7	78·4	78·2	77·9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	76·5	75·2	75·1	75·0	75·4	76·9	77·4	77·7	77·4	77·7	79·0	79 2	78·2	79·9	80·5	77·9
5	79·9	79·6	79·1	78·5	78·0	77·2	74·1	74·9	75·2	75·5	75·9	76·1	76·2	75·4	74·7	76·4	78·2	78·2	79·2	80 0	79·2	79 6	78·2	78 8	77·4
6	79·1	78·9	78·1	77·3	76·4	75·9	75·7	75·2	76·2	76·9	77·6	76·9	76·2	75·2	75·2	75·6	76·2	77·2	77·2	78·0	78·4	79 0	78·9	77 9	77·0
7	77·6	77·1	77·3	77·7	76·3	75·4	75·2	75·2	74·9	75·4	75·9	75·9	75·9	75·0	73·9	74·4	75·2	76·0	76·2	76·7	77·2	77·2	78·2	78·2	76·2
8	79·2	78·1	78·2	77·7	77·8	77·2	76·4	76 2	76·2	76·0	75·9	76·1	76·2	74·7	75·2	76·2	77·2	77·2	78·0	78·2	78·2	79·2	79·1	79·9	77·3
9	79·4	78·8	78·2	76·7	77·0	77·7	77·2	77·2	76·8	76·3	75·9	76·1	76·2	75·0	75·4	76·2	77·2	77·2	78·2	78·4	79·2	78·2	78·9	79·5	77·4
10	80·0	79·6	78·7	79·2	78·9	78·7	79·0	78·2	77·9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	76·4	75·0	75·6	76 2	77·2	77·9	77·1	77·2	77 2	76·7	77·0	78·2	78·2	78·7	78·4	77 8
12	78·0	78·7	78·2	78·4	79·5	79·2	78·4	78·7	78·2	77·8	77·4	77·1	76·7	76·2	76·2	77·0	77·4	78·2	77·4	77·2	77·1	77·2	78·0	78·3	77 8
13	78·2	77·8	77·0	77·8	78·2	77·6	77·2	76·4	76·2	76·0	75·9	75·1	74·2	73·0	73·2	75·0	76·0	76·2	76·2	77·2	76·7	77·2	77·5	77·6	76·4
14	78·4	78·5	76·6	76·4	75·7	75·2	75·2	75·7	75·2	75·7	76·2	76·5	76·7	76·4	77·2	77·4	78 2	78·2	78·6	79·2	79·0	79·1	78·6	77·1	77·1
15	75·8	76·4	75·7	74·9	75·2	75·2	74·9	75·7	76·2	75·9	75·7	75·5	75·2	75·2	76·0	77·2	77·4	77·2	78·2	78·0	76·2	77·2	77·2	77 8	76·2
16	78·0	77·5	77·2	77·5	78·4	78·7	78·2	77·6	76·7	76·9	77·2	76·2	75·2	74·2	73·4	73·1	75·0	76·2	75·7	76·2	76·2	76 4	77·2	77·8	76·5
17	78·2	78·9	78·0	78·2	77·7	77·7	77·2	76·6	76·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	76·3	76·4	76·7	76·9	75·1	73·2	74·2	74·7	75·2	76·0	76·4	77·2	77·2	78·0	78·4	76·7
19	78·1	76·4	77·5	77·4	79·0	78·2	77·2	76·7	77·8	77·5	77·2	77·0	76·7	75 0	74·2	74·4	75·2	76·2	76·7	77·2	78·0	78·4	77·2	76·5	76·9
20	76·7	77·4	77·5	78·2	79·2	79·0	78·2	78·2	77·6	77·4	77·2	76·8	76·4	74·2	74·2	74·8	75·4	76·2	77·7	76·9	76·2	77·0	77·8	78·2	77·0
21	78·9	80·0	79·9	79·6	79·2	79·2	78·9	78·5	78·2	77·7	77·2	76·7	76·2	75·2	76·8	77·0	77·2	77·1	77·2	78·0	78·2	78·9	79·9	80·4	78·2
22	81·2	80·4	79·6	79·4	79·9	79·0	78·7	78·7	77·9	77·3	76·7	76·5	76 2	76·7	77·1	77·9	78·2	78·2	78·1	77·4	77·2	78·2	77·8	77·9	78·2
23	79·0	79·7	80·1	79·0	78·2	78·7	77·9	77·2	76·6	76·4	76·2	76·2	76·2	75·7	76·2	77·2	77·2	78·4	78·7	79·2	79·2	79·0	78·2	77·5	77·8
24	78·7	78·9	78·6	77·4	79·0	78·7	78·0	77·2	76·6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	76·1	75·7	75·0	74·2	74·4	73·2	75·0	74·7	76·0	76·2	77·2	77·7	78·6	79·8	79·1	76·9
26	79·5	78·8	78·2	79·1	80·2	80·0	79·8	79·6	78·2	77·2	76·2	75·7	75·2	74·4	73·2	77·2	77·7	78·0	78 2	78·2	78·7	79·2	79·4	78·8	77·9
27	79·1	79·7	80·0	80·0	80·2	79·7	79·2	77·2	76·8	77·0	77·2	77·6	78·0	77·2	77·2	77·8	78·5	79·2	79·2	79·2	79·2	79·4	80·1	80·5	78·7
28	80·2	79·1	78·5	78·3	78·8	73·2	75·9	76·0	76·0	75·8	75·6	75·8	75·9	76·2	75·8	76·4	77·2	78·2	78·9	79·2	80·2	80·2	80·7	80·9	77·6
29	80·7	80·0	79·3	79·5	79·4	78·7	78·2	78·0	77·4	77·8	78·2	77·8	77·4	76·9	76·4	76·7	77·6	78·2	78·4	77·7	78·0	78 6	79·8	79·0	78·3
30	78·5	79·1	79·4	79·8	79·5	79·2	79·0	78·5	78·2	78·0	77·9	77·6	77·2	77·2	77·7	77·9	77·4	77·7	78·0	77·7	78·2	78·4	79·0	79·9	78·4
Means	78·9	78·9	78·4	78·3	78·3	77·7	77·3	77·1	76·9	76·6	76·4	76·2	75·9	75·4	75·4	76·2	76·8	77·3	77·7	77·9	78·1	78·4	78·8	78·8	77·4
July 31	79·3	78·5	78·1	77·3	77·0	77·2	76·8	76·4	76·2	* —	—	* —	—	—	—	—	—	—	—	—	—	—	—	—	—
AUGUST 1858 1	—	—	—	—	—	—	—	—	—	74·5	72·8	73·0	73·2	73·4	74·0	75·0	75·6	77·2	78·2	78·2	78·6	80·0	79·8	79·4	76·7
2	80·1	80·0	79·4	78·6	78·5	78·4	78·2	78·9	77·2	75 7	74·2	74·2	74·2	74·7	76·0	77·0	77·7	78·6	79·2	78·8	79·2	80·4	80·1	80·4	77·9
3	80·2	80·0	79·3	77·9	77·4	76·8	77·2	77·4	77·1	75·6	74·2	74·6	75·0	75·0	75·2	76·2	76·9	78 2	79·0	79·2	79·2	80·2	80·0	80·8	77·6
4	80·4	80·0	79·0	78·7	78·7	79·2	78·4	77·2	76·1	75·8	75·6	75·4	75·1	75·2	75·7	76·0	76·2	76·9	77·2	78·2	78·2	79 0	79·8	80·2	77·6
5	79·0	78·7	76·3	77·1	76·4	75·7	75·7	75·6	75·2	75·2	75·2	75·0	74·7	74·2	74·5	74·5	75·2	76·2	76·4	77·2	78·2	78·4	78·9	79·4	76·4
6	79·8	79·9	79·6	77·4	77·1	76·2	76·2	76·0	75·7	75·9	76·2	75·8	75·4	74·3	73·9	74·0	75·2	76·2	77·0	77·4	77·2	77·2	77·4	78·5	76·6
7	78·4	77·7	77·4	77·2	76·6	76·2	76·2	75·6	75·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	—	76·0	76·9	76·1	75·2	74·4	73·7	74·6	75·2	76·2	77·0	77·2	77·7	77·2	76·9	77·2	76·3
9	76·4	78·0	77·1	75·4	75·0	75·4	75·2	76·2	76·4	76·0	75·7	75·5	75·2	74·2	74·7	75·6	76 2	77·2	78·0	78·2	78·7	78·2	77·5	77·7	76·4
10	77·2	76·7	76·8	78·0	77·3	77·0	77·2	76·1	75·2	75·2	75·2	74·6	73·9	73·2	73·4	74·2	75·4	76·2	77·0	77·2	78·2	79·2	80·1	80·2	76·4
11	80·1	79·7	78·4	78·3	78·3	77·4	78·1	77·4	76·2	75·8	75·4	74·8	74·2	74·9	76·0	77·2	77·2	77·4	77·2	77·4	78·0	78 2	79·0	79·1	77·3
12	79·5	79·2	78·0	78·6	79·3	78·9	78·6	78·2	77·6	77·3	77·0	77·1	77·2	76·9	76·2	77·4	77·2	78·2	78·4	79·2	79·9	80·2	80·7	80·2	78·4
13	80·9	80·7	79·4	79·8	79·8	79·2	79·0	78·7	78·2	77·8	77·4	76·3	75·2	74·9	75·2	76·0	77·2	78·0	77·6	78·4	79·3	80·2	80·0	79·5	78·3
14	79·4	79·1	79·0	78·9	78·9	78·7	78·2	77·8	77·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	75·1	73·0	73·6	74·2	75·2	76·4	78·2	79·2	79·9	80·2	79·7	80·2	80·2	80·4	81·1	78·1
16	81·0	81·4	80·7	80·5	80·4	79·6	79·2	78·8	78·2	78·5	78·9	78·1	77·2	76·5	75·2	75·6	76·0	76·2	77·2	78·2	79·2	79·7	80·2	80·6	78·6
17	80·4	80·2	79·4	79·0	79·0	78·2	78·7	78·2	77·9	78·0	78·2	78·6	78·9	78·7	79·4	79 2	79·9	80·0	79·2	78 2	79·4	80·2	80·2	80·0	79·1
18	79·8	79·4	79 0	79·3	79·2	78·4	78·2	78·2	78·0	77·6	77·2	77·5	77·7	76·6	76·2	76·7	77·9	78·0	78 2	77·7	78·2	79·2	78·9	78 5	78·1
19	78·6	78·9	79·1	79·3	79·1	78·4	78·2	78·0	77·4	77·5	77·7	77·5	77·2	76·2	76·9	77·4	78·4	78·2	77·5	77·2	79·2	78·7	79 0	79·4	78·1
20	79·0	79·2	78·3	78·2	78·2	78·8	78·2	78·2	78·2	77·9	77·7	77·5	77·2	76·2	75·9	76·9	77·2	78·2	78·9	79·7	78·2	79·2	79·9	79·4	78 2
21	79·3	79·5	79·4	79·3	79·3	79·2	78·4	78·2	78·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	77·7	77·2	77·1	77·0	76·9	77·0	78·0	78 2	78·4	78·9	79·4	79·2	79·8	80·4	80 2	78·6
23	80·0	79·1	78·4	78·4	78·4	78·4	78·2	77·9	77·4	77·2	77·0	76 6	76 2	75·4	76·0	76·2	77·2	78·0	78·2	78·2	78·2	79·2	79·5	79·0	77·8
24	78·9	79·0	78·4	78·3	78·1	78·2	77·9	77·7	77·2	77·2	77·2	76·8	76·4	76·9	77·2	78·2	78·2	76·7	75·2	74·7	75·0	76·7	78·4	78 7	77·4
25	78·8	78·9	78·4	78·4	78·0	77·7	77·4	77·2	77·2	77·2	77·2	77·1	76·9	77·4	78·2	78·0	78·7	79·2	79·7	79·4	79·2	79·2	78·7	79 1	78·2
26	79·0	79·2	78·1	78·1	78·2	77·7	78·2	78·2	77·8	77·5	77·2	77·0	76·7	76·9	77·2	78·2	78·2	78·0	76·4	77·2	77·2	78·2	78·4	78·9	77·8
27	79·0	79·2	79·3	79·1	79·0	79·0	78·7	78·2	78·2	77·8	77·4	77·2	77·0	75·7	76·4	76·2	75·2	75·2	75·3	76·2	77·2	78·2	79·0	78·4	77·6
28	79·2	79·2	78·2	78·9	79·0	78·7	78·5	78·2	78·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	—	78·3	78·4	77·9	77·4	77·2	78·2	78·9	78·2	77·2	77·4	77·2	78·0	78·4	79·0	79·8	78·3
30	80·0	79·6	77·1	78·2	78·2	78·2	77·9	76·2	75·1	76·1	77·2	76·7	76·2	75·7	75·7	76·9	77·2	75·8	76·8	78·0	79·2	79 2	78·7	78·2	77·5
31	78·5	75·8	75·2	76·2	78·0	78·2	78·7	78·2	77·8	77·4	77·0	76·6	76·2	75·2	76·6	77·4	76 2	75·4	75·2	75·4	75·6	76·2	77·7	78·2	76·8
Means	79·3	79·1	78·4	78·3	78·2	78·0	77·8	77·5	77·0	76·7	76·5	76·2	76·0	75·6	76·0	76·7	77·1	77·4	77·6	77·9	78·4	78·9	79·2	79·3	77·6

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

WET THERMOMETER, STANDARD No. 8

(Corrected to the Kew Observatory Standard Thermometer)

	Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
	Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h m 22 41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
		o	o	o	o	o	o	o	o	o	o *	o	o *	o	o	o	o	o	o	o	o	o	o	o	o	o
SEPTEMBER 1858	1	78·8	78·1	77·8	78·2	78·1	78·2	78·2	78·0	77·4	77·3	77·2	77·1	76·9	76·2	75·5	76·2	75·7	76·7	77·2	77·2	76·4	77·4	78·0	79·1	77·4
	2	79·9	79·9	79·3	79·5	79·7	79·2	79·4	78·9	78·2	77·7	77·2	77·6	78·0	78·2	76·4	76·2	77·7	78·2	77·4	77·2	79·1	79·4	79·2	79·5	78·5
	3	80·0	79·8	80·1	79·1	78·0	77·9	77·2	77·1	76·2	76·4	76·7	76·6	76·4	75·7	74·2	74·4	75·7	78·4	79·0	79·4	79·4	79·7	80·2	79·8	77·8
	4	79·8	79·3	79·0	78·8	78·9	78·7	78·4	78·2	78·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	5	—	—	—	—	—	—	—	—	—	76·0	73·8	74·0	74·2	75·0	74·8	76·6	78·2	79·2	79·7	80·3	81·2	81·7	81·9	77·8	78·1
	6	77·6	77·3	77·4	76·8	76·9	77·2	77·2	77·1	77·2	76·2	75·2	75·0	74·7	74·2	74·0	74·4	75·7	76·8	78·2	79·2	78·7	78·7	78·1	78·0	76·7
	7	77·1	76·7	76·8	77·1	76·9	77·2	76·6	75·4	75·2	75·2	75·2	74·9	74·6	74·2	73·9	73·4	74·4	75·4	76·4	77·1	75·4	75·2	76·4	76·1	75·7
	8	76·2	75·9	75·6	75·3	75·8	75·2	75·2	75·0	74·4	74·3	74·2	74·5	74·7	73·9	73·2	73·2	73·0	74·0	74·9	76·2	76·4	75·2	75·4	75·2	74·9
	9	75·4	75·1	74·9	74·8	74·7	75·0	74·4	74·2	74·2	74·1	74·0	74·4	74·7	73·9	75·7	76·2	77·4	75·2	75·2	76·2	77·0	75·2	74·7	74·2	75·0
	10	74·4	74·1	74·3	73·9	74·2	74·2	74·0	74·2	74·2	74·2	74·2	74·2	74·2	74·2	74·1	73·4	75·2	77·0	78·2	77·2	78·2	78·8	77·7	78·2	75·3
	11	77·6	77·2	76·9	76·6	76·1	76·2	76·2	76·0	76·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	12	—	—	—	—	—	—	—	—	—	76·3	76·7	75·9	75·0	74·2	73·4	74·2	74·5	77·2	76·4	75·9	76·4	77·7	77·2	77·5	76·1
	13	77·8	75·9	75·9	74·7	73·3	73·6	73·7	73·9	74·2	76·7	79·2	77·7	76·2	74·2	73·4	73·9	74·2	74·2	74·4	75·2	76·8	76·2	76·7	76·4	75·3
	14	77·9	77·9	77·4	77·1	76·0	75·4	75·2	75·0	75·2	75·7	76·2	74·7	73·2	72·3	72·1	72·6	73·2	75·4	77·1	77·2	75·7	74·2	76·0	75·9	75·4
	15	77·9	76·3	76·0	76·2	76·2	76·4	76·2	76·0	75·7	75·8	76·0	76·1	76·2	74·4	73·8	74·7	75·2	75·2	76·7	77·2	77·7	78·4	78·9	79·2	76·3
	16	78·7	79·1	79·1	79·1	79·1	79·2	78·7	79·0	77·2	77·3	77·4	77·2	76·9	77·2	77·7	78·2	78·9	78·4	77·7	78·9	79·2	80·0	79·7	80·0	78·5
	17	80·2	79·6	79·3	79·2	78·5	79·0	78·2	79·4	76·4	75·8	75·2	75·7	76·2	76·2	76·2	76·4	77·4	77·2	78·2	78·4	78·9	78·2	78·2	78·5	77·8
	18	78·4	78·4	79·0	76·4	76·4	77·2	77·2	77·2	77·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	19	—	—	—	—	—	—	—	—	—	77·1	77·2	76·7	76·2	74·2	74·2	73·9	74·4	74·4	74·4	75·2	76·7	77·2	76·5	76·5	76·3
	20	76·7	77·0	77·4	78·2	79·2	79·4	79·2	79·2	78·2	76·2	74·2	73·7	73·2	71·7	71·8	71·5	72·3	72·0	72·3	72·3	74·0	74·2	72·6	74·0	75·0
	21	73·2	76·3	77·2	77·3	77·3	76·8	77·2	77·2	76·4	76·7	77·0	76·6	76·2	73·2	72·0	72·3	73·1	74·2	74·2	74·2	74·6	73·2	74·7	77·9	75·4
	22	77·2	76·5	76·9	76·8	77·0	77·2	76·9	76·2	76·0	75·6	75·2	75·2	75·2	74·9	75·4	73·4	73·4	71·7	73·2	73·7	74·2	77·2	76·7	75·9	75·5
	23	76·2	76·2	76·2	76·2	76·4	76·4	77·7	77·2	77·2	76·7	76·2	76·2	76·2	75·7	76·2	76·2	76·2	74·2	73·2	75·2	75·2	74·4	77·4	77·7	76·1
	24	78·2	77·1	76·4	76·3	76·4	75·2	75·2	75·2	77·2	76·7	76·2	76·6	77·0	76·6	75·9	76·4	77·2	76·7	76·8	74·7	75·2	76·2	77·9	78·7	76·5
	25	79·0	77·7	77·6	77·8	77·5	77·2	77·0	76·7	76·6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	26	—	—	—	—	—	—	—	—	—	76·7	76·9	76·5	76·0	76·4	77·2	77·9	77·4	77·7	76·2	78·1	78·2	79·4	79·7	79·4	77·5
	27	79·1	77·4	77·4	77·4	77·4	77·7	77·9	77·2	77·2	77·2	77·2	76·8	76·4	76·2	76·9	77·7	76·9	77·2	76·5	79·1	80·8	81·2	81·0	80·5	77·9
	28	80·2	79·4	78·4	78·2	78·2	78·0	77·7	77·2	77·2	77·2	77·2	76·7	76·2	76·2	77·2	78·2	78·4	78·2	79·9	80·2	80·1	79·1	78·7	78·2	78·2
	29	79·0	78·4	78·2	77·3	77·3	77·2	76·8	76·7	76·2	76·3	76·4	76·3	76·2	75·7	77·0	78·2	78·2	77·7	78·2	79·2	79·2	79·4	79·5	79·2	77·7
	30	79·4	78·9	78·4	78·3	78·3	78·2	78·0	77·9	77·7	77·3	77·0	76·8	76·6	76·8	77·4	78·2	77·4	78·2	79 1	79·9	79·9	79·2	79·4	79·2	78·2
	31																									
	Means	77·9	77·5	77·4	77·2	77·1	77·0	76·9	76·7	76·4	76·3	76·1	75·9	75·7	75·1	75·0	75·3	75·8	76·2	76·6	77·1	77·5	77·6	77·8	77·8	76·7
OCTOBER 1858	1	79·4	79·0	79·0	79·0	79·0	78·2	77·7	77·7	77·2	77·0 *	76·9	76·6 *	76·2	77·0	77·7	78·4	78·9	79·9	80·0	80·2	80·0	79·4	79·8	79·5	78·5
	2	78·7	78·8	78·7	77·4	77·4	77·0	76·4	76·2	76·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	3	—	—	—	—	—	—	—	—	—	76·4	76·7	76·3	75·9	75·0	76·2	77·2	77·2	77·5	78·9	78·4	79·0	78·7	78·4	77·5	77·3
	4	76·6	77·1	77·2	77·3	77·4	77·4	78·2	78·2	77·7	77·8	77·9	77·5	77·1	75·7	77·2	78·2	78·2	79·0	78·9	79·2	79·2	79·0	78·0	77·7	77·8
	5	78·4	77·6	77·6	77·9	77·6	77·7	77·7	77·2	77·2	76·7	76·2	76·1	76·0	76·0	76·4	77·2	76·7	77·0	76·2	77·2	77·7	78·4	78·3	77·5	77·2
	6	77·3	77·2	77·2	76·9	76·4	77·2	77·0	76·2	76·2	76·0	75·9	75·9	75·9	76·0	75·4	75·2	75·2	75·2	74·2	74·2	74·4	73·4	73·2	73·4	75·6
	7	73·3	73·2	74·2	76·2	78·2	77·2	77·7	77·7	77·7	77·5	77·4	77·7	77·9	77·7	77·2	77·7	77·7	77·7	77·2	77·7	77·2	77·9	78·2	77·7	77·1
	8	77·0	76·6	76·1	76·0	76·2	76·4	76·7	76·4	77·2	77·1	77·0	76·6	76·2	76·5	76·2	76·6	78·2	78·7	79·4	80·2	80·2	80·2	80·4	79·9	77·6
	9	79·5	78·6	78·1	78·2	78·2	77·6	77·4	77·4	77·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	10	—	—	—	—	—	—	—	—	—	76·0	74·9	74·5	74·0	73·9	72·3	73·0	73·2	73·1	73·1	73·3	74·4	74·7	74·4	74·4	75·5
	11	74·3	74·3	74·3	73·2	73·1	73·2	73·0	72·5	72·5	72·6	72·7	72·5	72·3	72·3	72·5	74·2	76·7	76·8	77·2	77·4	77·5	77·4	78·7	78·4	74·6
	12	77·5	77·1	77·0	77·0	77·0	77·4	77·7	78·2	77·2	76·7	76·2	76·2	76·2	75·2	76·2	78·2	79·2	78·7	79·2	79·7	80·4	80·2	80·0	79·7	77·8
	13	78·9	78·2	78·2	77·5	77·5	77·2	76·4	75·6	76·8	77·0	77·2	77·4	77·6	76·4	75·6	77·2	78·2	78·4	74·4	75·2	76·2	77·2	78·2	78·4	77·1
	14	78·2	77·9	77·2	75·2	76·2	76·0	76·2	75·8	75·2	75·4	75·7	75·2	74·6	74·7	75·5	75·9	76·2	77·2	78·0	77·7	77·2	76·2	76·4	77·1	76·3
	15	77·4	77·7	77·5	77·2	77·2	77·2	77·2	77·2	75·4	75·0	74·6	74·5	74·4	74·2	75·2	76·2	77·2	77·7	78·2	78·2	78·2	78·4	77·7	78·2	76·7
	16	78·4	77·8	77·6	77·6	77·2	77·2	77·0	76·8	76·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	17	—	—	—	—	—	—	—	—	—	76·3	76·2	76·1	75·9	76·4	77·0	78·0	77·7	78·2	79·2	78·2	78·7	78·8	77·7	78·0	77·4
	18	78·2	77·9	77·9	77·9	77·9	77·2	77·0	76·8	76·8	76·5	76·2	75·6	75·0	74·2	74·7	75·7	76·2	77·2	77·7	78·2	78·2	78·8	76·0	77·0	76·9
	19	77·2	76·6	76·6	76·6	77·2	76·7	77·0	77·2	76·4	75·8	75·2	74·7	74·2	74·2	75·2	76·6	77·4	77·8	78·2	78·7	79·2	78·2	76·8	76·4	76·7
	20	75·4	74·4	76·3	77·0	76·1	75·7	75·4	75·2	75·2	74·7	74·2	74·1	74·0	72·5	74·0	75·0	74·2	75·2	76·1	75·8	74·2	74·0	73·8	74·0	74·9
	21	74·0	73·2	73·2	72·6	75·0	74·2	74·5	73·9	73·2	73·2	73·2	71·3	69·3	67·3	68·0	68·5	69·0	69·3	69·3	70·3	70·3	70·3	70·6	70·7	71·4
	22	70·2	69·6	70·2	70·2	70·5	71·3	71·3	71·3	71·5	71·4	71·3	71·7	72·1	73·2	72·8	74·0	73·2	74·0	74·6	75·4	75·2	75·5	75·2	74·6	72·5
	23	74·2	73·6	73·4	73·2	73·2	72·5	73·0	73·2	73·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	24	—	—	—	—	—	—	—	—	—	73·7	74·2	74·2	74·1	74·0	74·4	75·2	76·2	78·2	77·4	77·2	78·0	78·1	76·0	74·2	74·8
	25	73·6	74·2	74·2	74·5	74·6	75·4	74·9	74·4	75·7	75·4	75·2	75·6	76·0	75·7	75·2	75·2	75·4	75·2	75·0	76·2	76·8	75·9	76·1	75·9	75·3
	26	75·9	75·9	75·9	75·9	75·8	75·2	74·0	74·0	73·2	73·2	73·2	73·4	73·6	73·5	74·0	75·2	77·2	77·2	76·2	75·2	76·4	76·7	75·2	73·4	75·0
	27	73·1	72·8	72·9	73·2	72·9	72·3	71·8	71·5	71·3	71·5	71·7	71·8	71·8	71·3	72·3	73·2	74·2	74·2	74·0	73·2	74·2	74·2	73·8	74·5	72·8
	28	73·9	74·0	73·9	73·8	73·7	74·0	73·4	73·2	73·2	73·2	73·2	73·1	73·0	72·3	72·9	74·2	75·4	75·2	76·2	76·2	77·2	76·2	75·4	75·5	74·3
	29	74·7	74·3	74·3	74·2	74·0	73·7	74·2	74·0	73·4	73·3	73·2	73·2	73·2	73·5	74 2	75 0	75·7	76·2	76·8	78·2	77·9	77·2	76·5	77·0	74·9
	30	76·2	75·6	75·4	75·2	75·3	74·4	74·4	74·2	73·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	31	—	—	—	—	—	—	—	—	—	73·7	74·2	74·7	75·2	75·2	76·0	77·0	78·2	79·0	79·2	80·0	79·2	79·4	79·2	77·7	76·3
	Means	76·2	75·9	75·9	75·7	76·0	75·8	75·8	75·5	75·2	75·1	75·0	74·9	74·7	74·4	74·8	75·7	76·3	76·7	76·7	77·0	77·2	77·1	76·7	76·5	75·9

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

WET THERMOMETER, STANDARD No. 8

(Corrected to the Kew Observatory Standard Thermometer)

	Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
	Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
NOVEMBER 1858		°	°	°	°	°	°	°	°	°	° *	°	° *	°	°	°	°	°	°	°	°	°	°	°	°	°
	1	76·2	76·2	75·7	76·0	75·8	75·7	75·2	75·2	75·2	74·8	74·4	74·3	74 2	74·0	74·7	76·9	77·2	77·2	77·2	77·8	78·0	75·6	78·2	77·6	76·0
	2	75·2	74·6	74·6	74·4	74·6	75·0	75·2	74·9	74·6	74·4	74·2	73·9	73·5	73·8	74·2	75·4	76·0	76·0	76·2	75·2	75·2	75·4	76·0	75·5	74·9
	3	74·0	73·6	72·5	72·5	72 3	72·8	73·2	73·4	73·4	72·9	72·4	72·1	71·7	71·5	71·5	72·5	74·7	76·2	76·2	76·4	76·5	76·4	73·6	73·4	73·6
	4	73·6	73·5	73·4	73·2	73·4	74·0	74·4	74·8	71·5	72·9	74·4	74·3	74·2	73·2	73·2	74·0	75·2	76·0	75·2	74·7	76·2	77·2	78·3	77·6	74·5
	5	76·6	74·2	75·4	74·9	75·2	75·2	75·2	75·1	76·2	75·7	75·2	75·0	74·7	75·2	76·2	77·2	78·2	79·0	79·0	79·2	79·2	79·2	78·4	78·0	76·6
	6	77·2	77·0	76·5	76·4	76·4	76·2	76·0	76·2	76·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	7	—	—	—	—	—	—	—	—	—	74·7	73·2	73·3	73·4	73·2	74·0	75·2	77·0	78·2	78·2	77·2	76·7	76·6	76·2	76·0	75·9
	8	74·7	74·4	73·6	73·6	73·6	73·4	73·4	73·2	73·2	73·2	73·2	73·1	73·0	73·1	73·2	74·2	74·4	74·2	74·0	73·7	74·7	76·2	75·6	71·8	73·8
	9	71·3	70·6	70·4	70·4	70·1	70·3	70·3	71·5	71·8	71·7	71·6	71·0	70·3	68·3	67·5	70·8	70·3	71·3	71·4	73·7	72·8	72·3	72·0	71·2	71·0
	10	71·3	71·0	71·0	71·0	71·0	71·3	71·3	71·5	72·5	72·3	72·1	72·1	72·0	72·8	73·4	74·2	75·2	76·2	76·7	76·9	78·4	76·2	75·4	75·3	73·4
	11	74·7	74·3	74·3	74·0	74·2	73·9	73·2	73·2	74·2	73·7	73·2	73·3	73·4	73·0	72·5	72·9	73·2	73·2	74·0	73·2	73·9	74·0	73·2	72·2	73·5
	12	71·5	71·1	71·1	71·1	70·5	70·8	70·3	70·3	72·3	71·3	70·3	69·3	68·3	68·3	68·6	70·8	72·1	73·1	73·2	72·8	73·2	73·2	71·8	72·5	71·2
	13	72·0	72·2	72·2	72·2	72·2	72·8	73·4	73·2	73·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	14	—	—	—	—	—	—	—	—	—	74·3	75·4	75·6	75·7	75·2	74·3	73·4	74·0	74·4	74·2	74·5	75·2	75·2	74·4	73·4	73·9
	15	74·0	71·3	71·5	71·7	71·9	71·5	71·9	71·5	71·3	71·5	71·7	72·0	72 3	72·3	73·7	74·0	73·7	74·0	72·3	73·2	73·0	73·2	73·9	74·7	72·6
	16	73·8	73·9	73·1	72·7	70·8	71·0	71·5	70·8	70·5	70·6	70·8	71·3	71·8	72·3	73·4	73·4	74·0	74·2	75·0	75·2	75·2	74·2	73·7	73·2	72·8
	17	73·2	73·2	73·2	73·2	73·3	72·7	72·3	73·2	74·4	74·0	73·6	73·9	74·2	73·9	73·7	74·0	74·2	75·2	75·7	75·7	75·2	75·8	75·4	74·8	74·1
	18	74·4	74·2	74·2	73·8	74·9	74·6	74·9	75·1	75·2	74·9	74·7	75·0	75·2	74·2	74·2	74·6	75·2	76·2	76·2	76·2	76·4	75·2	75·0	75·2	75·0
	19	75·2	74·2	74·2	74·1	73·9	73·4	73·4	74·4	74·4	74 3	74·2	74·0	73·7	73·2	73·5	73·4	73·9	74·0	74·2	74·2	73·0	73·2	73·2	73·0	73·8
	20	71·8	71·3	72·5	72·2	72·6	71·1	71·3	72·5	73·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	21	—	—	—	—	—	—	—	—	—	73·5	73·2	73·6	73·9	74·2	74·2	75·5	74·8	76·2	76·2	76·4	77·2	77·7	76·7	76·7	74·1
	22	76·2	75·4	75·2	75·5	75·4	75·2	74·4	74·4	74·4	74·5	74·7	74·6	74·4	74·2	75·0	75·2	77·4	78·0	78·2	75·0	77·2	78·2	77·4	77·5	75·7
	23	76·4	76·2	76·2	75·7	75·8	76·2	75·9	75·2	74·2	74·3	74·5	74·9	75·2	75·2	73·3	74·4	75·2	77·2	78·2	77·7	78·2	78·2	77·2	77·0	75·9
	24	76·6	76·2	76·2	76·1	76·0	76·2	75·9	75·4	75·2	74·9	74·7	74·5	74·2	75·0	75·8	76·0	76·2	77·2	77·2	78·2	78·2	78·2	77·7	75·2	76·1
	25	74·7	75·2	75·2	75·3	76·2	75·4	75·2	75·7	75·2	75·2	75·2	75·1	75·0	75·0	75·2	75·2	74·7	76·0	76·9	77·4	78·2	77·4	76·1	75·4	75·7
	26	75·2	74·4	74·8	75·0	74·7	74·2	73·9	73·4	73·3	72·8	72·3	72·3	72·3	72·5	72·3	72·4	73·2	74·2	76·2	75·2	75·7	75·9	74·7	74·4	74·0
	27	74·2	74·2	74·2	73·2	73·1	73·2	73·1	73·2	73·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	28	—	—	—	—	—	—	—	—	—	70·1	67·0	66·7	66·3	66·7	69·0	67·3	69·5	70·3	71·3	72·1	72·9	72·1	72·3	71·3	71·1
	29	72·1	71·6	70·1	70·3	70·3	70·8	70·3	70·5	71·3	70·8	70·3	71·1	71·8	71·5	71·3	72·3	73·1	73·6	74·2	74·2	74·2	74·4	73·3	73·1	71·9
	30	72·7	72·6	72·7	72·7	73·0	73·2	73·4	72·9	71·3	71·1	71·0	71·4	71·8	70·8	70·6	70·5	71·5	73·4	73·4	74·4	75·2	75·0	74·9	73·3	72·6
	31																									
	Means	74·2	73·7	73·6	73·5	73·5	73·5	73·4	73·5	73·5	73·2	73·0	73·0	72·9	72·8	73·0	73·7	74·4	75·2	75·4	75·4	75·8	75·6	75·2	74·6	74·0
DECEMBER 1858																										
	1	74·2	73·4	73·4	73·5	73·5	74·2	74·2	73·9	72·3	71·8 *	71·3	71·3 *	71·3	70·8	71·0	72·0	73·4	74·2	75·0	74·6	74·2	74·2	75·4	73·3	73·2
	2	73·7	72·5	72·5	72·5	72·5	72·3	72·3	72·1	71·8	71·5	71·3	71·3	71·2	71·1	71·3	72·5	73·2	73·4	73·2	73·2	73·6	72·3	71·8	71·6	72·3
	3	71·9	72·1	72·1	72·1	72·3	71·9	71·7	71·3	70·3	69·8	69·3	69·2	69·0	69·3	69·6	71·3	72·3	71·5	70·8	70·5	71·3	71·7	71·8	70·3	71·0
	4	69·0	69·3	69·1	69·1	69·1	69·3	69·3	69·3	68·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	5	—	—	—	—	—	—	—	—	—	67·1	65·9	66·0	66·1	66·1	65·8	67·3	68·3	68·3	64·6	64·4	64·9	64·4	65·1	65·1	67·1
	6	65·4	65·4	66·1	65·4	65·0	65·4	65·4	64·9	64·4	64·3	64·2	64·4	64·5	64·9	64·4	66·4	66·4	68·0	68·3	69 0	70·5	68·8	68·1	68·6	66·2
	7	68·5	68·6	68·4	68·5	68·5	69·3	69·3	69·3	69·3	68·8	68·3	68 2	68·1	67·3	67·3	67·3	69·3	70·3	70·3	71·3	72·3	72·3	71·5	70·6	69·3
	8	70·3	70·9	70·9	71·0	71·1	71·3	71·3	72·3	71·3	71·3	71·3	71·3	71·3	71·3	71·5	72·0	71·8 *	71·1	72·3	70·8	71·5	71·8	70·5	70·6	71·3
	9	70·3	69·6	69·6	69·6	69·5	70·5	70·5	70·5	71·3	71·1	71·0	70·3	69·5	70·0	70 3	70·1	68·8	69·8	69·3	69·3	69·3	69·5	69·3	70·5	70·0
	10	69·8	69·3	69·0	68·9	68·6	68·3	67·8	67·3	67·3	67·2	67·1	67·0	66·8	66·2	66·8	68·0	66·4	68·3	68·3	68·5	69·3	69·9	70·1	68·5	68·1
	11	68·3	68·0	67·7	67·4	67·3	66·9	68·3	68·3	68·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	12	—	—	—	—	—	—	—	—	—	68·2	68·1	68·1	68 0	67·3	67·3	66·4	67·8	69·3	69·7	70·5	70·8	69·9	69·4	68·3	68·3
	13	68·3	67·2	67·3	67·2	66·6	66·4	66·4	66·9	66·7	66·9	67·2	67·1	67·0	66·7	66·4	67·5	68·1	67·9	69·0	67·4	69·0	68·3	67·6	67·4	67·4
	14	66·7	66·6	66·4	66·4	66·6	66·4	66·6	66·4	66·4	66·6	66·8	67·7	68·5	68·5	68·0	68·8	70·3	71·3	70·3	70·5	70·3	70·3	70·5	70·3	68·2
	15	70·5	70·4	69·9	69·8	69·3	69·5	69·3	69·3	68·8	68·5	68·3	68·3	68·3	68·5	68·8	69·2	70·3	69·3	69·3	68·5	69·3	69·3	69·3	69·0	69·2
	16	68·3	68·3	67·6	67·6	67·8	68·3	68·1	67·8	67·5	67·7	67·9	68·1	68·3	68·3	67·3	68·1	69·3	70·3	70·3	70·8	71·3	71·3	71·0	70·2	68·8
	17	69·0	69·5	69·3	69·3	69·3	68·8	68·5	68·3	67·3	66·9	66·5	66·7	66·8	66·3	66·6	68·3	69·4	71·3	72·3	71·3	71·5	72·0	71·3	71·5	69·1
	18	71·5	71·3	71·3	71·1	70·3	69·5	69·2	69·3	69·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	19	—	—	—	—	—	—	—	—	—	69·5	69·7	69·5	69·3	69·5	68·3	70 3	71·5	71·5	72·5	72·3	72·9	71·8	71·5	70·7	70·6
	20	70·8	70·8	70·8	70·6	70·6	70·3	70·3	70·3	70·2	70·1	70·0	69·6	69·1	68·5	68·8	70·1	71·5	72·8	70·5	71·2	72·2	72·3	71·9	71·3	70·6
	21	70·5	70·6	70·6	70·6	70·6	70·3	70·3	70·1	69·1	68·6	68·1	68·2	68·3	68·5	69·3	70·3	71·3	72·5	73·2	73·4	73·6	72·3	72·5	71·5	70·6
	22	71·9	70·7	70·4	70·1	70·1	70·3	70·3	70·1	69·8	69·5	69·3	68·7	68·1	66·4	67·3	67·8	69·3	70·3	70·8	71·2	71·8	71·0	70·0	70·8	69·8
	23	68·3	68·5	69·0	69·3	69·5	69·3	68·3	68·1	67 3	66·8	66·4	66·4	66·4	66·2	65·9	66·4	67·3	67·5	67·8	68·3	69·0	69·2	68·5	68·3	67·8
	24	68·3	68·3	68·3	68·3	67·5	67·8	67·7	67·8	68·3	67·7	67·1	66·8	66·4	66·2	66·4	68·1	66·4	67·3	67·3	68·2	69·1	69·3	69·3	69·3	67·8
	25	69·3	69·3	69·1	69·3	69·5	69·5	69·5	69·5	69·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	26	—	—	—	—	—	—	—	—	—	68·8	68·3	67·9	67·5	67·3	67·2	69·0	69·5	70·3	70·5	70·3	70·4	69·6	68·8	68·4	69·1
	27	68.4	68·1	68·0	68·3	68·1	68·1	67·8	68·3	68·1	67·9	67·8	67·6	67·3	67·3	67·3	68·8	70·1	70·3	70·8	71·8	71·1	70·5	70·4	70·4	68·9
	28	70·4	69·7	69·5	69.3	69·3	69·2	68·8	68·3	68·3	67·8	67·3	66·9	66·4	66·4	65·6	67·8	69·0	69·3	69·5	70·3	70·3	70·3	70·4	70·3	68·8
	29	70·0	69·3	69·3	69·3	69·0	69·0	68·6	68·5	68·3	68·2	68·1	67·7	67·3	67·3	67·3	68·1	69·5	70·7	70·3	70·3	70·5	70·3	70·3	70·2	69·1
	30	69·6	68·8	69·3	68·6	68·3	68·3	68·1	67·8	67·3	66·8	66·4	66 4	66·4	66·2	66·1	67·0	68·3	68·9	71·0	70·2	70·3	70·3	69·4	69·1	68·3
	31	69·0	68·2	68·0	68·3	68·3	68·5	68·0	67·7	67·3	67·3	67·3	67·2	67·1	66·6	66·4	67·2	68·3	69·5	71·1	70·8	71·1	71·3	70·8	69·8	68·5
	Means	69·7	69·4	69·4	69·3	69·2	69·2	69·1	69·0	68·7	68·4	68·2	68·1	67·9	67·7	67·7	68·7	69·5	70·2	70·3	70·3	70·8	70·5	70·2	69·8	69·2

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR

HUMIDITY OF THE AIR—JANUARY 1858

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	·69	·74	·73	·74	·76	·76	·82	·85	·86	*·89	·92	*·92	·93	·93	·89	·85	·80	·76	·73	·71	·67	·71	·71	·72	0·795
2	·72	·77	·81	·84	·85	·89	·91	·93	·92	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	—	·92	·92	·90	·88	·89	·90	·89	·83	·77	·72	·75	·62	·62	·61	·63	·812
4	·66	·68	·72	·70	·77	·81	·84	·90	·87	·88	·89	·89	·90	·90	·93	·88	·77	·66	·63	·63	·57	·59	·61	·63	·763
5	·65	·67	·70	·68	·59	·65	·64	·64	·60	·61	·62	·64	·66	·73	·69	·65	·62	·58	·58	·57	·53	·60	·57	·58	·627
6	·62	·67	·69	·65	·66	·70	·71	·71	·66	·71	·76	·73	·70	·73	·77	·63	·57	·57	·62	·56	·53	·54	·54	·56	·650
7	·58	·61	·65	·65	·65	·72	·77	·80	·79	·81	·83	·80	·78	·79	·80	·65	·56	·55	·53	·51	·49	·53	·54	·54	·664
8	·52	·57	·59	·59	·59	·57	·61	·64	·65	·65	·65	·63	·61	·64	·71	·75	·67	·69	·58	·50	·49	·49	·55	·57	·605
9	·59	·64	·66	·67	·70	·81	·84	·85	·86	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	·85	·83	·82	·82	·84	·76	·75	·74	·73	·67	·70	·69	·69	·68	·70	·745
11	·71	·77	·77	·76	·75	·79	·78	·76	·78	·79	·80	·82	·85	·87	·90	·88	·88	·83	·79	·73	·70	·69	·69	·73	·784
12	·74	·78	·80	·81	·82	·86	·85	·88	·88	·91	·93	·92	·92	·92	·90	·86	·70	·66	·65	·67	·67	·67	·64	·67	·796
13	·69	·70	·75	·74	·75	·73	·75	·74	·82	·87	·91	·90	·90	·91	·89	·85	·70	·68	·66	·63	·64	64	·65	·64	·756
14	·68	·70	·75	·75	·76	·75	·76	·75	·74	·80	·85	·89	·93	·94	·90	·86	·79	·70	·73	·72	·65	·66	·66	·72	·768
15	·73	·73	·77	·79	·83	·86	·89	·92	·89	·90	·91	·91	·91	·92	·94	·86	·79	·73	·66	·63	·66	·66	·65	·67	·800
16	·68	·71	·78	·84	·85	·88	·87	·86	·90	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	—	—	·91	·91	·90	·90	·89	·91	·90	·82	·76	·70	·67	·68	·68	·69	·69	·807
18	·71	·75	·77	·79	·80	·86	·88	·90	·91	·92	·93	·92	92	·95	·93	·89	·83	·75	·70	·70	·66	·65	·66	·69	·811
19	·72	·72	·76	·78	·85	·88	·90	·90	·93	·93	·92	·93	·94	·93	·93	·88	·77	·74	·66	·63	·63	·64	·64	·63	·802
20	·65	·68	·73	·78	·82	·85	·87	·90	·88	·90	·91	·92	·94	·92	·93	·98	·83	·76	·69	·63	·66	·65	·67	·66	·800
21	·68	·72	·73	·73	·75	·76	·79	·84	·86	·88	·90	·91	·92	·93	·92	·77	·79	·72	·68	·66	·61	65	·66	·66	·772
22	·67	·73	·80	·82	·86	·87	·87	·88	·92	·92	·91	·90	·89	·92	·93	·92	·86	·79	·73	·76	·70	·68	·69	·70	·822
23	·74	·77	·79	·81	·82	·84	·84	·83	·89	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	—	·89	·88	·89	·90	·89	·90	·84	·80	·71	·67	·65	·66	·67	·63	·65	·790
25	·69	·73	·76	·78	·78	·77	·78	·78	·80	·83	·86	·89	·92	·91	·90	·85	·76	·70	·66	·63	·64	·62	·63	·65	·763
26	·66	·68	·72	·74	·75	·74	·80	·82	·85	·90	·94	·92	·91	·90	·92	·84	·71	·68	·65	·65	·67	·65	·63	·63	·765
27	·67	·63	·64	·66	·68	·69	·68	·70	·77	·84	·90	·92	·95	·93	·90	·81	·69	·65	·56	·54	·56	·53	·56	·56	·709
28	·59	·65	·65	·69	·71	·73	·79	·87	·91	·89	·87	·91	·95	·94	·89	·83	·76	·61	·62	·63	·63	·65	·66	·64	·753
29	·62	·66	·71	·71	·72	·75	·82	·86	·87	·88	·89	·89	·90	·92	·90	·88	·79	·71	·67	·61	·59	·60	·60	·60	·756
30	·66	·72	·76	·76	·75	·75	·73	·72	·72	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
31	—	—	—	—	—	—	—	—	—	·80	·88	·87	·87	·87	·88	·85	·77	·69	·68	·64	·60	·60	·60	·64	·742
Means	·666	·699	·730	·741	·755	·780	·800	·817	·828	·849	·866	·867	·873	·881	·878	·831	·754	·699	·662	·643	·623	·629	·632	·645	·756

TENSION OF VAPOUR—JANUARY 1858

	In.	In.	In.	In.	In.	In.	In.	In.	In.	*In.	In.	*In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·623	0·649	0·621	0·628	0·641	0·652	0.670	0·671	0·678	0·673	0·667	0·668	0·669	0·658	0·631	0·639	0·666	0·682	0·697	0 689	0·665	0·694	0·697	0·680	0·663
2	·668	·684	·681	·694	·679	·684	·670	·666	·649	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	—	·624	·598	·588	·578	·577	·582	·640	·683	·696	·679	·691	·633	·603	·580	·582	·642
4	·596	·590	·607	·587	·612	·617	·621	·635	·598	·600	·601	·591	·582	·582	·570	·609	·624	·595	·582	·582	·546	·562	·564	·585	·593
5	·595	·583	·586	·572	·493	·527	·522	·526	·502	·501	·500	·509	·519	·543	·538	·533	·534	·531	·546	·545	·520	·577	·542	·551	·537
6	·565	·585	·585	·544	·549	·564	·571	·563	·539	·561	·583	·565	·547	·545	·549	·523	·527	·542	·575	·546	·529	·523	·512	·531	·551
7	·523	·524	·550	·535	·523	·552	·566	·572	·585	·600	·614	·588	·562	·552	·571	·494	·500	·500	·498	·496	·472	·495	·498	·484	·536
8	·460	·487	·492	·492	·488	·471	·497	·509	·513	·513	·512	·500	·488	·493	·525	·581	·576	·620	·564	·502	·496	·492	·546	·542	·515
9	·543	·553	·556	·554	·568	·598	·602	·602	·596	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	·655	·713	·712	·711	·725	·694	·668	·675	·671	·664	·704	·711	·693	·672	·682	·647
11	·669	·698	·684	·667	·660	·678	·676	·653	·660	·670	·680	·693	·706	·725	·729	·737	·751	·729	·747	·740	·725	·693	·693	·714	·699
12	·706	·695	·698	·695	·694	·700	·671	·659	·648	·648	·647	·633	·619	·629	·625	·630	·603	·596	·611	·635	·637	·634	·626	·642	·649
13	·637	·625	·645	·634	·640	·623	·630	·633	·664	·665	·665	·649	·633	·641	·625	·651	·623	·645	·620	·630	·641	·644	·644	·630	·639
14	·629	·643	·648	·649	·643	·634	·640	·629	·621	·645	·668	·668	·669	·651	·634	·669	·679	·682	·722	·716	·681	·675	·685	·680	·661
15	·673	·664	·665	·673	·685	·684	·685	·681	·662	·652	·642	·639	·637	·629	·650	·654	·651	·689	·640	·623	·656	·667	·642	·662	·659
16	·625	·631	·656	·659	·633	·640	·614	·595	·604	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	—	—	·593	·582	·572	·563	·557	·558	·603	·622	·648	·610	·623	·629	·644	·651	·637	·615
18	·641	·643	·633	·629	·618	·610	·592	·591	·576	·571	·566	·562	·559	·556	·543	·599	·645	·640	·630	·653	·618	·620	·621	·636	·606
19	·649	·626	·627	·632	·639	·630	·625	·625	·631	·625	·618	·613	·608	·594	·605	·606	·624	·644	·624	·612	·612	·619	·619	·611	·622
20	·610	·608	·614	·613	·617	·619	·616	·617	·598	·587	·576	·583	·590	·571	·569	·625	·653	·651	·631	·619	·635	·638	·657	·638	·614
21	·644	·635	·612	·595	·600	·603	·611	·625	·617	·613	·608	·608	·608	·605	·595	·552	·657	·662	·669	·677	·660	·704	·708	·680	·631
22	·659	·684	·685	·687	·704	·706	·706	·700	·684	·664	·644	·633	·622	·629	·629	·663	·702	·715	·708	·764	·725	·704	·692	·699	·684
23	·709	·689	·678	·684	·685	·690	·681	·671	·685	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	—	·643	·600	·596	·592	·579	·583	·608	·664	·654	·652	·636	·659	·679	·639	·652	·650
25	·676	·675	·652	·658	·637	·628	·637	·632	·636	·630	·623	·630	·638	·606	·603	·629	·639	·658	·649	·638	·657	·646	648	·642	·640
26	·628	·621	·615	·620	·627	·624	·665	·672	·681	·677	·673	·652	·631	·628	·639	·641	·623	·648	·637	·663	·694	·661	·633	·624	·645
27	·640	·562	·555	·556	·561	·560	·546	·543	·569	·576	·582	·578	·575	·556	·547	·564	·565	·591	·542	·538	·567	·547	·555	·551	·564
28	·569	·600	·572	·595	·610	·623	·652	·664	·666	·640	·614	·625	·636	·612	·611	·594	·625	·574	·616	·642	·624	·652	·656	·626	·621
29	·603	·614	·614	·606	·604	·624	·663	·635	·614	·604	·593	·582	·571	·568	·562	·618	·645	·643	·635	·608	·602	·606	·599	·600	·609
30	·624	·657	·654	·654	·648	·646	·633	·626	·622	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
31	—	—	—	—	—	—	—	—	—	·640	·657	·625	·593	·595	·611	·646	·655	·622	·643	·649	·618	·618	·616	·643	·633
Means	0·622	·624	·622	·620	·618	·623	·625	·623	·619	·618	·616	·610	·604	·600	·599	·614	·631	·636	·630	·632	·624	·627	·623	·623	0·620

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR.

HUMIDITY OF THE AIR—FEBRUARY 1858

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·66	0·73	0·79	0·83	0·90	0·90	0·87	0·89	0·91	0·93*	0·95	0·94*	0·94	0·89	0·93	0·91	0·82	0·78	0·70	0·66	0·62	0·55	0·60	0·60	0·804
2	·66	·71	·83	·85	·88	·90	·90	·90	·91	·93	·95	·94	·94	·94	·92	·90	·77	·64	·54	·47	·43	·49	·53	·61	·773
3	·66	·71	·81	·86	·90	·90	·91	·90	·92	·92	·91	·94	·98	·94	·95	·94	·89	·76	·70	·65	·66	·60	·60	·65	·819
4	·72	·78	·83	·83	·84	·84	·84	·89	·91	·92	·92	·93	·95	·96	·95	·91	·83	·73	·65	·63	·61	·59	·61	·63	·804
5	·67	·75	·74	·79	·80	·82	·82	·81	·81	·86	·90	·89	·88	·89	·90	·79	·73	·68	·58	·55	·58	·57	·60	·62	·751
6	·65	·69	·71	·75	·77	·79	·80	·81	·83	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	—	·88	·92	·91	·91	·93	·95	·91	·84	·77	·69	·69	·68	·73	·71	·75	·795
8	·80	·82	·81	·81	·83	·86	·85	·86	·85	·90	·95	·96	·97	·93	·94	·91	·83	·75	·59	·67	·70	·68	·70	·68	·819
9	·70	·76	·78	·81	·83	·82	·84	·91	·90	·90	·89	·91	·93	·93	·94	·88	·80	·70	·67	·67	·65	·68	·66	·66	·801
10	·69	·74	·78	·79	·79	·84	·85	·89	·88	·86	·84	·89	·94	·93	·93	·90	·78	·68	·67	·65	·65	·63	·66	·67	·789
11	·68	·75	·83	·82	·81	·82	·84	·85	·85	·89	·93	·93	·93	·95	·94	·91	·83	·71	·68	·66	·69	·69	·68	·71	·807
12	·71	·76	·81	·81	·86	·87	·87	·87	·89	·92	·94	·93	·93	·94	·95	·89	·82	·72	·69	·67	·65	·62	·61	·64	·807
13	·71	·76	·79	·78	·82	·82	·84	·84	·84	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	·88	·91	·92	·94	·94	·94	·85	·78	·71	·67	·63	·65	·66	·67	·69	·793
15	·71	·74	·77	·78	·77	·79	·80	·81	·83	·83	·83	·85	·88	·86	·90	·86	·77	·66	·64	·67	·65	·64	·65	·62	·763
16	·63	·62	·59	·63	·63	·65	·67	·68	·68	·68	·67	·75	·83	·81	·81	·69	·60	·56	·59	·55	·58	·58	·60	·60	·653
17	·60	·59	·63	·60	·60	·60	·62	·63	·62	·64	·65	·69	·74	·80	·82	·74	·68	·57	·52	·53	·53	·53	·54	·55	·626
18	·58	·61	·63	·61	·63	·62	·63	·65	·65	·72	·78	·84	·90	·87	·88	·77	·67	·59	·58	·56	·53	·53	·54	·52	·662
19	·54	·60	·65	·68	·68	·74	·77	·81	·88	·88	·88	·89	·90	·90	·89	·79	·70	·63	·59	·60	·60	·60	·58	·61	·725
20	·66	·68	·69	·72	·73	·74	·75	·75	·77	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	—	·83	·89	·89	·89	·89	·89	·87	·77	·75	·71	·70	·69	·67	·68	·70	·763
22	·72	·73	·74	·75	·75	·79	·80	·80	·82	·81	·79	·83	·87	·91	·91	·77	·72	·66	·63	·62	·64	·61	·66	·69	·751
23	·71	·75	·75	·77	·79	·81	·81	·87	·91	·92	·93	·93	·94	·93	·92	·89	·81	·67	·62	·61	·60	·61	·63	·63	·784
24	·66	·70	·74	·76	·76	·76	·77	·82	·80	·84	·88	·92	·96	·90	·90	·82	·76	·67	·67	·63	·61	·60	·62	·63	·758
25	·65	·70	·73	·74	·75	·75	·76	·81	·78	·82	·86	·88	·90	·92	·90	·79	·71	·66	·63	·63	·63	·62	·63	·66	·746
26	·67	·71	·78	·81	·84	·79	·79	·82	·87	·88	·88	·90	·92	·92	·90	·90	·76	·69	·66	·61	·62	·67	·67	·66	·780
27	·68	·70	·76	·77	·82	·80	·81	·83	·83	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	·89	·95	·94	·93	·92	·91	·84	·77	·69	·65	·62	·62	·63	·65	·68	·779
Means	0·672	·712	·749	·765	·782	·792	·800	·821	·831	·855	·875	·892	·912	·908	·911	·851	·768	·685	·638	·622	·620	·616	·628	·644	0·765

TENSION OF VAPOUR—FEBRUARY 1858

	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.*	In.	In.*	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·636	0·658	0·672	0·673	0·672	0·642	0·616	0·610	0·602	0·598	0·594	0·585	0·577	0·523	0·534	0·588	0·600	0·658	0·646	0·637	0·621	0·575	0·612	0·615	0·614
2	·641	·655	·680	·648	·639	·639	·613	·585	·584	·589	·594	·583	·572	·558	·543	·603	·584	·562	·530	·494	·467	·528	·564	·644	·587
3	·671	·659	·697	·692	·684	·650	·643	·629	·639	·624	·609	·625	·642	·592	·653	·673	·688	·673	·675	·682	·700	·656	·637	·670	·657
4	·705	·724	·723	·710	·707	·696	·687	·692	·681	·659	·636	·644	·652	·621	·614	·649	·689	·684	·633	·625	·627	·607	·623	·624	·663
5	·659	·691	·617	·617	·601	·601	·595	·582	·573	·578	·582	·571	·560	·557	·567	·574	·595	·624	·571	·576	·618	·613	·640	·652	·601
6	·658	·645	·640	·658	·672	·678	·673	·670	·688	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	—	·725	·762	·751	·741	·742	·758	·782	·817	·821	·766	·771	·777	·816	·800	·831	·735
8	·836	·825	·786	·786	·793	·794	·779	·786	·774	·784	·793	·772	·751	·705	·736	·754	·762	·762	·633	·731	·769	·741	·760	·733	·764
9	·734	·745	·725	·737	·732	·723	·735	·782	·779	·770	·761	·705	·650	·641	·669	·681	·693	·690	·686	·709	·714	·713	·704	·706	·716
10	·717	·717	·716	·707	·696	·702	·694	·690	·674	·651	·628	·639	·651	·650	·641	·687	·676	·666	·686	·702	·709	·693	·731	·715	·685
11	·714	·733	·734	·727	·724	·723	·720	·718	·718	·705	·692	·682	·672	·675	·673	·728	·744	·713	·717	·738	·765	·780	·769	·774	·722
12	·763	·759	·752	·740	·773	·754	·749	·750	·753	·745	·737	·721	·706	·699	·721	·744	·748	·734	·755	·758	·770	·741	·727	·733	·743
13	·761	·766	·759	·748	·759	·750	·762	·757	·740	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	·725	·710	·714	·719	·718	·731	·717	·725	·724	·722	·698	·723	·733	·740	·742	·735
15	·746	·740	·736	·734	·728	·732	·734	·729	·738	·728	·717	·701	·685	·659	·669	·709	·710	·689	·674	·696	·701	·697	·693	·672	·709
16	·648	·605	·557	·579	·569	·573	·578	·579	·580	·570	·559	·567	·575	·560	·560	·583	·552	·546	·583	·576	·603	·608	·620	·620	·581
17	·608	·573	·576	·549	·540	·535	·542	·546	·537	·542	·546	·545	·544	·557	·566	·578	·600	·562	·519	·566	·566	·561	·578	·575	·559
18	·587	·574	·561	·541	·545	·540	·543	·547	·553	·572	·590	·596	·603	·574	·559	·569	·575	·577	·591	·577	·546	·547	·564	·520	·565
19	·535	·567	·576	·583	·581	·601	·574	·564	·596	·585	·574	·562	·550	·547	·558	·557	·586	·584	·570	·612	·625	·610	·609	·631	·581
20	·649	·644	·630	·640	·639	·641	·642	·644	·651	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	—	·706	·761	·734	·707	·704	·721	·749	·748	·762	·763	·782	·768	·736	·739	·740	·704
22	·751	·739	·716	·716	·719	·735	·734	·729	·735	·719	·702	·701	·701	·710	·710	·700	·705	·694	·673	·690	·711	·686	·710	·742	·714
23	·746	·735	·722	·726	·728	·732	·724	·708	·718	·713	·708	·693	·679	·658	·668	·701	·731	·665	·657	·666	·659	·678	·693	·695	·700
24	·703	·703	·705	·709	·700	·698	·690	·696	·681	·683	·685	·684	·684	·623	·624	·669	·693	·688	·696	·694	·691	·682	·690	·698	·686
25	·682	·701	·688	·685	·686	·681	·673	·701	·675	·667	·659	·658	·657	·651	·628	·647	·672	·674	·680	·693	·700	·711	·714	·731	·680
26	·722	·721	·745	·742	·748	·702	·697	·707	·699	·690	·681	·677	·674	·668	·664	·685	·648	·716	·704	·662	·697	·737	·722	·726	·701
27	·731	·720	·733	·725	·759	·734	·740	·738	·707	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	·739	·771	·745	·720	·703	·689	·740	·760	·748	·728	·723	·723	·735	·750	·763	·734
Means	0·692	·692	·685	·682	·683	·677	·672	·672	·670	·669	·669	·661	·653	·637	·644	·669	·679	·676	·661	·669	·677	·674	·683	·690	0·672

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR.

HUMIDITY OF THE AIR—MARCH 1858

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·66	0·69	0·74	0·76	0·77	0·77	0·80	0·86	0·89	*0·91	0·93	*0·94	0·95	0·94	0·91	0·83	0·72	0·66	0·59	0·63	0·65	0·66	0·69	0·70	0·777
2	·71	·74	·76	·76	·76	·79	·80	·81	·85	·86	·87	·89	·91	·91	·90	·79	·75	·71	·61	·67	·64	·62	·66	·70	·770
3	·70	·75	·77	·76	·76	·79	·82	·82	·82	·86	·89	·89	·90	·91	·91	·83	·74	·70	·68	·65	·65	·63	·62	·66	·771
4	·68	·71	·75	·76	·77	·79	·81	·82	·84	·89	·93	·92	·91	·89	·89	·86	·76	·68	·63	·59	·59	·62	·61	·64	·764
5	·68	·69	·75	·77	·76	·81	·82	·82	·80	·83	·85	·87	·90	·93	·91	·82	·79	·69	·66	·68	·63	·64	·65	·68	·768
6	·68	·76	·79	·80	·82	·83	·83	·84	·89	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	—	·88	·86	·86	·86	·92	·91	·87	·78	·69	·68	·66	·64	·68	·67	·70	·788
8	·72	·73	·76	·77	·78	·79	·80	·80	·86	·89	·91	·91	·91	·92	·91	·81	·76	·69	·65	·63	·64	·61	·62	·62	·770
9	·66	·70	·74	·77	·79	·80	·82	·82	·87	·87	·86	·88	·91	·90	·91	·83	·76	·68	·67	·67	·68	·67	·65	·66	·774
10	·67	·69	·75	·77	·79	·77	·78	·79	·85	·86	·86	·88	·91	·92	·89	·80	·69	·62	·63	·62	·61	·62	·63	·64	·752
11	·63	·69	·77	·77	·77	·78	·79	·80	·83	·86	·88	·89	·91	·90	·90	·82	·77	·71	·70	·72	·69	·69	·66	·69	·776
12	·71	·74	·77	·78	·83	·84	·89	·91	·89	·90	·91	·93	·95	·94	·91	·88	·77	·70	·54	·61	·57	·46	·50	·52	·769
13	·57	·64	·73	·78	·83	·85	·86	·86	·87	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	·89	·90	·90	·91	·91	·91	·85	·76	·71	·66	·64	·64	·64	·66	·67	·777
15	·67	·73	·78	·81	·85	·85	·86	·90	·90	·91	·91	·92	·93	·93	·91	·88	·77	·72	·67	·65	·62	·60	·61	·65	·793
16	·69	·73	·79	·80	·82	·83	·79	·85	·90	·92	·93	·93	·93	·93	·92	·87	·79	·64	·58	·62	·64	·61	·67	·72	·788
17	·74	·77	·80	·80	·82	·82	·83	·85	·85	·88	·90	·92	·94	·95	·93	·82	·72	·64	·67	·64	·60	·64	·66	·67	·786
18	·70	·75	·78	·81	·80	·82	·82	·86	·87	·90	·92	·93	·95	·95	·91	·85	·73	·64	·63	·65	·59	·62	·63	·65	·782
19	·64	·69	·74	·74	·76	·77	·77	·79	·82	·84	·85	·87	·89	·92	·89	·83	·73	·63	·62	·64	·62	·60	·64	·65	·748
20	·67	·70	·74	·74	·76	·79	·81	·87	·90	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	—	·91	·91	·94	·97	·95	·91	·83	·78	·70	·61	·61	·61	·61	·64	·66	·776
22	·70	·74	·79	·82	·82	·83	·85	·85	·87	·87	·87	·89	·91	·92	·93	·85	·77	·65	·60	·58	·61	·60	·63	·67	·776
23	·68	·71	·78	·79	·79	·80	·83	·86	·83	·86	·89	·91	·94	·93	·91	·86	·71	·65	·65	·60	·61	·63	·63	·65	·771
24	·68	·72	·78	·79	·78	·80	·83	·83	·87	·89	·90	·92	·94	·93	·92	·86	·78	·68	·62	·63	·65	·63	·63	·63	·779
25	·65	·70	·72	·77	·82	·83	·87	·91	·87	·89	·90	·92	·95	·93	·91	·84	·77	·65	·67	·58	·62	·67	·68	·68	·783
26	·70	·75	·79	·82	·81	·83	·85	·85	·89	·90	·91	·93	·95	·93	·92	·88	·78	·73	·69	·64	·63	·64	·65	·69	·799
27	·71	·77	·80	·79	·81	·81	·83	·83	·87	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	·89	·91	·91	·91	·91	·87	·84	·78	·72	·66	·62	·59	·64	·63	·65	·781
29	·69	·74	·78	·79	·80	·76	·80	·81	·85	·87	·88	·89	·91	·92	·91	·85	·78	·64	·58	·61	·63	·63	·65	·66	·768
30	·72	·73	·78	·80	·80	·81	·82	·84	·86	·90	·93	·91	·90	·90	·89	·81	·72	·62	·56	·63	·66	·63	·65	·68	·773
31	·71	·76	·77	·79	·79	·81	·83	·82	·86	·88	·90	·91	·92	·92	·87	·83	·73	·65	·60	·62	·60	·63	·66	·65	·771
Means	0·682	·723	·767	·782	·795	·806	·823	·840	·862	·882	·895	·906	·921	·923	·906	·840	·755	·674	·634	·633	·626	·627	6·40	·661	0·775

TENSION OF VAPOUR—MARCH 1858

	In.	In.	In.	In.	In.	In.	In.	In.	In.	*In.	In.	*In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·734	0·715	0·732	0·741	0·741	0·731	0·739	0·768	0·769	0·768	0·767	0·766	0·765	0·750	0·741	0·759	0·726	0·736	0·725	0·780	0·793	0·785	0·800	0·807	0·756
2	·786	·775	·756	·751	·739	·769	·766	·775	·778	·775	·771	·765	·759	·754	·753	·749	·770	·801	·737	·821	·775	·764	·798	·797	·770
3	·769	·780	·762	·744	·738	·769	·782	·782	·783	·783	·783	·781	·780	·764	·776	·786	·773	·803	·820	·807	·755	·745	·739	·766	·774
4	·763	·759	·747	·738	·743	·754	·765	·761	·763	·764	·765	·752	·740	·733	·741	·746	·744	·741	·733	·705	·718	·760	·736	·754	·747
5	·758	·715	·735	·736	·723	·754	·736	·736	·712	·693	·673	·680	·687	·685	·689	·715	·769	·737	·738	·783	·745	·752	·756	·777	·729
6	·752	·791	·773	·765	·758	·760	·762	·758	·767	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	—	·729	·691	·685	·680	·701	·688	·771	·764	·742	·783	·784	·752	·786	·787	·781	·750
8	·783	·753	·753	·739	·738	·745	·745	·734	·747	·742	·736	·724	·712	·712	·708	·707	·738	·715	·730	·722	·748	·727	·717	·716	·733
9	·726	·715	·715	·723	·726	·724	·731	·728	·737	·696	·655	·659	·664	·664	·671	·695	·720	·720	·741	·755	·763	·765	·751	·742	·716
10	·736	·723	·723	·721	·727	·710	·710	·713	·701	·692	·682	·678	·675	·659	·665	·685	·671	·645	·693	·711	·691	·729	·734	·724	·700
11	·695	·715	·746	·744	·739	·745	·745	·744	·739	·733	·727	·730	·734	·704	·708	·736	·756	·746	·804	·836	·825	·824	·790	·818	·753
12	·824	·799	·773	·772	·773	·779	·776	·754	·712	·701	·689	·693	·698	·730	·736	·765	·743	·739	·637	·741	·723	·602	·613	·657	·726
13	·676	·725	·748	·756	·761	·761	·744	·716	·723	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	·737	·750	·742	·734	·736	·759	·778	·789	·793	·762	·761	·783	·784	·807	·788	·755
15	·758	·780	·789	·788	·797	·773	·747	·760	·752	·731	·710	·710	·711	·707	·712	·756	·776	·777	·764	·755	·739	·727	·737	·775	·751
16	·775	·780	·792	·788	·790	·786	·751	·766	·780	·783	·785	·783	·781	·778	·771	·803	·823	·754	·727	·772	·809	·771	·815	·862	·784
17	·852	·819	·814	·801	·713	·812	·816	·814	·792	·786	·780	·774	·769	·771	·782	·798	·778	·789	·815	·804	·762	·804	·823	·808	·799
18	·814	·816	·811	·811	·794	·797	·784	·796	·791	·783	·775	·770	·765	·746	·760	·805	·782	·730	·744	·781	·716	·741	·748	·761	·776
19	·750	·746	·759	·732	·742	·742	·743	·747	·744	·738	·731	·720	·709	·706	·719	·750	·753	·699	·727	·746	·738	·734	·766	·757	·737
20	·764	·748	·742	·732	·736	·750	·754	·749	·757	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	—	·746	·734	·738	·742	·717	·715	·739	·796	·793	·736	·741	·764	·769	·821	·832	·755
22	·841	·826	·828	·827	·818	·814	·819	·813	·817	·794	·771	·775	·779	·775	·801	·812	·819	·779	·735	·753	·793	·793	·812	·839	·801
23	·830	·814	·823	·814	·806	·802	·814	·817	·762	·773	·784	·787	·790	·781	·782	·850	·780	·780	·801	·790	·800	·812	·821	·830	·802
24	·838	·834	·839	·826	·819	·810	·812	·789	·773	·765	·757	·763	·769	·760	·784	·828	·827	·791	·786	·825	·864	·868	·843	·836	·809
25	·833	·826	·779	·801	·822	·816	·803	·793	·763	·760	·757	·773	·790	·760	·779	·811	·820	·761	·843	·753	·798	·843	·853	·847	·799
26	·849	·828	·834	·833	·809	·816	·817	·805	·811	·807	·803	·798	·793	·772	·783	·809	·824	·837	·850	·804	·803	·823	·834	·852	·816
27	·837	·846	·832	·801	·792	·794	·796	·786	·800	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	·817	·834	·835	·837	·837	·848	·866	·853	·856	·840	·822	·790	·832	·816	·831	·825
29	·848	·837	·828	·828	·829	·893	·802	·816	·830	·820	·809	·798	·788	·798	·810	·730	·857	·783	·759	·798	·841	·822	·834	·832	·816
30	·846	·834	·845	·841	·834	·833	·837	·843	·851	·861	·870	·838	·807	·801	·809	·846	·835	·781	·770	·843	·873	·844	·862	·875	·837
31	·864	·866	·847	·853	·850	·862	·868	·859	·865	·873	·881	·866	·851	·833	·827	·864	·837	·841	·801	·824	·816	·853	·873	·836	·850
Means	0·789	·784	·782	·778	·776	·778	·776	·775	·771	·765	·758	·755	·752	·746	·752	·780	·782	·766	·763	·778	·777	·780	·788	·796	0·773

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR.

HUMIDITY OF THE AIR—APRIL 1858

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·68	0·75	0·77	0·80	0·80	0·80	0·82	0·82	0·84	*0·87	0·90	*0·90	0·90	0·89	0·86	0·79	0·70	0·68	0·67	0·64	0·58	0·59	0·60	0·63	0·762
2	·68	·72	·77	·80	·80	·81	·82	·84	·83	·86	·89	·90	·91	·91	·91	·85	·80	·71	·63	·55	·53	·47	·57	·65	·759
3	·68	·74	·77	·76	·76	·78	·81	·82	·85	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	·89	·92	·93	·94	·97	·90	·84	·75	·69	·60	·61	·64	·61	·65	·65	·773
5	·68	·71	·77	·79	·79	·85	·85	·92	·91	·93	·94	·92	·91	·91	·89	·82	·73	·65	·65	·65	·62	·65	·63	·64	·784
6	·68	·74	·77	·78	·80	·82	·82	·82	·80	·82	·83	·85	·87	·89	·84	·84	·78	·68	·64	·59	·56	·53	·45	·48	·737
7	·53	·66	·75	·79	·81	·83	·84	·85	·87	·88	·88	·89	·90	·92	·91	·83	·74	·66	·65	·64	·66	·63	·65	·62	·766
8	·66	·74	·78	·80	·81	·83	·84	·87	·92	·92	·92	·92	·92	·93	·93	·85	·74	·62	·52	·58	·58	·57	·58	·56	·766
9	·63	·71	·77	·82	·84	·86	·89	·91	·94	·94	·94	·94	·95	·92	·91	·75	·64	·57	·53	·47	·50	·52	·53	·55	·751
10	·60	·70	·75	·79	·80	·76	·76	·76	·77	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	·81	·84	·85	·87	·88	·84	·76	·67	·57	·53	·49	·58	·63	·67	·74	·726
12	·79	·84	·86	·87	·84	·84	·84	·86	·87	·87	·87	·88	·90	·88	·86	·77	·67	·61	·60	·62	·66	·68	·72	·74	·789
13	·76	·83	·86	·87	·88	·89	·92	·92	·92	·91	·90	·88	·87	·86	·84	·76	·66	·63	·62	·63	·63	·66	·68	·72	·796
14	·75	·81	·84	·85	·87	·87	·87	·88	·88	·88	·87	·89	·91	·92	·88	·79	·72	·69	·69	·66	·62	·61	·64	·69	·795
15	·72	·77	·82	·85	·84	·85	·87	·90	·91	·93	·95	·94	·94	·93	·90	·81	·69	·65	·67	·64	·66	·65	64	·67	·800
16	·71	·77	·81	·84	·85	·84	·86	·88	·91	·92	·93	·94	·96	·90	·92	·81	·69	·71	·68	·63	·61	·59	·63	·71	·796
17	·70	·77	·82	·82	·84	·85	·84	·84	·86	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	·89	·92	·94	·97	·92	·88	·77	·67	·64	·64	·63	·63	·63	·62	·65	·781
19	·70	·75	·78	·81	·83	·84	·85	·84	·90	·91	·91	·91	·91	·90	·88	·76	·68	·57	·56	·52	·55	·57	·59	·60	·755
20	·63	·70	·75	·79	·82	·82	·81	·83	·86	·88	·90	·90	·91	·89	·84	·77	·68	·62	·53	·54	·57	·57	·54	·59	·739
21	·66	·71	·74	·78	·79	·80	·83	·86	·91	·91	·90	·90	·91	·92	·88	·79	·69	·64	·62	·61	·60	·60	·59	·59	·760
22	·61	·71	·76	·79	·82	·82	·85	·86	·89	·91	·92	·92	·93	·91	·88	·79	·71	·64	·61	·61	·58	·60	·62	·66	·767
23	·72	·75	·80	·80	·83	·82	·84	·84	·78	·83	·87	·87	·87	·92	·88	·76	·66	·62	·61	·58	·60	·55	·57	·61	·749
24	·66	·69	·77	·80	·82	·82	·84	·85	·86	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	·87	·88	·89	·90	·89	·87	·74	·72	·62	·64	·63	·62	·63	·64	·67	·763
26	·72	·76	·78	·82	·82	·82	·82	·84	·87	·88	·88	·91	·94	·92	·86	·81	·69	·69	·64	·62	·60	·60	·65	.66	·775
27	·69	·74	·78	·77	·77	·77	·78	·84	·84	·87	·89	·89	·90	·90	·79	·73	·71	·69	·65	·66	·66	·66	·67	·67	·763
28	·68	·74	·76	·77	·76	·77	·79	·82	·83	·84	·84	·84	·84	·87	·86	·81	·77	·77	·79	·78	·82	·84	·87	·86	·805
29	·83	·85	·84	·85	·84	·84	·86	·87	·87	·87	·86	·90	·94	·92	·92	·87	·84	·73	·71	·68	·70	·68	·71	·70	·820
30	·72	·79	·82	·83	·84	·86	·90	·93	·91	·92	·92	·92	·92	·92	·84	·92	·84	·75	.72	·74	·71	·70	·71	·71	·827
31																									
Means	0·687	·748	·788	·809	·818	·825	·839	·857	·869	·885	·895	·901	·911	·907	·876	·800	·717	·658	·631	·615	·618	·616	·632	·655	0·773

TENSION OF VAPOUR—APRIL 1858

	In.	In.	In.	In.	In.	In.	In.	In.	In.	*In.	In.	*In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·845	0·861	0·852	0·865	0·865	0·859	0·860	0·851	0·849	0·853	0·856	0·838	0·820	0·789	0·795	0·837	0·826	0·846	0·867	0·852	0·779	0·787	0·792	0·802	0·835
2	·825	·806	·819	·838	·825	·833	·821	·841	·815	·811	·806	·795	·785	·761	·782	·814	·830	·813	·813	·754	·781	·711	·773	·841	·804
3	·839	·830	·819	·797	·792	·799	·812	·784	·765	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	·805	·844	·855	·867	·878	·862	·878	·888	·871	·829	·820	·858	·851	·864	·839	·835
5	·847	·814	·849	·861	·847	·888	·886	·893	·885	·885	·884	·861	·838	·803	·852	·918	·865	·862	·878	·896	·863	·880	·863	·862	·866
6	·875	·876	·880	·860	·876	·861	·859	·850	·825	·820	·815	·821	·827	·820	·818	·860	·866	·851	·875	·884	·860	·811	·694	·719	·838
7	·740	·818	·867	·883	·865	·863	·842	·833	·825	·806	·787	·793	·799	·798	·841	·886	·875	·850	·872	·894	·908	·872	·896	·832	·844
8	·839	·876	·887	·889	·890	·892	·889	·889	·878	·863	·847	·843	·839	·849	·882	·904	·881	·824	·752	·849	·835	·836	·827	·798	·857
9	·825	·870	·891	·909	·923	·932	·952	·945	·927	·923	·918	·893	·869	·847	·864	·829	·804	·802	·814	·779	·798	·824	·844	·843	·868
10	·843	·871	·900	·920	·922	·881	·866	·853	·849	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	·883	·916	·912	·909	·934	·939	·938	·918	·871	·850	·824	·895	·919	·945	·990	·898
12	1·002	·994	·994	1·000	·972	·963	·957	·980	·969	·955	·940	·951	·962	·944	·954	·942	·905	·890	·908	·915	·946	·968	·969	·981	·957
13	0·966	·991	·983	0·974	·975	·984	·992	·987	·984	·966	·947	·928	·909	·884	·876	·876	·869	·884	·904	·894	·888	·938	·939	·938	·936
14	·955	·951	·945	·938	·944	·940	·940	·944	·944	·942	·940	·936	·932	·913	·926	·907	·909	·910	·937	·928	·883	·860	·889	·918	·926
15	·914	·906	·915	·925	·914	·913	·924	·934	·927	·926	·925	·905	·886	·875	·901	·920	·879	·866	·902	·899	·917	·904	·869	·898	·906
16	·920	·913	·913	·918	·921	·900	·905	·913	·920	·915	·909	·902	·896	·854	·928	·926	·864	·918	·925	·893	·860	·819	·867	·903	·900
17	·891	·927	·921	·906	·920	·912	·901	·902	·908	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	·916	·923	·915	·907	·868	·911	·942	·867	·869	·890	·894	·917	·884	·889	·904	·903
19	·915	·921	·908	·917	·922	·915	·912	·900	·910	·901	·891	·877	·864	·845	·882	·875	·847	·773	·798	·751	·792	·800	·837	·821	·866
20	·827	·860	·857	·885	·839	·879	·868	·868	·876	·874	·872	·868	·864	·838	·843	·886	·833	·824	·792	·789	·808	·800	·778	·817	·846
21	·859	·864	·844	·855	·850	·861	·861	·873	·858	·839	·820	·803	·786	·804	·820	·891	·855	·866	·853	·864	·860	·856	·840	·819	·846
22	·805	·856	·861	·881	·889	·883	·889	·890	·897	·881	·865	·850	·836	·809	·842	·871	·862	·852	·849	·851	·830	·842	·863	·894	·860
23	·921	·919	·899	·883	·892	·879	·880	·873	·813	·819	·825	·817	·810	·833	·868	·877	·814	·826	·852	·823	·830	·781	·800	·838	·849
24	·857	·849	·880	·889	·904	·894	·900	·904	·891	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	·920	·948	·939	·931	·897	·909	·906	·897	·861	·906	·915	·908	·894	·907	·936	·902
26	·942	·952	·918	·929	·923	·918	·913	·923	·940	·942	·944	·931	·918	·922	·937	·939	·912	·942	·893	·890	·877	·867	·926	·931	·922
27	·922	·927	·931	·893	·878	·892	·888	·908	·902	·916	·929	·922	·916	·893	·901	·903	·908	·910	·926	·928	·928	·929	·951	·935	·914
28	·928	·928	·928	·912	·906	·908	·932	·931	·944	·941	·937	·918	·900	·903	·918	·922	·911	·884	·902	·921	·970	·962	·938	·940	·924
29	·926	·913	·905	·903	·897	·908	·905	·909	·904	·899	·893	·888	·884	·895	·894	·859	·900	·916	·926	·875	·915	·907	·945	·922	·904
30	·943	·943	·927	·930	·928	·912	·931	·940	·920	·925	·930	·921	·913	·894	·900	·895	·898	·918	·927	·961	·925	·921	·942	·948	·925
31																									
Means	0·883	·894	·896	·898	·897	·895	·896	·897	·889	·889	·889	·880	·872	·860	·879	·892	·872	·865	·871	·867	·870	·862	·871	·880	0·882

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR

HUMIDITY OF THE AIR—MAY 1858

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·70	0·75	0·81	0·80	0·81	0·80	0·83	0·86	0·91	* —	—	* —	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	0·91	0·90	0·92	0·95	0·94	0·91	0·83	0·77	0·69	0·67	0·65	0·67	0·63	0·60	0·65	0·790
3	·67	·73	·80	·79	·80	·80	·80	·84	·85	·90	·94	·93	·92	·89	·84	·80	·80	·91	·92	·91	·92	·86	·80	·88	·846
4	·85	·86	·87	·86	·88	·85	·84	·86	·87	·90	·93	·90	·88	·89	·93	·92	·94	1·00	·93	·97	·99	·99	·98	·95	·910
5	·94	·93	·93	·93	·91	·91	·91	·91	·91	·92	·93	·96	·99	·92	·91	·85	·83	0·80	·78	·76	·77	·78	·83	·83	·881
6	·78	·79	·87	·90	·92	·91	·92	·94	·94	·94	·94	·92	·91	·92	·90	·86	·79	·77	·73	·73	·67	·69	·71	·76	·842
7	·76	·76	·80	·84	·85	·88	·89	·92	·94	·93	·92	·94	·96	·94	·85	·77	·72	·66	·62	·60	·62	·67	·67	·68	·800
8	·70	·77	·81	·83	·83	·83	·88	·89	·91	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	·90	·89	·91	·94	·83	·83	·82	·82	·77	·75	·72	·71	·64	·64	·65	·803
10	·75	·82	·88	·84	·87	·88	·91	·93	·92	·92	·92	·93	·94	·95	·88	·82	·79	·76	·65	·60	·59	·57	·68	·72	·813
11	·72	·79	·83	·86	·87	·88	·88	·83	·84	·88	·92	·88	·85	·82	·79	·70	·64	·59	·54	·61	·65	·64	·66	·66	·764
12	·71	·76	·79	·79	·80	·79	·82	·82	·85	·89	·92	·91	·90	·87	·81	·78	·73	·71	·60	·67	·68	·72	·73	·72	·782
13	·75	·77	·77	·77	·79	·80	·82	·84	·89	·89	·88	·89	·91	·84	·82	·71	·68	·63	·64	·65	·65	·63	·64	·69	·765
14	·74	·76	·82	·82	·82	·82	·84	·84	·85	·87	·88	·93	·99	·96	·82	·72	·70	·62	·58	·67	·65	·65	·65	·67	·778
15	·69	·67	·75	·79	·80	·82	·83	·84	·86	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	·72	·57	·60	·64	·66	·65	·66	·57	·61	·50	·51	·48	·49	·44	·43	·649
17	·44	·50	·54	·67	·78	·82	·84	·84	·84	·85	·86	·87	·89	·86	·82	·72	·75	·73	·71	·65	·60	·62	·59	·60	·725
18	·61	·62	·87	·85	·85	·79	·80	·79	·79	·81	·83	·82	·81	·82	·85	·91	·86	·78	·74	·67	·66	·64	·63	·68	·770
19	·71	·67	·69	·70	·75	·76	·79	·82	·84	·82	·80	·81	·82	·81	·80	·71	·67	·56	·54	·52	·49	·51	·48	·47	·689
20	·53	·49	·53	·54	·57	·61	·63	·61	·63	·71	·78	·77	·76	·87	·87	·73	·63	·59	·54	·50	·50	·47	·47	·47	·617
21	·45	·60	·71	·78	·79	·80	·81	·80	·80	·82	·83	·84	·86	·83	·78	·72	·66	·59	·55	·52	·50	·51	·48	·62	·694
22	·68	·74	·76	·80	·81	·82	·82	·84	·86	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	·86	·86	·83	·81	·75	·62	·54	·50	·47	·45	·42	·41	·40	·36	·49	·663
24	·59	·68	·74	·76	·78	·84	·82	·81	·81	·80	·78	·79	·80	·80	·71	·65	·54	·50	·47	·44	·40	·38	·38	·48	·656
25	·58	·58	·68	·75	·80	·80	·81	·80	·82	·81	·79	·77	·76	·74	·67	·57	·51	·48	·49	·46	·40	·40	·53	·52	·647
26	·56	·66	·77	·79	·82	·80	·78	·84	·84	·87	·90	·84	·79	·73	·68	·60	·54	·52	·48	·46	·43	·41	·60	·63	·681
27	·68	·72	·72	·78	·80	·76	·74	·76	·75	·78	·81	·84	·88	·88	·84	·70	·56	·60	·50	·48	·40	·44	·57	·62	·692
28	·64	·70	·75	·77	·79	·82	·81	·82	·82	·85	·88	·88	·89	·85	·78	·68	·57	·51	·43	·41	·43	·51	·61	·60	·700
29	·61	·68	·78	·79	·80	·80	·84	·83	·82	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	·83	·84	·84	·85	·84	·78	·65	·53	·45	·43	·41	·43	·48	·48	·59	·683
31	·60	·63	·69	·70	·69	·74	·76	·80	·80	·81	·82	·81	·80	·79	·70	·57	·49	·46	·41	·41	·39	·34	·36	·47	·627
Means	0.671	·709	·768	·789	·807	·813	·824	·834	·845	·853	·858	·859	·865	·846	·802	·730	·677	·645	·602	·592	·580	·580	·599	·636	0·741

TENSION OF VAPOUR—MAY 1858

	In.	In.	In.	In.	In.	In.	In.	In.	In.	* In.	In.	* In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·895	0·912	0·920	0·899	0·901	0·891	0·898	0·899	0·914	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	0·902	0·890	0·896	0·902	0·889	0·905	0·898	0·915	0·896	0·901	0·881	0·905	0·827	0·842	0·886	0·894
3	·888	·891	·891	·879	·873	·861	·859	·876	·873	·893	·912	·902	·893	·871	·878	·861	·830	·895	·893	·865	·895	·851	·838	·895	·878
4	·866	·870	·871	·864	·879	·857	·844	·850	·853	·854	·855	·841	·828	·859	·914	·895	·949	·944	·855	·921	·942	·936	·880	·843	·878
5	·839	·826	·814	·811	·803	·788	·782	·783	·783	·793	·802	·809	·817	·792	·805	·805	·816	·859	·868	·900	·878	·890	·902	·919	·829
6	·896	·886	·897	·908	·904	·891	·893	·910	·898	·885	·872	·863	·855	·873	·910	·880	·887	·908	·895	·927	·906	·930	·947	·966	·899
7	·946	·905	·911	·932	·934	·942	·952	·953	·973	·957	·941	·937	·933	·898	·888	·854	·872	·873	·879	·883	·920	·938	·924	·913	·919
8	·920	·922	·926	·935	·930	·929	·942	·940	·946	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	·916	·886	·887	·889	·786	·814	·841	·894	·913	·916	·929	·950	·865	·867	·879	·901
10	·932	·949	·948	·902	·906	·913	·921	·914	·900	·897	·893	·895	·898	·896	·911	·931	·961	1·000	·895	·851	·887	·920	·967	·994	·920
11	1·010	·998	·990	·996	·974	·973	·974	·892	·870	·882	·893	·870	·848	·812	·828	·813	·818	0·819	·768	·879	·928	·924	·953	·938	·902
12	0·937	·942	·920	·897	·890	·887	·909	·906	·904	·930	·955	·933	·911	·881	·856	·904	·906	·951	·865	·935	·942	·899	·899	·906	·911
13	·914	·920	·880	·858	·851	·859	·865	·865	·870	·863	·856	·860	·864	·817	·836	·857	·861	·875	·891	·911	·953	·885	·893	·930	·876
14	·937	·937	·934	·926	·918	·912	·933	·925	·934	·908	·882	·925	·968	·938	·880	·840	·853	·823	·830	·938	·883	·877	·898	·931	·905
15	·933	·875	·895	·907	·915	·925	·929	·931	·936	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	·804	·672	·698	·724	·731	·752	·791	·732	·851	·770	·777	·804	·780	·765	·736	·818
17	·739	·777	·790	·871	·824	·859	·872	·842	·842	·859	·876	·898	·920	·879	·850	·785	·816	·859	·865	·834	·838	·849	·841	·853	·843
18	·859	·828	·832	·819	·822	·806	·816	·821	·800	·820	·840	·836	·833	·824	·832	·866	·890	·908	·906	·890	·916	·910	·916	·909	·854
19	·918	·839	·849	·835	·841	·822	·829	·854	·872	·838	·803	·796	·790	·775	·783	·798	·800	·706	·735	·767	·738	·773	·755	·724	·802
20	·782	·693	·703	·687	·708	·738	·734	·705	·701	·756	·810	·788	·766	·859	·879	·831	·803	·812	·780	·770	·798	·792	·779	·787	·769
21	·758	·817	·889	·918	·907	·918	·922	·902	·891	·880	·868	·864	·861	·814	·802	·834	·844	·826	·820	·793	·815	·830	·807	·884	·853
22	·890	·899	·896	·919	·922	·925	·919	·932	·936	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	·913	·890	·861	·833	·762	·691	·665	·666	·656	·662	·676	·687	·713	·669	·825	·809
24	·837	·885	·897	·900	·899	·931	·915	·898	·892	·864	·835	·832	·830	·831	·831	·842	·754	·731	·726	·718	·689	·701	·724	·828	·825
25	·848	·832	·853	·903	·928	·918	·928	·908	·894	·876	·857	·835	·814	·789	·751	·700	·673	·706	·765	·770	·711	·721	·813	·794	·816
26	·818	·856	·912	·923	·924	·917	·911	·926	·921	·933	·945	·873	·801	·753	·763	·740	·721	·739	·709	·744	·726	·716	·843	·836	·831
27	·872	·859	·777	·850	·860	·809	·785	·791	·784	·801	·817	·849	·882	·882	·878	·861	·744	·842	·767	·759	·679	·739	·856	·852	·816
28	·830	·856	·876	·885	·899	·923	·922	·926	·926	·919	·912	·906	·900	·845	·852	·835	·757	·764	·668	·686	·734	·800	·903	·879	·850
29	·851	·883	·927	·911	·916	·915	·933	·923	·903	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	·899	·894	·886	·879	·873	·883	·841	·757	·691	·705	·692	·734	·787	·820	·867	·849
31	·854	·865	·890	·876	·846	·867	·876	·902	·889	·880	·870	·857	·844	·828	·855	·762	·701	·711	·694	·723	·707	·626	·660	·776	·807
Means	0·876	·874	·880	·885	·884	·884	·887	·884	·881	·874	·866	·861	·857	·837	·840	·828	·816	·829	·809	·824	·829	·826	·845	·867	0·856

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR

HUMIDITY OF THE AIR—JUNE 1858

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·50	0·59	0·73	0·76	0·78	0·79	0·80	0·79	0·79	0·78*	0·77	0·76*	0·75	0·58	0·54	0·53	0·49	0·46	0·42	0·41	0·47	0·51	0·53	0·57	0·629
2	·62	·67	·77	·76	·76	·76	·76	·80	·77	·79	·80	·78	·77	·67	·59	·56	·51	·45	·45	·42	·40	·37	·53	·59	·640
3	·81	·84	·83	·85	·82	·82	·81	·84	·84	·87	·89	·87	·86	·84	·84	·77	·65	·61	·54	·53	·50	·46	·44	·52	·735
4	·63	·65	·69	·66	·62	·77	·77	·81	·84	·82	·80	·81	·82	·83	·83	·78	·66	·58	·52	·48	·43	·39	·33	·32	·660
5	·51	·68	·76	·77	·77	·80	·79	·79	·81	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	·84	·87	·87	·87	·73	·61	·52	·43	·43	·36	·33	·33	·40	·42	·46	·631
7	·51	·57	·68	·72	·72	·77	·78	·79	·78	·82	·86	·86	·87	·79	·60	·49	·45	·42	·39	·37	·37	·37	·34	·49	·617
8	·52	·55	·60	·62	·69	·71	·74	·77	·79	·81	·82	·84	·86	·86	·82	·73	·63	·50	·46	·43	·44	·52	·57	·61	·662
9	·61	·64	·73	·76	·79	·80	·80	·81	·79	·81	·82	·81	·80	·83	·80	·75	·61	·53	·48	·42	·50	·50	·52	·56	·686
10	·58	·60	·69	·77	·82	·82	·80	·80	·79	·77	·75	·78	·82	·79	·70	·58	·53	·49	·46	·42	·40	·45	·47	·56	·652
11	·61	·68	·77	·82	·82	·78	·78	·77	·77	·77	·77	·78	·79	·80	·70	·58	·53	·50	·44	·42	·46	·50	·52	·56	·663
12	·63	·67	·72	·73	·75	·76	·77	·76	·77	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	·77	·77	·76	·76	·77	·70	·63	·53	·50	·46	·41	·41	·53	·55	·53	·652
14	·58	·64	·75	·81	·79	·79	·81	·80	·81	·81	·80	·81	·83	·80	·70	·59	·52	·50	·46	·44	·42	·42	·57	·56	·667
15	·59	·71	·79	·79	·80	·83	·82	·82	·86	·86	·85	·83	·82	·82	·82	·76	·67	·62	·60	·62	·65	·64	·65	·66	·745
16	·69	·76	·76	·76	·76	·78	·78	·80	·83	·81	·78	·78	·79	·75	·77	·74	·66	·62	·58	·52	·52	·48	·61	·64	·707
17	·61	·69	·69	·72	·96	·92	·89	·87	·87	·89	·90	·87	·85	·89	·86	·82	·75	·64	·60	·57	·56	·53	·58	·51	·752
18	·70	·67	·72	·79	·94	·98	·95	·93	·92	·91	·90	·88	·87	·86	·80	·71	·63	·61	·57	·55	·53	·50	·49	·50	·746
19	·66	·73	·81	·81	·81	·79	·82	·83	·83	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	·79	·75	·76	·77	·76	·72	·61	·57	·56	·51	·50	·47	·44	·43	·44	·674
21	·61	·69	·78	·86	·84	·82	·79	·78	·80	·80	·80	·81	·82	·74	·67	·63	·63	·59	·53	·47	·46	·47	·50	·52	·684
22	·70	·75	·69	·77	·80	·80	·82	·84	·76	·75	·73	·70	·68	·69	·67	·64	·56	·53	·50	·47	·48	·47	·47	·61	·662
23	·65	·77	·80	·80	·80	·80	·78	·77	·77	·80	·82	·81	·80	·78	·72	·59	·54	·54	·49	·46	·41	·40	·42	·59	·671
24	·67	·68	·75	·80	·79	·80	·80	·79	·80	·77	·74	·76	·78	·76	·67	·58	·53	·47	·42	·45	·43	·44	·42	·52	·651
25	·55	·61	·73	·75	·76	·77	·78	·78	·75	·75	·74	·68	·63	·62	·60	·53	·48	·45	·45	·42	·36	·34	·45	·50	·603
26	·57	·66	·76	·78	·78	·80	·80	·78	·78	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	·78	·78	·79	·80	·84	·73	·65	·57	·49	·49	·51	·54	·52	·55	·58	·680
28	·62	·67	·75	·77	·79	·78	·78	·82	·84	·83	·82	·82	·82	·85	·76	·68	·58	·52	·48	·44	·40	·37	·49	·59	·678
29	·63	·66	·75	·78	·81	·83	·84	·83	·85	·84	·82	·82	·83	·75	·75	·65	·54	·50	·47	·43	·43	·39	·52	·54	·677
30	·60	·65	·74	·76	·74	·73	·73	·77	·77	·79	·80	·80	·80	·84	·73	·67	·58	·53	·47	·45	·53	·55	·59	·58	·675
Means	·614	·672	·740	·768	·789	·800	·800	·805	·807	·809	·806	·802	·802	·778	·719	·645	·570	·525	·485	·459	·458	·460	·498	·539	·673

TENSION OF VAPOUR—JUNE 1858

	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.*	In.	In.*	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·765	0·817	0·869	0·880	0·885	0·887	0·889	0·864	0·857	0·853	0·848	0·825	0·803	0·649	0·660	0·714	0·710	0·705	0·684	0·695	0·756	0·788	0·806	0·826	0·793
2	·843	·852	·910	·879	·877	·869	·858	·889	·849	·857	·865	·857	·849	·758	·730	·742	·749	·719	·747	·753	·767	·755	·867	·841	·820
3	·848	·878	·902	·924	·885	·894	·890	·900	·902	·894	·885	·873	·862	·844	·870	·886	·865	·847	·778	·815	·791	·785	·752	·832	·858
4	·877	·870	·865	·757	·716	·848	·850	·852	·844	·828	·811	·808	·806	·827	·854	·878	·850	·834	·811	·767	·708	·660	·574	·563	·794
5	·805	·922	·905	·888	·889	·910	·893	·877	·877	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	·879	·881	·871	·861	·731	·669	·650	·595	·605	·568	·567	·566	·658	·682	·730	·770
7	·807	·803	·822	·835	·824	·825	·852	·857	·822	·842	·861	·836	·812	·749	·652	·617	·616	·624	·634	·642	·683	·679	·679	·766	·756
8	·747	·733	·729	·742	·785	·800	·830	·848	·856	·865	·873	·886	·899	·876	·888	·885	·827	·768	·757	·735	·768	·810	·829	·852	·816
9	·850	·834	·865	·876	·886	·899	·887	·890	·858	·857	·856	·847	·838	·863	·889	·895	·876	·813	·789	·756	·823	·831	·846	·867	·854
10	·865	·848	·882	·921	·955	·930	·917	·913	·893	·853	·813	·836	·859	·833	·820	·780	·771	·766	·775	·747	·744	·771	·813	·868	·841
11	·902	·931	·941	·968	·973	·927	·927	·908	·886	·882	·878	·869	·861	·830	·803	·803	·795	·801	·768	·747	·783	·829	·858	·899	·865
12	·950	·951	·922	·917	·926	·914	·908	·906	·906	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	·892	·878	·859	·840	·836	·852	·818	·784	·808	·802	·784	·802	·874	·876	·851	·869
14	·863	·886	·926	·954	·945	·933	·951	·939	·926	·912	·897	·897	·898	·866	·854	·826	·808	·828	·811	·798	·787	·806	·906	·894	·880
15	·826	·897	·945	·946	·947	·960	·936	·895	·902	·906	·910	·890	·870	·850	·879	·876	·850	·823	·842	·861	·898	·890	·887	·879	·890
16	·867	·908	·879	·877	·877	·888	·882	·889	·898	·876	·854	·851	·848	·802	·819	·841	·838	·830	·836	·810	·810	·797	·879	·881	·856
17	·837	·875	·862	·862	·936	·894	·886	·859	·853	·871	·888	·873	·858	·880	·893	·895	·897	·867	·841	·833	·860	·842	·857	·823	·868
18	·912	·864	·862	·905	·930	·915	·903	·893	·900	·894	·888	·874	·861	·845	·825	·821	·806	·820	·802	·796	·812	·800	·778	·793	·854
19	·891	·902	·923	·911	·914	·886	·903	·898	·899	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	·863	·826	·825	·825	·791	·793	·755	·761	·771	·749	·768	·758	·766	·753	·752	·828
21	·873	·904	·931	·961	·939	·913	·883	·872	·865	·857	·849	·854	·859	·770	·736	·739	·794	·781	·758	·727	·745	·782	·806	·818	·834
22	·936	·943	·847	·893	·917	·891	·873	·870	·824	·816	·808	·775	·742	·724	·725	·778	·737	·739	·729	·727	·755	·758	·767	·829	·808
23	·834	·903	·919	·899	·890	·897	·866	·850	·850	·844	·837	·806	·775	·747	·762	·731	·735	·760	·737	·737	·695	·701	·750	·826	·806
24	·844	·848	·883	·913	·901	·889	·889	·871	·861	·822	·783	·776	·769	·757	·777	·755	·732	·700	·683	·732	·737	·764	·760	·789	·801
25	·767	·786	·860	·867	·876	·880	·883	·871	·829	·820	·811	·766	·721	·681	·688	·676	·655	·661	·689	·675	·651	·623	·742	·753	·760
26	·816	·875	·924	·905	·891	·891	·882	·858	·853	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	·849	·845	·838	·831	·858	·851	·833	·803	·737	·767	·806	·842	·810	·851	·866	·845
28	·890	·898	·928	·915	·923	·911	·904	·923	·944	·920	·895	·894	·894	·916	·853	·846	·811	·802	·787	·765	·730	·727	·845	·870	·866
29	·885	·890	·938	·950	·958	·960	·964	·928	·935	·945	·955	·926	·898	·808	·828	·833	·768	·745	·757	·703	·733	·705	·834	·843	·862
30	·878	·901	·912	·932	·899	·864	·859	·878	·886	·888	·890	·881	·873	·878	·837	·851	·818	·794	·757	·767	·819	·846	·866	·857	·860
Means	·853	·874	·890	·895	·898	·895	·891	·885	·876	·869	·861	·850	·839	·807	·800	·797	·779	·767	·756	·751	·762	·771	·802	·822	·833

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

HUMIDITY OF THE AIR AND TENSION OF THE ATOMSPHERIC VAPOUR

HUMIDITY OF THE AIR—JULY 1858

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·62	0·71	0·78	0·81	0·79	0·84	0·86	0·86	0·84	*0·85	0·85	*0·83	0·81	0·81	0·75	0·68	0·57	0·52	0·47	0·43	0·43	0·52	0·56	0·59	0·699
2	·58	·66	·74	·75	·79	·74	·77	·82	·87	·86	·85	·85	·85	·86	·86	·86	·80	·74	·66	·59	·58	·57	·53	·52	·738
3	·53	·65	·75	·77	·79	·80	·80	·80	·79	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	·86	·92	·91	·90	·91	·93	·88	·79	·67	·63	·58	·61	·56	·54	·56	·747
5	·67	·69	·78	·80	·81	·81	·89	·90	·91	·89	·87	·88	·90	·89	·81	·78	·68	·67	·65	·59	·55	·54	·65	·69	·763
6	·69	·73	·77	·72	·80	·87	·87	·87	·90	·91	·92	·90	·88	·83	·82	·78	·72	·66	·61	·61	·61	·63	·62	·59	·763
7	·62	·67	·76	·79	·80	·78	·82	·83	·84	·84	·84	·84	·84	·80	·76	·76	·73	·70	·64	·63	·61	·60	·61	·61	·738
8	·59	·62	·69	·74	·75	·76	·76	·77	·78	·79	·79	·82	·85	·79	·80	·68	·62	·59	·54	·55	·53	·52	·50	·57	·683
9	·63	·66	·66	·90	·89	·90	·89	·89	·86	·85	·83	·83	·83	·79	·75	·64	·61	·56	·58	·53	·50	·46	·46	·63	·714
10	·65	·74	·77	·79	·78	·78	·80	·79	·78	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	·78	·77	·78	·80	·88	·83	·67	·60	·59	·57	·56	·58	·55	·54	·53	·705
12	·53	·61	·73	·75	·84	·84	·83	·90	·90	·88	·86	·85	·85	·82	·80	·76	·69	·64	·59	·54	·54	·54	·54	·55	·724
13	·57	·57	·60	·66	·72	·70	·71	·70	·72	·72	·72	·69	·67	·66	·65	·65	·63	·56	·50	·50	·48	·49	·48	·49	·618
14	·59	·66	·82	·85	·81	·80	·81	·85	·86	·87	·87	·88	·90	·87	·88	·82	·73	·67	·63	·57	·55	·55	·51	·52	·745
15	·85	·87	·84	·82	·83	·85	·85	·87	·87	·88	·88	·87	·87	·87	·86	·80	·71	·66	·62	·60	·53	·54	·51	·52	·765
16	·57	·67	·71	·76	·81	·85	·84	·84	·90	·91	·91	·86	·82	·76	·72	·66	·67	·70	·62	·61	·60	·58	·61	·63	·734
17	·68	·73	·76	·79	·78	·80	·80	·79	·78	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	·77	·75	·77	·79	·73	·66	·66	·59	·55	·52	·47	·47	·48	·46	·46	·668
19	·48	·48	·55	·58	·66	·65	·80	·84	·85	·83	·80	·79	·79	·72	·68	·66	·64	·58	·57	·55	·53	·52	·51	·50	·648
20	·52	·56	·62	·71	·76	·80	·80	·81	·80	·82	·84	·80	·77	·71	·68	·64	·60	·55	·57	·48	·42	·42	·42	·48	·649
21	·55	·65	·76	·77	·79	·81	·79	·80	·84	·87	·90	·87	·85	·80	·75	·68	·67	·58	·51	·48	·47	·47	·45	·53	·693
22	·63	·65	·73	·75	·82	·79	·78	·81	·80	·82	·84	·82	·81	·82	·78	·76	·62	·57	·49	·49	·47	·46	·46	·46	·685
23	·61	·68	·79	·77	·80	·81	·82	·80	·80	·82	·83	·83	·83	·82	·80	·75	·64	·65	·62	·57	·48	·48	·45	·47	·705
24	·51	·55	·62	·62	·73	·75	·78	·78	·78	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	·75	·72	·71	·70	·71	·63	·58	·56	·54	·51	·51	·47	·46	·45	·42	·618
26	·56	·62	·71	·77	·84	·83	·83	·83	·80	·79	·77	·78	·80	·80	·66	·68	·63	·55	·51	·45	·43	·49	·56	·59	·678
27	·62	·66	·76	·79	·83	·82	·81	·90	·88	·87	·86	·88	·90	·88	·87	·78	·75	·71	·62	·57	·55	·52	·55	·66	·752
28	·67	·66	·75	·77	·78	·83	·89	·89	·89	·90	·91	·92	·94	·94	·89	·85	·77	·68	·70	·65	·63	·62	·63	·71	·786
29	·74	·76	·82	·84	·85	·84	·84	·85	·84	·88	·92	·91	·90	·90	·87	·88	·89	·81	·70	·62	·54	·55	·66	·69	·796
30	·68	·75	·82	·86	·86	·84	·85	·85	·82	·86	·90	·89	·88	·90	·90	·90	·92	·92	·91	·86	·78	·74	·74	·79	·843
Means	0·613	·664	·734	·767	·797	·803	·819	·832	·835	·841	·843	·837	·836	·818	·784	·740	·686	·639	·598	·561	·536	·533	·538	·568	0·718

TENSION OF VAPOUR—JULY 1858

	In.	In.	In.	In.	In.	In.	In.	In.	In.	*In.	In.	*In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·889	0·940	0·950	0·947	0·921	0·962	0·920	0·920	0·901	0·873	0·845	0·824	0·803	0·803	0·803	0·817	0·775	0·766	0·758	0·737	0·756	0·816	0·853	0·871	0·852
2	·858	·896	·900	·907	·828	·734	·765	·784	·866	·829	·792	·778	·765	·791	·795	·835	·849	·867	·839	·819	·823	·832	·819	·815	·824
3	·830	·887	·889	·886	·898	·904	·895	·891	·879	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	·860	·840	·834	·828	·844	·887	·887	·871	·823	·812	·834	·851	·799	·842	·866	·860
5	·895	·894	·910	·898	·887	·862	·800	·827	·836	·841	·845	·853	·862	·838	·793	·829	·847	·844	·865	·867	·823	·832	·836	·869	·852
6	·878	·887	·877	·839	·838	·844	·839	·825	·863	·885	·906	·881	·856	·815	·810	·808	·806	·814	·796	·816	·828	·852	·847	·803	·842
7	·809	·813	·851	·872	·835	·805	·812	·816	·808	·821	·833	·834	·835	·798	·756	·770	·780	·792	·778	·789	·796	·792	·821	·820	·810
8	·841	·820	·852	·854	·858	·846	·823	·819	·823	·822	·820	·833	·847	·788	·805	·791	·799	·782	·787	·793	·787	·811	·795	·856	·819
9	·864	·856	·841	·872	·880	·901	·885	·886	·865	·849	·832	·836	·841	·795	·794	·775	·793	·771	·805	·789	·797	·752	·767	·866	·830
10	·890	·912	·894	·914	·904	·896	·913	·886	·877	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	·833	·789	·810	·831	·883	·890	·813	·791	·783	·759	·764	·805	·793	·806	·793	·843
12	·781	·835	·865	·876	·940	·931	·905	·934	·917	·899	·881	·870	·860	·836	·830	·840	·831	·831	·790	·761	·758	·760	·783	·796	·846
13	·801	·795	·786	·833	·863	·840	·829	·805	·806	·802	·797	·767	·737	·700	·703	·750	·767	·745	·717	·747	·717	·738	·742	·750	·772
14	·820	·846	·848	·854	·819	·805	·809	·833	·823	·838	·853	·863	·873	·861	·884	·871	·865	·843	·839	·832	·821	·821	·785	·751	·836
15	·833	·860	·830	·804	·815	·819	·813	·839	·854	·849	·843	·834	·826	·825	·845	·859	·836	·813	·823	·811	·730	·760	·749	·769	·818
16	·801	·825	·831	·836	·898	·919	·900	·882	·873	·882	·891	·852	·813	·766	·734	·702	·755	·797	·755	·765	·762	·760	·793	·819	·818
17	·845	·887	·871	·887	·868	·874	·859	·839	·823	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	·821	·819	·834	·849	·779	·706	·731	·719	·713	·722	·707	·727	·732	·749	·756	·797
19	·762	·709	·774	·787	·862	·833	·859	·856	·892	·876	·859	·851	·843	·773	·740	·738	·747	·753	·761	·769	·779	·787	·749	·722	·795
20	·740	·777	·807	·857	·907	·913	·889	·892	·873	·872	·870	·848	·827	·747	·740	·742	·738	·739	·788	·726	·675	·696	·719	·762	·798
21	·814	·890	·927	·923	·914	·920	·907	·899	·900	·895	·890	·869	·848	·802	·833	·812	·815	·778	·748	·759	·757	·772	·793	·848	·846
22	·917	·904	·907	·908	·945	·910	·899	·907	·882	·869	·856	·844	·833	·851	·849	·867	·822	·800	·764	·745	·727	·754	·740	·746	·844
23	·845	·891	·945	·902	·891	·907	·888	·861	·844	·843	·841	·841	·841	·821	·830	·842	·804	·839	·839	·831	·789	·781	·748	·739	·842
24	·789	·814	·835	·803	·888	·885	·878	·853	·837	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	·815	·792	·768	·745	·755	·693	·720	·705	·731	·719	·749	·742	·764	·788	·754	·784
26	·835	·843	·857	·905	·962	·954	·948	·941	·891	·856	·821	·811	·802	·782	·704	·818	·812	·788	·776	·747	·747	·796	·831	·830	·836
27	·852	·885	·930	·942	·960	·939	·920	·890	·871	·874	·876	·893	·910	·884	·879	·872	·879	·886	·853	·831	·820	·818	·851	·910	·884
28	·906	·867	·880	·881	·901	·762	·850	·853	·853	·851	·848	·855	·863	·873	·848	·852	·848	·846	·874	·866	·886	·882	·904	·942	·866
29	·946	·932	·928	·941	·941	·915	·901	·898	·876	·899	·922	·907	·892	·881	·861	·869	·897	·893	·859	·810	·783	·805	·886	·872	·888
30	·854	·897	·931	·957	·945	·932	·927	·912	·894	·902	·910	·897	·884	·887	·901	·910	·898	·909	·914	·890	·884	·875	·891	·938	·906
Means	0·842	·860	·874	·881	·891	·877	·871	·867	·863	·856	·849	·842	·835	·815	·804	·812	·810	·806	·798	·791	·783	·792	·803	·818	0·835

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR

HUMIDITY OF THE AIR—AUGUST 1858

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
July 31	0·82	0·81	0·88	0·88	0·88	0·88	0·90	0·87	0·87	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1	—	—	—	—	—	—	—	—	—	0·91	0·95	0·94	0·94	0·94	0·94	0·89	0·72	0·71	0·68	0·65	0·62	0·61	0·61	0·67	0·815
2	·72	·73	·83	·84	·86	·85	·86	·90	·87	·85	·83	·84	·86	·88	·89	·84	·74	·71	·67	·64	·62	·63	·59	·64	·779
3	·70	·80	·91	·90	·92	·90	·84	·84	·91	·93	·94	·93	·93	·92	·91	·90	·80	·73	·71	·67	·65	·66	·66	·69	·823
4	·72	·74	·84	·85	·85	·87	·96	·92	·94	·93	·91	·90	·90	·88	·85	·78	·73	·72	·68	·66	·65	·61	·61	·62	·797
5	·78	·84	·84	·88	·86	·85	·85	·85	·84	·85	·86	·86	·86	·84	·83	·77	·73	·67	·62	·61	·59	·59	·61	·63	·771
6	·66	·72	·79	·74	·79	·77	·77	·77	·79	·83	·87	·85	·83	·80	·77	·74	·72	·64	·60	·56	·55	·54	·56	·60	·719
7	·72	·86	·94	·92	·92	·93	·93	·91	·90	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	—	·90	·90	·87	·84	·83	·77	·71	·67	·64	·61	·58	·57	·56	·56	·54	·774
9	·54	·62	·70	·66	·70	·76	·77	·82	·84	·84	·83	·83	·83	·80	·75	·68	·63	·61	·60	·55	·53	·48	·46	·46	·679
10	·45	·46	·56	·65	·64	·65	·67	·66	·65	·70	·74	·72	·70	·73	·69	·62	·58	·56	·56	·52	·53	·50	·49	·63	·611
11	·69	·69	·77	·81	·81	·81	·83	·80	·80	·79	·78	·79	·80	·82	·86	·84	·76	·68	·65	·61	·57	·56	·53	·55	·733
12	·55	·71	·75	·78	·83	·82	·81	·82	·82	·81	·79	·83	·88	·86	·85	·80	·70	·68	·62	·62	·58	·53	·54	·55	·730
13	·67	·78	·80	·83	·86	·86	·86	·86	·84	·87	·89	·86	·84	·83	·81	·82	·82	·79	·71	·71	·58	·60	·69	·69	·786
14	·69	·73	·80	·82	·85	·86	·85	·85	·86	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	·79	·72	·75	·78	·81	·80	·75	·69	·67	·62	·55	·53	·54	·60	·62	·730
16	·69	·76	·80	·84	·84	·84	·84	·81	·82	·83	·84	·86	·89	·88	·84	·84	·83	·77	·70	·65	·59	·58	·63	·65	·776
17	·70	·76	·78	·82	·82	·82	·82	·83	·82	·84	·86	·91	·96	·91	·88	·77	·72	·69	·61	·54	·57	·64	·63	·65	·765
18	·68	·72	·77	·81	·83	·81	·84	·84	·85	·85	·85	·88	·92	·87	·84	·79	·76	·66	·56	·48	·54	·55	·58	·59	·745
19	·59	·72	·76	·81	·80	·81	·81	·84	·82	·84	·86	·87	·88	·84	·82	·73	·69	·60	·55	·47	·53	·57	·55	·57	·722
20	·59	·67	·73	·74	·77	·82	·81	·82	·84	·85	·85	·86	·87	·84	·80	·70	·61	·58	·57	·56	·54	·54	·59	·62	·715
21	·67	·74	·81	·81	·83	·82	·82	·84	·87	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	·86	·84	·85	·86	·86	·83	·74	·68	·59	·55	·51	·54	·56	·59	·64	·738
23	·67	·70	·75	·77	·79	·80	·81	·80	·79	·81	·83	·85	·87	·89	·86	·76	·65	·61	·58	·54	·54	·57	·63	·65	·730
24	·66	·72	·75	·77	·77	·80	·80	·81	·81	·83	·84	·85	·87	·90	·87	·77	·71	·58	·48	·43	·40	·40	·50	·55	·703
25	·61	·69	·75	·76	·78	·78	·78	·79	·80	·83	·86	·86	·86	·92	·88	·73	·67	·62	·60	·62	·60	·55	·54	·58	·728
26	·61	·66	·73	·74	·76	·78	·78	·80	·81	·80	·79	·86	·94	·94	·89	·79	·72	·62	·54	·53	·51	·54	·55	·56	·719
27	·62	·69	·76	·79	·79	·81	·80	·79	·81	·82	·82	·83	·85	·82	·78	·68	·60	·53	·50	·48	·47	·50	·53	·53	·692
28	·60	·66	·71	·76	·79	·79	·78	·78	·79	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	—	·82	·84	·84	·85	·86	·84	·73	·64	·54	·49	·47	·43	·43	·58	·64	·694
30	·64	·72	·77	·80	·78	·80	·79	·80	·86	·89	·92	·91	·90	·91	·89	·79	·67	·59	·57	·52	·54	·50	·46	·43	·727
31	·45	·70	·66	·69	·75	·77	·80	·83	·84	·87	·89	·87	·86	·87	·79	·67	·58	·50	·46	·42	·46	·47	·51	·57	·678
Means	0·648	·719	·776	·795	·810	·817	·821	·824	·832	·842	·848	·854	·866	·861	·834	·764	·697	·640	·596	·561	·549	·549	·570	·597	0·736

TENSION OF VAPOUR—AUGUST 1858

	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.*	In.	In.*	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
July 31	0·926	0·901	0·909	0·884	0·876	0·882	0·876	0·861	0·853	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1	—	—	—	—	—	—	—	—	—	0·818	0·783	0·786	0·790	0·796	0·812	0·825	0·790	0·831	0·846	0·833	0·836	0·876	0·866	0·879	0·847
2	·917	·920	·936	·914	·914	·910	·905	·941	·880	·833	·786	·790	·795	·814	·852	·866	·852	·870	·873	·850	·853	·894	·869	·897	·872
3	·917	·943	·954	·907	·899	·875	·870	·878	·889	·853	·817	·826	·836	·833	·836	·862	·851	·865	·880	·873	·864	·902	·896	·930	·877
4	·928	·924	·924	·918	·918	·940	·941	·893	·869	·859	·849	·840	·832	·828	·833	·820	·810	·825	·820	·839	·833	·845	·868	·884	·868
5	·907	·915	·847	·880	·857	·833	·833	·831	·818	·821	·823	·816	·809	·789	·796	·775	·780	·786	·776	·793	·812	·820	·844	·865	·826
6	·890	·914	·925	·846	·853	·819	·821	·818	·815	·834	·853	·837	·821	·779	·759	·754	·778	·776	·785	·779	·769	·762	·779	·824	·816
7	·867	·890	·906	·895	·879	·869	·869	·849	·834	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	—	·858	·881	·849	·817	·792	·756	·760	·758	·778	·788	·780	·789	·770	·763	·760	·823
9	·741	·819	·824	·763	·765	·799	·794	·836	·850	·838	·825	·819	·814	·775	·775	·775	·773	·796	·810	·795	·799	·762	·729	·736	·792
10	·716	·709	·760	·835	·808	·803	·817	·780	·751	·767	·783	·762	·741	·729	·721	·717	·732	·744	·764	·754	·788	·797	·821	·888	·770
11	·910	·897	·884	·895	·895	·868	·896	·867	·830	·818	·805	·790	·775	·804	·845	·870	·846	·825	·809	·798	·801	·799	·812	·821	·840
12	·832	·887	·866	·896	·933	·915	·905	·897	·879	·866	·852	·867	·882	·867	·845	·867	·828	·845	·830	·852	·859	·842	·863	·852	·868
13	·926	·956	·925	·948	·954	·936	·929	·920	·902	·897	·891	·854	·817	·806	·805	·833	·864	·881	·843	·862	·837	·873	·903	·890	·886
14	·886	·891	·913	·916	·925	·920	·904	·892	·876	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	·799	·722	·745	·769	·808	·838	·871	·880	·894	·882	·838	·842	·845	·881	·912	·860
16	·937	·976	·966	·972	·968	·944	·931	·910	·894	·908	·921	·903	·885	·865	·817	·829	·834	·819	·828	·833	·840	·849	·884	·910	·893
17	·921	·938	·918	·918	·921	·894	·909	·898	·888	·897	·906	·930	·955	·935	·950	·908	·912	·906	·850	·789	·837	·890	·887	·889	·902
18	·896	·897	·903	·924	·929	·899	·900	·902	·897	·885	·873	·890	·907	·865	·842	·844	·866	·838	·798	·746	·789	·821	·829	·820	·865
19	·825	·882	·904	·925	·918	·899	·892	·895	·870	·880	·890	·886	·882	·844	·859	·845	·854	·816	·773	·727	·813	·815	·820	·840	·856
20	·838	·873	·869	·869	·880	·913	·892	·894	·901	·895	·888	·883	·879	·844	·824	·819	·793	·809	·824	·840	·790	·819	·862	·862	·857
21	·876	·908	·926	·925	·933	·926	·903	·900	·909	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	·890	·870	·870	·871	·870	·863	·861	·847	·819	·815	·813	·818	·846	·880	·893	·876
23	·898	·881	·877	·886	·894	·895	·892	·882	·864	·864	·863	·858	·854	·836	·846	·817	·808	·813	·805	·789	·789	·831	·865	·859	·853
24	·859	·883	·877	·881	·877	·889	·882	·877	·862	·867	·872	·865	·859	·881	·880	·878	·856	·764	·680	·638	·631	·672	·776	·809	·826
25	·837	·871	·876	·883	·875	·866	·857	·857	·861	·869	·876	·873	·870	·901	·911	·859	·857	·855	·857	·859	·842	·821	·807	·836	·862
26	·845	·870	·862	·864	·877	·866	·884	·889	·881	·869	·857	·870	·883	·889	·885	·880	·860	·816	·739	·757	·749	·790	·799	·820	·846
27	·850	·879	·911	·913	·912	·916	·905	·888	·892	·881	·870	·869	·868	·822	·829	·791	·734	·704	·693	·707	·726	·771	·809	·789	·830
28	·843	·870	·856	·896	·911	·901	·893	·881	·887	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	—	·898	·908	·894	·880	·876	·900	·887	·831	·760	·746	·727	·729	·739	·829	·881	·851
30	·888	·905	·846	·889	·884	·889	·879	·830	·821	·857	·893	·877	·862	·852	·844	·847	·815	·747	·766	·776	·821	·799	·762	·737	·837
31	·757	·789	·757	·795	·865	·878	·905	·898	·889	·884	·879	·864	·850	·825	·839	·823	·753	·698	·669	·654	·680	·698	·764	·801	·801
Means	0·868	·888	·886	·890	·893	·887	·885	·876	·865	·859	·853	·849	·845	·834	·836	·833	·821	·810	·798	·789	·798	·813	·832	·848	0·848

* The numbers in these columns are not observed, but interpolated for the sake of taining the daily means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR

HUMIDITY OF THE AIR—SEPTEMBER 1858

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·60	0·67	0·70	0·75	0·75	0·77	0·79	0·81	0·85	*0·86	0·87	*0·88	0·90	0·86	0·81	0·72	0·62	0·55	0·51	0·45	0·43	0·41	0·48	0·55	0·691
2	·64	·70	·73	·76	·81	·80	·81	·77	·75	·78	·80	·88	·96	·97	·86	·79	·71	·62	·55	·49	·50	·50	·51	·53	·718
3	·63	·83	·84	·83	·84	·86	·84	·84	·83	·84	·84	·85	·87	·85	·76	·69	·68	·67	·65	·61	·68	·68	·71	·74	·769
4	·75	·81	·81	·80	·83	·82	·81	·82	·84	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	·87	·90	·90	·91	·93	·89	·87	·79	·76	·69	·64	·62	·64	·67	·94	·805
6	·94	·88	·90	·90	·91	·91	·89	·89	·91	·91	·90	·91	·92	·93	·90	·90	·88	·82	·79	·74	·69	·66	·65	·65	·849
7	·68	·72	·76	·81	·86	·87	·85	·87	·87	·90	·93	·94	·95	·93	·89	·84	·87	·83	·84	·79	·70	·70	·71	·74	·827
8	·78	·80	·81	·82	·85	·84	·86	·87	·89	·90	·90	·90	·90	·87	·83	·84	·89	·90	·81	·73	·72	·70	·72	·72	·827
9	·73	·74	·76	·79	·78	·81	·80	·80	·80	·81	·81	·85	·89	·83	·85	·80	·73	·66	·63	·64	·63	·60	·56	·55	·744
10	·55	·61	·65	·67	·69	·71	·72	·75	·78	·79	·80	·81	·82	·83	·78	·73	·69	·64	·64	·58	·57	·55	·52	·53	·684
11	·52	·57	·61	·68	·69	·70	·71	·72	·74	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	·82	·89	·85	·81	·79	·72	·73	·71	·69	·64	·63	·62	·63	·62	·64	·697
13	·66	·65	·69	·68	·69	·74	·75	·76	·79	·84	·89	·87	·86	·79	·72	·69	·63	·65	·56	·55	·55	·55	·59	·57	·697
14	·59	·66	·69	·72	·80	·81	·76	·80	·80	·80	·80	·76	·73	·71	·69	·68	·65	·64	·62	·56	·48	·49	·52	·53	·679
15	·69	·70	·71	·74	·76	·77	·78	·81	·81	·82	·83	·83	·84	·78	·71	·67	·64	·58	·58	·55	·53	·50	·51	·52	·694
16	·63	·75	·79	·80	·80	·82	·80	·82	·77	·82	·86	·88	·90	·92	·90	·88	·80	·71	·63	·63	·59	·59	·56	·63	·762
17	·73	·75	·80	·81	·80	·82	·84	·83	·86	·88	·90	·93	·96	·94	·91	·87	·78	·68	·68	·65	·64	·60	·57	·55	·783
18	·57	·65	·71	·77	·77	·80	·80	·82	·83	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	·83	·83	·81	·80	·73	·69	·63	·63	·58	·55	·55	·55	·54	·52	·52	·687
20	·56	·60	·71	·76	·82	·84	·87	·92	·84	·80	·75	·77	·79	·74	·71	·61	·59	·53	·51	·47	·51	·46	·38	·40	·664
21	·43	·65	·73	·77	·78	·78	·80	·80	·81	·83	·85	·86	·87	·78	·71	·64	·59	·58	·53	·50	·47	·43	·43	·61	·676
22	·62	·67	·72	·75	·78	·80	·79	·79	·81	·81	·80	·82	·84	·87	·83	·67	·60	·49	·49	·48	·47	·55	·54	·55	·689
23	·60	·65	·73	·73	·74	·77	·82	·81	·84	·84	·84	·85	·87	·91	·87	·73	·67	·55	·47	·50	·46	·41	·55	·59	·700
24	·63	·71	·71	·67	·69	·72	·73	·73	·81	·83	·84	·87	·91	·89	·84	·78	·73	·62	·55	·46	·44	·49	·55	·64	·702
25	·67	·72	·76	·79	·79	·80	·79	·82	·83	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	·88	·93	·91	·90	·91	·88	·76	·67	·63	·57	·57	·53	·63	·65	·66	·752
27	·68	·70	·74	·77	·77	·78	·81	·84	·86	·88	·90	·89	·89	·89	·90	·74	·65	·59	·53	·58	·63	·66	·67	·69	·752
28	·72	·77	·77	·78	·78	·79	·79	·80	·84	·88	·92	·91	·91	·89	·88	·76	·71	·68	·67	·64	·63	·60	·60	·64	·765
29	·70	·77	·79	·77	·79	·79	·79	·79	·78	·82	·85	·88	·91	·90	·87	·79	·77	·61	·58	·56	·60	·62	·62	·65	·750
30	·71	·78	·78	·79	·81	·80	·82	·82	·82	·81	·80	·82	·85	·87	·84	·74	·61	·58	·57	·59	·59	·58	·60	·63	·734
31																									
Means	0·654	·712	·746	·766	·784	·797	·801	·812	·822	·840	·855	·863	·875	·858	·817	·752	·703	·648	·609	·582	·570	·568	·577	·614	0·734

TENSION OF VAPOUR—SEPTEMBER 1858

	In.	In.	In.	In.	In.	In.	In.	In.	In.	*In.	In.	*In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·837	0·840	0·845	0·871	0·869	0·878	0·886	0·887	0·879	0·880	0·880	0·879	0·878	0·851	0·814	0·806	0·755	0·753	0·750	0·716	0·689	0·699	0·756	0·824	0·822
2	·883	·905	·897	·917	·936	·918	·928	·901	·872	·866	·859	·893	·928	·937	·855	·827	·845	·824	·769	·740	·795	·806	·806	·822	·864
3	·885	·948	·961	·925	·894	·899	·872	·868	·840	·849	·858	·859	·861	·833	·764	·749	·776	·847	·858	·852	·883	·893	·921	·917	·867
4	·922	·923	·917	·909	·909	·909	·898	·897	·901	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	·849	·797	·803	·809	·835	·820	·865	·887	·906	·894	·894	·915	·939	·957	·916	·886
6	·911	·885	·893	·878	·883	·891	·885	·883	·891	·863	·834	·829	·825	·814	·801	·812	·843	·854	·887	·897	·863	·854	·837	·833	·860
7	·817	·821	·836	·860	·868	·880	·859	·832	·827	·835	·842	·836	·830	·815	·795	·769	·805	·820	·850	·853	·776	·769	·809	·810	·826
8	·822	·823	·819	·813	·833	·818	·823	·819	·808	·808	·807	·814	·822	·790	·760	·763	·772	·801	·798	·810	·811	·770	·783	·778	·803
9	·787	·783	·785	·791	·786	·801	·783	·775	·775	·777	·778	·797	·816	·778	·833	·830	·845	·756	·746	·775	·797	·735	·706	·689	·780
10	·691	·712	·733	·729	·744	·747	·748	·762	·772	·775	·777	·780	·784	·789	·772	·735	·768	·798	·831	·778	·801	·811	·767	·787	·766
11	·767	·774	·786	·800	·793	·797	·803	·801	·808	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	·839	·870	·836	·802	·773	·734	·753	·755	·825	·783	·763	·774	·813	·800	·813	·794
13	·832	·772	·786	·752	·720	·743	·749	·758	·773	·859	·945	·897	·850	·773	·733	·734	·721	·728	·696	·712	·755	·741	·768	·752	·773
14	·803	·833	·831	·832	·825	·811	·793	·797	·805	·818	·830	·779	·729	·703	·691	·698	·702	·752	·795	·770	·697	·663	·722	·723	·767
15	·846	·802	·796	·812	·817	·827	·823	·828	·819	·827	·834	·838	·843	·778	·741	·749	·747	·727	·764	·768	·767	·776	·797	·810	·797
16	·842	·899	·913	·917	·917	·925	·904	·919	·850	·866	·881	·881	·881	·894	·902	·911	·912	·864	·811	·849	·840	·865	·843	·884	·882
17	·927	·915	·922	·922	·899	·919	·900	·935	·855	·845	·834	·854	·875	·872	·864	·859	·859	·820	·845	·840	·854	·814	·801	·803	·868
18	·809	·840	·880	·825	·826	·859	·861	·865	·864	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	·866	·868	·849	·830	·753	·742	·714	·727	·706	·690	·713	·751	·763	·736	·735	·795
20	·756	·785	·835	·876	·925	·939	·940	·954	·901	·832	·763	·756	·749	·696	·690	·647	·657	·627	·624	·606	·668	·643	·569	·612	·752
21	·604	·782	·837	·853	·856	·841	·859	·860	·839	·854	·869	·861	·853	·747	·694	·679	·678	·697	·677	·666	·657	·605	·639	·813	·763
22	·799	·796	·825	·832	·845	·859	·850	·828	·828	·815	·802	·809	·817	·817	·821	·716	·688	·602	·637	·642	·647	·764	·745	·730	·771
23	·762	·778	·808	·808	·817	·825	·879	·862	·870	·856	·842	·848	·855	·850	·855	·809	·786	·686	·625	·691	·668	·627	·773	·798	·791
24	·827	·826	·809	·791	·800	·778	·780	·782	·862	·852	·842	·863	·885	·872	·834	·829	·837	·781	·754	·655	·660	·708	·786	·846	·802
25	·867	·847	·859	·874	·867	·859	·851	·850	·851	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	·870	·888	·872	·857	·870	·882	·866	·823	·811	·747	·801	·783	·862	·882	·873	·851
27	·873	·834	·846	·854	·855	·868	·884	·870	·876	·883	·890	·878	·867	·858	·878	·852	·800	·781	·739	·837	·905	·928	·929	·922	·863
28	·923	·916	·886	·884	·884	·881	·872	·860	·870	·882	·893	·878	·864	·859	·882	·876	·864	·845	·895	·890	·885	·845	·832	·831	·875
29	·878	·884	·887	·853	·859	·857	·845	·842	·823	·838	·853	·858	·864	·848	·874	·887	·878	·805	·808	·828	·843	·861	·863	·864	·854
30	·893	·902	·890	·891	·895	·891	·889	·888	·882	·868	·854	·855	·857	·868	·876	·869	·800	·809	·829	·861	·861	·836	·850	·856	·865
31																									
Means	0·829	·839	·849	·849	·851	·855	·852	·851	·844	·845	·846	·842	·840	·818	·804	·792	·790	·778	·773	·777	·783	·784	·795	·809	0·821

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR

HUMIDITY OF THE AIR—OCTOBER 1858

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m 19.41	h. m. 20.41	h. m. 21. 41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·69	0·77	0·79	0·81	0·83	0·82	0·81	0·82	0·81	*0·82	0·83	*0·84	0·86	0·91	0·86	0·74	0·68	0·67	0·67	0·65	0·64	0·65	0·67	0·68	0·763
2	·71	·78	·81	·77	·78	·78	·78	·78	·78	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	—	·85	·92	·92	·92	·90	·85	·76	·68	·62	·58	·54	·57	·58	·59	·59	·743
4	·59	·70	·74	·76	·79	·82	·86	·87	·86	·89	·92	·93	·94	·90	·92	·77	·74	·66	·61	·61	·67	·64	·62	·64	·769
5	·71	·75	·77	·79	·78	·82	·82	·82	·83	·84	·85	·87	·89	·90	·87	·84	·75	·73	·73	·85	·84	·80	·84	·86	·815
6	·88	·91	·93	·93	·91	·95	·94	·91	·91	·91	·90	·90	·91	·93	·91	·90	·90	·96	·96	·94	·96	·96	·95	·97	·926
7	·97	·98	·95	·97	·99	·91	·93	·93	·94	·94	·94	·94	·94	·94	·96	·90	·86	·82	·80	·78	·79	·78	·77	·77	·896
8	·77	·83	·84	·85	·85	·87	·89	·87	·91	·90	·89	·90	·92	·95	·92	·84	·80	·75	·73	·77	·75	·77	·75	·77	·837
9	·81	·84	·86	·87	·91	·92	·92	·96	·96	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	·96	·96	·97	·98	·98	·94	·96	·95	·95	·95	·92	·87	·85	·87	·89	·919
11	·88	·88	·90	·86	·89	·91	·89	·87	·87	·88	·88	·88	·88	·87	·85	·83	·82	·71	·70	·67	·65	·69	·77	·77	·825
12	·78	·82	·84	·85	·86	·86	·88	·96	·94	·94	·93	·95	·96	·96	·92	·90	·84	·77	·74	·74	·74	·77	·77	·75	·853
13	·78	·82	·84	·85	·88	·88	·87	·83	·93	·93	·92	·92	·93	·92	·89	·88	·91	·90	·88	·85	·86	·80	·84	·86	·874
14	·87	·91	·91	·91	·96	·95	·96	·96	·96	·96	·96	·95	·95	·96	·92	·85	·82	·79	·77	·88	·84	·90	·91	·92	·907
15	·90	·93	·95	·95	·98	·98	·98	1·00	·99	·98	·97	·96	·96	·93	·91	·87	·84	·82	·77	·78	·76	·77	·74	·79	·896
16	·81	·86	·89	·89	·93	·95	·95	0·95	·94	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	—	—	·93	·91	·91	·92	·96	·95	·95	·88	·80	·81	·96	·84	·78	·76	·76	·887
18	·80	·87	·90	·94	·94	·95	·95	·97	·97	·96	·95	·96	·98	·96	·92	·85	·82	·80	·77	·78	·71	·72	·78	·77	·876
19	·79	·80	·82	·83	·88	·90	·95	·96	·94	·95	·96	·95	·94	·94	·93	·89	·81	·75	·74	·75	·77	·77	·72	·73	·853
20	·74	·74	·87	·92	·95	·93	·92	·91	·91	·91	·91	·92	·94	·88	·88	·82	·76	·71	·71	·69	·63	·62	·64	·69	·817
21	·72	·76	·75	·73	·84	·84	·87	·86	·84	·85	·86	·87	·89	·86	·91	·94	·94	·95	·93	·90	·89	·90	·88	·87	·860
22	·85	·82	·86	·85	·87	·89	·87	·87	·87	·90	·93	·93	·93	·92	·93	·95	·94	·90	·85	·85	·84	·83	·82	·83	·879
23	·83	·87	·87	·87	·91	·88	·91	·92	·93	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	—	·94	·94	·94	·95	·95	·95	·87	·82	·81	·77	·72	·76	·79	·73	·68	·859
25	·68	·79	·82	·86	·87	·96	·91	·91	·96	·94	·91	·93	·95	·96	·96	·94	·91	·90	·84	·78	·72	·73	·75	·75	·864
26	·78	·85	·87	·92	·94	·95	·93	·94	·93	·94	·95	·96	·97	·98	·96	·88	·88	·80	·75	·66	·66	·66	·65	·61	·851
27	·67	·71	·75	·82	·87	·91	·93	·92	·95	·96	·96	·96	·96	·92	·91	·83	·76	·69	·62	·57	·62	·60	·58	·64	·796
28	·66	·72	·77	·78	·80	·89	·91	·92	·95	·96	·96	·95	·95	·95	·93	·85	·82	·73	·70	·70	·71	·70	·69	·71	·821
29	·73	·77	·79	·81	·81	·81	·86	·88	·89	·93	·96	·96	·96	·97	·92	·85	·80	·77	·72	·77	·72	·72	·71	·75	·828
30	·76	·80	·81	·81	·83	·81	·91	·93	·93	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
31	—	—	—	—	—	—	—	—	—	·91	·88	·91	·94	·94	·94	·88	·80	·73	·77	·78	·74	·73	·75	·75	·835
Means	0·775	·818	·842	·854	·879	·890	·900	·905	·912	·918	·922	·926	·935	·932	·916	·867	·828	·788	·764	·765	·752	·750	·752	·762	0·848

TENSION OF VAPOUR—OCTOBER 1858

	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·887	0·902	0·912	0·917	0·922	0·894	0·877	0·879	0·862	*0·861	0·860	*0·855	0·851	0·885	0·890	0·873	0·868	0·894	0·897	0·897	0·887	0·872	0·892	0·885	0·884
2	·871	·901	·907	·856	·858	·845	·829	·825	·825	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	—	·852	·879	·869	·860	·828	·848	·846	·820	·804	·829	·797	·828	·820	·817	·791	·842
4	·769	·823	·840	·849	·863	·873	·906	·910	·893	·903	·913	·905	·898	·848	·893	·878	·869	·864	·841	·847	·873	·856	·817	·818	·865
5	·864	·855	·862	·878	·866	·879	·879	·864	·869	·857	·845	·848	·852	·856	·861	·870	·828	·831	·809	·875	·885	·897	·904	·884	·863
6	·884	·891	·896	·888	·870	·902	·893	·866	·866	·860	·853	·854	·855	·863	·844	·835	·838	·847	·820	·818	·825	·800	·793	·803	·853
7	·799	·799	·820	·878	·943	·891	·910	·910	·913	·909	·904	·911	·918	·915	·904	·902	·893	·882	·859	·868	·857	·873	·878	·865	·883
8	·844	·851	·839	·839	·848	·859	·870	·861	·891	·886	·880	·873	·867	·884	·867	·854	·889	·887	·903	·940	·934	·940	·939	·932	·882
9	·930	·913	·902	·910	·920	·907	·901	·910	·904	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	·872	·840	·830	·821	·820	·770	·792	·795	·792	·793	·788	·805	·805	·805	·809	·847
11	·804	·804	·810	·770	·775	·782	·774	·754	·754	·758	·762	·757	·752	·749	·747	·788	·850	·820	·826	·823	·815	·829	·893	·884	·795
12	·860	·864	·865	·869	·871	·884	·896	·933	·899	·885	·870	·873	·877	·847	·867	·916	·931	·893	·897	·913	·935	·940	·933	·918	·893
13	·903	·894	·900	·882	·891	·883	·859	·827	·885	·889	·893	·901	·909	·874	·842	·883	·920	·925	·806	·819	·851	·859	·900	·912	·879
14	·909	·911	·891	·836	·875	·867	·875	·865	·848	·855	·861	·845	·829	·833	·847	·838	·836	·857	·872	·897	·873	·861	·872	·891	·864
15	·893	·911	·912	·902	·909	·909	·910	·915	·863	·849	·835	·831	·827	·814	·836	·855	·871	·879	·879	·883	·875	·886	·852	·888	·874
16	·898	·896	·897	·897	·897	·901	·896	·890	·879	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	—	—	·873	·866	·862	·859	·883	·896	·925	·896	·889	·920	·933	·915	·902	·860	·871	·892
18	·891	·900	·907	·918	·919	·903	·897	·895	·896	·886	·875	·861	·848	·820	·825	·833	·839	·859	·863	·883	·858	·880	·820	·842	·872
19	·856	·844	·847	·851	·884	·875	·897	·906	·878	·863	·847	·830	·814	·814	·841	·870	·869	·861	·867	·887	·908	·878	·824	·814	·859
20	·791	·761	·858	·888	·869	·856	·845	·838	·838	·824	·809	·809	·810	·756	·796	·807	·764	·774	·799	·785	·720	·712	·715	·737	·798
21	·748	·738	·736	·717	·812	·790	·806	·788	·764	·767	·769	·727	·685	·631	·657	·679	·690	·698	·695	·708	·704	·708	·709	·711	·727
22	·691	·672	·694	·694	·706	·728	·723	·723	·730	·737	·743	·751	·759	·787	·777	·814	·793	·802	·803	·824	·818	·823	·813	·798	·758
23	·787	·782	·777	·773	·782	·757	·778	·786	·791	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	—	·805	·818	·817	·816	·812	·824	·826	·836	·892	·856	·834	·870	·885	·805	·740	·810
25	·724	·773	·784	·804	·811	·853	·828	·814	·861	·849	·836	·851	·867	·862	·848	·844	·841	·834	·811	·824	·822	·800	·816	·808	·824
26	·817	·836	·845	·859	·861	·846	·810	·813	·791	·792	·793	·800	·808	·810	·815	·828	·882	·860	·816	·756	·789	·797	·752	·692	·811
27	·705	·715	·729	·757	·764	·759	·752	·744	·746	·753	·760	·760	·761	·739	·762	·760	·764	·743	·712	·671	·717	·708	·692	·731	·738
28	·724	·750	·759	·763	·765	·798	·790	·786	·793	·794	·795	·793	·791	·771	·781	·793	·816	·782	·797	·797	·831	·797	·774	·781	·784
29	·769	·770	·777	·778	·775	·770	·796	·796	·785	·791	·796	·795	·794	·804	·813	·814	·816	·819	·822	·878	·855	·835	·809	·837	·804
30	·817	·815	·812	·805	·816	·787	·815	·814	·788	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
31	—	—	—	—	—	—	—	—	—	·795	·802	·823	·845	·845	·867	·876	·889	·889	·908	·937	·897	·903	·903	·857	·846
Means	0·824	·830	·838	·838	·849	·846	·847	·843	·839	·837	·835	·832	·830	·821	·828	·838	·842	·841	·835	·842	·844	·841	·830	·827	0·836

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR

HUMIDITY OF THE AIR—NOVEMBER 1858

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·78	0·87	0·83	0·84	0·85	0·85	0·85	0·85	0·85	*0·86	0·86	*0·90	0·94	0·95	0·91	0·86	0·75	0·73	0·68	0·69	0·70	0·66	0·75	0·78	0·816
2	·73	·76	·77	·77	·81	·82	·83	·87	·92	·93	·93	·92	·92	·93	·91	·88	·89	·79	·75	·71	·73	·72	·71	·71	·821
3	·70	·74	·71	·73	·72	·75	·78	·85	·87	·87	·87	·91	·95	·92	·91	·82	·78	·77	·76	·73	·74	·73	·67	·67	·790
4	·68	·71	·72	·73	·77	·78	·81	·82	·80	·86	·91	·91	·91	·87	·88	·84	·83	·85	·91	·89	·87	·84	·86	·86	·830
5	·89	·92	·92	·95	·96	·90	·91	·92	·90	·88	·85	·85	·85	·85	·85	·83	·80	·80	·79	·77	·77	·77	·78	·78	·854
6	·79	·84	·85	·86	·87	·89	·93	·96	·98	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	—	·92	·86	·89	·93	·94	·91	·87	·82	·79	·77	·73	·75	·73	·73	·74	·848
8	·73	·78	·77	·77	·78	·80	·80	·82	·83	·85	·87	·90	·93	·94	·92	·81	·77	·71	·68	·67	·68	·73	·74	·64	·788
9	·65	·68	·68	·68	·69	·70	·71	·78	·83	·83	·83	·87	·91	·87	·81	·77	·65	·62	·62	·67	·64	·62	·63	·62	·723
10	·65	·68	·71	·73	·73	·73	·73	·72	·76	·80	·84	·85	·86	·92	·92	·91	·80	·80	·78	·78	·83	·80	·87	·91	·796
11	·83	·82	·83	·81	·82	·81	·79	·82	·91	·91	·91	·90	·89	·80	·79	·76	·74	·69	·72	·66	·69	·68	·71	·68	·790
12	·67	·72	·78	·78	·71	·73	·75	·78	·91	·92	·92	·89	·86	·87	·84	·81	·78	·74	·72	·68	·69	·68	·63	·69	·773
13	·71	·78	·80	·82	·82	·84	·85	·86	·89	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	·93	·97	·96	·96	·94	·92	·92	·94	·91	·89	·92	·91	·87	·96	·93	·888
15	·98	·97	·98	·96	·97	·95	·97	·96	·95	·95	·94	·94	·95	·93	·95	·90	·85	·89	·91	·87	·90	·89	·94	·85	·931
16	92	·92	·90	·90	·91	·91	·93	·97	·95	·94	·92	·91	·90	·92	·91	·88	·86	·83	·81	·76	·80	·76	·77	·82	·879
17	·79	·80	·81	·95	·92	·91	·91	·94	·95	·94	·92	·89	·87	·93	·91	·89	·85	·76	·81	·78	·76	·79	·80	·79	·861
18	·80	·82	·83	·83	·87	·88	·88	·88	·91	·92	·92	·91	·91	·85	·93	·81	·81	·79	·80	·80	·79	·78	·78	·80	·846
19	·81	·80	·81	·79	·79	·78	·78	·83	·84	·84	·84	·86	·88	·94	·84	·82	·79	·84	·87	·87	·96	·87	·94	·95	·848
20	·93	·98	·96	·94	·87	·83	·86	·88	·85	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	—	·86	·87	·90	·94	·96	·96	·95	·89	·84	·83	·82	·84	·85	·79	·82	·884
22	·86	·87	·89	·91	·91	·94	·92	·95	·96	·94	·91	·91	·91	·92	·93	·91	·82	·84	·84	·87	·86	·84	·83	·84	·891
23	·87	·87	·91	·91	·92	·95	·95	·97	·96	·97	·98	·98	·99	·98	·92	·91	·83	·84	·82	·80	·80	·80	·80	·83	·898
24	·84	·85	·87	·87	·88	·91	·91	·91	·93	·92	·91	·90	·90	·90	·93	·86	·82	·84	·80	·77	·75	·75	·82	·84	·862
25	·83	·87	·87	·88	·90	·98	·95	·97	·95	·93	·91	·90	·90	·90	·91	·91	·89	·84	·84	·79	·80	·80	·78	·77	·878
26	·86	·87	·89	·90	·89	·90	·91	·91	·91	·93	·95	·95	·95	·95	·95	·91	·87	·89	·85	·83	·78	·84	·87	·84	·892
27	·87	·94	·91	·84	·82	·82	·84	·86	·87	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	·86	·84	·84	·84	·86	·93	·81	·77	·75	·75	·74	·75	·73	·78	·75	·824
29	·85	·87	·79	·82	·85	·88	·86	·89	·94	·93	·91	·92	·93	·95	·94	·95	·90	·86	·86	·81	·76	·76	·74	·76	·864
30	·77	·80	·81	·84	·88	·91	·92	·95	·91	·91	·90	·90	·91	·92	·89	·87	·84	·81	·78	·79	·80	·77	·81	·78	·853
Means	0·800	·828	·831	·839	·843	·852	·859	·882	·897	·900	·898	·902	·911	·912	·903	·864	·821	·801	·794	·777	·783	·772	·788	·787	0·844

TENSION OF VAPOUR—NOVEMBER 1858

	In.	In.	In.	In.	In.	In.	In.	In.	In.	*In.	In.	*In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·824	0·855	0·826	0·836	0·836	0·833	0·819	0·819	0·819	0·810	0·800	0·808	0·817	0·815	0·824	0·870	0·842	0·837	0·819	0·841	0·852	0·768	0·873	0·865	0·830
2	·781	·775	·779	·774	·789	·805	·814	·819	·824	·820	·815	·804	·793	·804	·811	·833	·853	·823	·813	·774	·780	·783	·798	·784	·802
3	·740	·743	·706	·712	·705	·725	·746	·773	·776	·765	·753	·755	·758	·744	·740	·740	·783	·819	·817	·816	·820	·816	·718	·714	·758
4	·725	·733	·734	·730	·747	·768	·784	·800	·710	·763	·816	·812	·809	·772	·774	·784	·815	·842	·838	·816	·853	·870	·908	·887	·795
5	·872	·813	·846	·838	·849	·834	·836	·837	·862	·841	·819	·812	·805	·822	·846	·868	·889	·915	·911	·911	·908	·911	·887	·876	·859
6	·857	·867	·853	·858	·861	·858	·864	·876	·883	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	—	·826	·769	·781	·794	·792	·803	·825	·859	·888	·878	·838	·829	·822	·809	·809	·837
8	·767	·776	·751	·753	·758	·757	·758	·758	·760	·766	·771	·776	·782	·790	·787	·780	·773	·747	·735	·720	·753	·810	·795	·667	·762
9	·657	·653	·648	·649	·644	·653	·655	·704	·725	·724	·722	·716	·711	·656	·623	·686	·633	·645	·650	·724	·689	·672	·665	·643	·673
10	·657	·660	·670	·675	·675	·683	·683	·686	·723	·730	·736	·738	·740	·776	·791	·809	·802	·830	·839	·845	·819	·830	·830	·841	·753
11	·802	·787	·789	·778	·785	·772	·750	·758	·810	·796	·782	·782	·782	·747	·731	·732	·732	·715	·750	·706	·735	·735	·723	·690	·757
12	·670	·675	·694	·694	·660	·671	·668	·675	·759	·736	·713	·684	·655	·656	·655	·697	·720	·732	·726	·703	·715	·713	·664	·697	·693
13	·694	·721	·726	·732	·732	·754	·773	·769	·776	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	·816	·856	·859	·862	·845	·814	·791	·813	·816	·806	·820	·837	·825	·827	·794	·794
15	·823	·752	·759	·759	·766	·753	·767	·754	·747	·751	·755	·763	·771	·767	·806	·802	·781	·798	·762	·773	·776	·779	·809	·808	·774
16	·802	·804	·779	·768	·722	·729	·748	·739	·726	·726	·725	·735	·745	·764	·790	·781	·790	·788	·803	·793	·805	·766	·756	·758	·764
17	·751	·752	·755	·793	·788	·770	·759	·791	·824	·811	·797	·798	·799	·806	·795	·797	·792	·792	·819	·810	·791	·817	·810	·790	·792
18	·782	·785	·786	·776	·819	·813	·821	·825	·836	·831	·826	·831	·837	·792	·814	·791	·806	·828	·830	·830	·835	·796	·791	·805	·812
19	·808	·776	·778	·775	·768	·751	·751	·794	·795	·793	·790	·788	·787	·792	·771	·764	·767	·784	·798	·800	·792	·773	·791	·791	·782
20	·753	·755	·779	·766	·758	·708	·721	·757	·782	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	—	·777	·771	·790	·809	·820	·822	·854	·820	·844	·841	·844	·871	·889	·844	·850	·801
22	·851	·832	·833	·845	·844	·845	·818	·825	·827	·826	·824	·820	·816	·812	·836	·836	·871	·896	·900	·819	·877	·900	·875	·880	·846
23	·861	·853	·864	·852	·857	·875	·867	·850	·822	·829	·836	·846	·856	·852	·789	·816	·816	·870	·895	·874	·889	·891	·861	·864	·854
24	·854	·845	·853	·851	·850	·864	·856	·844	·841	·832	·822	·815	·808	·828	·859	·845	·836	·870	·859	·879	·872	·872	·879	·817	·848
25	·800	·825	·827	·831	·863	·857	·847	·864	·846	·842	·837	·832	·828	·828	·837	·836	·819	·838	·864	·862	·889	·867	·823	·801	·840
26	·823	·805	·820	·828	·817	·807	·803	·790	·786	·779	·771	·771	·771	·777	·771	·763	·771	·803	·848	·814	·813	·834	·812	·796	·799
27	·799	·818	·811	·764	·757	·758	·762	·770	·771	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	·695	·618	·612	·606	·620	·685	·618	·655	·668	·691	·709	·729	·704	·725	·691	·710
29	·738	·731	·672	·686	·694	·714	·697	·709	·744	·727	·710	·731	·753	·751	·745	·773	·779	·780	·796	·780	·766	·772	·737	·735	·738
30	·731	·738	·741	·751	·769	·782	·792	·787	·735	·731	·726	·737	·749	·725	·712	·705	·720	·759	·753	·779	·802	·789	·797	·749	·752
31																									
Means	0·778	·774	·772	·772	·774	·775	·775	·784	·789	·782	·775	·777	·779	·775	·778	·784	·790	·805	·809	·803	·811	·808	·800	·785	0·786

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR

HUMIDITY OF AIR—DECEMBER 1858

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·84	0·81	0·83	0·83	0·84	0·91	0·95	0·96	0·94	0·94*	0·93	0·92*	0·92	0·93	0·93	0·90	0·87	0·82	0·80	0·77	0·73	0·75	0·76	0·75	0·860
2	·78	·79	·81	·83	·85	·87	·92	·93	·93	·93	·93	·94	·95	·95	·95	·91	·87	·81	·76	·72	·71	·69	·66	·68	·840
3	·73	·81	·84	·86	·89	·89	·90	·94	·96	·95	·94	·95	·96	·95	·93	·91	·84	·72	·69	·65	·68	·68	·69	·66	·834
4	·63	·71	·76	·78	·82	·86	·95	·99	·95	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	·93	·91	·92	·93	·93	·92	·86	·73	·65	·49	·47	·48	·47	·49	·52	·756
6	·55	·59	·65	·64	·64	·70	·70	·67	·73	·78	·83	·84	·86	·89	·82	·76	·70	·70	·66	·65	·71	·65	·59	·63	·706
7	·67	·71	·74	·73	·73	·77	·78	·80	·82	·84	·86	·88	·91	·87	·83	·78	·75	·73	·73	·73	·76	·75	·76	·72	·777
8	·75	·79	·80	·81	·81	·80	·80	·82	·79	·80	·80	·81	·82	·83	·87	·87	·82	·68	·70	·66	·65	·67	·63	·69	·770
9	·68	·69	·71	·71	·72	·76	·76	·77	·81	·82	·82	·82	·82	·87	·91	·71	·65	·63	·61	·60	·61	·62	·61	·66	·724
10	·68	·71	·73	·73	·74	·73	·73	·75	·82	·85	·87	·87	·87	·87	·86	·74	·60	·61	·61	·59	·61	·63	·67	·62	·729
11	·65	·68	·72	·73	·73	·72	·81	·85	·88	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	·87	·86	·86	·87	·89	·90	·80	·76	·72	·73	·75	·73	·70	·69	·64	·772
13	·66	·67	·70	·70	·69	·75	·79	·82	·87	·89	·90	·91	·92	·92	·91	·86	·77	·66	·66	·60	·63	·61	·59	·64	·755
14	·61	·64	·65	·66	·67	·69	·76	·78	·81	·81	·80	·83	·87	·86	·84	·80	·81	·73	·69	·69	·68	·69	·69	·70	·740
15	·74	·75	·73	·73	·71	·74	·74	·77	·86	·86	·85	·87	·90	·92	·93	·89	·82	·68	·68	·62	·63	·63	·64	·64	·764
16	·64	·70	·68	·70	·72	·73	·74	·76	·85	·86	·86	·86	·86	·88	·84	·80	·76	·75	·71	·70	·72	·72	·70	·68	·759
17	·70	·76	·80	·80	·82	·84	·86	·91	·89	·88	·86	·87	·88	·88	·89	·86	·80	·79	·75	·72	·68	·67	·66	·68	·802
18	·75	·81	·83	·89	·94	·93	·94	·95	·95	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	·92	·89	·91	·93	·95	·94	·89	·83	·73	·72	·72	·73	·69	·69	·68	·842
20	·73	·78	·80	·80	·81	·82	·83	·83	·86	·88	·89	·90	·91	·89	·94	·86	·84	·78	·66	·67	·71	·71	·69	·68	·803
21	·69	·75	·77	·80	·83	·87	·93	·95	·97	·96	·94	·94	·95	·97	·93	·91	·91	·80	·76	·77	·77	·70	·70	·69	·844
22	·74	·76	·76	·77	·78	·79	·79	·82	·82	·82	·82	·83	·85	·90	·91	·79	·70	·68	·68	·68	·65	·67	·66	·70	·765
23	·65	·71	·73	·77	·78	·80	·82	·81	·91	·91	·90	·90	·91	·92	·91	·84	·67	·61	·59	·59	·62	·64	·62	·62	·760
24	·63	·70	·70	·70	·69	·77	·78	·80	·83	·86	·89	·90	·92	·93	·89	·77	·63	·62	·60	·62	·62	·61	·61	·63	·737
25	·68	·71	·70	·74	·76	·76	·76	·78	·79	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	·84	·89	·89	·90	·93	·92	·86	·71	·68	·66	·65	·66	·65	·62	·66	·758
27	·68	·70	·72	·75	·78	·80	·80	·75	·76	·79	·81	·86	·91	·90	·90	·83	·75	·68	·66	·65	·65	·65	·66	·68	·755
28	·71	·73	·75	·76	·76	·78	·79	·86	·83	·86	·89	·89	·90	·91	·88	·84	·70	·67	·65	·68	·65	·65	·67	·70	·771
29	·70	·73	·75	·75	·74	·75	·75	·76	·78	·82	·85	·88	·91	·90	·87	·76	·69	·67	·66	·63	·63	·62	·65	·68	·747
30	·67	·70	·75	·72	·74	·74	·75	·80	·81	·85	·88	·88	·89	·90	·90	·84	·67	·66	·67	·66	·65	·64	·64	·64	·752
31	·68	·70	·72	·75	·78	·82	·83	·86	·90	·91	·91	·90	·89	·90	·89	·85	·65	·65	·67	·64	·64	·67	·66	·66	·772
Means	0·690	·726	·746	·757	·769	·792	·813	·833	·856	·868	·873	·883	·897	·905	·897	·833	·752	·700	·676	·662	·666	·660	·656	·664	0·774

TENSION OF VAPOUR—DECEMBER 1858

	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.*	In.	In.*	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·791	0·760	0·765	0·770	0·772	0·811	0·820	0·813	0·770	0·755	0·740	0·738	0·737	0·727	0·732	0·750	0·776	0·784	0·797	0·779	0·754	0·762	0·799	0·739	0·768
2	·759	·732	·737	·743	·747	·749	·764	·760	·752	·748	·743	·743	·743	·742	·748	·767	·771	·760	·738	·727	·734	·692	·672	·677	·739
3	·700	·726	·735	·742	·753	·744	·743	·744	·726	·711	·696	·695	·695	·698	·700	·734	·740	·686	·657	·637	·667	·677	·683	·635	·705
4	·600	·633	·643	·650	·661	·676	·699	·709	·677	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	·647	·616	·620	·624	·624	·616	·631	·617	·590	·462	·448	·464	·447	·468	·482	·596
6	·497	·514	·548	·528	·519	·547	·547	·530	·539	·550	·560	·566	·573	·590	·562	·583	·567	·599	·595	·605	·660	·602	·567	·591	·564
7	·602	·617	·621	·623	·623	·652	·653	·659	·667	·660	·653	·656	·660	·634	·623	·608	·643	·660	·660	·685	·719	·716	·698	·666	·652
8	·666	·691	·694	·699	·702	·704	·705	·736	·702	·704	·705	·707	·710	·713	·730	·741	·722	·665	·697	·647	·661	·679	·631	·655	·694
9	·645	·631	·639	·640	·640	·673	·673	·676	·709	·706	·703	·687	·671	·694	·711	·652	·599	·614	·597	·595	·596	·605	·598	·642	·650
10	·632	·632	·633	·630	·626	·617	·605	·600	·620	·625	·630	·627	·624	·611	·622	·615	·532	·574	·573	·572	·598	·617	·637	·585	·610
11	·589	·594	·600	·598	·595	·583	·640	·651	·658	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	·653	·648	·649	·650	·640	·642	·595	·613	·634	·645	·671	·671	·642	·625	·588	·628
13	·596	·572	·586	·585	·570	·581	·592	·611	·622	·631	·639	·640	·641	·634	·626	·635	·624	·585	·610	·557	·600	·575	·558	·566	·601
14	·544	·553	·554	·556	·563	·565	·587	·590	·598	·602	·605	·632	·660	·659	·643	·648	·682	·685	·648	·654	·644	·649	·653	·653	·618
15	·668	·668	·653	·649	·632	·645	·641	·651	·664	·658	·652	·658	·664	·673	·681	·683	·687	·621	·620	·583	·606	·606	·609	·604	·645
16	·587	·607	·586	·593	·602	·617	·615	·616	·634	·640	·645	·649	·653	·659	·628	·632	·646	·667	·655	·661	·679	·680	·666	·643	·636
17	·622	·650	·657	·657	·664	·658	·660	·664	·640	·628	·616	·620	·625	·618	·626	·654	·662	·701	·716	·679	·673	·683	·659	·673	·654
18	·695	·707	·713	·725	·719	·698	·695	·698	·700	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	·695	·690	·691	·693	·705	·673	·705	·719	·689	·711	·706	·723	·684	·676	·653	·698
20	·672	·687	·693	·688	·692	·686	·688	·689	·696	·698	·700	·691	·683	·667	·684	·690	·720	·737	·641	·665	·699	·702	·685	·668	·688
21	·651	·675	·681	·688	·696	·699	·716	·719	·700	·685	·669	·672	·675	·685	·693	·710	·735	·734	·740	·746	·752	·697	·703	·675	·700
22	·702	·678	·672	·669	·671	·678	·678	·681	·675	·670	·664	·655	·647	·624	·644	·622	·630	·643	·654	·664	·671	·658	·628	·661	·660
23	·592	·615	·634	·651	·660	·661	·644	·635	·643	·634	·624	·625	·626	·625	·616	·606	·575	·559	·557	·568	·592	·606	·585	·580	·613
24	·585	·606	·607	·607	·588	·618	·619	·627	·645	·641	·636	·632	·629	·626	·622	·624	·545	·557	·549	·571	·596	·598	·598	·607	·606
25	·621	·632	·625	·640	·650	·651	·651	·658	·656	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	·659	·662	·653	·645	·647	·644	·670	·638	·644	·641	·633	·637	·618	·592	·597	·640
27	·603	·603	·607	·622	·626	·632	·624	·622	·621	·625	·628	·635	·642	·642	·642	·656	·662	·643	·646	·670	·651	·638	·640	·646	·634
28	·657	·646	·648	·648	·645	·651	·645	·653	·645	·642	·639	·631	·624	·626	·600	·636	·621	·618	·615	·643	·633	·633	·644	·652	·637
29	·645	·637	·643	·643	·635	·638	·630	·632	·630	·638	·646	·644	·643	·641	·634	·620	·627	·649	·636	·623	·629	·622	·632	·640	·636
30	·625	·613	·643	·619	·618	·618	·617	·624	·618	·618	·618	·619	·620	·619	·616	·621	·597	·606	·658	·632	·632	·631	·613	·606	·621
31	·616	·605	·605	·622	·631	·648	·638	·640	·640	·642	·643	·640	·637	·628	·621	·627	·591	·615	·661	·643	·648	·666	·650	·624	·633
Means	0·636	·640	·645	·648	·648	·656	·659	·663	·661	·658	·654	·655	·655	·654	·651	·656	·650	·649	·644	·639	·651	·644	·636	·630	0·649

*The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

DIRECTION AND FORCE OF THE WIND

DIRECTION OF THE WIND—JANUARY 1858

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction
Madras Mean Time	h.m. 4.41	h.m. 5.41	h.m. 6.41	h.m. 7.41	h.m. 8.41	h m. 9.41	h.m. 10.41	h.m. 11.41	h.m. 12.41	h.m. 13.41	h.m. 14.41	h.m. 15.41	h.m. 16.41	h.m. 17.41	h.m. 18.41	h.m. 19.41	h.m. 20.41	h.m. 21.41	h.m. 22.41	h.m. 23.41	h.m. 0.41	h.m. 1.41	h.m. 2.41	h.m. 3.41		
	parts	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	o	
1	4	4	4	4	4	4	4	3	2	2	2	2	2	2	2	2	2	3	3	4	4	4	4	4	35	NE by N
2	4	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	5	5	4	4	42	N E
3	5	5	4	4	4	4	4	4	4	4	4	29	29	29	29	29	31	1	7	8	5	6	6	6	32	NE by N
4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4	4	4	5	5	4	4	4	53	NE by E
5	5	5	6	6	6	6	6	5	5	4	5	5	5	5	5	5	6	6	6	5	5	5	5	4	59	NE by E
6	3	2	3	3	3	3	3	3	4	4	4	4	4	4	4	4	3	4	3	5	5	5	4	5	42	N E
7	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	6	5	6	5	5	4	4	4	49	N E
8	5	4	4	4	5	4	4	4	4	5	5	5	5	5	5	5	29	29	31	2	3	3	3	4	38	NE by N
9	4	3	4	4	4	4	4	4	4	4	4	4	4	3	1	0	1	2	4	4	4	4	4	4	38	NE by N
10	3	3	2	2	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	40	N E
11	4	4	4	5	5	4	4	4	5	5	5	5	5	2	2	2	2	2	3	5	5	6	6	6	47	N E
12	4	4	4	4	4	4	4	4	4	3	3	2	31	31	31	31	4	4	4	4	4	3	3	4	33	NE by N
13	5	5	5	5	5	6	6	7	7	7	7	7	7	7	7	4	7	7	7	7	7	7	7	7	72	E N E
14	6	6	5	5	5	6	6	7	7	7	7	7	7	7	5	4	1	10	8	9	9	9	8	7	74	E by N
15	5	5	5	4	4	4	4	4	5	5	5	5	5	5	5	1	1	6	7	8	8	8	8	8	59	NE by E
16	6	5	5	5	5	5	6	6	6	6	6	6	6	5	4	3	3	6	7	7	7	7	7	7	64	E N E
17	6	6	5	5	5	5	5	5	5	5	4	4	4	4	4	3	3	4	8	8	7	7	8	8	60	NE by E
18	6	7	7	6	6	6	7	7	7	6	6	2	2	2	2	2	2	9	8	9	8	9	8	8	67	E N E
19	6	7	7	7	7	7	7	7	7	2	2	2	2	2	2	2	30	31	7	8	9	8	7	9	57	NE by E
20	8	8	8	8	8	8	8	8	8	8	8	8	3	2	2	2	26	23	15	11	10	10	10	9	88	E
21	9	8	8	8	8	8	10	10	10	10	25	26	26	26	23	23	24	22	22	18	20	16	15	16	183	S
22	15	15	15	15	15	12	14	14	14	14	20	20	20	20	20	20	20	19	15	13	15	12	12	11	178	S
23	8	8	7	7	8	9	9	10	10	10	10	10	10	19	19	19	19	14	12	12	12	12	11	10	129	SE by E
24	10	9	9	9	9	10	10	10	10	10	10	10	10	10	10	7	6	6	8	8	9	7	2	3	95	E
25	11	10	10	10	11	11	11	11	11	11	11	11	11	12	12	12	12	14	14	14	13	12	12	11	130	S E
26	10	10	10	11	11	11	10	10	10	10	10	10	10	10	10	10	11	11	11	11	12	11	10	10	117	E S E
27	10	10	9	9	8	9	9	9	9	9	9	9	9	3	3	2	3	5	6	8	8	8	8	8	84	E by N
28	7	7	7	7	7	7	8	8	8	8	8	8	8	3	3	3	4	5	8	8	8	8	8	8	77	E by N
29	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	3	4	4	5	5	5	5	5	54	NE by E
30	4	4	4	4	4	5	5	5	5	6	6	6	7	7	7	8	8	8	8	8	7	7	7	5	68	E N E
31	5	5	5	5	6	6	8	8	8	4	4	4	4	4	4	3	3	6	7	7	7	7	8	7	63	E N E
Hourly Means	o 70 ENE	o 68 ENE	o 66 ENE	o 66 ENE	o 68 ENE	o 68 ENE	o 71 ENE	o 71 ENE	o 73 ENE	o 69 ENE	o 65 ENE	o 61 NEbE	o 59 NEbE	o 56 NEbE	o 53 NEbE	o 60 NE	o 56 NEbE	o 54 NEbE	o 83 EbN	o 85 E	o 85 E	o 81 EbN	o 77 EbN	o 76 EbN	o 73	E N E
No. of Observations with the wind in each quarter: N W	0	0	0	0	0	0	0	0	0	0	1	2	3	3	2	2	5	2	1	0	0	0	0	0	21	Obs. N W
S W	0	0	0	0	0	0	0	0	0	0	1	1	1	2	3	3	2	3	1	1	1	1	0	1	21	„ S W
S E	8	8	7	7	8	8	10	10	10	9	7	7	6	3	3	3	3	6	11	15	12	11	13	11	196	„ S E
N E	23	23	24	24	23	23	21	21	21	22	22	21	21	23	23	23	21	20	18	15	18	19	18	19	506	„ N E

FORCE OF THE WIND—JANUARY 1858

	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	
1	0·10	0·08	0·01	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·02	0·04	0·08	0·10	0·13	0·15	0·12	0·13	0·10	0·04	
2	·02	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	.00	·00	·00	·00	·00	·00	·00	·00	·03	·04	·00	
3	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·04	·03	·05	·03	·01	
4	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·03	·04	·01	·01	
5	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·02	·04	·04	·10	·08	·06	·01	
6	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·04	·08	·10	·08	·04	·02	
7	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·02	·00	·01	·01	
8	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·07	·06	·10	·01	
9	·03	·00	·00	·00	·00	·00	.00	·00	·00	·00	·00	·00	·00	.00	·00	·00	·00	·00	·08	·07	·06	·08	·12	·14	·02	
10	·10	·13	·09	·01	·00	·03	·00	·00	·01	·01	·02	·03	·01	·03	·07	·03	·08	·09	·12	·13	·15	·17	·15	·14	·07	
11	·10	·09	·03	·05	·02	·02	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·07	·05	·08	·09	·10	·10	·11	·04	
12	·12	·10	·04	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	.05	·08	·12	·15	·17	·18	·18	·20	·06	
13	·07	·10	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·06	·08	·10	·12	·11	·16	·14	·04	
14	·03	·04	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·05	·08	·12	·10	·08	·02	
15	·04	·08	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·02	·03	·05	·07	·07	·06	·02	
16	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·04	·06	·05	·04	·04	·01	
17	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·05	·08	·06	·05	·05	·01	
18	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·00	·02	·04	·03	·03	·01	
19	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·00	·00	·02	·03	·04	·05	·05	·01	
20	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·00	·00	·02	·01	·01	·00	·00	
21	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·04	·07	·12	·04	·05	·01	·03	·02	·02	
22	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·00	·01	·02	·00	
23	·05	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·00	·01	·00	·03	·03	·01	
24	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·02	·02	·02	·06	·01	
25	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·03	·05	·00	
26	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·08	·06	·13	·18	·10	·05	·03	
27	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·03	·04	·07	·10	·08	·10	·08	·02	
28	·08	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·02	·12	·10	·15	·16	·18	·18	·04	
29	·10	·08	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·07	·12	·10	·15	·14	·25	·32	·06	
30	·12	·07	·02	·00	·00	·01	·03	·05	·06	·08	·05	·02	·01	·00	·02	·04	·06	·09	·10	·12	·17	·15	·18	·25	·07	
31	·12	·10	·05	·05	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·04	·07	·08	·12	·13	·11	·13	·04	
Means	0·04	·03	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·02	·04	·05	·07	·08	·08	·08	0·02	

The force is given in pounds and decimals of a pound on one square foot.
The entry ·00 denotes calms or pressures too small to overcome the inertia of the instrument.

DIRECTION AND FORCE OF THE WIND

DIRECTION OF THE WIND—FEBRUARY 1858

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction
Madras Mean Time	h.m. 4.41	h.m. 5.41	h.m. 6.41	h.m. 7.41	h.m. 8.41	h.m. 9.41	h.m. 10.41	h.m. 11.41	h.m. 12.41	h.m. 13.41	h.m. 14.41	h.m. 15.41	h.m. 16.41	h.m. 17.41	h.m. 18.41	h.m. 19.41	h.m. 20.41	h.m. 21.41	h.m. 22.41	h.m. 23.41	h.m. 0.41	h.m. 1.41	h m. 2.41	h.m. 3.41		
	parts	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	o	
1	8	7	7	7	7	7	7	7	7	7	7	7	6	6	5	5	5	5	11	8	10	10	9	10	82	E by N
2	10	10	10	10	10	11	11	11	11	11	11	11	11	11	19	19	19	19	10	13	13	12	12	12	139	S E
3	13	14	14	14	14	14	14	14	14	14	14	16	21	21	21	26	24	24	20	15	13	13	14	13	185	S
4	12	12	13	13	13	13	13	13	13	13	13	13	13	13	13	19	21	19	15	13	13	14	14	14	157	S S E
5	13	13	13	13	13	13	13	13	14	14	14	15	15	15	21	21	21	21	14	14	14	14	14	14	168	S by E
6	14	14	14	13	13	13	13	13	13	13	13	13	13	13	13	13	27	22	9	12	12	12	9	8	151	S E by S
7	10	10	11	12	12	12	12	12	12	12	12	12	12	12	12	12	31	9	8	9	10	10	10	11	134	S E by E
8	11	10	10	11	11	11	11	11	11	12	12	12	12	12	12	21	21	13	13	11	11	10	11	10	136	S E
9	11	12	12	12	12	12	12	12	12	12	12	12	12	12	19	29	29	7	13	13	13	13	13	12	124	S E by E
10	10	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	26	21	12	13	12	11	11	11	137	S E
11	10	10	11	11	11	11	11	11	11	11	11	16	16	16	16	16	17	17	17	14	12	12	12	12	146	S E by S
12	12	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	22	20	16	13	13	13	12	10	153	S S E
13	10	10	10	9	9	9	9	10	10	10	10	10	10	10	10	10	24	19	19	9	8	8	8	7	121	S E by E
14	7	7	8	9	9	9	10	10	10	10	10	10	10	10	10	4	29	30	8	9	9	9	7	7	88	E
15	7	7	7	7	8	8	8	8	8	8	9	11	11	11	11	11	30	7	8	8	8	7	8	8	90	E
16	8	8	8	8	8	8	7	7	7	7	7	7	7	7	9	9	11	9	10	9	8	8	8	8	90	E
17	6	6	7	7	7	7	7	8	7	7	8	8	8	6	5	5	3	7	6	7	9	8	8	7	77	E by N
18	8	7	6	7	7	7	7	8	8	8	9	4	31	31	31	30	30	5	7	9	7	8	7	6	60	N E by E
19	7	7	8	5	5	6	6	6	6	29	29	29	29	30	30	30	2	4	8	8	9	8	9	9	45	N E
20	7	6	5	6	7	8	8	8	8	6	6	6	6	6	6	2	2	5	8	8	7	7	7	7	71	E N E
21	9	8	8	8	8	7	7	7	7	7	7	7	2	2	1	1	6	6	6	5	6	6	6	6	67	E N E
22	7	7	7	6	6	6	7	7	7	7	7	7	7	7	7	7	9	9	8	8	8	8	7	7	81	E by N
23	8	8	8	8	8	8	7	7	7	7	7	7	8	6	6	6	6	6	7	7	7	7	7	9	81	E by N
24	9	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	17	14	16	11	10	10	10	120	S E by E
25	9	11	10	10	10	10	10	10	10	9	9	8	8	8	8	8	8	14	13	10	12	12	12	11	112	E S E
26	12	12	12	12	12	12	12	12	12	12	13	13	13	13	13	19	30	14	13	12	11	11	10	9	132	S E
27	8	10	9	9	9	9	9	9	9	9	9	9	9	9	9	9	17	18	13	13	13	13	13	13	120	S E by E
28	12	12	12	12	12	12	13	19	19	19	20	20	20	20	20	20	21	24	19	13	13	13	13	13	183	S
Hourly Means	o 108 ESE	o 109 ESE	o 110 ESE	o 110 ESE	o 111 ESE	o 111 ESE	o 112 ESE	o 115 ESE	o 115 ESE	o 111 ESE	o 113 ESE	o 115 ESE	o 113 ESE	o 111 ESE	o 119 SEbE	o 104 Ebs	o 98 Ebs	o 144 SEbs	o 131 SE	o 120 SEbE	o 117 ESE	o 115 ESE	o 113 ESE	o 110 ESE	o 116	ESE
No. of Observations with the wind in each quarter — N W	0	0	0	0	0	0	0	0	0	1	1	1	2	2	2	4	10	3	0	0	0	0	0	0	26	Obs. N W
S W	0	0	0	0	0	0	0	1	1	1	1	3	3	3	6	7	8	10	5	1	0	0	0	0	50	„ S W
S E	22	20	22	21	22	22	20	21	20	19	20	17	18	16	14	10	4	6	19	24	24	24	22	21	448	„ S E
N E	6	8	6	7	6	6	8	6	7	7	6	7	5	7	6	7	6	9	4	3	4	4	6	7	148	„ N E

FORCE OF THE WIND—FEBRUARY 1858

	lb.	lb	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	
1	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·02	0·04	0·00	0·00
2	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·15	·00	·00	·00	·01	
3	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·00	·00	·00	·00	·00	·03	·00	·00	
4	·00	·00	·00	·00	·00	·00	.00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·04	·08	·02	·03	·10	·01	
5	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·07	·08	·10	·12	·02	
6	·10	·08	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·08	·00	·01	
7	·07	·08	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·07	·06	·10	·00	·02	
8	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·13	·15	·17	·18	·03	
9	·08	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·05	·07	·03	·01	
10	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·04	·03	·00	
11	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·07	·10	·13	·12	·16	·03	
12	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·10	·03	·06	·08	·04	·07	·02	
13	·08	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·04	·07	·01	
14	·10	·07	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·00	·00	·02	·10	·13	·14	·15	·03	
15	·10	·08	·03	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·08	·10	·15	·18	·17	·04	
16	·10	·08	·10	·11	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·03	·10	·13	·15	·12	·18	·05	
17	·15	·13	·03	·08	·03	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·10	·15	·17	·12	·10	·08	·05	
18	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·08	·07	·10	·08	·07	·02	
19	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·00	·05	·10	·12	·14	·15	·18	·03	
20	·12	·03	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·00	·01	·02	·12	·10	·00	·00	·02	
21	·13	·09	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·08	·10	·13	·14	·16	·17	·17	·05	
22	·15	·08	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·08	·10	·13	·15	·13	·04	
23	·08	·06	·04	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·09	·07	·00	·02	
24	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·06	·00	·00	·00	
25	·02	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·02	·00	·03	·02	·04	·04	·01	
26	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·03	·02	·02	·02	·00	
27	·05	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	01	·00	·03	·05	·08	·01		
28	·08	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	00	·00	·00	·00	·02	·06	·00	·04	·08	·03	·02	·03	·02	
Means	0·06	·03	·01	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·01	·02	·04	·07	·07	·08	·07	0·02	

The force is given in pounds and decimals of a pound on one square foot.
The entry ·00 denotes calms or pressures too small to overcome the inertia of the instrument.

DIRECTION AND FORCE OF THE WIND

DIRECTION OF THE WIND—MARCH 1858

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction
Madras Mean Time	h.m. 4.41	h.m. 5.41	h.m. 6.41	h.m. 7.41	h.m. 8.41	h.m. 9.41	h.m. 10.41	h.m. 11.41	h.m. 12.41	h.m. 13.41	h.m. 14.41	h.m. 15.41	h.m. 16.41	h.m. 17.41	h.m. 18.41	h.m. 19.41	h.m. 20.41	h.m. 21.41	h.m. 22.41	h.m. 23.41	h.m. 0.41	h.m. 1.41	h.m. 2.41	h.m. 3.41		
	parts	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	o	
1	12	12	12	12	12	12	12	12	12	12	12	12	12	22	23	17	16	16	16	12	12	12	12	12	153	SSE
2	14	14	14	13	13	13	13	13	13	13	13	13	13	13	13	14	19	18	18	15	14	14	14	14	158	SSE
3	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	16	13	13	12	12	12	12	146	SE by S
4	13	13	13	13	11	11	11	12	12	12	12	12	12	12	12	12	23	16	14	14	14	14	14	13	148	SE by S
5	12	12	12	12	13	13	13	13	13	13	13	13	13	13	13	13	13	14	15	15	13	13	13	13	147	SE by S
6	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	21	18	14	13	13	13	13	13	160	SSE
7	13	13	13	12	12	12	12	13	13	13	13	13	13	13	13	13	19	17	12	12	12	12	12	12	146	SE by S
8	14	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	18	16	13	13	13	13	13	14	151	SE by S
9	14	14	14	14	13	13	13	13	13	13	13	14	14	14	14	14	27	16	15	14	14	15	15	15	163	SSE
10	12	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	14	12	12	12	10	11	127	SE by E
11	12	13	12	12	12	12	12	12	12	12	12	12	12	12	12	3	3	4	2	3	4	5	5	5	101	E by S
12	12	12	12	12	12	12	12	28	28	28	28	28	28	28	28	28	19	21	18	13	12	12	12	12	209	SW by S
13	11	11	11	11	11	11	11	12	15	15	15	15	16	16	13	13	13	13	13	13	10	12	10	9	141	SE by S
14	13	13	13	13	13	13	13	13	13	14	14	14	14	14	18	20	18	15	15	15	15	15	13	14	162	SSE
15	12	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	16	14	13	13	13	13	14	148	SE by S
16	14	13	13	13	13	13	13	13	13	13	13	13	13	13	13	23	20	19	19	14	13	13	12	12	160	SSE
17	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	19	19	14	14	14	14	14	14	155	SSE
18	12	12	12	12	13	13	13	13	13	13	13	13	13	13	13	13	19	16	15	16	12	14	14	14	152	SSE
19	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	13	12	11	11	8	7	130	SE
20	10	10	10	12	12	12	12	12	3	1	1	1	1	1	1	1	5	9	9	11	12	10	10	9	82	E by N
21	8	9	9	9	9	9	9	9	9	9	9	9	9	9	9	28	28	15	12	11	12	12	12	12	99	E by S
22	13	13	13	13	13	13	13	13	13	13	13	13	13	12	12	27	13	13	13	12	12	12	12	12	150	SE by S
23	13	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	15	14	13	13	13	13	13	155	SSE
24	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	20	18	16	14	12	12	10	10	142	SE by S
25	11	11	11	11	11	11	11	11	11	11	11	16	17	17	17	20	19	18	13	13	13	13	13	13	151	SE by S
26	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	16	17	12	12	12	12	11	11	138	SE
27	11	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	14	13	12	12	12	10	10	11	134	SE
28	12	12	11	11	11	12	12	12	12	12	12	12	12	12	11	11	18	21	16	12	12	12	12	12	142	SE by S
29	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	19	21	16	16	12	12	11	11	11	145	SE by S
30	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	13	16	16	16	11	11	11	11	11	132	SE
31	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	13	13	8	7	7	6	6	6	88	E
Hourly Means	o 136 SE	o 136 SE	o 136 SE	o 136 SE	o 135 SE	o 136 SE	o 136 SE	o 143 SEbS	o 141 SEbS	o 129 SEbE	o 129 SEbE	o 143 SEbS	o 143 SEbS	o 147 SEbS	o 147 SEbS	o 163 SSE	o 187 SbW	o 173 SbE	o 154 SSE	o 140 SE	o 135 SE	o 135 SE	o 127 SEbE	o 131 SE	o 142	SE by S

No. of Observations with the wind in each quarter																										
	NW	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	3	2	0	0	0	0	0	0	0	13 Obs. N W
	SW	0	0	0	0	0	0	0	0	0	0	0	1	2	3	3	5	17	19	8	1	0	0	0	0	59 „ S W
	SE	30	30	30	30	30	30	30	30	29	29	29	28	27	26	26	21	10	11	22	28	29	29	29	28	641 „ S E
	NE	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	2	2	1	1	2	2	2	2	3	31 „ N E

FORCE OF THE WIND—MARCH 1858

	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	
1	0·02	0·02	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·10	0·12	0·15	0·17	0·02	
2	·10	·08	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·05	·07	·04	·08	·10	·12	·14	·03	
3	·40	·35	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·00	·02	·04	·06	·08	·00	·04	
4	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·01	·00	·03	·05	·07	·03	·03	·01	
5	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·08	·07	·01		
6	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·13	·10	·03	·06	·08	·10	·12	·14	·03	
7	·15	·10	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·02	·04	·06	·10	·02	·00	·02	
8	·10	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·10	·00	·00	·10	·08	·02	
9	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·04	·02	·00	
10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·00	·02	·08	·00	·01	
11	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·03	·00	
12	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
13	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
14	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·02	·00	·00	·00	·00	·03	·02	·00	
15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·02	·03	·03	·00	
16	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·01	·02	·00	·00	·08	·12	·14	·02	
17	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·03	·00	·00	·03	·10	·07	·10	·02	
18	·03	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·00	·00	·00	·03	·02	·00	
19	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·01	·01	·03	·05	·01	
20	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·01	·00	·00	·00	·00	·00	
21	·00	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·02	·01	·02	·00		
22	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·00	·03	·02	·05	·06	·01	
23	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·00	·00	·01	·00	·00	·00	
24	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
25	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·05	·04	·02	·01		
26	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·02	·02	·03	·01	·00	·00	·00	
27	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·02	·02	·03	·10	·12	·14	·02	
28	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·00	·00	·04	·03	·10	·10	·01	
29	·12	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·03	·08	·01	·02	·01	·05	·06	·02	
30	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·00	·00	·02	·01	·03	·00	
31	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·01	·10	·03	·01	
Means	0·04	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·01	·01	·01	·02	·04	·05	·05	0·01	

The force is given in pounds and decimals of a pound on one square foot.
The entry ·00 denotes calms or pressures too small to overcome the inertia of the instrument.

DIRECTION AND FORCE OF THE WIND

DIRECTION OF THE WIND—APRIL 1858

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction
Madras Mean Time	h.m. 4.41	h.m. 5.41	h.m. 6.41	h.m. 7.41	h.m. 8.41	h.m. 9.41	h.m. 10.41	h.m. 11.41	h.m. 12.41	h.m. 13.41	h.m. 14.41	h.m. 15.41	h.m. 16.41	h.m. 17.41	h.m. 18.41	h.m. 19.41	h.m. 20.41	h.m. 21.41	h.m. 22.41	h.m. 23.41	h.m. 0.41	h.m. 1.41	h.m. 2.41	h.m. 3.41		
	parts	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	o	
1	12	12	12	12	11	11	11	11	11	11	11	11	11	11	11	11	11	12	11	11	11	11	9	10	125	SE by E
2	10	10	10	10	10	10	11	11	11	11	11	11	11	11	11	11	11	19	18	17	13	12	10	10	142	SE
3	10	11	12	12	12	12	12	12	12	12	12	12	12	12	12	12	18	18	13	13	13	13	13	13	153	SE by S
4	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	17	15	13	12	12	11	11	11	138	SE
5	13	11	11	11	11	11	11	11	11	11	12	12	12	12	12	12	12	12	13	12	11	10	10	10	128	SE by E
6	11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	24	22	23	11	9	9	10	10	131	SE
7	10	11	11	11	11	11	11	11	11	11	11	11	11	11	11	19	19	19	13	12	12	12	12	12	138	SE
8	8	9	9	9	9	9	9	9	9	11	15	15	16	16	16	16	15	16	15	11	10	11	11	11	134	SE
9	12	12	12	12	12	12	13	13	13	14	14	14	14	14	14	17	18	20	20	20	13	13	13	13	160	SSE
10	13	14	14	15	16	17	15	15	16	16	16	16	16	17	19	19	20	21	21	25	13	13	14	14	185	S
11	13	15	15	13	13	13	13	15	16	17	17	17	17	17	17	18	19	20	21	21	14	14	14	13	179	S
12	12	12	12	16	14	13	14	16	15	15	17	17	16	16	16	16	16	18	13	12	12	12	12	12	161	SSE
13	12	12	13	13	13	14	14	14	14	17	19	18	18	17	17	17	19	19	15	15	15	15	15	15	173	S by E
14	12	12	12	12	12	12	13	13	13	13	16	16	16	16	16	16	16	14	12	12	12	12	12	12	151	SE by S
15	13	12	12	12	12	12	12	12	12	12	12	12	12	12	12	17	17	17	13	13	12	12	12	12	143	SE by S
16	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	14	14	13	13	12	12	12	12	138	SE
17	12	12	11	10	10	10	10	10	11	11	11	11	11	11	11	11	11	11	9	9	9	9	9	9	117	ESE
18	9	9	9	10	10	11	11	11	11	11	11	11	11	11	11	11	15	11	10	11	9	9	10	10	119	SE by E
19	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	12	11	9	9	9	9	112	ESE
20	10	10	10	11	11	11	11	11	11	11	11	11	11	11	11	12	16	16	16	10	10	10	11	11	128	SE by E
21	10	10	10	10	10	10	10	10	10	11	11	11	11	11	11	11	10	10	10	9	9	9	9	9	113	ESE
22	11	11	11	11	12	12	12	12	12	12	12	12	12	12	12	12	15	15	12	12	12	12	12	12	136	SE
23	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	12	13	15	11	11	11	12	11	12	128	SE by E
24	12	11	12	12	12	12	12	12	13	13	13	13	13	13	13	13	16	16	11	11	11	11	10	10	138	SE
25	12	12	12	12	12	12	12	12	12	12	12	13	13	13	13	13	15	15	11	11	10	10	9	9	135	SE
26	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	16	12	10	11	10	11	11	11	133	SE
27	7	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	8	8	8	7	8	8	7	7	116	ESE
28	5	5	7	7	8	9	9	9	9	8	7	5	5	5	5	5	6	5	7	5	5	5	4	9	72	ENE
29	5	5	6	7	7	7	8	13	10	10	7	6	6	13	15	17	12	10	11	11	12	11	11	10	108	ESE
30	7	7	7	7	7	7	7	7	7	7	7	7	7	7	8	12	12	10	12	12	12	12	11	12	99	E by S
31																										
Hourly Means	o 119 SEbE	o 122 SEbE	o 123 SEbE	o 125 SEbE	o 125 SEbE	o 126 SEbE	o 127 SEbE	o 131 SE	o 131 SE	o 134 SE	o 136 SE	o 135 SE	o 135 SE	o 138 SE	o 140 SE	c 149 SEbS	o 165 SbE	o 165 SbE	o 149 SEbS	o 139 SE	o 124 SEbE	o 124 SEbE	o 122 SEbE	o 124 SEbE	o 134	SE
No. of Observations with the wind in each quarter — NW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	2	Obs. NW
SW	0	0	0	1	1	1	0	1	2	3	5	5	6	6	6	10	13	13	6	3	0	0	0	0	82	„ SW
SE	26	27	27	26	27	27	29	28	27	26	22	22	21	22	23	19	15	16	23	24	29	29	28	29	592	„ SE
NE	4	3	3	3	2	2	1	1	1	1	3	3	3	2	1	1	1	1	1	2	1	1	2	1	44	„ NE

FORCE OF THE WIND—APRIL 1858

	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	
1	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	
2	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	0·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
3	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·10	·07	·01		
4	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·02	·00		
5	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·00	·03	·01	·02	·03	·00		
6	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00		
7	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00		
8	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·03	·08	·00	·00	·02	·03	·00	·01	
9	·08	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·12	·15	·00	·10	·08	·07	·03	
10	·08	·10	·04	·03	·08	·07	·00	·00	·00	·00	·00	·00	·00	·00	·00	·04	·08	·12	·10	·08	·02	·04	·06	·00	·04	
11	·10	·02	·04	·00	·00	·00	·00	·00	·00	·00	·02	·00	·00	·00	·02	·10	·12	·08	·07	·06	·02	·13	·30	·35	·06	
12	·25	·20	·10	·00	·00	·00	·00	·00	·10	·05	·45	·42	·00	·00	·00	·00	·08	·10	·07	·10	·40	·50	·45	·75	·16	
13	·45	·27	·10	·00	·00	·00	·00	·00	·00	·00	·00	·20	·10	·00	·00	·00	·10	·08	·07	·22	·55	·65	1·15	1·20	·21	
14	·25	·13	·08	·06	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·10	·30	·25	·42	0·37	0·42	·10	
15	·32	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·02	·08	·45	·50	·80	·45	·40	·13	
16	·08	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·25	·35	·40	·25	·18	·07	
17	·05	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·05	·04	·01		
18	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·01	·00	·00	·02	·00	
19	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·15	·17	·14	·02		
20	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
21	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
22	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
23	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·25	·40	·22	·10	·04		
24	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·00	·02	·05	·10	·05	·15	·02	
25	·22	·15	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	.00	·00	·00	·00	·03	·02	·05	·10	·12	·03	
26	·15	·20	·08	·07	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·10	·12	·03	
27	·15	·08	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·00	·02	·01	·02	·01	
28	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·02	·03	·00	·02	·03	·01	·02	·00	·01	
29	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
30	·00	·00	·00	·00	·00	.00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
31																										
Means	0·07	·04	·02	·01	·00	·00	·00	·00	·00	·00	·02	·02	·00	·00	·00	·01	·02	·02	·03	·06	·08	·13	·13	·14	0·03	

The force is given in pounds and decimals of a pound on one square foot.
The entry ·00 denotes calms or pressures too small to overcome the inertia of the instrument.

DIRECTION AND FORCE OF THE WIND

DIRECTION OF THE WIND—MAY 1858

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction
Madras Mean Time	h.m. 4.41	h.m. 5.41	h.m. 6.41	h.m. 7.41	h.m. 8.41	h.m. 9.41	h.m. 10.41	h.m. 11.41	h.m. 12.41	h.m. 13.41	h.m. 14.41	h.m. 15.41	h.m. 16.41	h.m. 17.41	h.m. 18.41	h.m. 19.41	h.m. 20.41	h.m. 21.41	h.m. 22.41	h.m. 23.41	h.m. 0.41	h.m. 1.41	h.m. 2.41	h.m. 3.41		
	parts	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	o	
1	10	11	12	12	13	13	13	14	14	14	14	14	14	14	14	14	13	12	13	11	11	11	10	9	141	SE by S
2	10	10	11	11	11	11	15	15	15	15	15	15	15	15	15	15	10	8	8	8	9	12	9	9	134	SE
3	8	10	12	11	11	11	11	10	8	8	5	4	8	4	4	4	4	4	6	4	8	8	9	9	85	E
4	4	4	4	4	2	3	2	31	31	31	30	29	29	30	31	29	29	31	30	29	6	10	11	12	17	NNE
5	14	15	16	15	15	16	16	18	18	16	16	16	17	17	18	19	19	19	19	18	19	19	13	14	88	S by W
6	16	13	12	12	13	13	13	13	13	13	13	13	13	13	13	14	15	17	18	18	15	14	12	12	155	SSE
7	14	14	14	14	15	15	15	16	16	16	16	16	17	17	17	19	20	22	22	19	19	13	13	13	184	S
8	19	19	19	20	20	20	20	20	20	20	21	21	21	21	21	22	28	29	29	29	29	27	10	18	245	WSW
9	28	28	17	18	18	21	0	23	24	30	31	31	1	3	5	8	24	24	24	24	27	27	26	26	310	NW
10	16	16	16	15	15	15	15	15	15	15	15	15	16	16	17	19	20	20	23	26	26	26	10	12	194	S by W
11	13	13	14	16	16	16	16	19	19	20	20	20	23	23	23	24	27	27	28	6	7	8	8	9	194	S by W
12	11	13	14	14	14	16	16	15	16	16	16	16	16	17	17	17	20	22	21	20	12	12	12	12	176	S
13	10	11	11	13	13	13	13	13	14	15	15	15	16	16	15	15	15	20	12	10	9	10	10	12	148	SE by S
14	11	12	12	12	12	13	14	13	16	16	16	16	16	16	15	16	16	17	15	11	11	11	11	11	154	SSE
15	12	14	14	14	14	15	14	15	19	19	19	19	19	19	19	20	20	20	20	20	20	20	20	20	199	SSW
16	21	21	21	21	22	Board Stopped			—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	?	—
17	28	28	25	26	26	28	24	21	21	21	21	21	23	23	23	26	25	24	22	22	22	21	20	18	262	W by S
18	18	19	24	20	21	21	20	20	20	22	23	23	23	23	23	27	20	20	20	22	20	20	22	22	240	SW by W
19	18	18	21	20	20	22	22	22	22	23	23	23	23	23	23	22	20	21	21	24	24	24	27	26	249	WSW
20	24	23	23	24	25	26	26	24	24	24	23	23	23	23	23	23	21	21	21	22	22	24	23	23	262	W by S
21	22	22	16	16	18	17	17	17	17	18	23	23	23	23	23	Clock Stopped			—	—	—	—	—	—	?	—
22																										
23																										
24																										
25																										
26																										
27																										
28																										
29																										
30																										
31																										

Clock Continually Stopping

Hourly Means	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	—

No. of Observations with the wind in each quarter																											
NW	3	2	2	2	2	2	2	2	3	3	2	2	1	1	1	4	5	5	4	5	4	5	2	2	66	Obs.	NW
SW	7	7	8	7	7	7	7	9	11	11	12	12	14	14	12	9	9	11	10	8	6	4	4	5	211	„	SW
SE	10	11	10	11	11	9	9	9	6	6	5	5	4	3	5	5	4	2	4	4	7	10	13	12	175	„	SE
NE	1	1	1	1	1	2	2	0	0	0	1	1	1	2	2	1	1	1	1	2	2	0	0	0	24	„	NE

FORCE OF THE WIND—MAY 1858

	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.
1	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·02	0·00	0·02	0·01	0·00	0·00	0·00
2	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·03	·02	·01	·00	·00	·02	·00
3	·00	·00	·02	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·00	·00	·02	·10	·08	·01
4	·05	·00	·00	·00	·00	·00	·03	·05	·13	·20	·28	·35	·38	·10	·15	·27	2·90	3·75	2·00	1·20	·50	·38	·35	·33	·56
5	1·55	1·25	1·15	·65	·30	·25	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	0·00	0·00	0·00	0·00	·00	·00	·00	·00	·21
6	0·00	0·00	0·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
7	·00	·12	·00	·00	·03	·18	·13	·15	.12	·00	·00	·00	·00	·00	·00	·00	·00	·10	·15	·08	·02	·00	·00	·02	·05
8	·07	·05	·08	·03	·10	·04	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·15	·20	·18	·10	·03	·00	·00	·05
9	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·02	·00	·00	·00	·00	·00
11	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·01	·00	·00	·00	·00	·00	·00
12	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
13	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
14	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·00	·00	·02	·05	·00	·00
15	·08	·07	·00	·00	·00	·13	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·05	·10	·13	·35	1·25	1·15	1·35	·90	·23
16	·25	·13	·08	·00	·00	—	—	Board Stopped			—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·00	·00	·00	·03	0·00	0·05	0·00	·00	·00
18	·05	·03	·20	·05	·12	·15	·07	·06	·02	·04	·08	·04	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·04
19	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·15	·18	·65	·55	·07
20	·25	·18	·10	·00	·00	·00	·00	·00	·02	·00	·00	·00	·00	·00	·00	·00	·00	·12	·03	·25	·45	·20	·32	·45	·10
21	·20	·00	·00	·00	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	Clock Stopped				—	—	—	—	—	—
22																									
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									
31																									
Means	0·11	·09	·08	·04	·03	·04	·01	·01	·02	·01	·02	·02	·02	·01	·01	·02	·16	·22	·14	·12	·13	·11	·15	·12	0·07

The force is given in pounds and decimals of a pound on one square foot.
The entry ·00 denotes calms or pressures too small to overcome the inertia of the instrument.

DIRECTION AND FORCE OF THE WIND

DIRECTION OF THE WIND—JUNE 1858

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction
Madras Mean Time	h.m. 4.41	h.m. 5.41	h.m. 6.41	h.m. 7.41	h.m. 8.41	h.m. 9.41	h.m. 10.41	h.m. 11.41	h.m. 12.41	h.m. 13.41	h.m. 14.41	h.m. 15.41	h.m. 16.41	h.m. 17.41	h.m. 18.41	h.m. 19.41	h.m. 20.41	h.m. 21.41	h.m. 22.41	h.m. 23.41	h.m. 0.41	h.m. 1.41	h.m. 2.41	h.m. 3.41		
	parts	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	o	
1																										
2																										
3	20	20	19	20	21	21	28	30	31	28	3	3	3	3	3	3	3	2	2	2	2	3	7	7	73	E N E
4	16	16	16	17	17	16	17	17	17	17	16	16	16	20	20	20	27	26	26	26	27	28	28	28	230	s w
5																										
6	Clock Stopped																									
7																										
8																										
9																										
10																		18	18	19	24	1	4	5		
11	12	12	13	13	16	16	14	14	17	20	17	17	18	20	22	24	25	26	27	26	6	9	10	11	190	s by w
12	10	10	11	12	13	13	13	13	13	13	13	13	17	18	18	21	22	23	23	24	24	24	10	11	179	s
13	13	13	15	20	19	16	16	18	22	24	19	18	18	18	18	20	21	23	23	22	23	25	28	27	225	s w
14	13	13	13	15	14	16	16	16	16	16	16	16	17	17	18	20	21	24	24	22	22	22	13	13	194	s by w
15	13	13	14	16	16	14	18	20	23	24	24	21	24	24	20	20	24	28	28	7	12	11	11	12	205	s s w
16	12	12	14	16	16	16	18	16	16	16	16	16	16	16	18	18	18	22	20	20	20	20	12	12	186	s by w
17	13	13	15	16	21	27	23	22	22	22	22	18	18	18	18	18	19	20	21	21	21	22	22	25	224	s w
18	14	19	17	13	19	17	17	17	17	17	17	17	17	17	20	20	20	20	21	20	20	20	20	20	204	s s w
19	11	12	13	14	19	21	21	21	21	21	22	22	21	20			B. Stopped								?	
20	20	20	20	20	20			Board Stopped								22	21	21	22	22	22	21	21	21	?	
21	28	12	14	14	14	15	15	16	17	19	19	22	23	23	23	23	22	22	23	22	23	20	20	27	223	s w
22	0	10	19	16	16	28	28	27	24	24	23	24	25	22	24	24	25	26	26	24	23	22	20	17	257	w by s
23	13	15	15	15	15	16	16	17	17	17	17	17	17	17	17	18	18	18	18	20	20	21	20	15	192	s by w
24	13	14	14	15	16	15	15	16	16	16	16	17	17	17	18	19	21	22	21	22	24	24	21	3	193	s by w
25	13	14	14	14	15	15	16	15	15	16	16	20	24	22	24	23	23	24	25	24	24	23	22	12	212	s w by s
26	11	11	11	12	12	12	12	13	16	16	16	16	16	16	16	28	29	31	11	11	11	11	11	11	124	s E by E
27	12	12	13	13	13	13	13	13	14	19	20	20	20	20	20	20	27	28	1	10	8	9	12	12	170	s by E
28	12	12	13	13	13	12	12	12	13	13	13	13	15	16	18	19	20	13	13	13	13.	13	13	13	155	S S E
29	13	12	11	10	11	12	13	16	16	20	20	16	16	16	16	20	25	26	26	27	26	26	7	8	192	s by w
30	13	16	16	16	18	21	19	19	21	21	21	22	23	23	22	22	24	28	29	30	11	13	14	15	224	s w
Hourly Means	o 148 sEbs	o 154 sSE	o 164 sbE	o 169 sbE	o 177 s	o 189 sbW	o 193 sbw	o 197 ssw	o 206 ssw	o 214 swbs	o 213 swbs	o 212 swbs	o 222 sw	o 223 sw	o 228 sw	o 243 wsw	o 261 wbs	o 272 w	o 266 wbs	o 238 swbw	o 224 sw	o 215 swbs	o 171 s	o 166 sbE	o 198	ssw
No. of Observations with the wind in each quarter N W	1	0	0	0	0	2	2	2	2	4	1	1	3	1	2	3	8	10	8	7	6	5	2	4	74	Obs. N W
S W	3	5	6	9	13	10	11	13	15	15	17	17	16	19	18	17	12	10	10	10	9	9	8	3	275	„ S W
S E	17	17	16	13	9	9	8	6	4	2	2	2	1	0	0	0	0	1	2	3	5	6	9	12	144	„ S E
N E	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2	2	2	2	3	3	23	„ N E

FORCE OF THE WIND—JUNE 1858

	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	
1																										
2																										
3	0·50	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·10	0·00	0·00	0·03	
4	·00	·00	·00	·00	·00	·00	.00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·15	·17	·00	·00	·01	
5																										
6			Clock Stopped																							
7																										
8																										
9																										
10																		0·07	·10	·11	·08	·03	·07	·10		
11	0·10	·08	·02	·00	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·08	·07	·00	·00	·00	·00	·02	
12	·10	·12	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·15	·20	·22	·18	·15	·12	·00	·05	·06	
13	·10	·02	·00	·52	·00	·00	·00	·02	·05	·00	·00	·00	·00	·00	·00	·02	·12	·14	·16	·17	·13	·07	·12	·10	·07	
14	·10	·07	·02	·06	·00	·08	·04	·00	·00	·00	·00	·00	·00	·00	·00	·03	·08	·10	·13	·14	·16	·03	·02	·08	·05	
15	·30	·35	·25	·18	·10	·00	·08	·10	·12	·14	·13	·03	·00	·00	·00	·00	·00	·03	·00	·00	·00	·00	·00	·00	·08	
16	·00	·00	·00	·02	·03	·07	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·15	·14	·10	·08	·12	·03	·05	·03	
17	·00	·00	·00	·00	·85	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·15	·14	·14	·16	·18	·03	·07	
18	·00	·00	·00	·00	·55	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·08	·10	·12	·15	·08	·11	·13	·10	·00	·06	
19	·00	·00	·02	·08	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00		Board Stopped									
20	·00	·00	·00	·00	·00		Board Stopped									·00	·06	·10	·14	·15	·25	·18	·12	·10		
21	·30	·00	·00	·15	·00	·00	·00	·00	·00	·00	·00	·00	·04	·02	·09	·18	·30	·24	·65	·12	·25	·10	·08	·00	·11	
22	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·07	·05	·02	·08	·07	1·15	1·25	1·35	·60	·35	·20	·22	·10	·23	
23	·10	·30	·35	·32	·30	·15	·22	·10	·00	·00	·00	·00	·00	·00	·00	·00	0·00	0·00	0·00	·35	·30	·30	·28	·24	·14	
24	·25	·22	·10	·13	·12	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·25	·00	·22	·42	·35	·32	·00	·10	
25	·15	·17	·30	·35	·37	·40	·25	·10	·00	·00	·00	·00	·07	·00	·04	·06	·12	·15	·40	·25	·10	·12	·08	·07	·15	
26	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
27	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
28	·08	·10	·06	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·02	·00	·00	·00	·00	·00	·00	·00	·01	
29	·03	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·15	·18	·17	·00	·10	·08	·12	·04	
30	·06	·10	·07	·00	·00	·00	·00	·00	·05	·10	·06	·00	·00	·00	·00	·00	·10	·12	·13	·11	·04	·08	·13	·15	·05	
Means	0·11	·08	·06	·09	·12	·03	·03	·01	·01	·01	·01	·00	·01	·00	·01	·03	·11	·15	·19	·14	·12	·11	·08	·05	0·07	

The force is given in pounds and decimals of a pound on one square foot.
The entry ·00 denotes calms or pressures too small to overcome the inertia of the instrument.

DIRECTION AND FORCE OF THE WIND

DIRECTION OF THE WIND—JULY 1858

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction
Madras Mean Time	h.m. 4.41	h.m. 5.41	h.m. 6.41	h.m. 7.41	h.m. 8.41	h.m. 9.41	h.m. 10.41	h.m. 11.41	h.m. 12.41	h.m. 13.41	h.m. 14.41	h.m. 15.41	h.m. 16.41	h.m. 17.41	h.m. 18.41	h.m. 19.41	h.m. 20.41	h.m. 21.41	h.m. 22.41	h.m. 23.41	h.m. 0.41	h.m. 1.41	h.m. 2.41	h.m. 3.41		
	parts	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	o	
1	12	12	12	12	13	17	18	18	18	20	20	21	20	20	12	12	12	12	12	12	12	12	12	12	165	s by E
2	12	13	17	19	19	16	15	19	21	24	26	27	29	30	24	19	21	20	22	21	21	21	21	21	233	sw by w
3	16	12	13	13	14	14	15	16	17	20	23	23	24	24	24	22	21	20	20	20	20	20	20	20	212	sw by s
4	12	12	13	13	13	16	18	17	14	14	14	14	14	14	14	14	17	21	22	22	22	21	20	20	183	s
5	24	20	16	16	14	20	18	18	19	26	26	26	26	26	23	23	25	24	24	24	27	26	4	14	254	w by s
6	5	10	13	27	20	19	16	20	20	22	21	21	24	24	23	23	24	24	23	23	24	23	23	24	247	w s w
7	25	25	7	15	15	24	20	22	20	19	22	21	23	24	24	24	23	22	22	22	23	23	23	20	238	sw by w
8	19	18	18	14	14	28	28	27	27	24	19	19	18	18	18	18	20	20	20	20	21	20	20	13	225	s w
9	15	16	16	28	30	13	13	14	14	26	25	26	26	25	25	24	24	24	25	24	24	25	27	15	246	w s w
10	12	14	14	19	17	17	20	28	29	29	29	28	19	19	19	24	24	23	23	22	22	B.	S.	—	242	w s w
11	20	12	12	21	15	16	16	17	17	17	17	19	20	22	23	23	23	24	24	23	23	23	23	24	222	s w
12	27	26	13	16	16	17	18	19	20	21	19	19	21	23	24	24	22	24	21	24	23	21	17	16	230	s w
13	17	19	18	18	18	19	22	23	23	24	23	24	24	24	23	23	23	23	22	23	22	21	20	20	242	w s w
14	13	13	20	18	22	22	23	22	21	19	19	19	19	19	19	19	21	21	20	21	21	20	20	20	221	s w
15	21	16	14	14	14	14	14	14	14	15	16	16	16	16	16	18	20	20	21	21	21	19	18	17	190	s by w
16	14	14	13	13	14	14	24	4	4	4	4	4	28	23	25	26	24	26	26	25	27	28	28	28	282	w by N
17	23	23	23	15	15	15	15	15	28	4	4	4	4	9	9	20	24	27	27	24	26	25	27	27	263	w by s
18	25	27	26	26	26	26	26	26	26	22	22	22	22	22	21	21	22	23	22	24	23	24	24	25	269	w
19	24	25	24	24	25	25	26	26	26	26	23	22	22	22	22	22	22	23	24	25	23	26	26	25	271	w
20	25	26	26	26	26	28	28	28	21	21	21	21	21	21	21	21	23	23	23	24	25	25	24	6	275	w
21	8	10	11	13	13	13	15	18	18	20	21	21	21	20	20	18	21	24	24	25	26	26	25	11	207	s s w
22	12	13	14	14	14	15	17	19	22	25	27	25	20	20	20	24	25	28	28	28	28	28	28	28	245	w s w
23	13	13	13	19	20	17	17	22	23	20	21	22	21	21	22	23	24	26	23	23	24	25	28	28	238	sw by w
24	26	21	21	18	15	14	16	17	17	16	17	19	18	21	22	23	24	24	23	24	24	24	24	22	230	s w
25	24	12	12	13	13	13	13	15	15	15	21	22	22	22	22	22	22	22	23	22	21	19	18	19	207	s s w
26	15	16	16	16	16	17	16	16	19	20	20	20	20	20	20	20	22	23	20	22	24	14	15	15	207	s s w
27	13	7	12	13	14	14	19	13	13	13	13	17	17	17	17	17	17	19	23	22	21	20	14	13	177	s
28	13	13	13	13	13	27	28	18	16	17	17	17	17	17	17	17	17	17	18	21	23	22	22	12	199	s s w
29	12	14	14	14	14	14	14	14	14	16	16	18	28	28	28	28	28	28	28	29	29	12	11	11	217	sw by s
30	28	4	6	9	9	9	13	16	18	18	18	19	20	21	23	23	23	23	23	28	28	31	6	6	198	s s w
31	10	10	10	10	11	11	11	11	13	17	20	21	20	19	20	20	21	21	24	27	28	29	4	4	184	s
Hourly Means	o 195 sbw	o 176 s	o 171 sbE	o 188 sbw	o 186 sbw	o 197 sbw	o 208 ssw	o 208 ssw	o 213 swbs	o 216 sbws	o 219 swbs	o 247 wsw	o 234 swbw	o 236 swbw	o 232 swbw	o 238 swbw	o 246 wsw	o 253 wsw	o 254 wbs	o 259 wbs	o 263 wbs	o 252 wsw	o 246 wsw	o 201 ssw	o 222	sw
No. of Observations with the wind in each quarter NW	9	5	3	5	4	6	6	5	5	8	5	6	8	8	7	7	10	11	10	14	14	13	10	8	187	Obs. N W
SW	7	8	9	10	8	12	15	18	18	17	22	22	21	21	21	22	20	19	20	16	16	14	13	10	379	„ S W
SE	14	16	17	16	19	13	10	7	7	4	2	1	1	2	3	2	1	1	1	1	1	3	4	9	155	„ S E
NE	1	2	2	0	0	0	0	1	1	2	2	2	1	0	0	0	0	0	0	0	0	0	3	3	20	„ N E

FORCE OF THE WIND—JULY 1858

	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	
1	0·12	0·08	0·02	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·01	
2	·05	·00	·00	·13	·15	·50	·00	·30	·00	·50	·75	·10	·15	·08	·00	·00	·00	·03	·13	·08	·00	·00	·00	·00	·12	
3	·00	·02	·00	·00	·00	·01	·45	1·90	1·35	·90	·70	·85	·07	·00	·00	·00	·02	·02	·00	·00	·00	·00	·00	·00	·26	
4	·00	·00	·00	·00	·00	·00	1·00	0·00	0·00	·00	·00	·00	·00	·00	·00	·00	·00	·15	·12	·17	·05	·08	·03	·05	·07	
5	·03	·00	·00	·00	·00	1·65	0·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·12	·10	·13	·11	·08	·03	·00	·00	·09	
6	·00	·00	·00	·00	·03	0·10	·00	·13	·14	·15	·13	·08	·00	·00	·00	·00	·00	·12	·17	·15	·00	·00	·00	·00	·05	
7	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·07	·03	·06	·07	·15	·17	·16	·10	·12	·00	·04	
8	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·04	·12	·15	·16	·08	·03	·03	·02	·03	
9	·01	·01	·00	1·35	·00	·00	·00	·00	·00	·02	·00	·02	·00	·00	·00	·01	·02	·06	·07	·08	·10	·09	·10	·02	·08	
10	·02	·02	·02	0·01	·02	·01	·01	·72	·00	·00	·00	·00	·00	·00	·00	·10	·08	·12	·03	·03	·02	Board	Stopped		·06	
11	·01	·00	·00	·80	·20	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·15	·14	·20	·10	·13	·11	·10	·10	·00	·09	
12	·00	·00	·00	·01	·01	·02	·02	·00	·00	·00	·00	·01	·01	·00	·00	·00	·20	·45	·30	·35	·20	·02	·00	·00	·07	
13	·00	·00	·00	·00	·00	·00	·01	·01	·00	·00	·10	·08	·02	·01	·12	·10	·55	·78	1·28	·95	·70	·50	·30	·08	·23	
14	·00	·00	·55	·00	·06	·02	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	0·07	·12	·15	·13	·08	·02	·05	
15	·00	·00	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·18	·25	·10	·02	·00	·00	·03	
16	·00	·00	·00	·00	·00	·00	·01	·00	·00	·00	·00	·00	·00	·00	·00	·01	·00	·00	·02	·01	·00	·00	·00	·00	·00	
17	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·55	·22	·10	·13	·05	
18	·00	·00	·09	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·15	·17	·17	·15	·08	·20	·22	·05	
19	·08	·09	·00	·00	·00	·07	·20	·00	·00	·00	·00	·00	·00	·00	·01	·02	·08	·11	·13	·14	·12	·13	·10	·08	·06	
20	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·06	·08	·10	·12	·15	·10	·13	·12	·00	·04	
21	·00	·00	·00	·02	·01	·02	·12	·22	·08	·00	·07	·00	·00	·00	·00	·00	·00	·08	·07	·10	·07	·02	·04	·00	·04	
22	·06	·05	·02	·00	·00	·00	·03	·10	·12	·00	·00	·00	·00	·00	·00	·03	·13	·15	·16	·10	·12	·15	·14	·08	·06	
23	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·13	·13	·08	·12	·13	·08	·11	·00	·04	
24	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·08	·12	·14	·15	·12	·13	·13	·15	·12	·05	
25	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	.08	·12	·15	·16	·14	·13	·08	·06	·08	·05	
26	·01	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·00	·00	·00	·02	·08	·05	·01	
27	·00	·00	·00	·00	·00	·02	·08	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·04	·07	·04	·00	·03	·01	
28	·02	·03	·00	·00	·00	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
29	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
30	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
31	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
Means	0·02	·01	·02	·07	·02	·08	·06	·11	·05	·05	·06	·04	·01	·01	·01	·03	·06	·11	·13	·13	·11	·07	·06	·03	0·06	

The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome the inertia of the instrument.

LIBRARY OF THE UNIVERSITY OF CALIFORNIA

DIRECTION AND FORCE OF THE WIND

DIRECTION OF THE WIND—AUGUST 1858

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction
Madras Mean Time	h.m. 4.41	h.m. 5.41	h.m. 6.41	h.m. 7.41	h.m. 8.41	h.m. 9.41	h.m. 10.41	h.m. 11.41	h.m. 12.41	h.m. 13.41	h.m. 14.41	h.m. 15.41	h.m. 16.41	h.m. 17.41	h.m. 18.41	h.m. 19.41	h.m. 20.41	h.m. 21.41	h.m. 22.41	h.m. 23.41	h.m. 0.41	h.m. 1.41	h.m. 2.41	h.m. 3.41		
	parts	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	o	
1	8	10	11	12	12	12	12	12	16	24	24	23	23	23	23	20	22	22	24	24	23	25	27	31	217	sw by s
2	13	14	14	14	14	14	15	15	19	23	24	28	25	26	24	22	23	26	25	24	24	16	12	12	218	sw by s
3	12	12	12	12	12	12	12	14	16	18	25	19	16	15	17	17	19	25	22	22	22	21	17	15	189	s by w
4	14	13	13	13	13	15	20	20	18	19	17	18	18	19	19	23	23	23	23	23	23	22	22	21	212	sw by s
5	17	13	14	14	14	20	16	17	17	17	18	18	18	18	21	22	23	23	22	23	22	22	17	17	208	s s w
6	15	15	7	16	16	17	16	16	29	27	25	22	22	22	22	22	22	23	23	24	24	23	24	21	231	sw by w
7	25	21	0	0	24	23	23	24	25	27	27	27	24	24	24	25	25	26	26	26	26	29	29	29	292	w n w
8	27	23	26	26	26	21	21	22	24	24	24	24	24	23	23	23	24	25	24	26	27	28	28	26	276	w by n
9	28	28	28	28	25	23	17	17	17	17	17	23	23	24	24	25	25	26	26	25	27	24	26	26	267	w
10	26	28	29	29	29	26	18	18	21	18	18	18	24	25	24	23	24	24	24	24	23	24	24	14	260	w by s
11	14	14	14	13	15	15	17	16	17	16	18	18	18	18	18	18	24	24	25	24	25	25	23	25	213	sw by s
12	12	13	13	13	13	13	13	17	17	17	18	18	19	20	21	21	23	22	20	21	21	25	20	17	200	s s w
13	13	13	13	12	12	12	13	15	18	18	19	21	23	22	21	21	21	20	22	21	19	16	11	11	191	s by w
14	12	12	12	12	12	12	13	15	16	16	17	17	27	22	22	26	26	24	29	29	8	9	10	10	191	s by w
15	10	11	12	12	13	13	13	23	18	15	17	17	17	17	17	21	18	19	20	22	23	26	10	11	185	s
16	12	12	12	12	12	12	12	12	13	18	17	16	14	22	16	17	17	16	18	16	19	16	20	12	170	s by e
17	13	13	13	13	13	13	13	15	16	17	17	17	17	17	16	18	21	23	28	29	6	7	8	7	174	s by e
18	9	10	10	10	10	10	11	11	15	16	18	18	18	18	18	18	11	11	11	11	11	11	11	12	145	se by s
19	12	12	12	13	13	14	15	16	16	19	20	20	20	20	20	21	25	29	29	1	8	9	10	10	180	s
20	11	12	12	12	12	12	12	12	16	17	18	19	19	18	18	19	20	21	26	30	10	13	12	12	165	s by e
21	13	13	13	13	13	13	16	16	16	17	17	18	18	18	18	18	22	24	28	29	10	11	11	12	185	s by w
22	12	13	12	12	12	12	13	13	17	17	16	17	17	17	17	20	19	23	26	26	27	10	10	11	182	s
23	11	12	12	12	13	13	13	14	17	17	18	20	25	28	28	28	28	27	27	27	28	28	8	9	217	sw by s
24	8	10	11	12	12	12	12	13	16	18	18	17	17	17	17	17	13	18	19	19	18	15	8	10	163	s s e
25	12	11	12	12	12	12	13	14	18	19	18	18	18	18	18	21	25	28	30	8	7	8	10	11	145	se by s
26	11	11	12	12	13	13	13	17	17	18	24	27	27	23	23	24	25	25	28	27	28	8	9	9	208	s s w
27	12	12	14	14	14	16	16	19	21	21	21	22	22	21	21	27	28	28	28	28	28	10	10	10	217	sw by s
28	10	12	13	13	13	13	14	15	18	18	19	19	21	21	21	25	26	28	29	28	28	28	28	28	229	s w
29	26	11	12	12	12	13	15	15	16	16	16	16	16	17	18	18	24	25	24	23	23	26	8	9	193	s by w
30	12	12	28	13	11	8	9	8	9	9	12	12	12	12	12	12	16	17	15	14	15	15	14	15	146	se by s
31	19	17	18	14	14	16	21	21	25	24	24	24	24	24	24	23	28	28	29	2	10	12	12	11	232	sw by w
Hourly Means	o 163 sse	o 158 sse	o 158 sse	o 154 sse	o 163 sse	o 163 sse	o 166 sbe	o 179 s	o 201 ssw	o 209 swbs	o 218 swbs	o 222 sw	o 227 sw	o 228 sw	o 227 sw	o 238 swbw	o 250 wsw	o 262 wbs	o 272 w	o 280 wbn	o 222 sw	o 204 ssw	o 177 s	o 172 sbe	o 202	s s w
No. of Observations with the wind in each quarter: NW	5	2	4	3	4	1	0	1	4	5	8	5	8	6	6	7	14	17	20	17	11	11	7	6	172	Obs. n w
SW	2	3	1	1	1	7	11	14	24	24	22	25	21	23	24	23	15	13	9	9	11	7	6	4	300	„ s w
SE	24	26	24	26	26	23	20	16	3	2	1	1	2	2	1	1	2	1	2	3	7	12	18	20	263	„ s e
NE	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	0	1	9	„ n e

FORCE OF THE WIND—AUGUST 1858

	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	
1	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·17	0·15	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·06	0·04	0·08	0·00	0·00	0·00	0·02	
2	·00	·00	·00	·00	·00	·00	·00	·00	·10	·15	·00	·00	·00	·00	·00	·00	·08	·07	·08	·04	·00	·00	·00	·00	·02	
3	·00	·00	·00	·00	·00	·00	·00	·00	·10	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	
4	·00	·00	·00	·00	·00	·06	·00	·02	·01	·00	·00	·00	·00	·00	·00	·00	·04	·02	·03	·08	·02	·00	·00	·00	·01	
5	·08	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·15	·13	·12	·10	·05	·00	·00	·03	
6	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·08	·20	·22	·50	·12	·08	·00	·00	·05	
7	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·08	·10	·13	·03	·15	·10	·03	·03	
8	·00	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·10	·12	·15	·10	·09	·05	·00	·03	
9	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·25	·30	·45	·80	·72	·65	·45	·30	·17	
10	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·15	·17	·20	·14	·16	·13	·00	·05	
11	·00	·08	·00	·00	·00	·00	·00	·00	·03	·00	·00	·00	·00	·00	·00	·00	·00	·02	·00	·00	·00	·00	·00	·00	·01	
12	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·03	·03	·00	·00	·00	·00	
13	·01	·02	·00	·00	·00	·00	·00	·00	·02	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·00	·00	·00	
14	·04	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·00	·00	·01	·01	·00	·00	
15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·04	·06	·05	·08	·03	·00	·05	·01	
16	·10	·08	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·01	·00	·01	
17	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·03	·02	·00	·00	·01	
18	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
19	·13	·00	·00	·00	·00	·00	·00	·00	·00	·04	·10	·00	·00	·00	·00	·05	·10	·13	·12	·08	·14	·16	·04	·02	·05	
20	·08	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·06	·08	·12	·06	·02	·00	·03	·02	·00	·02	
21	·06	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·06	·00	·02	·04	·05	·08	·02	
22	·06	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·03	·04	·00	·03	·02	·01	
23	·00	·00	·00	·00	·00	·00	·00	·00	·07	·08	·02	·00	·00	·00	·00	·00	·00	·00	·03	·05	·07	·08	·04	·00	·02	
24	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·06	·04	·10	·03	·00	·00	·01	
25	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·02	·02	·00	·10	·02	·03	·02	·01	
26	·10	·08	·02	·03	·00	·00	·00	·08	·10	·00	·00	·01	·00	·00	·00	·00	·00	·10	·12	·10	·07	·00	·12	·00	·04	
27	·08	·09	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·11	·12	·10	·03	·00	·05	·04	·03	
28	·01	·02	·06	·02	·00	·00	·00	·02	·00	·00	·00	·00	·00	·00	·00	·10	·12	·15	·14	·10	·15	·14	·10	·00	·05	
29	·00	·00	·00	·00	·00	·00	·00	·02	·01	·00	·00	·00	·00	·00	·00	·00	·04	·10	·12	·13	·13	·08	·00	·00	·03	
30	·03	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·14	·12	·04	·14	·13	·12	·12	·04	
31	·00	·12	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·15	·08	·03	·05	·02	·00	·02	
Means	0·03	·02	·01	·00	·00	·00	·00	·00	·01	·01	·01	·00	·00	·00	·00	·01	·04	·07	·09	·10	·08	·07	·04	·02	0·03	

The force is given in pounds and decimals of a pound on one square foot.
The entry ·00 denotes calms or pressures too small to overcome the inertia of the instrument.

DIRECTION AND FORCE OF THE WIND

DIRECTION OF THE WIND—SEPTEMBER 1858

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction
Madras Mean Time	h.m. 4.41	h.m. 5.41	h.m. 6.41	h.m. 7.41	h.m. 8.41	h m. 9.41	h.m. 10.41	h.m. 11.41	h.m. 12.41	h.m. 13.41	h.m. 14.41	h.m. 15.41	h.m. 16.41	h.m. 17.41	h.m. 18.41	h.m. 19.41	h.m. 20.41	h.m. 21.41	h.m. 22.41	h.m. 23.41	h.m. 0.41	h.m. 1.41	h.m. 2.41	h.m. 3.41		
	parts	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	o	
1	11	12	14	13	13	13	13	15	18	18	18	20	20	20	20	22	24	27	28	28	28	25	9	8	205	S S W
2	8	11	12	13	16	15	15	15	15	18	20	21	25	25	24	23	24	25	27	31	6	9	8	28	203	S S W
3	12	13	12	14	24	24	24	24	24	23	21	24	25	25	25	26	27	28	2	11	13	14	15	14	232	SW by W
4	13	13	15	14	14	15	16	17	18	19	20	20	20	20	20	22	24	24	28	28	8	10	13	12	198	S S W
5	13	14	15	15	15	16	16	19	26	27	29	3	4	4	24	22	23	24	23	24	24	22	13	24	206	S S W
6	8	12	14	14	14	14	14	17	20	21	22	24	25	26	25	25	22	21	23	25	26	26	26	26	230	S W
7	15	16	16	16	12	12	12	13	14	12	10	11	11	11	11	12	13	13	13	13	13	13	13	13	144	SE by S
8	23	24	24	23	22	22	23	22	22	22	21	21	21	22	22	23	23	24	24	24	24	23	23	23	255	W by S
9	25	24	23	23	23	22	23	23	22	22	22	22	22	22	22	23	23	24	24	24	24	24	B.	S.	259	W by S
10	23	24	22	21	21	21	21	21	22	22	21	21	21	21	21	20	20	20	21	21	21	21	21	20	238	S W by W
11	20	20	20	16	20	20	21	21	21	22	21	24	22	21	20	20	20	21	20	20	18	19	20	19	228	S W
12	14	13	13	18	18	26	21	21	21	21	21	21	22	23	22	21	21	21	21	22	22	20	21	19	226	S W
13	19	21	23	23	23	23	22	22	22	22	22	22	23	23	23	23	23	23	23	23	24	24	27	29	259	W by S
14	28	28	16	16	20	19	21	21	21	23	23	22	22	23	23	23	22	23	24	23	25	26	26	26	255	W by S
15	18	18	22	23	23	23	23	23	22	21	22	22	23	22	22	22	22	23	23	23	22	21	22	22	247	W S W
16	12	12	10	10	12	13	13	16	26	26	26	26	26	26	26	26	26	22	24	26	27	25	27	7	230	S W
17	13	13	14	15	16	16	17	21	21	22	24	24	27	22	22	22	23	23	24	26	25	27	26	25	238	SW by W
18	24	22	21	27	16	16	17	20	21	21	21	21	21	21	21	22	23	24	24	27	24	24	24	24	247	W S W
19	18	13	13	13	16	19	17	17	17	17	18	23	23	22	22	23	24	24	24	24	24	25	25	26	228	S W
20	27	25	17	17	16	16	16	16	16	17	24	24	25	25	24	24	26	26	26	28	27	25	27	26	253	W S W
21	18	30	2	3	4	4	5	5	5	6	7	7	8	10	14	12	15	14	14	14	14	15	13	13	103	E by S
22	11	12	13	13	14	14	14	16	16	17	19	20	19	19	20	20	25	27	27	28	28	28	5	11	204	S S W
23	12	12	13	13	13	13	13	15	16	17	18	20	20	20	20	21	27	30	30	30	29	27	7	9	209	SW by S
24	9	11	11	12	12	12	12	12	15	15	15	17	17	17	17	19	22	26	28	26	25	8	8	9	176	S
25	11	11	11	13	13	13	13	13	13	17	17	17	17	16	17	17	19	22	25	25	28	8	8	10	175	S
26	11	9	10	11	10	10	10	10	10	11	11	11	11	11	11	16	16	22	26	27	28	6	7	8	147	SE by S
27	8	8	8	9	9	9	9	9	10	10	10	13	13	13	13	16	19	17	22	8	10	9	9	10	127	SE by E
28	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	19	19	16	13	14	13	13	14	147	SE by S
29	10	11	11	11	11	11	11	11	11	11	11	11	11	11	11	12	14	16	11	8	10	10	10	10	124	SE by E
30	12	12	12	12	12	12	12	12	13	13	13	13	13	13	13	18	19	18	13	12	12	12	12	12	148	SE by S
Hourly Means	o 160 SSE	o 167 SbE	o 165 SbE	o 170 SbE	o 174 SbE	o 178 S	o 178 S	o 187 SbW	o 199 SSW	o 204 SSW	o 210 SWbS	o 221 SW	o 213 SWbS	o 212 SWbS	o 220 SW	o 228 SW	o 243 WSW	o 252 WSW	o 246 WSW	o 248 WSW	o 234 SWbW	o 210 SWbS	o 185 S	o 193 SbW	o 205	S S W
No. of Observations with the wind in each quarter: N W	4	6	1	1	1	2	1	1	3	2	4	6	6	5	6	4	9	13	16	17	17	12	8	9	154	Obs. N W
S W	7	5	9	10	13	12	14	17	17	20	18	16	16	17	17	22	18	15	9	6	4	6	5	5	298	„ S W
S E	19	19	19	18	15	15	14	11	9	7	7	6	7	7	7	4	3	2	4	7	8	11	13	14	246	„ S E
N E	0	0	1	1	1	1	1	1	1	1	1	2	1	1	0	0	0	0	1	0	1	1	3	1	20	„ N E

FORCE OF THE WIND—SEPTEMBER 1858

	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	
1	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·06	0·04	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·10	0·12	0·14	0·12	0·08	0·00	0·00	0·03	
2	·00	·00	·00	·02	·00	·00	·00	·00	·00	·00	·00	·05	·10	·04	·02	·03	·10	·12	·14	·04	·02	·01	·00	·00	·03	
3	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·00	·00	·10	·09	·07	·08	·02	·00	·00	·06	·10	·08	·02	·03	
4	·05	·03	·00	·00	·00	·02	·06	·04	·00	·00	·00	·00	·00	·00	·00	·00	·10	·08	·12	·03	·00	·00	·03	·00	·02	
5	·08	·00	·00	·00	·00	·00	·00	·00	·12	·15	·13	·00	·00	·00	·00	·00	·00	·08	·13	·12	·08	·00	·03	·00	·04	
6	·00	·00	·00	·00	·00	·00	·00	·10	·14	·20	·10	·13	·22	·13	·00	·00	·00	·03	·12	·03	·00	·00	·00	·00	·05	
7	·10	·00	·00	·00	·00	·00	·08	·30	.15	·17	·10	·00	·00	·00	·00	·08	·12	·00	·00	·00	·10	·12	·13	·14	·07	
8	·00	·00	·00	·00	·00	·00	·01	·02	·01	·00	·00	·00	·00	·03	·07	·08	·00	·03	·05	·35	·20	·08	·00	·00	·04	
9	·00	·00	·00	·00	·00	·00	·00	·00	·02	·13	·10	·08	·12	·25	·70	1·25	1·40	1·75	1·25	1·35	1·25	1·35	B.	Stpd.	·50	
10	·25	·38	·10	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	0·00	0·00	0·03	0·15	0·13	0·12	0·14	·12	·08	·06	
11	·08	·06	·03	·00	·00	·00	·00	·00	·00	·00	·00	·08	·00	·00	·00	·00	·02	·04	·10	·03	·00	·07	·04	·02	·02	
12	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·03	·08	·06	·07	·10	·08	·10	·03	·12	·11	·08	·03	·01	·04	
13	·00	·00	·00	·14	·00	·00	·00	·00	·00	·00	·10	·09	·07	·08	·04	·01	·08	·12	·15	·30	·55	·24	·10	·00	·09	
14	·08	·00	·00	·00	·00	·00	·00	·00	·00	·15	·12	·10	·13	·08	·07	·07	·10	·13	·14	·12	·11	·16	·18	·12	·08	
15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·12	·08	·06	·07	·13	·17	·22	·24	·22	·18	·12	·10	·08	
16	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·07	·05	·02	·00	·01	
17	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·00	·00	·00	·00	·00	·00	·00	·05	·06	·10	·12	·09	·07	·02	·02	
18	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·15	·20	·12	·08	·07	·00	·00	·03	
19	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·07	·10	·12	·20	·45	·70	·50	·25	·22	·15	·12	·12	
20	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·10	·14	·13	·15	·13	·10	·12	·03	·04	
21	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·12	·10	·08	·10	·08	·12	·10	·03	
22	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·13	·15	·12	·10	·02	·04	·00	·02	·03	
23	·08	·09	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·07	·10	·24	·22	·18	·17	·00	·08	·05	
24	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·07	·02	·00	·00	·00	·00	·01	
25	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·10	·07	·08	·00	·04	·02	·03	·02	
26	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·00	·00	·00	·00	·02	·00	·00	
27	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
28	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
29	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
30	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
Means	0·03	·02	·00	·01	·00	·00	·00	·02	·02	·03	·02	·02	·03	·03	·04	·07	·11	·14	·15	·15	·13	·12	·05	·03	0·05	

The force is given in pounds and decimals of a pound on one square foot.
The entry ·00 denotes calms or pressures too small to overcome the inertia of the instrument.

DIRECTION AND FORCE OF THE WIND

DIRECTION OF THE WIND—OCTOBER 1858

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction
Madras Mean Time	h.m. 4.41	h.m. 5.41	h.m. 6.41	h.m. 7.41	h.m. 8.41	h.m. 9.41	h.m. 10.41	h.m. 11.41	h.m. 12.41	h.m. 13.41	h.m. 14.41	h.m. 15.41	h.m. 16.41	h.m. 17.41	h.m. 18.41	h.m. 19.41	h.m. 20.41	h.m. 21.41	h.m. 22.41	h.m. 23.41	h.m. 0.41	h.m. 1.41	h.m. 2.41	h.m. 3.41		
	parts	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	o	
1	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	12	12	12	12	11	11	11	11	141	S E by S
2	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	13	16	12	11	11	11	10	10	134	S E
3	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	16	20	20	20	16	12	12	12	12	136	S E
4	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	28	29	8	6	8	6	6	108	E S E
5	6	5	5	6	6	6	6	6	6	6	6	6	6	6	30	30	30	30	31	1	1	1	2	3	37	N E by N
6	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	27	28	29	30	28	27	27	29	31	338	N N W
7	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	28	28	28	28	28	27	331	N W by N
8	20	19	18	18	18	18	18	18	18	18	18	18	18	18	0	0	16	15	17	15	15	15	15	15	207	S S W
9	15	15	15	15	15	15	15	15	15	3	3	3	3	3	7	7	7	5	5	5	4	5	5	6	97	E by S
10	4	4	4	4	4	4	4	3	3	3	2	0	0	0	31	0	0	0	0	0	31	31	31	31	16	N by E
11	27	26	26	25	24	22	20	19	17	17	16	16	16	17	17	17	17	19	18	18	20	14	13	13	213	S W by S
12	16	17	16	16	17	16	16	16	16	16	16	16	16	16	18	18	16	16	16	14	14	14	14	14	178	S
13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	28	28	22	22	28	4	4	4	4	4	110	E S E
14	5	5	5	5	5	31	1	1	1	29	29	29	29	29	30	30	30	30	31	30	30	2	2	2	353	N by W
15	3	4	4	4	4	4	4	9	25	29	29	29	29	29	31	30	31	31	30	1	3	3	3	4	10	N by E
16	8	8	8	8	8	8	8	8	28	28	28	28	28	30	31	31	31	4	3	3	3	3	2	3	28	N N E
17	0	0	0	0	0	0	0	0	0	28	27	27	27	27	27	27	27	29	29	29	1	1	1	1	339	N N W
18	1	1	1	1	1	30	30	29	29	29	29	29	29	29	29	29	29	29	29	30	30	5	5	4	1	350	N by W
19	1	2	2	2	2	2	2	2	5	28	26	26	26	26	26	26	26	26	4	5	5	5	5	5	359	N
20	4	2	2	26	25	25	26	26	26	26	28	29	29	30	30	29	29	30	31	30	1	2	1	1	334	N N W
21	1	1	1	31	31	31	31	31	26	24	26	31	31	30	29	28	28	28	28	28	28	25	22	22	322	N W by N
22	29	30	30	30	30	30	30	30	30	29	28	28	28	28	30	31	30	31	31	31	31	31	31	31	337	N N W
23	30	30	30	29	28	27	24	24	24	25	25	25	25	25	25	25	25	25	25	25	25	29	1	1	307	N W by W
24	5	5	5	12	17	16	16	16	17	17	17	17	17	16	17	18	20	20	22	24	31	1	3	3	150	S E by S
25	5	5	5	5	5	5	5	5	5	5	2	2	21	2	2	2	2	2	2	2	2	2	3	4	32	N E by N
26	1	1	1	1	1	1	1	1	1	0	31	31	31	31	0	30	24	20	24	25	25	28	4	4	344	N by W
27	5	5	5	5	5	5	5	5	5	5	0	0	0	28	28	27	24	25	26	28	30	31	31	4	6	N by E
28	3	3	3	3	3	3	3	3	3	3	3	3	3	31	26	26	31	31	3	3	1	2	2	2	17	N N E
29	4	4	4	4	4	4	4	4	4	2	2	1	1	1	1	25	25	29	0	3	3	3	4	5	21	N N E
30	4	3	3	3	3	3	3	3	3	3	3	3	1	1	0	31	1	5	6	6	5	5	4	4	35	N E by N
31	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	10	9	9	10	8	8	10	7	64	E N E
Hourly Means	o 59 N E by E	o 58 N E by E	o 57 N E by E	o 56 N E by E	o 57 N E by E	o 52 N E by E	o 63 E N E	o 64 E N E	o 52 N E by E	o 41 N E	o 37 N E by N	o 38 N E by N	o 33 N E by N	o 33 N E by N	o 22 N N E	o 18 N N E	o 12 N	o 352 N by W	o 14 N by E	o 32 N E by N	o 25 N N E	o 40 N E	o 44 N E	o 47 N E	o 49	N E
No. of Observations with the wind in each quarter: N W	5	5	5	7	7	8	7	7	9	12	13	13	13	16	17	19	17	16	14	12	10	8	5	4	249	Obs. N W
S W	2	2	2	2	3	4	4	4	4	4	4	4	5	4	3	4	6	7	5	2	1	0	1	1	.78	„ S W
S E	7	7	7	8	7	7	7	8	6	5	5	5	5	5	4	3	4	3	3	6	6	8	7	6	139	„ S E
N E	17	17	17	14	14	12	13	12	12	10	9	9	8	6	7	5	4	5	9	11	14	15	18	20	278	„ N E

FORCE OF THE WIND—OCTOBER 1858

	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	
1	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	
2	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	.00	
3	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
4	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
5	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
6	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·04	·22	·14	·10	·10	·03	
7	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·15	·18	·08	·07	·00	·02	
8	.00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
9	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·10	·08	·06	·11	·07	·00	·02	
10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·13	·00	·00	·17	·14	·10	·00	·00	·25	·00	·00	·00	·00	·03	
11	·10	·08	·07	·15	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·00	·00	·00	·00	·00	·00	·02	
12	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
13	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
14	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·12	·13	·11	·00	·00	·00	·00	·00	·02	
15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·10	·12	·13	·12	·08	·06	·00	·00	·03	
16	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·10	·08	·00	·00	·00	·01	
17	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
18	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
19	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
20	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
21	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·04	·03	·10	·20	·22	·15	·00	·00	·03	
22	·08	·15	·12	·11	·15	·14	·10	·11	·12	·00	·00	·00	·00	·00	·00	·00	·15	·14	·12	·12	·15	·00	·00	·00	·07	
23	·03	·08	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
24	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·03	·00	·00	·00	·00	·00	·00	·00	
25	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
26	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
27	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
28	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
29	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·00	·00	·00	·00	
30	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
31	.00	·00	·00	·00	·00	·00	·00	·00	.00	·00	·00	·00	·00	·00	·00.	·00	·00	·00	.00	·00	·00	·00	·00	·00	·00	
Means	0·01	·01	·01	·01	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·01	·02	·02	·02	·03	·03	·02	·01	·00	0·01	

The force is given in pounds and decimals of a pound on one square foot.
The entry ·00 denotes calms or pressures too small to overcome the inertia of the instrument.

DIRECTION AND FORCE OF THE WIND

DIRECTION OF THE WIND—NOVEMBER 1858

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction
Madras Mean Time	h.m. 4.41	h.m. 5.41	h.m. 6.41	h.m. 7.41	h.m. 8.41	h.m. 9.41	h.m. 10.41	h.m. 11.41	h.m. 12.41	h.m. 13.41	h.m. 14.41	h.m. 15.41	h.m. 16.41	h.m. 17.41	h.m. 18.41	h.m. 19.41	h.m. 20.41	h.m. 21.41	h.m. 22.41	h.m. 23.41	h.m. 0.41	h.m. 1.41	h.m. 2.41	h.m. 3.41		
	parts	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	o	
1	4	0	5	7	6	8	8	8	8	8	8	8	8	8	8	8	5	8	8	6	6	6	6	5	75	E by N
2	5	5	5	6	5	5	5	5	5	5	5	5	5	5	1	31	31	5	4	4	4	4	3	3	45	NE
3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	30	30	30	1	0	1	30	30	1	0	16	N by E
4	31	0	0	0	0	0	0	1	31	31	31	31	31	31	31	31	30	29	29	30	30	30	30	30	348	N by W
5	28	3	0	5	30	2	2	3	3	3	3	3	3	3	3	3	1	3	3	1	1	1	1	1	21	NNE
6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	8	8	8	8	7	62	ENE
7	9	8	7	7	8	8	9	9	9	13	28	4	23	23	23	23	23	9	8	8	7	7	7	6	119	SE by E
8	9	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	5	5	5	5	5	5	5	78	E by N
9	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	2	2	2	2	1	1	1	1	36	NE by N
10	2	2	2	1	1	2	0	3	3	3	7	5	9	5	5	3	13	17	18	31	0	0	0	0	32	NE by N
11	2	2	2	2	2	2	1	1	4	3	2	1	1	1	1	1	1	1	1	0	0	1	0	0	15	N by E
12	0	0	0	0	0	0	0	31	31	31	31	31	31	29	29	29	28	30	30	29	30	30	30	30	344	N by W
13	0	0	0	0	0	0	0	2	2	1	1	1	0	0	0	0	0	31	31	3	0	3	3	3	8	N by E
14	0	0	0	1	3	3	4	3	3	3	4	3	3	3	4	6	6	7	7	7	4	4	4	29	37	NE by N
15	25	24	24	24	24	24	24	24	24	24	24	24	24	24	24	27	27	25	24	23	23	23	30	27	277	W by N
16	28	27	26	28	28	28	28	2	2	28	23	26	26	26	28	28	26	26	26	26	26	26	28	28	308	NW by W
17	0	0	0	4	2	2	30	31	31	31	31	0	1	1	27	31	31	1	3	3	3	2	2	2	6	N by E
18	1	1	1	0	0	0	1	1	1	1	1	1	3	3	2	2	1	3	2	1	1	1	3	1	15	N by E
19	2	4	4	4	2	2	2	2	2	2	1	0	2	2	2	2	2	3	3	2	2	2	1	2	24	NNE
20	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	4	3	3	4	43	NE
21	4	4	4	5	5	5	5	5	5	5	5	1	1	1	1	1	13	12	10	8	8	11	9	60	NE by E
22	8	8	8	8	8	8	8	7	8	8	6	7	7	7	7	23	31	23	23	23	23	9	8	8	133	SE
23	9	9	9	9	9	9	8	7	8	8	8	8	8	8	8	10	9	9	9	9	8	8	7	7	94	E
24	2	2	2	2	2	2	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	6	8	6	64	ENE
25	5	3	3	3	3	5	5	5	5	5	5	5	5	5	5	0	30	31	0	2	5	9	8	7	45	NE
26	9	9	9	9	9	9	8	8	8	8	8	8	8	8	31	31	31	4	3	3	4	4	4	4	66	ENE
27	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	2	2	0	0	1	37	NE by N
28	0	0	0	0	0	0	0	0	31	29	29	28	28	28	28	28	28	29	29	30	30	31	0	0	340	NNW
29	2	5	0	1	1	1	1	1	1	1	0	31	31	29	29	29	29	29	29	30	2	2	2	2	3	N
30	30	30	29	29	28	28	27	25	25	25	26	26	25	26	26	25	25	25	27	27	27	28	29	29	303	NW by W
	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	
Hourly Means	28 NNE	29 NEbN	27 NNE	32 NEbN	28 NNE	32 NEbN	30 NEbN	34 NEbN	35 NEbN	33 NEbN	25 NNE	25 NNE	23 NNE	21 NNE	12 NbE	7 NbE	7 NbE	25 NNE	13 NbE	17 NNE	17 NNE	26 NNE	31 NEbN	24 NNE	25	NNE
No. of Observations with the wind in each quarter NW	5	3	3	3	4	3	4	4	6	7	8	7	8	8	11	11	13	9	8	7	6	6	5	6	155	Obs. NW
SW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	2	2	2	2	1	0	0	12	„ SW
SE	5	4	3	3	4	5	5	4	6	6	4	4	5	4	3	3	3	4	4	3	3	5	5	2	97	„ SE
NE	20	23	24	24	22	22	21	22	18	17	18	19	17	18	16	14	13	15	16	18	19	18	20	22	456	„ NE

FORCE OF THE WIND—NOVEMBER 1858

	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	
1	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	
2	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
3	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·09	·07	·06	·04	·08	·05	·02	
4	·10	·08	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	
5	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
6	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
7	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
8	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·06	·04	·02	·03	·01		
9	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·04	·06	·05	·04	·08	·09	·10	·02	
10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
11	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·20	·12	·08	·02		
12	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
13	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
14	·30	·25	·45	·65	1·25	·80	1·15	1·35	1·25	1·00	1·20	·80	·85	·95	·50	·20	·65	·30	·00	·00	·00	·00	·00	·00	·58	
15	·00	·00	·00	·00	0·00	·00	0·00	0·00	0·00	0·00	0·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
16	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·02	·00	·00	·00		
17	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
18	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·55	·52	·30	·55	·58	·00	·00	·10	
19	·00	·25	·35	·75	·65	1·10	·65	·68	·75	·72	·60	·20	·35	1·65	·80	1·75	1·65	1·25	1·15	·45	1·90	1·80	1·65	3·10	1·01	
20	3·25	2·25	1·70	1·60	2·60	4·50	1·55	1·40	1·10	1·35	1·00	1·35	1·20	·65	1·85	·90	2·00	·00	2·25	1·35	·55	3·25	3·85	1·95	1·98	
21	1·55	1·25	·35	0·65	0·90	0·55	0·10	0·35	0·12	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·24	
22	0·00	0·00	0·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
23	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
24	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
25	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
26	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
27	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·08	·15	·12	·14	·08	·03	
28	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
29	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
30	·00	·00	·00	·01	·04	·00	·00	·05	·00	·00	·00	·00	·00	·00	·00	·03	·05	·08	·15	·16	·12	·10	·12	·10	·04	
Means	0·17	·14	·13	·12	·18	·23	·12	·13	·11	·10	·09	·08	·08	·14	·11	·13	·15	·11	·14	·08	·15	·21	·20	·18	0·13	

The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome the inertia of the instrument.

DIRECTION AND FORCE OF THE WIND

DIRECTION OF THE WIND—DECEMBER 1858

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction
Madras Mean Time	h.m. 4.41	h.m. 5.41	h.m. 6.41	h.m. 7.41	h.m. 8.41	h.m. 9.41	h.m. 10.41	h.m. 11.41	h.m. 12.41	h.m. 13.41	h.m. 14.41	h.m. 15.41	h.m. 16.41	h.m. 17.41	h.m. 18.41	h.m. 19.41	h.m. 20.41	h.m. 21.41	h.m. 22.41	h.m. 23.41	h.m. 0.41	h.m. 1.41	h.m. 2.41	h.m. 3.41		
	parts	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	o	
1	30	29	29	29	29	0	0	1	1	0	31	31	31	31	31	27	27	28	29	30	31	0	0	2	344	N by W
2	2	1	1	1	1	28	28	28	28	28	28	28	28	28	0	0	0	0	0	30	0	0	0	0	345	N by W
3	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	1	0	0	3	N
4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	2	2	2	2	2	2	14	N by E
5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	4	3	3	3	43	NE
6	1	0	0	0	0	0	0	0	0	0	1	1	1	29	29	29	28	28	29	29	30	31	31	30	348	N by W
7	1	2	1	1	1	1	31	0	0	0	0	0	0	31	30	30	31	31	31	31	0	0	1	1	0	N
8	1	1	2	2	2	2	3	3	3	3	3	3	3	3	3	2	30	2	2	2	2	1	2	2	23	NNE
9	1	1	1	1	1	1	1	31	0	0	0	1	1	0	2	2	0	1	31	1	0	0	0	0	6	N by E
10	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	30	31	31	348	N by W
11	0	0	0	0	0	0	0	0	0	0	0	0	28	28	28	27	28	26	26	29	29	28	28	28	336	NNW
12	0	0	0	0	0	0	0	0	30	30	30	30	30	30	30	30	30	0	31	0	31	0	1	0	351	N by W
13	30	30	30	30	30	30	31	31	31	31	31	0	0	31	31	31	31	31	0	0	0	0	30	30	348	N by W
14	0	0	0	0	0	0	0	1	1	1	1	1	1	1	30	30	29	1	1	0	0	0	0	0	1	N
15	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	2	2	2	2	1	1	1	1	8	N by E
16	0	0	0	0	0	0	0	0	0	0	0	0	0	28	28	28	28	30	31	31	31	31	31	31	349	N by W
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	29	28	28	28	28	29	30	31	31	355	N
18	31	31	31	31	31	31	31	31	31	31	31	31	31	31	29	26	27	28	29	30	31	31	31	31	341	NNW
19	0	0	0	0	0	0	0	0	0	0	0	0	0	31	31	31	31	31	31	31	31	31	31	31	355	N
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	31	0	0	0	0	0	7	N by E
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	2	3	3	3	3	3	16	N by E
22	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	33	NE by N
23	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3	4	4	1	42	NE
24	0	0	0	0	0	0	0	0	30	30	30	30	30	30	30	27	30	31	31	31	31	31	31	31	347	N by W
25	31	31	31	31	31	31	31	31	31	31	31	31	31	0	30	30	31	31	31	31	31	31	31	30	348	N by W
26	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3	4	4	4	4	4	4	4	37	NE by N
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31	31	30	30	31	357	N
28	31	31	31	31	31	31	31	31	0	0	0	0	0	0	0	0	0	0	31	0	0	0	0	31	355	N
29	0	0	0	0	0	0	0	0	0	0	0	0	31	31	31	31	31	31	0	0	0	30	30	31	355	N
30	0	0	0	0	0	0	0	0	0	0	0	0	31	31	31	28	29	0	0	0	0	0	0	0	355	N
31	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	4	4	4	4	4	21	NNE
Hourly Means	o 7 NbE	o 5 N	o 5 N	o 5 N	o 5 N	o 4 N	o 4 N	o 5 N	o 5 N	o 4 N	o 4 N	o 5 N	o 3 N	o 359 N	o 358 N	o 351 Nbw	o 351 Nbw	o 358 N	o 359 N	o 2 N	o 4 N	o 3 N	o 4 N	o 3 N	o 2	N
No. of Observations with the wind in each quarter: NW	6	6	6	6	6	6	7	7	7	7	8	7	10	14	15	16	17	13	15	13	12	11	12	13	240	Obs. N W
SW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	„ S W
SE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	„ S E
NE	25	25	25	25	25	25	24	24	24	24	23	24	21	17	16	15	14	18	16	18	19	20	19	18	504	„ N E

FORCE OF THE WIND—DECEMBER 1858

	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	
1	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·03	0·04	0·05	0·08	0·09	0·07	0·00	0·02	
2	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·00	·00	·00	·00	
3	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
4	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
5	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
6	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·03	·02	·00	·00	·00	
7	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·12	·15	·17	·16	·03	
8	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·03	·00	·00	
9	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·12	·15	·00	·00	·02	
10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
11	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·00	·00	·00	·00	
12	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·10	·12	·08	·00	·00	·02	
13	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
14	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·12	·08	·02	·00	·00	·01	
16	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
17	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
18	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
19	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
20	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
21	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
22	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
23	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
24	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
25	·13	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·15	·27	·35	·40	·25	·17	·30	·27	·10	
26	·30	·08	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	
27	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
28	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
29	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
30	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
31	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
Means	0·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·02	·03	·03	·02	·02	·01	0·01	

The force is given in pounds and decimals of a pound on one square foot.
The entry ·00 denotes calms or pressures too small to overcome the inertia of the instrument.

DEPTH OF RAIN AND EVAPORATION IN INCHES

FALL OF RAIN FOR 1858

	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER	
	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·620	—	—	—	—	—	0·018	—	—	—
2	—	—	—	—	—	—	—	—	0·014	—	—	0·320	0·052	—	—	—	—	0·808	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	·206	0·378	—	—	·045	—	·880	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	·405	·190	—	—	·810	—	—	—	—	—	—	—	·008	0·580	—	—
5	—	—	—	—	—	—	—	—	·005	·013	—	—	·710	—	—	—	0·160	1·319	—	0·121	·460	—	—	—
6	—	—	—	—	—	—	—	—	·004	—	—	—	—	—	—	0·010	—	0·004	0·030	4·167	—	—	—	—
7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	·090	—	·152	·046	1·005	0·026	1·440	—	—	—
8	—	—	—	—	—	—	—	—	·142	·637	—	—	—	—	—	—	·072	·030	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·134	0·080	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—	—	—	·040	—	—	—	—	—	1·205	1·371	0·220	·618	—	—
11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	·040	—	—	—	—	—	·190	—	—	—
12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	·220	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	—	—	—	—	·0175	—	—	—	·003	0·007	1·441	—	2·235	—	—
14	—	—	—	—	—	—	—	—	—	—	—	—	·120	·115	—	—	—	—	·040	0·194	·930	4·655	—	—
15	—	—	—	—	—	—	—	—	—	—	—	—	·014	—	—	—	—	—	·300	—	1·545	0·995	—	—
16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	·044	—	·008	—	—	—	1·170	·063	—	—
17	—	—	—	—	—	—	—	—	·180	·000	0·937	—	—	—	—	—	·770	—	—	·111	0·700	·083	—	—
18	—	—	—	—	—	—	—	—	·685	·107	·260	—	—	—	—	—	·015	—	·030	—	—	·096	—	—
19	—	—	—	—	—	—	—	—	—	—	—	—	·027	—	—	—	—	—	·105	—	·280	1·982	—	—
20	—	—	—	—	—	—	—	—	—	—	—	·010	—	—	—	—	—	—	—	—	·920	0·112	—	—
21	—	—	—	0·020	—	—	—	—	—	—	·052	·054	—	—	—	—	—	—	·110	·944	·430	·100	—	—
22	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	·007	·464	—	·030	—	—
23	—	—	—	—	—	—	—	—	—	—	—	—	·070	—	—	—	—	—	—	—	—	·150	—	—
24	—	—	—	—	—	—	—	—	—	—	—	—	·006	—	—	—	—	—	—	—	·033	·005	—	—
25	—	—	—	—	—	—	—	—	—	—	—	—	·010	—	—	—	—	—	—	·029	·094	·010	—	—
26	—	—	—	—	—	—	—	—	—	·068	—	—	—	—	·390	—	—	—	—	—	1·107	·394	—	—
27	—	—	—	—	—	—	—	—	—	—	—	—	·212	—	—	—	—	—	—	—	0·207	—	—	—
28	—	—	—	—	—	—	0·162	0·117	—	—	—	—	·570	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	·320	·041	—	—	—	—	—	—	—	—	—	—	—	—	·230	·029	—	—
30	—	—	—	—	—	—	—	·192	—	—	—	—	—	·060	·030	·005	—	—	—	—	—	—	—	—
31	—	—	—	—	—	—	—	—	—	—	—	—	·047	—	—	—	—	—	·100	·050	—	—	—	—
Sums ...	—	—	—	0·020	—	—	0·482	0·350	1·641	1·393	1·249	0·384	2·733	0·350	2·094	0·015	1·397	2·210	3·073	8·998	9·982	12·137	—	—

EVAPORATION FOR 1858

	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·020	0·189	0·010	0·250	0·015	0·378	0·014	0·305	0·020	0·285	0·060	0·445	0·037	0·340	0·010	0·235	0·040	0·348	0·027	0·328	0·006	0·231	0·012	0·175
2	·010	·223	·012	·301	·013	·380	·015	·323	·012	·283	·062	·349	·045	·245	·037	·235	·050	·341	·021	·195	·012	·170	·017	·195
3	·003	·213	·006	·283	·020	·311	·022	·347	·007	·021	·030	·391	·063	·112	·007	·175	·045	·289	·028	·315	·016	·201	·004	·180
4	·005	·243	·005	·297	·019	·340	·015	·316	cov.	cov.	·057	·418	cov.	·263	·027	·145	·034	·275	·030	·316	·009	cov.	·005	·201
5	·021	·241	·006	·300	·024	·347	·020	·325	·004	·200	·057	·509	cov.	·236	·034	·190	·007	·166	·030	·062	cov.	·201	·010	·212
6	·021	·273	·010	·325	·020	·320	·024	·351	·006	·250	·048	·500	·030	·192	·037	·155	·015	·105	·008	cov.	·009	·217	·014	·219
7	·016	·249	·012	·303	·029	·373	·017	·331	·020	·317	·037	·492	·042	·192	cov.	·190	cov.	·042	cov.	·052	·011	·217	·013	·189
8	·014	·252	·016	·268	·020	·313	·020	·360	·015	·300	·057	·428	·042	·311	·015	·235	·015	·116	·037	·261	·020	·201	·021	·195
9	·014	·230	·015	·260	·029	·311	·015	·389	·007	·136	·068	·415	·067	·347	·023	·400	·045	·342	cov.	cov.	·007	·258	·027	·227
10	·015	·216	·012	·298	·017	·343	·029	·413	·022	·297	·053	·417	·036	·245	·042	·346	·029	·350	cov.	·046	·011	·088	·017	·212
11	·017	·242	·021	·273	·031	·357	·018	·380	·027	·298	·042	·431	·029	·265	·012	·215	·049	·260	cov.	·240	cov.	·190	·013	·175
12	·009	·213	·013	·298	·030	·344	·025	·369	·020	·234	·047	·455	·061	·215	·037	·245	·018	·129	·018	·242	·013	·235	·019	·168
13	·023	·243	·011	·250	·020	·329	·020	·313	·019	·314	·071	·395	·070	·280	·021	·175	·032	·242	·014	cov.	·020	cov.	·007	·226
14	·017	·227	·012	·287	·020	·340	·021	·371	·016	·330	·043	·405	cov.	·205	·032	·302	·051	·232	·009	·057	cov.	cov.	·018	·114
15	·005	·248	·019	·323	·010	·373	·020	·334	·026	·445	·085	·368	cov.	·210	·038	·305	·037	·386	cov.	·194	cov.	cov.	·013	·203
16	·006	·246	·022	·281	·013	·318	·013	·329	·064	·440	·070	·290	·022	·128	·010	·385	·013	·235	·012	·113	cov.	·074	·018	·195
17	·003	·230	·023	·310	·015	·317	·014	·350	cov.	·195	cov.	·265	·027	·265	·037	·225	·007	·302	·011	·052	cov.	·101	·010	·175
18	·010	·223	·017	·303	·020	·344	·015	·352	cov.	·175	·010	·310	·050	·330	·023	·297	·016	·321	·010	·181	cov.	·050	·018	·190
19	·008	·240	·019	·321	·024	·326	·013	·375	·054	·274	·021	·311	·052	·260	·037	·325	·040	·315	·010	·189	·017	cov.	·013	·208
20	·004	·253	·020	·310	·020	·313	·021	·360	·047	·433	·053	·395	·042	·373	·039	·270	·042	·430	·006	·181	cov.	cov.	·007	·194
21	·015	·263	·015	·290	·011	·373	·016	·415	·046	·362	·051	·330	·048	·357	·037	·303	·043	·386	·019	cov.	cov.	·055	·008	·173
22	·009	·230	·018	·304	·018	·363	·017	·377	·050	·426	·053	·333	·053	·315	·040	·295	·043	·366	·007	·065	·023	·075	·018	·226
23	·013	·246	·013	·293	·023	·338	·013	·392	·047	·514	·033	·378	·017	·278	·048	·265	·037	·392	·009	·193	·013	·140	·009	·312
24	·007	·264	·011	·331	·015	·333	·015	·415	·052	·495	·057	·474	·032	·420	·040	·335	·040	·379	·013	·166	·019	·065	·018	·245
25	·009	·273	·017	·303	·017	·322	·019	·395	·054	·488	·070	·535	·038	·348	·047	·365	·026	·340	·015	·149	·013	·110	·022	·233
26	·011	·260	·010	·304	·010	·335	·020	·358	·055	·398	·031	·347	·053	·386	·035	·305	·025	·303	·010	·229	cov.	cov.	·026	·227
27	·006	·273	·015	·321	·012	·340	·017	·391	·038	·411	·047	·265	cov.	·308	·047	·331	·023	·317	·007	·252	cov.	·230	·012	·361
28	·010	·238	·021	·311	·013	·331	·015	·022	·047	·433	·037	·370	cov.	·210	·048	·363	·027	·312	·005	·214	·020	·151	·025	·257
29	·006	·273	—	—	·020	·330	·007	·170	·037	·445	·040	·395	·015	·162	·040	·323	·028	·333	·008	·219	·013	·096	·013	·240
30	·008	·301	—	—	·022	·355	·010	·266	·042	·473	·050	·295	·037	·035	·037	·335	·034	·389	·005	·231	·031	·139	·020	·221
31	·016	·272	—	—	·020	·350	—	—	·055	·519	—	—	cov.	·095	·027	·347	—	—	·004	·200	—	—	·010	·315
Means ...	·011	·245	·014	·296	·019	·340	·017	·340	·032	·340	·050	·390	·041	·256	·032	·278	·031	·291	·014	·183	·015	·152	·014	·215

TOTAL RAIN IN EACH MONTH

1858	Night In.	Day In.	Total In.
January ...	...	...	...
February ...	...	0·020	0·020
March ...	...	...	...
April ...	0·482	0·350	·832
May ...	1·641	1·398	3·034
June ...	1·249	0·384	1·633
July ...	2·783	0·350	3·083
August ...	2·094	0·015	2·109
September ...	1·397	2·210	3·607
October ...	3·073	8·998	12·071
November ...	9·982	12·137	22·119
December ...	...	...	...
Total...	22·651	25·357	48·508

MEAN DAILY EVAPORATION IN EACH MONTH

1858	Night In.	Day In.	Total. In.
January ...	0·011	0·245	0·256
February ...	·014	·296	·310
March ...	·019	·340	·359
April ...	·017	·340	·357
May ...	·032	·340	·372
June ...	·050	·390	·440
July ...	·041	·256	·297
August ...	·032	·278	·310
September ...	·031	·291	·322
October ...	·014	·183	·197
November ...	·015	·152	·167
December ...	·014	·215	·229
Mean...	0·024	0·277	0·301

cov.—Covered the evaporator.

REMARKS ON THE WEATHER FOR THE MONTH OF JANUARY 1858

Date	Göttingen Mean Time NOON	Cloudy sky in 8ths	2	Cloudy sky in 8ths	4	Cloudy sky in 8ths	6	Cloudy sky in 8ths	8	Cloudy sky in 8ths	10	Cloudy sky in 8ths
1	cu, cr-hz	6	cu, cr-st, hz	5	ovt	8	cu, cr-hz	3	cu, cr-cu, hz	3	cu, cr-hz, D	3
2	fl-cu,cu-st,cr-hz,nim.	3	cr-st, hz	1	ny-clear	0	ny-clear	0	clear, D	0		
3											ny-clear, D	0
4	sc-cu	1	cu, hz	3	cu, hz	3	fl-cu, cr-st, hz	3	cu, hz, D	3	cu, hz, D	2
5	cu-hor	3	cu, cu-st, hz	3	cu, cu-st, hz	3	cu, cu-st, hz	7	cu, cu-st, cr-hz	6	cu, cr-hz	3
6	sc-cu	2	cu, cu-st, hz	3	cu, cu-st, hz	3	fl-cu, hz	7	cu, cr-hz	4	cu, cr-cu	6
7	cu, cr-hz	3	cu, cr-hz	2	cu, cr-hz	3	fl-cu	3	cu, cr-hz, nim	6	ny-ovt	7
8	cu, cr-hz	5	ny-ovt	8	ny-ovt	8	ny-ovt	7	ny-ovt	7	ny-ovt	7
9	cu, cr-hz, cr-st	3	cr-hz, cr-st, cr	3	cr-hz, cr-st, cr	2	cu, cr-hz	3	ny-clear, D	0		
10											ny-ovt	7
11	cu, cr-hz	3	cu, cr, cr-hz	6	cu, cr-st, d-hz	7	ny-ovt	7	ny-ovt	7	cu, cu-st, cr-hz	6
12	cu, cu-st	4	cu, cr	1	cu	2	ny-clear	0	cu, cr-hz	2	cu, cr-st, cr-hz	2
13	fl-cu, hz	3	ny-clear	0	fl-cu, hz	3	cu, hz	1	cu, cr-hz	3	cu, cr-hz	1
14	cu, cr-hz	3	cu, hz	3	cu, hz	4	cu, cr-hz	5	cu, cr-hz	6	cu, cr-hz	4
15	cu, cu-st, hz	2	cu-st, hz	2	fl-cu, hz	3	cu, hz	3	cu, cr-hz	3	cu, D	1
16	clear	0	ny-clear	0	ny-clear	0	ny-clear	0	clear, D	0		
17											clear, D	0
18	sc-cu	1	clear	0	clear, D	0	clear, D	0	clear, D	0	clear, D	0
19	cr-st, hz	1	cr, cr-hz	1	ny-clear	0	cu, cu-st, hz	3	cu, cr-hz	3	cu, hz, D	2
20	clear	0	clear	0	clear, D	0	clear, D	0	clear, D	0	clear, D	0
21	clear	0	clear	0	clear	0	clear	0	clear	0	clear	0
22	clear	0	ny-clear	0	clear	0	clear	0	clear	0	clear	0
23	cu-hor	1	clear	0	clear	0	clear	0	ny-clear	0		
24											ny-clear, D	0
25	clear	0	clear	0	clear	0	clear	0	ny-clear	0	cu, cu-st	3
26	ny-clear	0	clear	0	clear	0	cr-st	1	clear	0	clear	0
27	ny-clear	0	clear	0	clear	0	clear	0	clear	0	clear	0
28	cu-hor	1	clear	0	clear	0	clear	0	cu	2	sc-cu	2
29	ny-clear	0	clear	0	clear	0	clear, D	0	ny-clear	0	ny-clear, D	0
30	cr, cr-st, hz	2	cu, cr-st, hz	2	cu, cu-st, cr-hz	5	fl-cu, cr-hz	6	fl-cu, cr-hz	5		
31											sc-cu	2

REMARKS ON THE WEATHER FOR THE MONTH OF FEBRUARY 1858

1	ny-clear	0	ny-clear	0	clear	0	cr, cr-st	2	clear	0	clear, D	0
2	ny-clear	0	clear	0	clear	0	clear, D	0	clear, D	0	clear, D	0
3	clear	0	clear	0	clear	0	clear, D	0	clear, D	0	clear, D	0
4	cu-hor	1	clear	0	clear	0	clear	0	clear	0	sc-cu, D	1
5	ny-clear	0	clear	0	clear, D	0	clear	0	clear, D	0	ny-clear, D	0
6	cu-hor	1	clear	0	clear	0	clear	0	clear	0		
7											clear	0
8	fl-cu, cu-st, cr-hz	5	cu, cu-st, cr-st, cr-hz	5	cu, hz	2	fl-cu, hz	3	cu-hor	1	cu-hor	1
9	cu-hor	1	ny-clear	0	ny-clear	0	fl-cu, hz	3	cu-hor	1	clear	0
10	cr-hz	1	ny-clear	0	ny-clear	0	fl-cu, hz	2	cu-hor	1	cu-hor	1
11	ny-clear	0	ny-clear	0	ny-clear	0	cr, cr-hz	1	clear	0	clear, D	0
12	cr-st, cr-hz	2	cr-st, cr-hz	3	ny-clear	0	ny-clear	0	ny-clear	0	clear	0
13	cu-hor	1	cr-st	1	ny-clear	0	fl-cu, hz	2	cu, hz	1		
14											cu, cr-hz	2
15	cu, cu-st	2	fl-cu, hz	2	fl-cu, hz	3	fl-cu, hz	1	cu, hz	1	cu, hz	1
16	cu-hor	1	ny-clear	0	clear	0	clear	0	clear	0	clear	0
17	sc-cu, cr-hz	2	fl-cu, hz	2	fl-cu, hz	2	fl-cu, hz	3	fl-cu, hz	3	cu, hz	1
18	ny-clear	0	ny-clear	0	clear	0	ny-clear	0	clear	0	clear	0
19	clear	0	cu, hz	1	clear	0	clear, D	0	clear, D	0	clear, D	0
20	ny-clear	0	clear	0	clear	0	clear	0	clear	0		
21											cu, hz	3
22	cu, cu-st, cr-hz	2	cr, cr-hz	2	cr-cu, cr-hz, cr-st	6	cu-st, cr-st, cr-cu, hz	7	cr-cu, cr-hz	7	cu, cr-hz	5
23	ny-clear	0	ny-clear	0	clear	0	cr, hz	1	cu	1	clear	0
24	sc-cu	2	cu, hz	1	cu, cr-st, hz	3	sc-cu	2	cu, hz	4	cu	1
25	ny-clear	0	ny-clear	0	ny-clear	0	ny-clear	0	fl-cu	2	cu, hz	2
26	sc-cu	2	cu, hz	1	cu, hz	1	fl-cu, hz	5	cu, hz	2	cu, hz	2
27	ny-clear	0	clear	0	clear	0	fl-cu	6	cu	2		
28											clear	0

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE

ard....around
cld....clouds or cloudy
cr or ci.cirri or cirro or cirrous
cu ....cumuli or cumulo
D.....dew
d.....dense
dis....distant
dt.....detached
E.....east
fg.....fog
fk.....forked
fl .....flying
fr .....frequent
g .....ground
hy.....heavy
hl.....halo
hor...horizon
hz.....haze or hazy
ld.....loud
lg .....lightning
lt .....light
mt,....meteor
N .....north
nim ...nimbi
ny.....nearly
ov.....overhead
ovt....overcast
ps.....peals
pt.....part or partly or partial
R.....rain
r-b ....rain-bow
S.....south
sc .....scattered
sh.....sheet
st .....stratus
th.....thunder
thi....thick
v .....very
viv ...vivid
W .....west

REMARKS ON THE WEATHER FOR THE MONTH OF JANUARY 1858

Date	12	Cloudy sky in 8ths	14	Cloudy sky in 8ths	16	Cloudy sky in 8ths	18	Cloudy sky in 8ths	20	Cloudy sky in 8ths	22	Cloudy sky in 8ths	Thermometers: Radiation Sol.	Radiation Ter.	Air Max.	Air Min.
1	cu, cr-cu, hz ...	4	cu, cr, cr-hz ...	3	cu, cr-hz-hor ...	2	fl-cu, cu-st, cr ...	6	fl-cu, cu-st, cr ...	5	fl-cu, cu-st, cr-hz, nim	5	126·6	—	79·9	69·0
2	.. ..	...	... ...	...	... ...	...	... ...	...	.. ..	...	... ...	..	137·3	—	80·7	65·6
3	sc-cu, D ...	2	cu, cu-st ...	2	cu, cu-st	3	cu, cu-st, cr-hz ...	4	fl-cu	4	clear	0	128·3	—	81·1	66·0
4	cu, cu-st, D ...	2	cu	1	cu, cr	1	sc-cu	2	fl-cu	5	fl-cu	4	131·0	—	78·7	64·6
5	cu, cr-cu, hz ...	4	cu, cr-cu, hz ...	4	cu, cu-st	4	cu, cu-st	5	fl-cu	4	cu	3	127·0	—	79·4	70·2
6	cu, cu-st, cr-cu, cr	5	cu, cu-st, cr-cu..	4	cu, cu-st, cr-cu ...	3	cu, cu-st, cr-cu ...	7	fl-cu	4	sc-cu	3	122·5	—	79·5	69·2
7	cu, cu-st, cr-cu..	6	cu, cu-st, cr-cu..	7	cu, cr-cu	6	cu, cr-cu	8	ny-ovt	7	ny-ovt	7	116·5	—	79·4	68·3
8	ovt	8	ny-ovt... ...	7	cu, cu-st, cr-cu ...	6	cu, cu-st, cr-cu ...	5	cu, cr-hz, cr-st ...	2	cu, cr-hz, cr-st ...	3	138·5	—	80·5	70·5
9	... ...	...	... .	...	... ...	...	... ...	...	... ...	...	... ...	...	126·2	—	79·8	66·8
10	ovt	8	ovt	8	ny-ovt	7	cu, cr-cu, cr, cr-st	6	cu, cr-hz	2	cu, cr-hz	4	127·5	—	81·2	75·0
11	cu, cr-hz ...	4	ovt	8	ny-ovt	7	ny-ovt	7	fl-cu, cu-st, nim...	6	cu, cu-st, hz ...	5	124·5	—	81·2	72·9
12	cu, cr-st, cr-hz..	3	cu,cu-st,cr-hz,nim	6	cu, cu-st, cr-hz ...	4	cu, cu-st, cr-hz ...	3	sc-cu	2	sc-cu	3	128·5	—	79·7	67·5
13	cu, hz	3	cu, cu-st, cr-cu..	3	cu, cr-hz	2	cu, cu-st, cr-cu ...	5	cu, cr-cu, cr-hz ...	4	cu, cr-cu, cr-hz ...	2	125·5	—	80·6	68·4
14	cu, cr	2	cu, cr-cu ...	3	cu, cu st	2	cu, cu-st	2	fl-cu, hz	3	fl-cu, hz	2	124·5	—	81·6	68·3
15	cu, D	1	cu, cu-st ..	2	cu, cu-st	2	cu, cr-hz	4	sc-cu	1	sc-cu	1	131·5	—	80·4	67·6
16	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	134·9	—	78·2	66·0
17	clear, D ...	0	sc-cu	2	cu, cr	2	cu, cu-st	3	sc-cu	1	clear	0	131·5	—	78·7	64·5
18	clear, D ...	0	cu, cr-st, cr-cu..	2	cu-hor	1	sc-cu, cu-st, cr-hz.	3	sc-cu, hz	2	sc-cu, hz	1	128·7	—	78·9	63·2
19	cu, cr, D ...	2	cu, cu-st ...	2	cu-hor	1	cu, cu-st, hz ..	4	sc-cu	2	sc-cu	1	132·5	—	79·5	65·7
20	clear	0	cr-cu, cu-st ...	1	cu, cr-st	1	fl-cu	4	sc-cu	2	ny-clesr	0	134·5	—	79·8	64·2
21	clear, D ...	0	ny-clear ...	0	ny-clear	0	ny-clear	0	clear	0	clear	0	123·5	—	83·2	66·1
22	clear, D ..	0	clear	0	clear	0	sc-cu	1	ny-clear	0	cu-hor	1	127·5	—	81·5	67·4
23	... ...	...	... ...	...	... ...	...	... .	...	... ...	...	... .	...	125·5	—	81·5	66·8
24	ny-clear, D ...	0	cu	2	clear	0	sc-cu, cu-st ...	3	sc-cu	2	sc-cu	1	130·5	—	80·9	66·1
25	cu, cr-hz ...	3	cu, cu-st, cr-hz.	3	cu-hor	1	cu, cr-hz	2	cu, cr-hz	1	cu, cr-hz	1	120·5	—	81·4	66·6
26	cu, cu-st ..	2	cu, cu-st. ...	2	cu, cu-st, cr ...	4	cu, cu-st, cr ...	6	cu, cr-hz	2	sc-cu	1	124·5	—	81·7	68·2
27	ny-clear, D ...	0	cr-st, cr-hz ...	1	lt-cr-hz, cr ...	2	cu, cu-st	3	cu-hor	1	cu, cr-hz	2	130·5	—	81·0	63·8
28	ny-clear ...	0	cu, cu-st, cr ...	3	cu, cr-hz	3	fl-cu	5	cu-hor	2	cu-hor	2	123·5	—	80·8	66·3
29	ny-clesr, D ...	0	cu, cu-st ...	2	clear	0	fl-cu, cu-st ...	3	ny-clear	0	cr, cr-st, hz ...	1	133·5	—	80·8	64·4
30	... ...	...	... ...	...	... ...	..	... ...	...	... ...	...	... ...	...	126·5	—	83·6	73·8
31	cu, cu-st, cr ...	2	cu	1	clear	0	cu, cu-st	2	cr, cr-hz	2	cr-st, cr-hz ...	1	131·0	—	81·8	67·9

REMARKS ON THE WEATHER FOR THE MONTH OF FEBRUARY 1858

1	clear, D ...	0	ny-clear ...	0	clear	0	clear	0	ny-clear	0	ny-clear	0	131·5	—	82·0	62·7
2	clear, D ...	0	ny-clear ...	0	clear	0	clear	0	clear	0	clear	0	137·3	—	82·7	63·4
3	clear, D ...	0	th-fg	8	d-hz	8	cu, cr	1	ny-clear	0	cu-hor	1	131·7	—	82·7	65·3
4	cu, cr-hz, D ...	2	sc-cu, D ...	2	cu, cr, cr-hz ...	3	cu, cr-hz	5	sc-cu	3	sc-cu	1	122·5	—	81·5	65·9
5	cu, cr-hz-hor ...	3	cu, cu-st ...	3	clear	0	cu, cu-st	1	sc-cu	2	sc-cu	2	122·4	—	82·6	65·2
6	... ...	..	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	130·2	—	84·0	68·0
7	clear	0	cu, cu-st, cr-hz..	6	fl-cu	5	cu, cu-st	5	cu, cu-st, cr-st ...	4	fl-cu, cu-st, cr-hz..	5	124·4	—	84·1	72·3
8	ny-clesr ...	0	cr hz	1	cu, cr-hz	1	cu, cr-hz	1	cu, cu-st, cr-hz ...	3	cu, cu-st, cr-hz ...	3	131·3	—	83·6	71·0
9	cu, D	1	cu-hor	2	cu, cr	1	fl-cu	4	fl-cu, cu-st ...	3	cu, cr-hz... ...	1	121·5	—	83·1	68·1
10	sc-cu	2	ny-clear ...	0	ny-clear	0	sc-cu, cu-st ...	3	sc-cu	2	sc-cu	2	134·3	—	83·6	68·1
11	clear	0	ny-clear ...	0	cu, cr-hz	2	fl-cu, cu-st ...	3	cu, cr-st, cr-hz ...	3	cr-st, cr-hz ...	2	119·9	—	84·7	69·1
12	clear	0	cu, cr-hz ..	3	clear	0	cu, cu-st ...	2	sc-cu	1	cu	1	123·3	—	85·9	70·4
13	... ...	...	... ...	...	... ...	...	.. .. ..	...	... ...	...	... ...	...	124·0	—	85·0	71·1
14	cu, cr-hz ...	2	cu, cu-st ...	2	cu, cu-st	2	fl-cu, cu-st ...	4	sc-cu	3	sc-cu	2	132·5	—	83·8	71·3
15	ny-clear ...	0	cu, cu-st ...	3	sc-cu, cu-st ..	3	fl-cu cr-hz ...	3	fl-cu, cr-hz ...	3	sc-cu, cu-st ...	3	128·5	—	83·6	70·4
16	cu, hz	1	cu, cu-st ...	3	ny-clear	0	ny-clear	0	cr-st, cr-hz ...	2	sc-cu	2	120·4	—	81·7	68·2
17	cu, hz	2	cu, cu-st ...	2	sc-cu	2	cu, cu-st	3	sc-cu, cu-st ...	3	sc-cu	1	128·7	—	82·7	68·2
18	cu	1	cu	1	cu...	2	fl-cu, cu-st ...	4	sc-cu, cu-st ...	3	cu..	1	130·5	—	81·6	65·3
19	clear, D ...	0	cu-hor	1	clear	0	sc-cu, cu-st ...	2	sc-cu	2	sc-cu	1	129·6	—	81·9	64·3
20	... ...	...	... ...	...	... ...	...	... ...	...	.. ..	...	... ...	...	128·7	—	84·0	68·2
21	cu-hz	3	cu, cu-st, nim, lt-R, dis-th, r-b	7	cu,cu-st,cr-hz,nim	6	fl-cu, cu-st, cr-hz..	6	fl-cu, cu-st, cr-hz..	3	cu, cu-st, cr-hz ...	2	122·4	—	83·9	72·7
22	cu, cr-hz ...	4	cr-cu, cr-hz ...	3	ny-clear	0	clear	0	clear	0	ny-clear	0	119·7	—	84·0	72·3
23	cu	1	cu	1	clear	0	cu, cu-st	1	sc-cu	2	sc-cu	2	128·5	—	83·7	69·2
24	cu, hz	2	clear	0	cu, cu-st, cr ...	2	cu, cu-st	4	sc-cu	2	cu-hor	2	120·5	—	84·5	68·2
25	cu, D	1	ny-clear ...	0	cu, cr-hz	2	cu, cr-hz... ...	2	cu, cu-st, cr-hz ...	3	sc-cu	2	118·7	—	84·5	68·4
26	cu, hz	1	clear	0	ny-clear	0	ny-clear	0	cu...	1	cu...	2	128·5	—	83·7	69·8
27	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	122·9	—	85·2	70·8
28	clear	0	ny-clear ..	0	cu, cu-st	2	fl-cu, cu-st ...	4	cu, cr	3	clear	0	128·5	—	84·8	71·0

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE

ard....around
cld.....clouds or cloudy
cr or ci. cirri or cirro or cirrous
cu.....cumuli or cumulo
D .....dew
d .....dense
dis....distant
dt... . detached
E .....east
fg.....fog
fk.....forked
fl .....flying
fr .....frequent
g.....ground
hy .....heavy
hl .....halo
hor ....horizon
hz .....haze or hazy
ld.....loud
lg .....lightning
lt.....light
mt....meteor
N .....north
nim....nimbi
ny .....nearly
ov.....overhead
ovt....overcast
ps.....peals
pt.....part or partly or partial
R .....rain
r-b....rain-bow
S .....south
sc.....scattered
sh.....sheet
st .....stratus
th.....thunder
thi....thick
v.....very
viv....vivid
W .....west

REMARKS ON THE WEATHER FOR THE MONTH OF MARCH 1858

Date	Göttingen Mean Time NOON	Cloudy sky in 8ths	2	Cloudy sky in 8ths	4	Cloudy sky in 8ths	6	Cloudy sky in 8ths	8	Cloudy sky in 8ths	10	Cloudy sky in 8ths
1	clear	0	lt-cu, cr, hz ...	1	ny-clear	0	ny-clear	0	cu	1	cu	2
2	cu, hz-hor	1	ny-clear	0	ny-clear	0	cu, cr-hz	3	cu, cu-st, cr-hz ..	3	cu, cu-st, cr-hz ...	3
3	cu, hz-hor	1	cu, hz-hor	1	cu, hz	3	cu, cr-hz	3	cu, cu-st, cr-hz ...	3	cu, cu-st, cr-hz ...	3
4	cu, cr-hz	2	ny-clear	0	ny-clear	0	fl-cu, cr-hz	4	cu, cu-st, cr-hz ...	3	cu, cu-st, cr-hz ...	3
5	cu, cr-hz	1	ny-clear	0	ny-clear	0	cu	1	cu-hor	1	ny-clear	0
6	ny-clear	0	clear	0	clear	0	clear	0	ny-clear	0	... ...	...
7	... ...	..	... ...	...	... ...	...	... ...	...	... ...	..	clear	0
8	clear	0	clear	0	clear	0	clear	0	clear	0	fl-cu, cu-st, cr-hz ...	3
9	clear	0	clear	0	clear	0	clear	0	ny-clear	0	ny-clear	0
10	cu-hor	1	cr, cr-st, cr-hz ..	2	cu, cr-hz	2	cu, cr-hz	2	sc-cu	3	sc-cu	3
11	clear	0	clear	0	clear	0	clear	0	sc-cu	2	cu	2
12	clear	0	clear	0	clear	0	clear	0	ny-clear	0	ny-clear	0
13	cr, cr-st, cr-hz ...	3	cu, cr-st, hz ...	1	clear	0	clear	0	clear	0	... ...	...
14	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	clear	0
15	clear	0	clear	0	clear	0	clear	0	ny-clear	0	ny-clear	0
16	clear	0	ny-clear	0	clear	0	clear	0	clear	0	clear	0
17	lt-cu, cr-st, hz ...	1	cu, cr-st, hz ...	2	ny-clear	0	ny-clear	0	cu, cr-st, hz ...	2	cu, cr-hz	1
18	ny-clear	0	cu, cr-st, hz ...	1	ny-clear	0	ny-clear	0	sc-cu	2	cu-hor	1
19	cu, cr-st	1	cu, cr-st	1	cu, cr-st	1	ny-clear	0	cu, cr-st	2	cu-hor	1
20	cu, cr-st, hz ...	3	cu, cr-st, hz ...	2	cu, cr-st, hz ...	3	cr-st, cr-hz.. ...	2	cr-st, cr-hz	2	... ...	...
21	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	ny-clear	0
22	clear	0	clear	0	clear	0	cr-cu, cr-hz... ...	3	cu, cr-cu, cr-hz ...	3	cu, cr-hz	2
23	ny-clear	0	ny-clear	0	clear	0	clear	0	cr-cu, cr-hz... ...	2	cu, cr-hz	2
24	clear	0	clear	0	clear	0	clear	0	ny-clear	0	clear	0
25	cr, cr-hz	2	cr, cr-hz	2	cr-st, hz	1	ny-clear	0	clear	0	clear	0
26	clear	0	ny-clear	0	cr-hz	2	cr-hz	2	ny-clear	0	cr-hz, cr, cu ...	8
27	cr, cr-hz	1	cr, cr-hz	1	cr, cr-hz	2	cr, cr-hz	2	cr, cr-hz	2	... ...	...
28	... ...	...	... ...	...	... ...	...	... .	...	... ...	..	fl-cu, cr-hz	3
29	ny-clear	0	cr, cr-st, hz... ...	1	cr, cr-st, hz ...	1	ny-clear	0	ny-clear	0	cr, cr-hz	2
30	cr-st, cr-hz... ...	1	cr-st, hz	1	cr-st, hz	1	ny-clear	0	ny-clear	0	ny-clear	0
31	cr, hz	1	cr, hz	1	cr, hz	1	ny-clear	0	ny-clear	0	cu, cr-hz	3

REMARKS ON THE WEATHER FOR THE MONTH OF APRIL 1858

1	cr, hz	1	cu, cr-st, hz ...	2	cu, cr-st, hz ...	3	cr-st, cr-hz	2	ny-clear	0	cu, cr-hz	4
2	cr-st, d-cr-hz ...	6	cr-hz, cr-st	3	cu, cr-hz	3	cu, cr-hz, cr-st ...	6	cu, cr-st, d-hz ...	6	cr, d-cr-hz	7
3	cr-hz, cr, cr-cu ...	3	cr-hz, cr, cr-cu ...	4	cr-hz, cr, cr-cu ...	4	cr, cr-hz	1	cr, cr-hz	2	... ...	...
4	... ...	...	... ...	...	... ...	...	... ...	...	... .	...	fl-cr-cu, d-cr-hz ...	6
5	cr-st, cr-hz	3	lt-cu, cr-st, hz ...	2	cr-st, hz	2	ny-clear	0	cu, cr-st, cr-hz ..	3	cu, cr-st, cr-hz ...	2
6	cu, cr-st, cr-hz ...	4	cr-st, cr-hz	2	cr-st, cr-hz	2	cr-st, cr-hz	2	cr-st, cr-hz	2	cr-cu, cr-st, hz ...	4
7	lt-cu, cr-st, hz ...	1	cr, hz, cr-st ...	1	ny-clear	0	ny-clear	0	ny-clear	0	clear	0
8	cr, cr-st, hz ...	1	cr, cr-st, hz ...	2	cr, cr-st, hz ...	2	ny-clear	0	ny-clear	0	ny-clear	0
9	ny-clear	0	cr, cr-hz	1	cr, cr-hz	1	cr, cr-hz	1	cn, hz	1	ny-clear	0
10	cr-st, hz	1	cu, cr-st, hz ...	1	ny-clear	0	ny-clear	0	clear	0	... ...	...
11	... ...	...	... ...	...	... ...	...	... ...	...	... .	...	cr-hz-hor	1
12	clear	0	cr, cr-hz	3	cr, cr-hz	2	cr, cr-hz	2	cu, cr-st, cr-hz ...	3	cu, cr-st, cr-hz ...	2
13	cr-hz, cr-st	4	cu, cr-st, hz ...	2	cr-st, hz	1	cr-st, hz	1	clear	0	ny-clear	0
14	cu, cr, cr-hz ...	3	lt-cu, cr-st, hz ...	2	ny-clear	0	cu, cr-st, hz... ...	2	cr-st, cr-hz	2	cu, cu-st, cr-hz ...	3
15	cr, cr-hz, cr-st ...	2	cn, cr-cu, cr-st, hz ...	2	lt-cu, hz	1	lt-cu, hz	1	cn, cr-st, hz ..	1	ny-clear	0
16	cr, cr-hz	1	ny-clear	0	clear	0	clear	0	clear	0	cu, hz	1
17	cr, d-cr-hz	5	cr-st, cu, hz ...	1	clear	0	clear	0	fl-cu, cu-st, cr-hz ...	2	... ...	...
18	... ...	...	... ...	...	... ...	...	... ...	...	... ...	..	cr-cu, cr-hz ...	3
19	cu, d-cr-hz	4	cu, d-cr-hz	4	cu, d-cr-hz	3	cr-cu, cr-st, hz ...	3	cn, cr-st, cr-hz ..	2	cu, cr-st, cr-hz ...	3
20	cr, cr-hz	3	cr, cr-hz	3	fl-cu, cr, cr-hz ...	4	cr-cu, cr-st, cr-hz ...	2	cu, cr-st, cr-hz ...	3	cu, cr-hz	2
21	ny-clear	0	cr, cr-hz	2	cr, cr-hz	1	cr, cr-hz	1	cu, cr-st, cr-hz ...	2	cu, cr-hz	1
22	clear	0	clear	0	clear	0	clear	0	clear	0	clear	0
23	cr, cr-hz, cr-st ...	3	cr, cr-hz, cr-st ...	3	ny-clear	0	ny-clear	0	ny-clear	0	cr-st, cr-hz... ...	2
24	ny-clear	0	ny-clear	0	ny-clear	0	cr-st, cr-hz... ...	2	cr-st, cr-hz ...	2	... ...	...
25	... ...	...	... ...	...	... .	...	... ...	...	... .	...	cu, cu-st, cr-hz ...	5
26	lt-cu, cr-st, hz ...	2	cu, hz	1	cr-st, cr-hz	1	ny-clear	0	cu, cr-st, hz ...	2	cu, cu-st, cr-hz ...	3
27	cu, cr-st, hz ...	3	cu, cr-cu, cr-st, hz...	3	cu, cr-cu, cr-st, hz...	6	cr-cu, d-cr-hz ...	5	cu, cr-st, d-cr-hz ..	5	d-cr-hz	7
28	cu-st, cr-st, hz ...	4	cu-st, cr-st, hz ...	5	cu-st, cr-st, hz ...	5	cu, cu-st, cr-hz, nim, R.	6	cu, cr-hz, cr-st ...	4	cu, cr-hz, cr-st ...	3
29	ny-ovt	7	cu-st, cr-cu, hz, lg-NW,	6	ny-ovt, lg-SW, SE...	8	ovt, lg-NE, SE ...	8	ovt, R, lg-S, NE ...	8	ovt, fr-lg, th ...	8
30	cu-st, cr-st, hz ...	3	cu-st-hor ... [SE	1	ny-clear	0	cu, cr-st, hz, lg-S, SW..	3	cu, cu-st, cr-hz ...	5	cu, cu-st, cr-hz ...	5

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE

ard....around
cld....clouds or cloudy
cr or cr. cirri or cirro or cirrous
cu.....cumuli or cumulo
D.....dew
d.....dense
dis....distant
dt.....detached
E.....east
fg.....fog
fk.....forked
fl.....flying
fr.....frequent
g.....ground
hy....heavy
hl....halo
hor...horizon
hz...haze or hazy
ld....loud
lg.....lightning
lt.....light
mt...meteor
N....north
nim..nimbi
ny... nearly
ov....overhead
ovt...overcast
ps....peals
pt.....part or partly or partial
R.....rain
r-b...rain-bow
S.....south
sc.....scattered
sh....sheet
st.....stratus
th....thunder
thi...thick
v.....very
viv...vivid
W....west

REMARKS ON THE WEATHER FOR THE MONTH OF MARCH 1858

Date	12	Cloudy sky in 8ths	14	Cloudy sky in 8ths	16	Cloudy sky in 8ths	18	Cloudy sky in 8ths	20	Cloudy sky in 8ths	22	Cloudy sky in 8ths	Thermometers: Radiation Sol.	Radiation Ter.	Air Max.	Air Min.
1	cu	1	cu, cr-hz ...	2	clear	0	clear	0	ny-clear	0	cu-N-hor... ...	2	128·5	—	86·9	72·4
2	cu, cr-hz ...	2	ny-clear ...	0	fl-cu, cu-st, cr ...	4	cu, cr-hz-hor ...	3	cu, cu-st	3	cu, cr-hz	2	124·5	—	87·0	73·6
3	cu, cr-hz ...	3	cr-cu, cr-hz ...	6	cr-cu, cr-hz ...	7	cu, cr-cu, cr-hz ...	6	cu, cr-cu, cr-hz ...	6	cu, cr-cu, hz ...	4	110·5	—	87·3	74·3
4	cr-cu, cr-hz, D..	8	cr-cu, cr-hz ...	7	cu, cr-cu, cr-hz ...	4	cu, cr-cu, hz ..	4	cu, cr-hz	2	cu, cr-hz	1	124·5	—	86·9	73·4
5	ny-clear ...	0	cu, cr-hz ...	2	cu, cu-st	2	cu, cu-st	2	ny-clear	0	cu-hor	1	119·2	—	86·0	70·4
6	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	115·9	—	85·5	70·9
7	clear	0	clear	0	fl-cu-st, cu ..	4	ny-clear	0	cu-hor	2	cu-hor	1	119·5	—	85·9	71·0
8	cu, cr-hz ...	2	sc-cu	2	cu, cu-st	2	ny-clear	0	cu, cu-st-hor ...	2	cu-hor	1	120·5	—	85·6	71·7
9	clear	0	ny-clear ...	0	cu, cr-hz	4	cu, cu-st	2	ny-clear	0	clear	0	118·5	—	84·3	70·0
10	cu	1	cu, hz	1	ny-clear	0	cu, cu-st	2	sc-cu, cu-st ...	1	cu, hz	1	120·5	—	84·8	69·1
11	ny-clear ...	0	cu	1	fl-cu, cu-st ..	4	cu, cu-st, cr ...	4	cu, cu-st, cr ...	3	cu-hor	1	120·5	—	86·1	72·1
12	cu-hor	1	cu, cu-st, cr-st...	3	ny-clear	0	cr, cr-hz-S-hor ..	2	cr-st, cr-hz ...	2	cu, cr-st, cr-hz ...	5	124·5	—	88·9	70·3
13	... ...	...	... ...	...	... ...	...	... ...	..	... ...	..	... ...	...	118·7	—	88·4	71·1
14	cu, cr-hz ...	2	cu-hor	2	cu, cr-hz	4	cu, cu-st	1	clear	0	clear	0	119·5	—	86·6	73·1
15	clear, D ...	0	cu, cr-hz ...	2	cu, lt-cr-hz-hor ...	2	cu, cr	2	ny-clear	0	clear	0	114·5	—	86·4	71·1
16	cu, cr-hz ...	3	cr-hz, cr-st	3	cu, cr-hz	4	cu, cr-hz	3	cr, cr-hz	1	ny-clear	0	117·3	—	87·6	73·8
17	cu, cr-hz ...	1	cu, cr-hz ...	2	cu, cu-st, hz ...	4	fl-cu, cr-hz ...	5	cu, cr-hz	3	cu, hz	1	116·2	—	87·8	73·1
18	cu-hor	1	cu, cr-hz, cr ...	3	sc-cu, cu-st, hz ...	4	fl-cu, cu-st, cr ...	3	cu-hor	3	cu, cr-st, hz ...	1	115·4	—	86·6	72·1
19	cu-hor	1	cu, cr,cr-st, cr-hz	2	fl-cu, cu-st ...	4	fl-cu	3	cu, cr, cr-st, cr-hz.	5	cu, cr-st, hz ...	4	118·4	—	86·7	71·5
20	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	126·0	—	88·2	70·9
21	clear	0	cr, cr-hz-hor ...	1	clear	0	ny-clear	0	cr, cr-st, cr-hz ...	2	clear	0	131·0	—	87·9	71·0
22	cu, cr-hz ...	2	cu, cr-hz, cr-st..	3	fl-cu, cu-st, nim...	5	cu, cr-hz	2	cu, cr-hz	2	ny-clear	0	122·0	—	89·0	74·5
23	cu, cr-hz ...	2	cr-st, cr-hz, cu..	4	fl-cu, cr	4	cu, cu-st, cr-st, cr-hz	4	ny-clear	0	ny-clear	0	111·3	—	88·8	74·2
24	cu	1	cr, hz-hor ...	1	cu, cr-st, hz ...	3	cr, hz	1	cr, hz	1	cr, hz	1	131·5	—	90·0	73·1
25	clear	0	cr, cr-hz ...	2	ny-clear	0	clear	0	clear	0	clear	0	120·0	—	88·5	73·3
26	cu, cr-hz ...	3	cr, cr-hz, D ...	4	cu, cu-st, cr, cr-hz	5	cu, d-hz	2	lt-cr-hz	2	cr, cr-hz	1	114·0	—	88·4	73·6
27	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	105·9	—	88·4	73·5
28	cu, cr-hz ...	2	cu, cr-hz ...	3	cu, cu-st, d-cr-hz..	6	cu, d-cr-hz ...	5	cu, d-cr-hz ...	3	cu, cr, cr-hz ...	2	111·2	—	89·5	76·6
29	cr, cr-hz ...	2	fl-cu,cu-st, cr-hz	4	cu, cr-hz	3	cu, cu-st, hz ...	2	cu, cu-st, hz ...	1	ny-clear	0	108·4	—	89·5	74·9
30	cr-hz, cr-st ...	2	cr-hz, cr-st ...	3	ny-clear	0	cr, cr-hz, cu-st ...	3	cu, lt-cr-hz ...	2	cr, hz	1	119·1	—	90·5	76·0
31	cu, cr-hz ...	2	cr, cr-hz ...	3	fl-cu, cr-hz ...	4	fl-cu, cr-hz ...	3	cu, lt-cr, cr-hz ...	3	cu, hz	2	110·7	—	89·8	76·6

REMARKS ON THE WEATHER FOR THE MONTH OF APRIL 1858

Date	12	Cloudy sky in 8ths	14	Cloudy sky in 8ths	16	Cloudy sky in 8ths	18	Cloudy sky in 8ths	20	Cloudy sky in 8ths	22	Cloudy sky in 8ths	Thermometers: Radiation Sol.	Radiation Ter.	Air Max.	Air Min.
1	cr, cr-hz ...	2	cu, cr-hz, cr-st..	4	cu, cr-hz, cr-st ...	4	cu, cr-hz, cr-st ...	4	cr, d-cr-hz ...	6	cr, d-cr-hz ...	5	112·5	—	89·9	75·9
2	cr-st, d-cr-hz ...	6	cu, d-cr-hz ...	7	cu, d-cr-hz ...	7	cu, cr-st, cr-hz ...	4	cu, cr-st, cr-hz ...	6	d-cr-hz, cr-cu ...	5	129·5	—	94·0	74·1
3	... ...	...	... ...	...	... ...	...	... ...	...	.. ..	...	... ...	...	120·0	—	89·5	72·7
4	cu,cr-cu,d-cr-hz	6	cu,cr-cu,d-cr-hz	7	cu,cu-st,cr-cu,cr-hz	6	cu,cu-st,cr-cu,cr-hz	5	cu, cr, cr-st, cr-hz.	4	cr, cr-st, cr-hz ...	4	115·8	—	90·7	76·8
5	cu, cr-hz ...	2	cu, cu-st, cr-hz..	3	cu, cu-st, cr-hz ...	4	cu, cu-st, hz ...	3	cu, cr-st, hz ...	3	cu, cr-st, hz ..	3	110·7	—	90·8	76·0
6	cr-cu, cr-st, hz..	4	cr-cu, cr-st, hz..	5	cr-cu, cr-st, hz ...	6	cr, cr-hz, cu ...	4	cr, cr-hz	5	cu, cr-st, hz ...	3	137·6	—	94·1	77·1
7	clear	0	cr, cr-hz, cu ...	2	cu, cr, cr-hz ...	3	cr, cr-hz	2	ny-clear	0	clear	0	125·0	—	91·6	75·4
8	ny-clear ...	0	ny-clear ...	0	cu, cr	2	clear	0	clear	0	cr, cr-st, hz ...	1	120·3	—	92·6	76·7
9	ny-clear ...	0	cr, cr-hz ...	1	cr, cr-hz	1	ny-clear	0	clear	0	clear	0	123·7	—	98·4	76·8
10	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	130·5	—	100·2	79·7
11	cr-hz, cr-st ...	2	cr, cr-st, cr-hz...	2	cr-st, cr-hz ...	2	cr-st, cr-hz ...	2	ny-clear	0	clear	0	128·5	—	97·0	81·4
12	cu, cr-st, cr-hz..	2	cr-st, cr-hz ...	3	cr-cu, cr-st, cr-hz.	2	cr-cu, cr-st, cr-hz.	3	cr, cr-hz, cr-st ...	3	ny-clear	0	116·3	—	93·3	82·0
13	cr-hz, cr-st ...	2	cr-hz, cr-st ...	2	ny-clear	0	clear	0	clear	0	clear	0	115·2	—	92·4	80·9
14	cr, cr-hz ...	2	cr, cr-hz ...	2	fl-cu, cr-hz ...	4	fl-cu, cr-hz ...	4	cu, cr, cr-hz ...	3	cu, cr, cr-hz ...	3	110·0	—	91·7	79·9
15	ny-clear ...	0	cr-hz	2	cu, cu-st, hz ...	4	cu, cr, hz... ...	3	cu, cr, hz... ...	3	ny-clear	0	110·0	—	90·9	78·0
16	cu, hz	1	cu, cr-hz ...	3	fl-cu, cr-hz ...	5	cu, cu-st, hz ...	3	cu, cu-st, hz ...	3	cu, cr, cr-hz ...	4	108·5	—	91·7	77·8
17	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	111·3	—	92·6	78·0
18	cr-cu, cr-hz ...	3	cr-cu, cr-hz ...	3	cu, cu-st, cr-hz ...	4	cu...	3	cu, cr-hz-hor ...	3	cu, d-cr-hz ...	4	111·2	—	92·4	77·6
19	cu, cr-hz ...	4	cu, cr-st ...	2	cu, cu-st	3	cu, cu-st, cr ...	3	cu, cu-st	1	cr, cr-hz, cr-st ..	1	116·0	—	92·5	77·5
20	cu, cr-hz ...	3	cu, cr-cu, cr, cr-st, cr-hz	3	cu, cr, cu-st, cr-hz	5	cr, cr-st, cr-hz ...	5	cu, cr-st, hz ..	3	cr, cr-hz ...	1	117·3	—	93·0	77·5
21	cu, cr-hz ...	2	cu, cr-hz, cr-st..	2	cu, cr-hz, cr-st ...	2	cr-st, hz	1	cu, cu-st	1	cu, cu-st	1	113·5	—	92·0	75·0
22	cr-hz, cr-st ...	2	ny-clear ...	0	fl-cu	2	clear	0	clear	0	cr, cr-hz	2	114·5	—	91·6	75·9
23	cu, cr-hz ...	2	cr, cr-hz ...	2	ny-clear	0	ny-clear	0	clear	0	clear	0	110·0	—	91·5	76·5
24	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	112·2	—	92·3	77·8
25	cu, cu-st ...	2	cu, cr-hz, cr ...	3	cu,cu-st,cr-hz, nim	5	cu, cr-hz	4	cu, cr-hz, cr-st ...	3	cu, cr-hz, cr-st ...	3	114·4	—	92·7	80·0
26	cu, cu-st, cr-hz..	3	cu, cu-st, cr-hz..	4	fl-cu, cu-st, nim...	6	cu, cr-st, cr-hz ...	4	cu, cr-st, cr-hz ...	3	cu-st, cr-st, hz ...	2	115·5	—	92·9	79·2
27	d-cr-hz ...	8	cr, cr-hz, cu ...	4	cu, cu-st	5	cu, cr-hz	4	cu, cr-st, cr-hz ..	3	cu, cr-st, cr-hz ...	3	118·4	—	92·4	79·7
28	cu,cu-st,nim,sh-lg-E.S.,R.	8	cu, cu-st, cr-hz..	7	ny-ovt, th-E ...	7	ovt	8	ovt, th-E... ...	8	hy-cu-st, nim, lt-R, th-SE ...	8	ovt.	—	89·7	80·0
29	ovt, fr-lg, fr-th.	8	ovt, lt-R ...	8	ovt, lt-R	8	ny-ovt	7	cu, d-cr-hz ...	6	cu-st, cr-st, hz ...	6	118·2	—	89·8	77·6
30	cu, cr-hz, cr-st..	7	cu, cu-st, cr-hz..	6	cu, cr-st, cr-hz ...	5	cu, cr-st, cr-hz ...	4	cu, cr-st, cr-hz ...	3	cu-st, cr-st, hz ...	2	117·3	—	89·4	78·9

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE

ard....around
cld....clouds or cloudy
cr or cr-cl. cirri or cirro or cirrous
cu....cumuli or cumulo
D....dew
d....dense
dis....distant
dt....detached
E....east
fg....fog
fk....forked
fl....flying
fr....frequent
g....ground
hy...heavy
hl...halo
hor...horizon
hz...haze or hazy
ld....loud
lg....lightning
lt...light
mt...meteor
N....north
nim..nimbi
ny....nearly
ov....overhead
ovt....overcast
ps...peals
pt....part or partly or partial
R....rain
r-b...rain-bow
S....south
sc....scattered
sh....sheet
st ...stratus
th...thunder
thi...thick
v....very
viv...vivid
W....west

REMARKS ON THE WEATHER FOR THE MONTH OF MAY 1858

Date	Göttingen Mean Time NOON	Cloudy sky in 8ths	2	Cloudy sky in 8ths	4	Cloudy sky in 8ths	6	Cloudy sky in 8ths	8	Cloudy sky in 8ths	10	Cloudy sky in 8ths
1	cu-st, cr-st, hz ...	2	cu, cr-st, hz ...	3	cr-st, hz, lg-S ...	2	cu, cr-st, cr-hz ...	4	cu, cr-st, cr-hz ...	4	... ...	...
2	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cu, cu-st, cr-hz, sh-	5
3	cu, cr, d-cr-hz ...	6	cu-st, cr-st, d-hz ...	7	cu-st, cr-st, d-hz ...	6	cu-st, cr-st, d-hz ...	5	cu, cu-st, d-hz ...	6	ovt ... ... [lg-S	8
4	ovt, lt-R	8	hy-cu, d-hz... ...	8	ovt, lg-SE	8	ny-ovt, lg-N, S ...	7	ovt, lg-SW, SE ...	8	ovt, sh-lg-SE ...	8
5	ovt	8	ovt	8	ovt	8	ovt	8	ovt	8	ovt	8
6	cu, cr, cr-hz ...	4	cu-st, cr-st, hz ...	3	hy-cu, nim, lg-W ...	6	cu, cu-st, cr-hz ...	3	cu, cu-st, cr-hz ...	7	cu, cu-st, cr-hz ...	5
7	cu, cr-hz	3	cu, cr-st, hz ...	2	cu, cr-st, hz, lg-NW.	1	cu, cr-hz	2	cu, cu-st, cr-hz ...	3	cu, hz	2
8	cu, lt-hz	1	cu-st, cr-st, hz ..	3	ny-ovt, sh-lg-WSW..	7	fl-cu,cu-st,cr-hz,lg,th-W	6	fl-cu,cu-st,cr-hz,lg,th-W	5	... ...	...
9	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cu, cr-hz, sh-lg-SE...	6
10	ovt	8	cr, cr-hz, cr-st ..	7	cr,cr-hz,cr-st,lg-SW.	5	cu, cr, cr-hz, lg-SW.	3	cu, cr-st, hz ...	3	cu, hz	2
11	cu, cu-st, cr-hz ...	4	cu,cu-st,cr-hz,lg-W,NW	3	cr-st, hz, lg-W, NW.	2	cr-st, hz, lg-SW ...	2	cu, cr-st, hz ...	3	cu, cr-hz	7
12	cu, d-cr-hz ...	5	cu, cr-st, hz, lg-NW.	3	cu, cr-st, hz ...	2	cu,cr-st,cr-hz,lg-SW	3	cu, cr, cr-hz ...	3	cu, cr, cr-hz ...	3
13	cu-st, cr-st, nim, hz.	7	ny-ovt	7	cr, d-cr-hz, lg-S ...	6	cu, cr-st, cr-hz, lg-S	5	cu, cr-st, cr-hz ...	4	cu, d-cr-hz, lg-SE ...	3
14	cu-st, cr-st, hz ...	3	cu-cr, cr-hz, lg-SW..	4	cu, cr-hz, lg-W ...	3	cu, cu-st, cr-hz, lg-N	3	cu, cu-st, cr-hz ...	3	cu, cr-hz	3
15	cu, cr-cu	2	cu, hz	1	cu, hz	1	cu, hz	2	ny-clear	0	... ...	...
16	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cu, cr-hz	5
17	cu, cu-st, cr-hz	7	ny-ovt	7	ovt, lt-R, lg, th ...	8	ovt, lt-R, lg ...	8	ovt	8	ny-ovt	7
18	hy-cu-st, cr-st, hz...	7	ovt,R,viv-lg,th,hy-ps-th	8	ovt, lt-R, lg-S ...	8	ovt	8	ny-ovt	7	ovt	8
19	ny-ovt	7	ovt	8	ovt	8	ny-ovt	7	ny-ovt	7	ovt	8
20	cu-st, cr-st, d-hz ...	4	cu-st, cr-st, d-hz ...	6	ovt	8	cu, cu-st, cr-hz ...	5	cu, cu-st, cr-hz ...	4	cu, cr-hz	5
21	cu-st, cr-st, hz ...	3	cu-st, cr-st, hz ...	3	cr, cr-hz	3	cu, cr-st, cr-hz ...	5	cu, cr-st, cr-hz ...	4	cu, hz	2
22	cu-st, cr-st, hz ...	6	cu-st, cr-st, hz ...	3	cr-cu, cr-hz... ...	3	cr-cu, cr-hz ..	3	cu, cr-st, cr-hz ...	3	... ...	...
23	... ...	...	... ...	...	.. ..	...	... ...	...	... ...	...	cu, hz	4
24	cu, cr, cr-hz ...	4	cu, cr-hz	3	cu, cr-hz	1	cu, cr-hz	1	ca, cr-hz	1	cr-cu, cr-hz ...	2
25	cu-st, cr-st, hz ...	4	cu-st, cr-st, d-hz ...	3	cu-st, cr-st, hz, hl-☽	5	cu, cr, cr-cu, hz ...	6	cr-st, cr-hz, cu ...	4	cr-st, cr-hz, cu ...	3
26	cu, cr-hz	3	cu	1	cu, cr-st, hz ...	3	cu, cu-st, cr-hs, nim, lg-SW ...	4	cu, cu-st, cr-hz, nim.	6	cr-st, cr-hz, cu ...	4
27	ny-ovt, R, r-b ...	7	cu-st, cr-st, hz, sh-lg-S..	5	cu, cu-st, cr-st, d-hz.	6	cu,cu-st,cr-hz,nim,lg	8	ny-ovt	7	cu, cr-cu, cr-hz ...	6
28	cu-st, cr-st, hz ...	6	cu-st, cr-st, hz ...	6	ny-ovt	7	ovt	8	ovt	8	cr-st, hz	2
29	cu, cr-cu, cr-hz ...	6	cu, d-cr-hz	6	cu-st, cr-st, hz ...	4	cu-st, cr-st, hz ...	5	cr-cu, cr-hz, cu ...	4	... ...	...
30	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cu, d-cr-hz	6
31	cu-st, cr-st, hz ...	6	cu-st, cr-st, hz ...	6	cu-st, cr-st, hz ...	5	cu, cr-st, cr-hz ...	6	cr-st, cr-hz	3	cr-st, cr-hz... ...	2

REMARKS ON THE WEATHER FOR THE MONTH OF JUNE 1858

1	cu-st, cr-st, hz ...	3	cu-st, cr-st, hz ...	2	ny-clear	0	clear	0	clear	0	clear	0
2	cu-st, cr-st, hz ...	4	cu-st,cr-st,hz,lg-SW.	5	cu,cu-st,nim,lg-SW..	6	ny-clear	0	clear	0	clear	0
3	ovt, R, lg, th-S ...	8	ny-ovt, lg, th-SW ...	7	cu, nim, lg-S ...	4	cu, cr-st, cr-hz ...	6	cu, cr-hz	4	cu, cr-hz	2
4	cu-st, cr-st, hz ...	3	cu-st, cr-st, hz, lg-S.	3	cu, cu-st, lg-SW ...	2	cu,cr-hz,fr-lg-S,dis-th-S	2	cu,cr-st,cr-hz,nim,lg-E..	4	cu, d-cr-hz	7
5	cr, cr-st	2	cr, cr-st	1	ny-clear	0	clear	0	ny-clear	0	... ...	...
6	... ...	...	... ...	...	... .	...	... ...	...	... ...	...	clear	0
7	cr, cr-st	1	cr, cr-st	1	cr, cr-st	1	clear	0	clear	0	clear	0
8	cr, hz	1	cr, hz	2	cr, cr-hz	1	ny-clear	0	clear	0	clear	0
9	cr, cr-st, hz ...	2	cr, cr-st, hz... ...	2	ny-clesr	0	clear	0	cu, cr-hz	2	cu, cr-hz	2
10	cr, cr-st	2	lt-cu, cr-st, hz ...	1	cu, cr-st, hz ...	1	clear	0	clear	0	clear	0
11	ny-clear	0	cu, cr-st	1	cu, cr-st, sh-lg-N ...	1	cu, hz	2	clear	0	clear	0
12	cu-st, cr-st, hz ...	1	cu, cr-st, hz ...	1	cu, cr-st, hz, sh-lg-NW.	2	cu, cr-hz	2	cu, cr	3	... ...	...
13	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cu-hor	1
14	cu, cr, d-cr-hz ...	3	cu-st, cr-st, hz, lg-W	3	cu-st,cr-st,hz,lg-NW	3	cu,cr-hz,sh-lg-W ...	1	cu, cr-hz	3	cr-st, cr-hz... ...	2
15	cu, cu-st, nim, th ...	6	cu-st, cr-st, hz, nim, lg, th-NW.	6	cu-st, cr-st, hz, lg-W	5	cu, hz, lg-W ...	3	cu,cu-st,cr-hz,nim,fr-lg-	6	cu, cu-st, cr-hz, sh-lg-W	6
16	cu, d-cr, cr-hz ...	7	cu, cr-st, d-hz ...	5	cu-st, cr-cu, hz ...	7	cu-st,cr-cu,hz,'sh-lg-SW	4	cu, hz ... [NW, S	4	cu,cu-st,nim,sh-lg-N	7
17	cu, d-cr-hz	7	cu, hz, nim, lg-SE...	7	ovt, R, lg, th ...	8	ovt, R, lg-SE ...	8	ny-ovt	7	ovt	8
18	cu, cu-st, nim ...	7	cu, cu-st, cr-st, nim..	8	ovt,th,lg-S,NW,hy-R	8	ovt, R	8	ovt	8	ovt	8
19	cu, cr-hz	4	cu-st, cr-st, hz ...	4	ny-ovt	7	fl-cu, d-cr-hz, nim...	7	ovt	8	... ...	...
20	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	ovt	8
21	cu, cu-st, nim ...	6	cu, cu-st, nim ...	7	cu, d-cr-hz	5	cu, cr, d-cr-hz ...	5	cr-cu, cr-st, cr-hz ...	5	ovt	8
22	hy-cu,cr-hz,nim,lt-R	7	hy-cu, nim	7	hy-cu, nim	7	ny-ovt	7	ny-ovt	7	ny-ovt	7
23	hy-cu, nim	7	cu, cr-cu, cr-hz ...	5	cu, cr-cu, cr-hz, nim	7	cu, cr-hz, nim ...	7	cr, cr-st, cr-hz ...	4	cu, cr-st, cr-hz ...	4
24	cu, cu-st, cr-hz, nim.	7	cu, cu-st, cr-hz, nim	7	cu, d-cr-hz... ...	4	cr-cu, cr-hz ...	4	cr, cr-hz	3	cr, cr-hz	5
25	cu-st, cr-st, hz ...	5	cu-st, hz	2	cu, cu-st	4	cr-cu, cr-hz ...	3	cu, cr-cu, hz ...	6	cr-cu, cr-hz ...	6
26	cr-st, hz	3	cr, cr-hz	1	ny-clear	0	cr-cu, cr-hz ...	3	cr-cu, cr-st, cr-hz ..	6	... ...	...
27	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cu, cr-hz	3
28	cu-st, cr-st, hz ...	3	cu-st, cr-st, hz ...	3	cu, cu-st, hz ...	5	cu, cr, cr-hz ...	4	cu, cr-hz	4	cr-st, cr-hz	3
29	cu-st, cr-st, hz ...	5	cu-st, cr-st, hz ...	4	cu, cr-hz, lg-SW ...	3	cu, hz	5	cu, cr-cu, hz ...	5	cu, cr-hz	7
30	cu, cu-st, hz ...	4	cu, cu-st, hz ...	5	fl-cu, hz, sh-lg-S ...	4	cu, cu-st, cr-cu, hz...	5	cu, cr-hz	4	cr, cr-st, cr-hz ...	3

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE

ard....around
cld....clouds or cloudy
cr or ci. cirri or cirro or cirrous
cu.....cumuli or cumulo
D.....dew
d.....dense
dis... distant
dt....detached
E.....east
fg.....fog
fk.....forked
fl.....flying
fr.....frequent
g.....ground
hy...heavy
hl...halo
hor..horizon
hz...haze or hazy
ld....loud
lg....lightning
lt....light
mt....meteor
N.....north
nim..nimbi
ny ...nearly
ov ...overhead
ovt...overcast
ps... .peals
pt.....part or partly or partial
R.....rain
r-b....rain-bow
S.....south
sc.....scattered
sh... sheet
st.....stratus
th...thunder
thi...thick
v.....very
viv...vivid
W....west

REMARKS ON THE WEATHER FOR THE MONTH OF MAY 1858

Date	12	Cloudy sky in 8ths	14	Cloudy sky in 8ths	16	Cloudy sky in 8ths	18	Cloudy sky in 8ths	20	Cloudy sky in 8ths	22	Cloudy sky in 8ths	Thermometers: Radiation Sol.	Radiation Ter.	Air Max.	Air Min.
1	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	118·5	—	90·1	79·7
2	cu, cr-hz [th-E	4	cu, cr-hz ..	3	cu, cu-st, cr-hz ...	4	fl-cu, cr-cu, cr-hz.	4	cu, cr-hz... ...	6	cu, cu-st, cr-hz ...	6	113·0	—	91·0	78·5
3	ovt, lt-R, sh-lg-SE,	8	ovt	8	ovt	8	ovt, R, th-SE ..	8	ovt, lt-R	8	ovt	8	ovt.	—	89·1	79·2
4	ovt, dis-th ...	8	ovt,th-W,lg-SW	8	ovt, th, fr-lg ...	8	ovt	8	ovt	8	ovt	8	ovt.	—	80·6	79·0
5	ovt	8	ny-ovt... ...	7	ny-ovt	7	cu, d-cr-hz ..	7	cu, d-cr-hz ...	7	cu, nim	7	ovt.	—	85·6	73·6
6	cu, cu-st, cr-hz..	5	cu, cr-cu, cr-hz..	8	cu, cr, cr-hz ...	7	ovt	8	cu, d-cr-hz ..	7	fl-cu, cr-hz ...	6	116·0	—	89·5	77·4
7	cu, hz	2	cr-hz, cr-st ...	3	cr-st, cr-hz	2	cr-st, cr-hz ...	2	cu, cr-hz	2	cu, cr-hz	2	122·5	—	92·7	78·6
8	... ...	..	.. ..	...	... ...	...	... ...	...	... ...	.	... ...	...	126·4	—	98·7	80·3
9	cu, cr-hz ...	6	ovt	8	ovt	8	ovt	8	ovt	8	ovt	8	ovt.	—	90·0	77·8
10	cu, hz	2	cr-hz, cr-st ...	2	cr-cu, cr-st, cr-hz.	3	cu, cr-hz	2	cu, cu-st .. .	4	fl-cu, cr, cr-hz ...	5	131·0	—	95·8	78·2
11	cr, cr-hz ...	6	cu, cr-st, cr-hz...	4	cr-st, cr-hz ...	3	cr-cu, cr-hz ...	3	cu, cr-hz	3	cu, d-cr-hz ...	4	134·5	—	92·3	79·3
12	cu, cr, cr-hz, sh-lg-W ...	3	cu, cr-hz ...	3	fl-cu, cr-hz ...	3	ou, cr-hz ...	3	cu,cr-hz,cu-st,th-N	5	cu-st, cr-st, nim, d-hz, th-N.	7	127·8	—	92·4	80·2
13	cu, cr-hz ...	3	cu,cr-cu,d-cr-hz	6	cr, cr-st, d-cr-hz...	6	cr, cr-st, d-cr-hz...	6	cu, cr-st, cr-hz ...	3	cu-st, cr-st, hz ...	3	123·3	—	92·4	78·1
14	cu, cr-hz ...	2	cr, cr-st, cr-hz...	3	cr-st, cr-hz ...	3	fl-cu, cr-hz ..	6	fl-cu, cr-hz ...	6	cu, cr-cu	4	123·4	—	91·9	78·9
15	. . ..	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	113·3	—	97·3	80·7
16	cu, cr-st, hz ...	4	cr-cu, cr-hz ...	5	cr-cu, cr, d-cr-hz..	7	cu, d-cr-hz ...	6	cu, cr-cu, cr-hz ...	7	cu, cr-cu, cr-hz ...	6	129·4	—	98·4	83·2
17	ny-ovt... ...	7	ovt	8	ovt, lt-R	8	ovt	8	ovt	8	ny-ovt	7	105·5	—	96·9	80·3
18	ovt	8	ovt, lt-R ...	8	ovt	8	ovt	8	cu, cr-hz	6	cu, cr-hz	6	112·2	—	92·6	77·8
19	ovt	8	ny-ovt... ...	7	cu, cr-cu, cr-hz ...	7	d-cr-hz	6	cu, cr-hz, cr-st ...	5	cr-cu, cr-hz ...	5	112·5	—	94·8	78·0
20	cu, cr-hz ...	6	cr-cu, cr-hz ...	7	cr-cu, cr-hz ...	6	cr-cu, cr-hz ...	3	cr-cu, cr-hz ...	3	cu-st, cr-st, hz ...	3	113·7	—	97·3	79·3
21	cu, hz	3	cu, cr, d-cr-hz...	6	cu, cu-st, cr-hz ...	6	cr, cr-hz, cr-st ...	6	cu, cr-hz, cr-st ...	6	cu, cr-hz, cr-st ...	7	114·9	—	97·0	79·1
22	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... .	...	123·5	—	97·2	79·3
23	cu, hz	1	clear	0	clear	0	cr-st, cr-hz ...	2	cr-hz, cr-st ...	2	cu, cr, cr-hz ...	3	135·5	—	100·6	80·3
24	cu, cr-st ...	1	cr, cr-st ...	2	cr, cr-st	2	cr-hz, cr-st ...	2	cr-hz, cr-st ...	3	cu, cr, cr-hz ...	4	122·7	—	101·4	81·0
25	cu, cr-st, hz ...	4	cr, cr-st ...	4	cu, cr-hz	3	cu, cr-hz	2	cu, cr-hz	2	cu, cr-hz	3	120·0	—	99·7	82·0
26	cr-cu,cr-hz,cr-st.	4	cr-st, cr-hz ...	5	cr-st, cr-hz ...	4	or-st, cr-hz ..	2	cr-hz, cr-st ...	2	cu, cr-hz, nim ...	7	125·0	—	99·0	80·2
27	ny-ovt	7	cr-cu, cr-hz ...	5	cr, cr-hz	1	cr-cu, cr-hz	2	cu, cr-hz, cr-st ...	3	cu, cr-hz, cr-st ...	4	127·7	—	97·3	80·1
28	cr-cu, cr-st ...	3	cr-cu, cr-st, hz..	3	cr-cu, cr-st, hz ...	3	cu, st	2	cu, cr-hz, cr-st ...	3	cu, cr-hz, cr-st ...	3	136·0	—	97·6	79·8
29	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	132·5	—	97·8	80·0
30	cr-cu,cr-st,cr-hz.	4	cr-st, cr-hz ...	2	cr-cu, hz	1	cr-cu, hz... ...	2	sc-cu, hz	4	cu, cr-hz	4	132·3	—	97·7	80·9
31	cu, cr-cu, cr-hz.	3	cu, cr-cu, cr-hz..	4	cu, cr-cu, cr-hz ...	3	cu, cr-cu, cr-hz ...	4	cu, cr-hz	2	cu, cr-st, hz ..	2	122·3	—	100·8	81·3

REMARKS ON THE WEATHER FOR THE MONTH OF JUNE 1858

1	clear	0	ny-clear ...	0	cr-st, cr-hz ...	1	ny-clear	0	cu, cu-st, cr-hz ...	4	cu, cu-st, cr-st, hz	3	137·5	—	97·5	81·8
2	cr-st, hz ...	2	cu, cr-hz ..	2	cr-cu, cr-st, cr-hz.	3	cr-cu, cr-st, cr-hz..	3	sc-cu, cr-st, hz ...	3	sc-cu, cr-st, hz, th-E.	4	141·7	—	103·5	82·4
3	cu, cr-hz ...	3	cr, cr-cu, cr-hz..	4	cu, cr-cu, cr-hz ...	5	cu, cr-cu, cr-hz ...	2	cu, cr-cu, cr-hz ...	2	cu-st, cr-st, hz ...	3	124·0	—	98·4	79·7
4	cu, d-cr-hz ...	6	cu,cr-cu,d-cr-hz	8	cu, cr-cu, d-cr-hz..	6	cu, cr-cu, d-cr-hz..	5	cr-cu, cr-st, hz ...	3	cr, cr-st	2	124·1	—	99·7	79·0
5	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	123·7	—	101·2	79·6
6	clear	0	cu, cr-hz ...	2	cr-st, cr-hz ...	3	cr-st, cr-hz ..	3	cr-st, cr-hz ...	5	cu, d-cr-hz ...	6	125·7	—	98·8	79·1
7	ny-clear, ...	0	cr-st, cr-hz ...	3	cr-st, cr-hz ...	3	cr-st, cr-hz ...	3	cu, cr-st, cr-hz ...	3	cu, cr, cr-hz ...	3	130·7	—	102·5	77·4
8	cr-st, cr-hz ...	4	cr, cr-hz, cr-st...	5	cr, cr-hz, cr-st ...	5	cr-cu,cr-st,d-cr-hz	5	cr-cu,cr-st,d-cr-hz	6	cr-cu,cr-st,d-cr-hz	6	137·4	—	98·1	80·4
9	cu, hz, sh-lg-N..	1	cr-cu,cr-hz,cr-st	3	cr-hz, cr-st ...	4	cr-cu, cr, cr-hz ...	3	cr-cu, cr, cr-hz ...	3	cu, cr-hz	3	132·3	—	99·6	81·0
10	cr-st, cr-hz ...	4	cr-cu, cr-hz ...	2	cr, cr-st	1	ny-clear	0	ny-clear	0	sc-cu	1	134·2	—	100·5	81·0
11	cu, hz	2	cr-cu, cr-hz ...	1	cr-cu, cr-hz ...	1	ny-clear	0	ny-clear	0	cu-hor	2	132·6	—	100·4	81·2
12	... .	...	... ...	..	... ...	...	... ...	...	... ...	...	... .	...	133·3	—	104·2	83·0
13	cu-hor	1	cr, cr-st, cr-hz...	2	cr, cr-st, cr-hz ...	3	cu, cr-cu, cr-hz ...	3	cu, cr-cu, cr-hz ...	4	cu, cr, d-cr-hz ...	5	127·0	—	102·5	82·2
14	cr-st, cr-hz ...	3	cr, cr-st, cr-hz...	5	cr, cr-st, cr-hz ...	4	cr, cr-st, cr-hz ...	4	cu, cu-st, cr-hz ...	3	fl-cu, cu-st ...	6	123·5	—	102·1	82·2
15	cu, cu-st, cr-hz, sh-lg-W.	5	cu, cu-st, cr-hz.	8	cu, cr-cu, cr-st, cr-hz	6	cu, cr-cu, cr-st, cr-hz	7	cu, cu-st, d-cr-hz..	7	cu, cu-st, d-or-hz..	8	121·3	—	91·7	81·0
16	ovt	8	cu, cr-cu, cr-hz.	6	cu, cr-st, d-cr-hz..	7	cu, cr-st, cr-hz ...	7	cu, cr-st, cr-hz ...	7	hy-cu, nim ...	7	113·0	—	96·9	81·9
17	ovt	8	ny-ovt	7	ny-ovt	7	cu, cr-cu, cr-hz ...	5	cu, cr-cu, cr-hz ...	6	cu-st, cr-st, hz ...	5	113·0	—	95·6	79·7
18	cu, cr-hz ...	6	cr-cu, cr-hz ...	3	cr-cu, cr-hz ...	3	cu, cr-cu, cr-hz ...	3	cu, cr-cu, cr-hz ...	4	cu, cu-st, cr, cr-hz	5	112·0	—	95·4	79·0
19	.. ..	...	. ...	...	... ...	...	... ...	...	... ...	...	... ...	...	108·3	—	94·6	80·6
20	ovt	8	cu, cr-cu, cr-hz.	5	cu, cr-cu, cr-hz ...	3	cu, cr-cu, cr-hz ...	3	cu, cr-cu, cr-hz ...	3	cu-st, cr-st, hz ...	3	116·7	—	98·7	81·1
21	cu, cr-hz ...	6	cu, cr-cu, cr-hz.	5	cu, cr-cu, cr-hz ...	6	cu, cr-cu, cr-st, cr-hz	6	cu, cr-cu, cr-st, cr-hz	6	cu-st, cr-st, hz ...	6	116·4	—	97·4	81·2
22	cu, cr-cu, cr-hz.	5	d-cr-hz, cr-cu...	7	cu, cr-cu, d-cr-hz..	6	cu, cr-cu, d-cr-hz..	5	cu, cu-st, cr-hz ...	6	cu-st, cr-st, hz ...	6	109·5	—	95·7	80·9
23	cu, cr-hz ...	2	cr, cr-st ...	1	cr, cr-st	2	cr, cr-st	1	cu, cr-hz . ..	3	cu, cr-hz	6	120·5	—	99·2	78·3
24	cr-hz, cr-st ...	3	cr-hz, cr-st ...	2	cr-hz, cr-st ...	2	cr-hz, cr-st ...	2	cr-st, cr-hz ..	1	cu, cr-hz	5	117·4	—	99·7	79·8
25	cr-st, cr-cu, hz..	4	cr, cr-hz ..	1	cr-cu, cr-hz ...	1	cr-cu, cr-hz ...	2	cr-st, cr-hz ...	2	cr-st, cr-hz, lt-cu..	2	125·5	—	100·5	82·8
26	... ...	...	... ...	...	... ...	...	... ...	...	... .	...	... .	...	131·3	—	94·7	79·7
27	cu, cr-hz ...	3	cr, cr-st ...	2	cr-st, cr-hz ...	1	cr-st, cr-hz ...	1	cr-st, cu	2	cu, cr-st, cr-hz ...	3	130·0	—	94·7	80·5
28	cr-hz, cu ...	6	lt-cr-cu, cr-hz...	6	cu, cr-cu, cr-hz ...	4	cu, cr-cu, cr-hz ...	4	cu, cu-st, cr-hz ...	4	cu, cu-st, cr-hz ...	5	130·0	—	101·9	82·0
29	cu, cr-hz ...	8	cr-cu, cr-hz ...	6	cr-cu,cr-st,d-cr-hz	6	cr-cu,cr-st,d-cr-hz	5	cu, cr-cu, cr-hz ...	4	cu, cu-st, hz ...	5	129·1	—	99·8	82·0
30	cr, cr-st, cr-hz...	2	cr, cr-st, cr-hz...	3	cr, cr-st, cr-hz ...	3	cr-cu, cr-st, hz ...	3	cu, cu-st, cr-hz ...	6	cu-st, cr-st, hz ...	5	131·2	—	97·4	81·0

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE.

ard....around
cld....clouds or cloudy
cr or ci. cirri or cirro or cirrous
cu.....cumuli or cumulo
D .....dew
d .....dense
dis....distant
dt.....detached
E.....east
fg.....fog
fk.....forked
fl..... flying
fr.....frequent
g... ...ground
hy.....heavy
hl.....halo
hor . . horizon
hz ...haze or hazy
ld....loud
lg.....lightning
lt..... light
mt....meteor
N.....north
nim..nimbi
ny....nearly
ov....overhead
ovt...overcast
ps....peals
pt....part or partly or partial
R... .rain
r-b...rain-bow
S.....south
sc...scattered
sh... sheet
st....stratus
th....thunder
thi...thick
v ....very
viv...vivid
W....west

REMARKS ON THE WEATHER FOR THE MONTH OF JULY 1858

Date	Göttingen Mean Time **NOON**	Cloudy sky in 8ths	**2**	Cloudy sky in 8ths	**4**	Cloudy sky in 8ths	**6**	Cloudy sky in 8ths	**8**	Cloudy sky in 8ths	**10**	Cloudy sky in 8ths
1	cu-st, cr-st, hz ...	4	cu,cu-st,cr-hz,nim,lg-W	5	cu,cu-st,cr-hz,nim,lg-W	4	cu, hz, fr-sh-lg-SW..	2	cu, cr-cu, hz ...	3	cu, cr-hz	8
2	cu-st,cr-cu,cr-st,hz...	5	cu, cu-st, cr-st, hz, lg-W	5	ovt, R	8	cu,cr-hz,nim,fr-sh-lg-S,	6	ovt, fr-sh-lg ...	8	ovt, sh-lg-SW ...	8
3	cu-st, cr-st, d-hz ...	5	cu-st, cr-st, d-hz ...	5	ny-ovt, lg-W ...	7	ny-ovt ... [N, E	7	ovt, fr-lg-S... ...	8	... .	...
4	... ...	...	... ...	...	... ...	...	... .	...	... ...	...	ovt	8
5	hy-cu-st, hz, nim, dis-th, r-b ...	6	cu, cr-st, hz ...	3	cu-st, nim, lg, th-S..	6	ovt, fr-lg-SW, S ...	8	ovt	8	ovt	8
6	cu, cr-st, d-hz ..	6	hy-cu-st, cr-st, hz, lg-W	4	ny-ovt, lg-W, N ...	7	cu,cr-hz,nim,fr-lg-S,	6	ovt	8	ovt, sh-lg-SW ...	8
7	ovt	8	ny-ovt	7	cu, d-hz, lg-NW ..	7	ovt ... . .. [SW	8	ovt	8	ovt	8
8	cu-st, hz	5	ny-ovt	7	cu-st, cr-st, hz ...	6	cu, cu-st, cr-hz ...	5	cu, cr-hz	4	cu, cr-hz	7
9	hy-cu, cu-st, hz ...	5	ny-ovt, lt-R ...	7	ovt, lg-N	8	ovt	8	ovt	8	cu, cr-hz	5
10	hy-cu, nim	6	cu-st, hz	6	cu-st, cr-st, d-hz, lg-SW	6	ovt, fr-lg-N, th, NE.	8	ovt, lt-R	8	... .	...
11	... ...	..	... ...	...	... ...	...	... ...	...	... ...	...	ovt	8
12	ny-ovt	7	ny-ovt	7	cu, d-cr-hz	6	cu, cr-hz	5	cu, cr-hz	6	ovt	8
13	ny-ovt	7	ny-ovt	7	ovt	8	ovt, lt-R	8	ovt	8	ovt	8
14	ny-ovt	7	ovt, R	8	ovt, lg	8	ovt, lt-R	8	ovt	8	ovt	8
15	ovt, lt-R	8	ny-ovt	7	ovt	8	ovt	8	ovt	8	ovt	8
16	cu, cr-st, d-hz ...	7	cu, cr-st, d-hz ...	7	ovt	8	ovt	8	ovt	8	ovt	8
17	ovt	8	ovt	8	ovt	8	ovt	8	ovt	8	... ...	...
18	... ...	..	... ...	...	... ...	...	... ...	...	... ...	..	ovt	8
19	cu, cr-cu, cr-hz ...	6	cu, cr-cu, cr-hz ...	7	ovt	8	ovt	8	ovt	8	ovt	8
20	ovt	8	ny-ovt	7	cu, d-cr-hz	6	cu, d-cr-hz	6	ovt	8	cu, cr-hz	6
21	cu, cr-hz	4	ny-clear	0	clear	0	cu, cr-cu, cr-hz ...	7	fl-cu, cr-hz	5	cu, hz, lg-NE ...	2
22	cu, cr-hz	3	cu, cr-cu, cr-hz ...	3	cu, cr-hz	2	cu, cr-hz	2	cu, cr-cu, hz, sh-lg-NW.	4	cu, cr-hz	6
23	cr, d-cr-hz	7	cr, d-cr-hz	6	cu, cu-st, cr-hz ...	6	cu, cr-hz, nim ...	7	cu, cr-st, cr-hz ...	7	cu, cr-st, cr-hz ...	7
24	cu, d-cr, cr-hz ...	7	cu, d-cr, cr-hz ...	7	cu, d-cr, cr-hz ...	7	cu, d-cr, cr-hz ...	7	cu, d-cr, cr-hz ...	7	... ...	...
25	... ...	...	... ...	...	... ...	...	... ...	...	... ...	..	d-cr-hz, cu	8
26	cu, cr, d-cr-hz ...	6	cu, cr-cu, cr-hz ...	3	cu, cr-st, hz ...	3	cu, cr-st, hz ...	3	cr-cu, hz	3	cr-cu, hz	3
27	hy-cu,ou-st,cr-hz ...	6	cu, cu-st, hz ...	4	cu, cu-st, hz ...	4	ny-ovt, R	7	ovt, lg, th-E ...	8	ovt, sh-lg-N ...	8
28	cu, cr-hz	3	cu, cu-st, cr-hz ...	3	cu, nim, lg-N, W ...	7	ovt, lt-R	8	ovt	8	ovt, R	8
29	cu, cr-cu, cr-hz ...	6	cu, cr-cu, cr-hz ...	6	cu, cr-cu, cr-hz ...	4	cu, cr-hz	4	fl-cu, cu-st, hz ...	5	ovt	8
30	ovt	8	ovt	8	ovt	8	ovt	8	ovt	8	ovt	8

REMARKS ON THE WEATHER FOR THE MONTH OF AUGUST 1858

July 31	ovt	8	ovt	8	ny-ovt	7	ny-ovt	7	ny-ovt	7	... ...	...
1	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	ovt, fr-lg, th-W, R..	8
2	cu, cr-hz	4	cu, cr-hz	3	cu-hor, lg-SW ...	1	fl-cu, cr-hz	3	fl-cu, cr-hz, nim ...	6	cu, cu-st, cr-hz, nim, dis-lg-NW.	7
3	ny-ovt, th, lg, R ...	7	cu-hor, lg-SW,N ...	2	cu, hz, sh-lg-N ...	6	ny-ovt, sh-lg-W ...	7	ovt, fr-lg-8, W, R,	8	ovt, R, sh-lg-N ...	8
4	fl-cu, cu-st, cr-hz ...	6	cu, nim, lg, th ...	6	cu, lg-SW, N ...	2	cu, cr-hz, nim, lg-N,	7	ovt... ...[dis-th	8	ovt, sh-lg-N ...	8
5	ny-ovt	7	cu,cr,cr-hz,nim,lg-S.	7	ovt, lg-S	8	ovt ... ... [SW	8	ovt	8	ovt	8
6	cu, cr, d-cr-hz ...	6	ny-ovt	7	cu, cu-st, hz ...	4	ny-ovt, lt-R ...	7	ovt	8	ovt	8
7	ovt	8	ovt, lt-R, dis-th ...	8	ovt, lt-R	8	ovt	8	ovt	8	... ...	...
8	... ...	..	... ...	...	... ...	..	... ...	...	... ...	...	ovt	8
9	cu, cr, d-cr-hz ...	8	cu, cr, d-cr-hz ...	8	cu, cr, d-cr-hz ...	8	cu, d-cr-hz... ...	8	ovt	8	ovt	8
10	cu, cr, cr-hz ...	4	cu, cu-st, hz ...	4	cu, cu st, hz ...	4	ny-ovt	7	ovt	8	cu, cr-hz	3
11	cu, cr, cr-hz ...	6	cu, cu-st, lt-hz ...	2	cu, cu-st	4	cu, cr-hz	4	cu, cr-st, hz ...	6	cu, cr-st, hz .	5
12	cu, cr-cu, cr-hz ...	6	cu, cr-hz	2	cu, hz, lg-S ...	7	cu, cr-cu, hz ...	7	ovt	8	ny-ovt, fr-lg-SE ...	7
13	cu, cu-st, cr-hz ...	6	cu, cu-st, hz ...	4	cu, cr-st, hz, lg-SW..	4	cu-hor, sh-lg-SW ...	2	cu,cr hz,nim,sh-lg-SW..	6	cu,cr-hz,nim,sh-lg-SW..	6
14	cu, cr-hz	2	cr-st, hz	2	cr-hz, hl-☽	1	ny-clear, lg-SW ..	0	cr-st, cr-hz, sh-lg-W	2	... ...	...
15	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	ovt, sh-lg-S ...	8
16	cu, cr-hz	2	cu, cr-hz	1	cu,cr-st,hz,lg-W,NW	2	cu, cr-hz, sh-lg-NW.	4	cu, cr-st, hz ...	5	ny-ovt, sh-lg-S, SW.	7
17	cu, cu-st, cr-hz ...	4	cu, cr-hz	3	cu, cr-st, hz ...	2	cu, cr-hz	5	cu,cr-cu,cr-hz,nim...	7	cu, cr-cu, cr-hz, nim.	7
18	cr, d-cr-hz	6	cr, d-cr-hz	6	cr, d-cr-hz, hl-☽ ...	6	cr, cr-hz	7	cr-st, d-cr-hz ...	6	cr-st, d-cr-hz ...	5
19	cu-st, cr-st, hz ...	4	cu-st, cr-st, hz ..	3	cu, cr-st, hz ...	3	cr, cr-hz	4	cr, cr-st, d-cr-hz ...	7	cu, cr-cu, cr-hz, nim.	7
20	cu, cr-st, hz ...	3	cu-st, cr-st, hz ...	2	cu, cr-st, hz ...	3	cu, cr-st, cr-hz ...	4	cr, cr-st, cr-hz ...	5	cu, hz	3
21	cu-st, cr-st, hz ...	6	cr, d-cr-hz	6	cr, d-cr-hz	5	cr-st, cr-hz... ...	6	cr st, cr-hz	6	... ...	...
22	... ...	...	... ...	...	... ...	..	... ...	...	... ...	.	cu, cr-cu, cr-hz ...	7
23	cu-st, cr-st, d-hz ...	6	cr, cr-st, cr-hz ...	6	cr, cr-st, cr-hz, hl-☽	7	cr, cr-st, d-hz ...	6	cr-cu, cr, d-cr-hz ...	7	cu, cr-hz, fr-sh-lg-NW..	7
24	cr-st, cr, d-hz ...	6	cr-st, cr, d-hz ...	7	cr-st, cr, d-hz ...	5	cr-cu, cr, cr-st, hz...	5	cr-cu, cr, hz ..	6	cu, cr-cu, cr-hz ...	6
25	cr, cr-st, d-hz ...	6	cr, cr-st, d-hz ...	5	cr, cr-st, d-hz ...	5	cr, cr-st, d-hz ...	6	cr, cr-st, d-cr-hz ...	6	cr, cr-st, d-cr-hz ...	5
26	cu, cr-st, hz ...	2	cu, cr-st, hz ...	3	cu, cr-st, hz ...	2	cu, cr-hz	4	cu, cr-st, cr-hz ...	3	ovt	8
27	cu, cr-st, hz ...	3	cu, cr-st, hz ...	3	cu, cr-cu, cr-st, hz...	5	fl-cu, cu-st, cr-hz ...	5	cu, cr-hz	5	cu, cr-hz	5
28	cu, cu-st, cr-hz ...	3	cu, cu-st, cr-hz ...	2	cr, cr-hz, lg-W ...	2	cu, cr-cu, cr-hz ...	6	cu, cr-cu, cr-hz ...	7	... ...	...
29	... ...	...	... ...	...	... ...	...	... ...	...	... ...	..	cu, cr-cu, cr-hz ...	8
30	cu, cr, cr-hz ...	4	ny-ovt, lg-SW ...	7	cu, cr-hz, nim ...	6	fl-cu, hz, lg-SW ...	5	cu, cr-cu, hz, nim ...	6	cu, cr-cu, hz, nim...	6
31	hy-cu,cu-st,nim,r-h..	6	cu, cr-st, hz ...	3	cu-st, hz, lg-W ...	3	cu, cr-hz	6	cu, cr-hz	5	cu, cr-hz, nim ..	7

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE

ard ..around
old...clouds or cloudy
cr or ci.cirri or cirro or cirrous
cu....cumuli or cumulo
D ....dew
d ....dense
dis ...distant
dt ...detached
E.....east
fg ....fog
fk....forked
fl .....flying
fr ...frequent
g .....ground
hy ...heavy
hl....halo
hor...horizon
hz ...haze or hazy
ld ....loud
lg ...lightning
lt.....light
mt ...meteor
N. ...north
nim..nimbi
ny....nearly
ov ....overhead
ovt...overcast
ps ....peals
pt ...part or partly or partial
R. ....rain
r-b ...rain-bow
S .....south
sc....scattered
sh ....sheet
st ....stratus
th ....thunder
thi ...thick
v .....very
viv ...vivid
W ....west

REMARKS ON THE WEATHER FOR THE MONTH OF JULY 1858

Date	12	Cloudy sky in 8ths	14	Cloudy sky in 8ths	16	Cloudy sky in 8ths	18	Cloudy sky in 8ths	20	Cloudy sky in 8ths	22	Cloudy sky in 8ths	Thermometers: Radiation Sol.	Radiation Ter.	Air Max.	Air Min.
1	cu, cr-hz, cr-st..	3	cu, cr-hz, cr-st..	3	cr-st, hz	1	cr-st, hz	2	cr-st, hz	3	cu, cu-st, cr-hz ...	4	125·5	—	98·8	79·0
2	ovt	8	ovt	8	ovt	8	ovt	8	ny-ovt	7	cu-st,cr-st,d-cr-hz	6	110·0	—	94·7	76·5
3	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	100·7	—	94·3	75·3
4	ovt	8	cr-cu, cr-hz ...	6	cr-cu, cr-hz ...	6	cu, cr-cu, cr-hz ...	6	cu, cu-st, cr-hz ...	6	cu, cr-cu, cr-hz ...	5	122·0	—	94·4	76·2
5	ovt	8	cu, cr-cu, cr-hz.	6	cu, cr-cu, cr-hz ...	4	cu, cu-st, cr-hz ...	5	cu, cu-st, cr-hz ...	6	hy-cu, nim ...	6	122·0	—	94·3	76·4
6	ovt	8	ovt	8	ovt	8	ny-ovt	7	ovt	8	ovt	8	102·1	—	89·9	78·3
7	ovt	8	ovt	8	ovt	8	ovt	8	ny-ovt	7	ny-ovt	7	101·2	—	90·0	78·5
8	cu, cr-hz ...	7	cr-cu, cr-hz ...	6	cu, cr-cu, cr-hz ...	4	cu, cr-cu, cr-hz ...	5	cu, cu-st, cr-st, cr-hz	5	hy-cu, cu-st, hz ...	6	109·3	—	95·5	79·7
9	cu, cr-hz ...	7	cu, cr-hz ...	5	cr, cr-cu, cr-hz ...	3	cu, cr-cu, cr-hz ..	3	cu, cu-st, cr-hz ...	4	fl-cu, cr-hz, nim ...	5	115·0	—	97·9	79·3
10	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	106·2	—	95·2	77·0
11	ovt	8	cu, cr-cu, cr-hz.	6	cu, cr-cu, cr-hz ...	6	cu, cu-st, cr-cu ...	7	ny-ovt	7	ny-ovt	7	107·0	—	94·3	79·8
12	ovt	8	ovt	8	ovt	8	ny-ovt	7	ovt	8	ny-ovt	7	104·0	—	92·3	80·1
13	ovt	8	ovt	8	cu, cr-cu, cr-hz ...	7	cu, cr-cu, cr-hz ...	6	cu, cu-st cr-hz ...	7	hy-cu, cu-st, cr-st, hz	6	108·0	—	94·4	81·9
14	ovt	8	ovt	8	cu, cu-st, cr-hz ...	6	cu, cu-st, cr-hz ...	6	cu, cu-st, cr-hz ...	7	cu-st, cr-st, d-hz...	6	115·2	—	94·5	79·2
15	ovt	8	ovt	8	ny-ovt	7	ny-ovt	7	ny-ovt	7	cu, cr-st, d-hz ...	7	106·0	—	93·5	77·9
16	ovt	8	ovt	8	ovt	8	ovt	8	ovt	8	ovt	8	104·0	—	90·5	78·9
17	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	119·3	—	92·2	80·1
18	ovt	8	ovt	8	cu, cu-st, cr-hz ...	6	cu, cu-st, cr-hz ...	6	cu, cu-st, cr-hz ...	5	cu, cr-cu, cr-hz ...	7	115·0	—	96·1	81·7
19	cu, cr-hz ...	6	ovt	8	ovt	8	ny-ovt	7	ny-ovt	7	ny-ovt	7	111·0	—	93·7	80·8
20	cu, cr-hz ...	5	ovt	8	cu, cr-cu, cr-hz ...	6	cu, cr-cu	5	cu, cu-st, cr-hz ...	4	cu, cu-st, cr-hz ...	4	127·0	—	97·4	81·5
21	fl-cu, d-cr-hz ...	5	cr, cr-st, cr-hz..	3	cr, cr-st, hz ...	5	cr, cr-st, hz ...	5	cu, cu-st, cr-hz ...	5	cu, cu-st, cr-hz ...	4	130·5	—	98·6	79·4
22	cu, cr-hz, nim...	5	cu, cr-hz, nim...	6	cu, cu-st, cr-hz ...	4	cu, cu-st, cr-hz ...	5	cu, cu-st, cr-hz ...	7	cu, cu-st, cr-hz ...	7	121·5	—	95·6	80·6
23	cu, cr-st, cr-hz...	7	ovt	8	ny-ovt	7	ovt	8	cu, cu-st, cr-cu, cr-hz	6	cu, cu-st, cr-cu, cr-hz	7	122·3	—	96·6	80·1
24	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	125·5	—	99·1	79·7
25	d-cr-hz, cu ...	7	cr-hz, cr, cr-st...	6	cr-hz, cr, cr-st ...	6	cr-hz, cr, cr-st ...	6	cr-hz, cr, cr-st ...	7	cu, cr, d-cr-hz ...	6	110·3	—	99·1	81·7
26	cr-hz	1	ny-clear ...	0	cu, hz	2	cr-st, cr-hz ...	3	sc-cu, cr-hz ...	2	fl-cu, cu-st, cr-hz..	6	130·0	—	98·8	79·1
27	ovt	8	ny-ovt	7	ny-ovt	7	cu, cr-cu, cr, cr-hz	6	cu, cu-st, cr-hz ...	5	cu, cu-st, cr-hz ...	6	120·5	—	94·3	79·5
28	ovt, lt-R ...	8	ovt	8	ovt	8	ny-ovt	7	ny-ovt	7	cu, cr-cu, cr-hz ...	5	126·0	—	92·0	76·8
29	cu, d-cr-hz ...	8	ovt	8	ovt	8	ovt	8	ny-ovt	7	ny-ovt	7	127·5	—	92·5	79·1
30	ovt	8	ovt	8	ovt, lt-R ...	8	ovt	8	ovt	8	ovt	8	105·0	—	87·6	79·3

REMARKS ON THE WEATHER FOR THE MONTH OF AUGUST 1858

...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	105·0	—	87·5	77·2
1	ovt	8	ovt	8	cu,cr-cu,cr-st,cr-hz.	6	cu,cr-cu,cr-st,cr-hz.	4	cu, cu-st, cr-hz ...	5	cu, cu-st, cr-hz ...	6	125·0	—	91·9	73·8
2	ovt	8	cu, cr-cu, cr-hz.	6	cu, cu-st, cr-hz ...	6	cu, cu-st, cr-hz ...	6	cu, cu-st, cr-hz ...	6	fl-cu, cu-st, cr-hz..	5	123·5	—	92·9	77·2
3	ny-ovt	7	ovt	8	uy-ovt	7	ny-ovt	7	ovt	8	ovt	8	111·0	—	89·9	75·3
4	ovt, sh-lg-NE...	8	cu, cr-hz, nim ...	7	cu, cr-cu, cr-hz ...	7	cu, cr-cu, cr-hz ...	7	cu, cr-cu, cr-hz ...	8	ovt	8	116·5	—	91·7	77·2
5	ovt	8	ovt	8	ovt	8	ny-ovt	7	ovt	8	ovt	8	106·5	—	90·6	77·7
6	ovt	8	ovt	8	ovt	8	ny-ovt	7	ovt	8	ovt	8	112·5	—	91·4	79·0
7	... ...	...	... ...	...	... .	...	... ...	...	... ...	...	... ...	...	117·5	—	92·2	77·3
8	ovt	8	ny-ovt	7	uy-ovt	7	ovt	8	ovt	8	ovt	8	109·0	—	91·6	78·0
9	cu, cr-hz ...	7	cu, cr-cu, cr-hz.	5	cu, cr-cu, cr-hz ...	5	cu, cr-cu, cr-hz ...	5	cu, cr-cu, cr-hz ...	6	cu, cr, cr-hz ...	5	120·3	—	95·7	78·8
10	cu, cr-hz ...	2	cu, cr, cr-hz ...	4	cr-st, cr-hz, ...	3	cr-st, cr-hz ...	2	cu, cr-st, cr-hz ...	4	cu, cr-st, cr-hz ...	5	119·8	—	97·1	79·8
11	cu, cr-st, hz ...	5	cu, cr-cu, cr-hz.	3	ovt	8	ny-ovt	7	ny-ovt	7	cu, d-cr-hz ...	7	115·5	—	93·6	78·8
12	cu, cr-hz, nim...	6	cu, cr-hz, nim ...	7	cu,cu-st,cr-cu,cr-hz	6	cu,cu-st,cr-cu,cr-hz.	6	fl-cu, cu-st, cr-hz..	7	cu, cr-cu, cr-hz ...	7	127·0	—	95·5	80·0
13	cu, cr-hz ...	7	ovt	8	ovt	8	ovt	8	cu, cu-st, cr-hz ...	6	cu, cu-st, cr-hz ...	6	128·5	—	93·3	78·6
14	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	137·5	—	92·5	78·9
15	cu, cr-hz, sh-lg,SE	3	cu, cr-hz ...	3	cu, cr-hz	3	cu, cr-st, cr-hz ...	3	fl-cu, cu-st, cr-hz..	4	fl-cu, cu-st, cr-hz..	6	130·0	—	95·3	79·5
16	cu, cu-st, nim, fr-lg,S,lt-R	6	ovt	8	ovt	8	ovt	8	cu, cu-st, cr-hz ...	6	cu, cu-st, cr-hz ...	5	127·5	—	92·9	78·7
17	cu,cr-cu,cr-hz,nim	3	cr-hz, cr-st, cu..	5	cr-hz, cr-st, cu ..	6	cr-hz, cr-st, cu ...	5	cu, cu-st, cr-hz ...	5	cu, cu-st, cr-hz ...	6	127·5	—	93·1	79·8
18	cu, cr-hz ...	4	d-cr-hz ...	7	cu, cr-st, cr-hz ...	6	cu, cr-st, cr-hz ...	5	fl-cu, cu-st, cr-hz..	6	cu-st,cr-st,cr-cu,hz	5	133·2	—	94·6	79·4
19	or-hz, cu ...	3	cu, cr-hz ...	4	cr-st, cr-hz ...	2	cu, cr-st, cr-hz ...	4	cu, cu-st, cr-hz ..	4	cu, cu-st, cr-hz ...	5	139·5	—	94·5	79·8
20	ny-clear ...	0	cr, cr-st, cr-hz...	3	cr-cu, cr-hz ...	3	cu, cr-cu, cr-hz ...	4	cu, cu-st, cr-hz ...	5	cu, d-cr-hz ...	6	140·0	—	93·7	79·9
21	... ...	...	... ...	...	... ...	...	... ...	...	.. ..	...	... ...	...	129·5	—	92·9	81·5
22	cu, cr-cu, cr-hz, sh-lg-N.	6	d-cr-hz, cu ...	7	d-cr-hz, cu ...	5	cu, cr-cu, cr-hz ...	6	cu, cu-st, cr-hz ...	5	cu, cu-st, or-hz ...	6	132·0	—	95·5	80·1
23	ovt	8	cu, cr-hz, nim ...	7	cu, cr-st, cr-hz ...	5	cu, cr-st, cr-hz ...	5	cu, cr-st, cr-hz ...	6	cr, d-cr-hz ...	6	126·0	—	92·8	77·7
24	cu, cr-cu, cr-hz.	6	cu,cr-cu,d-cr-hz	6	cu, cr-cu, d-cr-hz..	6	cu, cr-cu, d-cr-hz..	5	cr-cu, cr-hz ...	7	cu, cr, d-cr-hz ...	6	131·5	—	97·5	79·2
25	cu, d-cr-hz ...	6	cr-hz, cr-st ...	4	cr-hz, cr-st ...	3	cr-st, cr-hz, cu ...	3	cu, cr-st, cr-hz ...	4	cu, cr-st, cr-hz ...	3	135·0	—	93·7	78·9
26	ovt, R	8	ovt	8	cu, cu-st, cr-hz ...	6	cr-cu, cr-st, cr-hz..	4	cr-cu, cr-st,cr-hz..	3	cu, cu-st, cr, cr-hz	4	135·0	—	92·5	77·9
27	cr, cr-hz ...	7	cr-cu, cr, cr-hz..	5	cr-cu, cr, cr-hz ...	5	ny-clear	0	cu, cr-hz	3	cu, cr-hz	3	138·1	—	94·7	80·1
28	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	126·5	—	95·8	81·0
29	cu, cr-cu, cr-hz.	6	cu, cr-hz ...	2	cr-cu, cr, cr-hz ...	2	cr-cu, cr, cr-hz ...	3	cu, cr-cu, cr-hz ...	4	fl-cu, cu-st, cr-hz..	6	132·5	—	97·8	80·6
30	cu, cr-hz ...	5	cr-cu, cr-hz ...	4	cr-cu, cr-hz ...	4	cr-cu, cr-hz ...	5	cu, cr-cu, cr-hz ...	6	cu, cr, cr-hz ...	4	124·2	—	97·6	77·4
31	cu, cr-hz, sh-lg,SW	8	cu, cr-hz ...	2	cr, cr-hz	3	cu, cr, cr-hz ...	4	cu, cr, cr-hz ...	4	cu, cr, d-cr-hz ...	6	138·0	—	96·4	78·1

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE

ard...around
cld ...clouds or cloudy
cr or ci, cirri or cirro or cirrous
cu ...cumuli or cumulo
D ...dew
d ....dense
dis...distant
dt....detached
E....east
fg ...fog
fk....forked
fl ....flying
fr ...frequent
g.....ground
hy ..heavy
hl ....halo
hor ..horizon
hz ...haze or hazy
ld ....loud
lg.....lightning
lt ....light
mt....meteor
N ....north
nim..nimbi
ny ..nearly
ov....overhead
ovt...overcast
ps....peals
pt....part or partly or partial
R ....rain
r-b ...rain-bow
S ....south
sc....scattered
sh....sheet
st ....strata
th....thunder
thi ..thick
v.....very
viv ...vivid
W ....west

REMARKS ON THE WEATHER FOR THE MONTH OF SEPTEMBER 1858

Date	Göttingen Mean Time **NOON**	Cloudy sky in 8ths	2	Cloudy sky in 8ths	4	Cloudy sky in 8ths	6	Cloudy sky in 8ths	8	Cloudy sky in 8ths	10	Cloudy sky in 8ths
1	cu, cr, d-cr-hz ...	4	cu, cr-st, hz ...	2	cu, hz, lg-N ...	1	cu, hz, lg-SW ...	2	cu, cu-st, cr-hz ...	4	cu, cu-st, cr-hz ...	4
2	hy-cu, cu-st, nim ...	6	fl-cu,cr-cu,hz,lg-SW	6	cu, hz, lg-SW ...	3	cu, cu-st, nim ...	8	ovt, sh-lg-SW ...	8	cu, cr-hz, sh-lg-N ...	6
3	ny-ovt, lt-R, r-b ...	7	cu, cu-st, hz, lg-W...	6	cu, d-hz, lg-N ...	6	cu, cu-st, cr-hz, lg...	5	cu, cu-st, cr-hz ...	4	cu, cu-st, cr-hz ...	6
4	cu-st, cr-st, hz ...	5	cu-st,cr-st,hz,lg-NW	6	cu, hz, lg-NE ...	2	cu, cu-st, cr-hz ...	4	cu, cu-st, cr-hz ...	4	... ...	...
5	... ...	..	... ...	...	... ...	...	... ...	...	... ...	...	ovt, th-N, R, sh-lg-N	8
6	ovt, th, lg, R ...	8	cu,cu-st,cr-st,hz,lg-N	6	cu, cr-st, hz, lg-NW	3	cu, cr-st, hz, lg-NW.	3	cu, cu-st, nim, lg ..	4	ovt, fr-lg, NW ...	8
7	cu, cu-st, cr-st, d-hz.	7	ny-ovt, lg-SE ...	7	ovt	8	ovt	8	ovt	8	ovt, R	8
8	ovt	8	ovt	8	ovt	8	ovt	8	ovt	8	ovt, lt-R	8
9	ny-ovt	7	ovt	8	ny-ovt	7	ovt	8	ovt	8	ovt	8
10	cu, cr-cu, cr-hz ...	6	cu, cr-st, cu-st, d-hz.	7	cu, cu-st, d-hz ...	5	ny-ovt	7	cu, cu-st, cr-hz ...	5	ny-ovt	7
11	cu, cu-st, cr-hz ...	5	cu-st, cr-st, hz ...	7	cu, cu-st, lg-NE ...	6	ny-ovt	7	cu, cu-st, cr-hz ...	6	... ...	...
12	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	ovt, sh-lg-NW ...	8
13	ny-ovt	7	ovt	8	ovt	8	ovt	8	ovt	8	cu, cr-hz	8
14	cu, cr-cu, d-cr-hz ...	6	ny-ovt	7	cu, cu-st, nim, lg-W.	4	cu, cu-st, cr-hz, nim.	5	cu, cu-st, cr-hz, nim.	6	ovt	8
15	cu, cr, d-cr-hz ...	6	ny-ovt	7	ny-ovt	7	ny-ovt	7	cu, cu-st	2	cu, cr-hz	4
16	hy-cu, cu-st, nim ...	6	cu, hz	3	cu, cr-cu, cr-st, hz...	7	ovt	8	ovt	8	ovt	8
17	cu, d-cr-hz	4	cu-st,cr-st,d-hz,lg-W	5	cu,cu-st,cr-st,hz,lg,th	5	ovt	8	ovt, lg, th	8	ovt, fr-ps-th, lg, R...	8
18	cu, d-cr-hz	4	cu-st, cr-st, hz ...	7	cu, hz, nim ...	6	cu, cu-st, hz, nim ...	7	cu, cu-st, cr-hz ...	6	... ...	...
19	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	ovt	8
20	cu, d-cr-hz	8	cu, cr-st, d-hz ...	4	ny-ovt	7	ny-ovt	7	ovt	8	cu, cr-hz, cr-st ...	7
21	cu, cr-st, d-hz ...	5	cu, cr-st, hz ...	3	cu, cr-st, hz, hl-☽ ...	4	cu, cr-st, d-cr-hz ...	5	cu, cr-st, cr-hz ...	6	d-cr-hz, cr-st ...	7
22	sc-cu, cr-hz ...	2	cu, cr-cu, hz ...	5	cr-cu, cr-st	3	cu, cr-cu, cr-st ...	4	cu, cu-st, cr-hz ...	5	cr-hz, cr-st	3
23	cu, hz	2	cu, hz	3	cu, cr-hz	3	ny-clear	0	cr-st, cr-hz	2	cu, cu-st, cr-hz ...	5
24	cr-st, cr-hz... ...	2	cr-st, hz	2	cu, cr-st, hz ...	3	cu, cr-st, hz ...	3	cu, cr-hz, cr ...	5	cu, cr-cu, cr-hz ...	5
25	cr, d-cr-hz	6	cu, cr-st, d-hz ...	3	cu, cr-st, d-hz ...	5	cu, cr-cu, d-hz ...	6	cu, cr-cu, d-hz ...	6	... ...	...
26	... ...	...	... ...	...	... ...	...	... .	...	... ...	..	cr-st, cr-hz	6
27	cu, d-cr-hz	6	cr-st, cr-hz ...	3	cu, hz	3	cu, cr-cu, cr-hz ...	6	cu, cu-st, cr-cu, cr-hz	6	cu, cr-hz	3
28	ny-clear ... [NW	0	ny-clear	0	cu, hz	1	cu, hz	2	ny-clear	0	cu, cr-st, cr-hz ...	2
29	cu, cu-st, cr-hz, th-	3	cr-st, hz	2	ny-clear	0	ny-clear, lg-W ...	4	cu, cr-cu, cr-hz ...	4	cu, cr-cu, cr-hz ...	2
30	cu, cr, d-cr-hz ...	2	cu-st,cr-st,cr-hz,lg-N.	2	cu, cu-st, lg-W, NW	3	cu, cu-st, lg-W, N W	2	cu, cr-st, cr-hz ...	4	cu, cr-hz	5

REMARKS ON THE WEATHER FOR THE MONTH OF OCTOBER 1858

1	cu, cr-hz	2	ny-clear	0	ny-clear, lg-N ...	0	cr, cr-hz	2	cu, cr-hz	3	cu, cr-hz	4
2	cu, cr-hz	1	cu, cr	1	ny-clear, lg-W ...	0	clear	0	cu, hz	2	... ...	...
3	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	clear	0
4	cu, cr, cr-hz ...	3	cu-st, cr-st, hz, lg-W	2	cu, cr-st, lg-SW-hor	1	ny-clear	0	ny-clear	0	cu, hz, sh-lg-N W ...	2
5	cu, cr, cr-hz ...	2	cu, cr-st, hz, th-lg-N	2	cu, cr-st, hz, lg-N...	4	cu, cr-st, cr-hz ...	4	cr-st, cr-hz	4	cu, cr-hz	3
6	ovt, lt-R	8	ovt	8	ovt	8	ovt	8	ovt	8	ovt... ... [W	8
7	ovt, R	8	ovt, R	8	ovt, R ... [hor	8	ovt	8	ovt, hy-R	8	cu, cr-hz, nim, sh-lg-	6
8	cu, cr-hz	3	lt-cu, cr-st	1	cr-st, hz, cu, sh-lg, SW-	1	cu, cr-hz	4	fl-cu, cr-hz	4	cu, cr-hz	6
9	cu, cr-cu, cr-hz ...	7	ny-ovt	7	cu-st, cr-st, hz, lg-W	5	cu, hz, nim, lg-N ...	5	cu, cr-hz	3	... ...	...
10	... ...	...	... ...	...	... ...	...	.. ..	...	.. ..	...	ovt, R	8
11	ovt	8	ovt	8	ny-ovt	7	ovt	8	ovt	8	cu, cr-hz	3
12	cu, cr-cu, cr-hz ...	6	cu, cu-st, cr-hz ...	3	cu-st, hz	2	cu, cr-hz	3	cu, cr-hz	3	cu, cr-hz	2
13	cu, cr-hz	3	cu, d-cr-hz, lg-N W..	7	cu, d-cr-hz, lg-N W..	7	cu, cr-hz, fr-lg, W, N.	4	cu, cu-st, hz, fr-lg-W	3	cu, cu-st, cr-hz ...	7
14	ny-ovt	7	ovt, R	8	ovt	8	ovt	8	ovt, lt-R	8	ovt, sh-lg-N ...	8
15	ny-ovt	7	cu, hz	4	cu, cr-st, hz ...	3	ny-ovt, lt-R ...	7	cu, cr-hz, nim ...	6	cu, cr-hz, nim ...	7
16	cu, cr-hz	3	cu, hz, lg-W ...	1	cu, hz	1	cu, hz, lg-W ...	2	cu, hz	3	... ...	...
17	... ...	...	... ...	...	... ... [NW, SW	...	... ...	...	... ...	..	ovt	8
18	ny-ovt	7	cu,cu-st,cr-hz,lg-NW	3	cu, cu-st, cr-st, hz, lg-W,	5	cu, cr-hz	3	fl-cu, cr-hz	6	ovt, lt-R	8
19	cu, cr-cu, d-cr-hz ...	6	cu, cr-cu, d-cr-hz ...	7	cu, d-hz	7	ny-ovt	7	ovt, lt-R	8	ovt	8
20	hy-cu, d-cr-hz, nim.	7	hy-cu, nim	7	cu, d-hz, cr-st ...	3	ny-ovt	7	ovt	8	ovt	8
21	ovt	8	ovt	8	ovt	8	ovt	8	ovt	8	ovt	8
22	ovt	8	ovt	8	ovt, lt-R	8	ovt	8	ovt	8	ovt	8
23	ny-ovt	7	ovt	8	ovt	8	ovt	8	ovt	8	... ...	...
24	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	ovt, hl-☽	8
25	cu, cr-cu, hz, th-W...	5	ny-ovt, sh-lg-S ...	7	cu-st, cr-st, hz ...	6	cu, cr-hz	5	ovt	8	ovt	8
26	cu, cr-cu, cr-hz ...	6	cu-st, cr-st, hz ...	4	cu, cr-st, hz ...	3	cu, cr-st, hz ...	5	cu, cr-st, cr-hz ...	4	cr-hz, cr	2
27	cu, cr-st, hz ...	4	cr, cr-st	1	cr-st, hz	1	cr, cr-hz-hor ...	2	cu, cr-hz, D ...	3	cu, cr-hz, D ...	2
28	sc-cu, hz	4	ny-clear	0	clear	0	clear	0	clear	0	clear, D	0
29	ny-clear	0	clear	0	clear	0	clear	0	clear	0	clear	0
30	sc-cu, hz	3	clear	0	clear	0	clear	0	clear	0	... ... [lg-N	...
31	... ...	...	... ...	...	... .	...	... ...	...	... .	...	cu, cu-st, nim, R, sh-	6

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE

ard....around
cld....clouds or cloudy
cr or ci. cirri or cirro or cirrous
cu....cumuli or cumulo
D.....dew
d.....dense
dis...distant
dt.....detached
E.....east
fg.....fog
fk.....forked
fl.....flying
fr.....frequent
g.....ground
hy....heavy
hl....halo
hor...horizon
hz....hazo or hazy
ld....loud
lg....lightning
lt.....light
mt...meteor
N.....north
nim..nimbi
ny...nearly
ov...overhead
ovt...overcast
ps....peals
pt....part or partly or partial
R.....rain
r-b....rain-bow
S.....south
sc.....scattered
sh....sheet
st.....stratus
th....thunder
thi...thick
v.....very
viv...vivid
W....west

REMARKS ON THE WEATHER FOR THE MONTH OF SEPTEMBER 1858

Date	12	Cloudy sky in 8ths	14	Cloudy sky in 8ths	16	Cloudy sky in 8ths	18	Cloudy sky in 8ths	20	Cloudy sky in 8ths	22	Cloudy sky in 8ths	Thermometers: Radiation Sol.	Radiation Ter.	Air Max.	Air Min.
1	cu,cu-st,cr-hz,nim	6	cu,cr-cu,cr-hz,nim	6	cr-cu, cr	2	sc-cu, cu-st, ...	2	fl-cu	5	hy-cu, cu-st, nim .	6	137·0	—	97·7	79·0
2	cu,cr-hz,sh-lg-NW	7	cu, cr-hz ...	3	cr, cr-st	2	cr, cr-st	2	fl-cu, cu-st, cr-hz .	6	cu, cu-st, cr-hz, nim .	6	135·0	—	95·4	78·7
3	cu,cr-hz,sh-lg-NW	4	cr-cu, cr-hz ...	6	cr-st, cr-hz, cr-cu.	6	cr-st, cr-hz ...	6	cu, cr-st, cr-hz ...	6	cu, cr-st, cr-hz ...	5	134·0	—	91·4	79·0
4	... ...	...	... ...	...	... ...	...	... ...	...	.. ..	...	... ...	..	132·0	—	93·6	79·4
5	ovt	8	ovt	8	cr-cu, cr-hz ...	5	cr-cu, cr-st, cr-hz.	5	cu, hz	5	hy-cu, cu-st, nim .	6	132·0	—	93·2	76·0
6	ovt	8	ovt	8	ovt	8	ovt	8	d-cr-hz	8	d-cr-hz	7	111·8	—	88·5	75·3
7	ovt, sh-lg-N W .	8	ovt	8	ovt	8	ovt	8	ovt	8	ovt	8	ovt.	—	85·7	75·4
8	ovt	8	ovt	8	ovt	8	ovt	8	ovt	8	ovt	8	108·3	—	83·8	76·3
9	ovt	8	ovt	8	cu, cr, cr-hz ...	7	ny-ovt	7	cu, cr-hz	7	cu, cr-hz ...	7	107·0	—	87·6	77·1
10	ovt	8	ny-ovt... ...	7	cu, cr-cu, cr-hz ...	7	cu, cr-cu, cr-hz ...	5	cu, cu-st, cr-cu, hz	6	cu, cu-st, cr-cu, hz.	6	112·3	—	93·1	77·9
11	... ...	...	... .	...	... ...	...	... .	...	... ...	...	... ...	...	113·3	—	92·6	79·0
12	ovt, lt-R ...	8	ovt	8	ovt	8	ovt	8	ovt	8	ovt	8	ovt.	—	92·0	79·2
13	cu, cr-hz ...	7	cu, cr-cu, cr-hz.	6	ovt	8	ny-ovt	7	cu, cr-hz	7	ovt	8	ovt.	—	90·4	79·5
14	ovt	8	ovt	8	cr-cu, cr, cr-hz ...	7	cr-cu, cr, cr-hz ...	3	cu, cr-cu, cr-hz ...	6	ovt	8	120·5	—	91·9	79·2
15	cu, cr-hz ...	2	cu, cr, cr-hz ...	3	cr-st, cr-hz ...	3	cr-st, cr-hz ...	3	cu, cu-st, cr-hz ...	4	fl-cu, cu-st ...	6	122·0	—	94·9	79·0
16	ny-ovt ...	7	ny-ovt ...	7	ny-ovt	7	cr-st, cr-hz ...	7	cu, cr-st, cr-hz ...	6	cu, cr-st, cr-hz ...	6	127·0	—	93·3	79·0
17	ovt	8	cu, cr-hz ...	7	cr-st, cr-hz ...	5	cr-st, cr-hz, cr-cu.	5	cu-st, cr-hz ...	4	cu, cr-cu, cr-hz ...	4	124·7	—	92·5	77·1
18	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	127·5	—	93·6	77·1
19	ovt	8	cu, cr-cu, cr-hz.	7	ovt	8	d-cr-hz	7	d-cr-hz	8	cu, d-cr-hz ...	8	103·0	—	91·3	81·1
20	cu, cr-st, cr-hz..	5	cu, cr-hz ...	4	cr, cr-hz	3	cr, cr-hz	3	cr-st, cr-hz ...	5	cr-st, cr-hz ...	4	120·6	—	93·6	77·8
21	d-cr-hz, cr-st ...	4	cu, cr-hz, cr-st..	4	cr, cr-hz	2	cr-cu, cr, cr-hz ...	4	cu, cr-cu, cr-st ...	3	sc-cu, cr-hz ...	2	130·5	—	93·7	78·1
22	cr-cu, cr-hz ...	2	cr, cr-hz, cr-st .	3	ny-clear	0	ny-clear	0	cr-hz, cr-st ...	1	cr-cu, cr-hz ...	2	141·5	—	91·4	77·5
23	cu, cr-hz ...	4	cr-cu, cr-st, cr-hz	3	lt-cr, cr-st ...	3	lt-cr, cr-st ..	3	cr-hz, cr-st ...	4	cr-st, cr-hz ...	3	139·3	—	93·5	77·4
24	cu, cr-cu, cr-hz .	5	cu, cr-cu, cr-hz.	5	cu, cr-cu, cr-hz ...	6	cu, cr-hz	5	cr-hz, cr-st ...	5	cr-st, cr-hz ...	3	135·0	—	93·8	79·0
25	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	140·4	—	93·0	78·5
26	cr-st, cr-hz ...	4	cu, cr-hz, cr-st .	4	cr-st, cr-hz ...	5	cr-st, cr-hz, cu ...	5	cr-st, cr-hz, cu ...	7	fl-cu, cu-st ...	6	140·5	—	93·1	78·2
27	cr-hz, cr-st ...	2	cu,cu-st, cr-cu, cr-	5	ny-clear ...	0	sc-cu, cu-st ...	3	cu, cu-st	4	cu, cu-st	3	138·5	—	92·1	78·4
28	cr-hz, cr ...	2	cu, hz ... [hz	2	fl-cu, nim ...	5	fl-cu, nim ...	6	cu, hz	4	cu,cu-st,cr-hz,th-NW	4	112·5	—	91·0	78·0
29	cu, cr-cu, cr-hz.	2	cr, cr-hz, cr-cu .	4	cr, cr-st, ...	2	cr-cu, cr-st ...	3	cu, cr-st, cr ...	4	cu, cr, d-cr-hz ...	4	130·7	—	93·0	77·8
30	cu, cr-hz ...	4	cu, cr-cu, cr-hz .	4	cr-st, cr-hz ...	3	cu, cr-st, cr-hz ...	3	cu, cr-st, cr-hz ...	4	cu, cr, cr-hz ...	3	124·0	—	92·8	79·8

REMARKS ON THE WEATHER FOR THE MONTH OF OCTOBER 1858

1	cu, cr-hz ...	2	cu, cr-hz ...	3	cu, cu-st, cr-hz ...	3	cu, cu-st, cr-hz ...	4	cu, cu-st, cr-hz ...	3	cr, cr-hz	1	122·0	—	90·5	79·0
2	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	130·5	—	91·0	77·4
3	olear	0	cu, hz	3	cu, cr, cr-hz ...	3	cu, cr, cr-hz ...	5	cu, cr, cr-hz ...	4	cu-hor	2	129·5	—	92·9	77·1
4	cu, hz	1	cr-hz, cr-st ...	3	cu, cr-st, cr-hz ...	4	cu, cu-st, cr-hz ...	5	cu, cu-st, cr-hz ...	4	cu, cr, cr-hz ...	2	140·7	—	91·0	77·6
5	cu, hz	2	cu, cr-hz, cr ...	4	cu, cr-hz	7	ny-ovt, th-E ..	7	ovt, lt-R	8	ovt, lt-R	8	100·0	—	86·3	78·1
6	ovt, lt-R ...	8	ovt, lt-R ...	8	ovt, R	8	ovt, R	8	ovt, R, dis-th ...	8	ovt, R	8	ovt.	—	80·4	74·1
7	cu, cr-hz, nim ...	6	ovt	8	ny-ovt	7	fl-cu, cu-st,cr-hz, nim	7	fl-cu, cu-st, cr-hz,nim	6	cu, cu-st, cr-hz ...	5	108·0	—	84·6	73·8
8	cu, cr-hz ...	4	cu, cu-st, cr-hz..	3	cu, cu-st, cr-hz ...	5	cu, cu-st, cr-hz ...	5	cu, cu-st, cr-hz ...	4	cu, cu-st, cr-hz ...	5	132·5	—	87·3	77·3
9	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	ovt.	—	85·1	75·5
10	ovt, R	8	ovt, R ...	8	ovt, R	8	ovt, R	8	ovt	8	ovt	8	ovt.	—	79·5	73·1
11	cu, cr-hz ...	3	cu-cu, cr-hz ..	7	ovt	8	cu, cr-hz... ...	5	cu,cu-st,cr-hz,nim	6	hy-cu, nim ...	7	117·0	—	87·6	74·8
12	cu, cr-hz ...	3	cu, cu-st, cr-hz .	3	cu, cr, cr-hz ...	3	cu, cr-hz... ...	4	cu, cu-st, cr-hz ...	5	cu, cu-st, cr-st ...	4	131·5	—	87·9	76·1
13	ovt	8	ovt, hy-R ...	8	ovt	8	ovt, lt-R, th-W ...	8	ovt, lt-R ...	7	ovt	8	ovt.	—	84·6	76·7
14	cu, cr-hz ...	4	cu, cr-cu, cr-hz .	3	fl-cu, cu-st, cr-hz .	5	fl-cu, cu-st, cr-hz .	6	ovt	8	ny-ovt	7	117·9	—	84·3	75·3
15	cu, cu-st, cr-hz.	4	cu, cu-st, cr-hz,	6	cu, cr-cu, cr-hz ...	5	cu, cu-st, cr-cu, cr-hz	5	cu, cu-st,cr-cu, cr-hz,	6	cu, cu-st, d-cr-hz .	6	126·7	—	85·0	75·1
16	... ...	..	... [nim,r-b	...	... ...	...	... ...	...	... ... [nim	...	... ...	...	123·3	—	84·8	77·2
17	cu, cu-st, cr-hz.	6	cu, cu-st, cr-hz .	6	cu, cu-st, cr-hz ...	6	ny-ovt	7	ovt	8	ny-ovt	7	100·4	—	84·3	77·1
18	ny-ovt	7	ovt	8	cu, cu-st, cr-cu, cr-hz	6	cu, cu-st, cr, cr-hz	6	cu, cu-st, d-cr-hz .	6	ny-ovt	7	131·5	—	86·5	75·0
19	cu,cu-st,cr-hz, nim	5	cu, cu-st, cr-cu, cr-	5	cu, cu-st, cr-cu, cr-hz	6	cu, cu-st cr-hz ...	6	fl-cu, cr-hz ...	6	hy-cu, nim ...	7	133·5	—	86·0	75·6
20	cu, cr-hz ...	6	uy-ovt ... [hz	8	cu, cr, cr-st ...	5	cu, cr, cr-st ...	5	cu, cr-cu, cr-hz ...	8	cu, cr-cu, cr-hz ...	8	114·5	—	84·8	75·2
21	ovt, lt-R ...	8	ovt, R	8	ovt, lt-R	8	ovt, R	8	ovt	8	ovt	8	ovt.	—	81·1	69·3
22	ovt, lt-R ...	8	ovt, R	8	ovt, R	8	ovt	8	ovt	8	ovt	8	ovt.	—	80·0	72·6
23	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	ovt.	—	86·1	74·0
24	ovt	8	ovt	8	cu, cr-st, cr-hz ...	6	cu, cr-cu, cr-hz ...	6	cu,cu-st,cr-hz,nim	7	cu, cu-st, nim, lt-R..	7	135·5	—	85·2	74·9
25	ovt, dis-th ...	8	ovt	8	ovt	8	ny-ovt	7	ny-ovt	7	cu, d-cr-hz ...	6	126·0	—	84·3	76·0
26	cr-hz, cr, D ...	2	cr-hz, cr-st ...	2	cu, cr-st, cr-hz ...	3	cu, cr-st, cr-hz ...	4	cu, cr-st, cr-hz ...	4	cu, d-cr-hz ...	5	140·5	—	86·5	73·8
27	cu, cr-hz, D ...	2	cr-cu, cr-hz, cr-st.	3	cr-cu, cr-hz, cr-st .	2	cr-cu, cr-hz, cr-st .	3	cu, cr-cu, cr-hz ...	4	so-cu, hz	3	142·5	—	86·0	72·1
28	clear, D ...	0	cr-cu, hz ...	2	cr-cu, cr-hz ...	1	cu, cu-st, cr-hz ...	3	fl-cu, cu-st, cr-hz .	4	so-cu, hz	3	139·5	—	85·1	73·2
29	cr-hz, D ...	2	cr-hz	2	cu, cu-st, cr-hz ...	3	cu, cu-st, cr-hz ...	3	cu, cu-st, cr-hz ...	4	cu, cr-hz ...	4	140·5	—	85·5	73·9
30	... ...	...	... ... [W	...	... .	...	... ...	...	... ...	...	... ...	..	137·4	—	88·3	74·1
31	cu, cu-st, nim .	4	cu, cu-st, nim, r-b-	4	cu, cu-st, cr-hz ...	4	cu, cu-st, cr-hz, nim .	5	cu, cu-st, cr-hz ...	4	cu, cu-st, cr-hz ...	4	129·3	—	87·1	76·3

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE

ard....around
cld.....clouds or cloudy
cr or ci. cirri or cirro or cirrous
cu.....cumuli or cumulo
D .....dew
d .....dense
dis.....distant
dt.....detached
E .....east
fg.....fog
fk.....forked
fl.....flying
fr .....frequent
g.....ground
hy .....heavy
hl .....halo
hor ....horizon
hz .....haze or hazy
ld.....loud
lg .....lightning
lt.....light
mt.....meteor
N .....north
nim....nimbi
uy .....nearly
ov.....overhead
ovt ....overcast
ps.....peals
pt.....part or partly or partial
R .....rain
r-b.....rain-bow
S .....south
sc.....scattered
sh.....sheet
st .....stratus
th.....thunder
thi....thick
v.....very
viv....vivid
W ....west

REMARKS ON THE WEATHER FOR THE MONTH OF NOVEMBER 1858

Date	Göttingen Mean Time **NOON**	Cloudy sky in 8ths	**2**	Cloudy sky in 8ths	**4**	Cloudy sky in 8ths	**6**	Cloudy sky in 8ths	**8**	Cloudy sky in 8ths	**10**	Cloudy sky in 8ths
1	hy-cu, cr-hz ...	6	cu, cr, cr-hz ...	6	cu, hz	4	cu, cu-st, hz, lg-SW.	3	cu, cu-st, cr-hz, nim.	5	cu, cr-st, cr-hz ..	3
2	fl-cu, cr-st, hz ...	3	fl-cu, hz	2	cu, hz	1	cu, hz	1	cu-hor	2	cu-hor	1
3	sc-cu, hz	2	clear	0	cu	1	cu, hz	2	cu, hz	3	cu, hz	2
4	cu, d-cr-hz	4	cu-st, cr-st, hz ...	5	cu, cr-hz, nim ...	4	uy-ovt	7	ovt, lt-R	8	ovt, lt-R	8
5	ovt	8	ovt, lt-R, lg-N W ...	8	ovt	8	ovt	8	ovt, ...	8	cu, cu-st, cr-hz ...	6
6	sc-cu, hz	3	clear	0	cu	2	cu	1	ny-clear	0	... ...	...
7	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	ovt, hy-R	8
8	ny-clear	0	fl-cu	2	fl-cu	2	cu, hz	2	cu, cr-cu, hz ..	4	cu, cr-hz	3
9	sc-cu, hz	2	sc-cu, hz	2	fl-cu	2	clear	0	clear	0	cu, hz	2
10	cu, cr-hz	3	cu, hz	1	cu, cr-st, hz ...	6	cu, cr-hz	6	ovt	8	ovt, R	8
11	hy-cu, hz	5	fl-cu	4	fl-cu	3	cu, cr-hz	3	ovt	8	ny-ovt	7
12	cr, cr-hz, cu ...	3	cr, cr-st	2	cu, cu-st	5	cu, cu-st	3	cu, hz	2	cu, hz	2
13	cu, hz	2	cu, cu-st	3	fl-cu	2	ny-ovt	7	ny-ovt	7	.. ..	...
14	... ...	...	... ...	..	... ...	...	... ...	...	... ...	...	ovt	8
15	ovt, R	8	ovt, R	8	ovt, R	8	ovt	8	ovt	8	ovt	8
16	ovt, R	8	ovt	8	ovt	8	ovt	8	ovt, R	8	ovt, R	8
17	ovt	8	ovt	8	ovt	8	ovt, lt-R	8	cu, cr-st, hz ...	6	cu, cr-st, hz ...	6
18	cu, cr-cu, cr-hz ...	5	cu-st, cr-st, hz ...	6	fl-cu, cu-st, hz ...	6	ny-ovt	7	uy-ovt	7	ny-ovt	7
19	ovt	8	ovt	8	ny-ovt, hl- ...	7	uy-ovt	7	ovt	8	ovt	8
20	ovt, R	8	ovt, R	8	ovt, lt-R	8	ovt, R	8	ovt	8	... ...	...
21	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	ovt	8
22	cu, cr-hz	3	uy-clear	0	cu, cr-hz	3	cu, cr-hz	3	cu, cr-st, hz ...	5	cu, cr-st, hz ...	7
23	cu-st,cr-st,nim,dis-th.	6	cu, cr-hz	4	cu-hor	3	cu, cr-st, hz ...	5	cu, cr-hz	4	cu, cr-hz	4
24	cu, cu-st, cr-cu, hz...	6	ny-ovt	7	cu, hz ...	6	cu, cr-hz, nim ...	4	cu, cr-hz	4	cu, cu-st, hz ...	6
25	ny-ovt	7	ny-ovt	7	cu, cu-st, hz ...	6	ovt, R	8	ovt	8	ovt	8
26	cu, cr-cu, cr-hz ...	5	cu, hz	2	cu, cr-hz	5	cu, cr-hz, nim ...	6	ovt, R	8	ovt, R	8
27	ovt, R	8	ovt	8	ovt	8	ovt	8	ovt	8	... ...	...
28	... ...	...	... ...	...	... ...	...	... ...	..	.. ..	..	cu, hz, D	4
29	ovt	8	ny-ovt	7	ny-ovt	7	ovt	8	ovt	8	ovt	8
30	cu, cr-cu, cr-st, hz...	3	ovt	8	ny-ovt	7	uy-ovt	7	ovt	8	ovt	8

REMARKS ON THE WEATHER FOR THE MONTH OF DECEMBER 1858

1	uy-ovt	7	ovt	8	cu, cu-st	6	cu, cr-st, cr-hz ...	3	cu, cr-cu, cr-hz ...	3	cu, cr-cu, cr-hz ...	3
2	cu, cr-cu, hz ...	4	cu, cu-st	4	ny-clear	0	cu-hor	1	cu-hor	2	cu-hor	1
3	cu, cu-st	3	ny-clear	0	ny-clear	0	ny-clear	0	ny-clear	0	ny-clear, D... ...	0
4	cu-hor	2	uy-clear	0	clear	0	ny-clear, D... ...	0	ny-clear	0	... ...	...
5	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	clear, D	0
6	cu-hz	3	fl-cu, cr-st, hz ...	3	cu, cr-st	2	cu, cr-st, D... ...	1	ny-clear, D... ...	0	ny-clear, D	0
7	cu, cr-cu, hz ...	6	cu, cr-st, hz ...	4	ny-ovt	7	cu, cu-st, cr-hz ...	6	cu, cu-st, cr-hz ...	4	cu, cr-hz, D ...	3
8	ovt	8	fl-cu, cr-st, hz ...	6	ny-ovt	7	ny-ovt	7	cu, cu-st, cr-cu, hz...	6	cu, cu-st, cr-cu, hz...	6
9	ou, cr, cr-hz ...	6	cu, cr-st, d-hz ...	5	cu, cr-st, d-hz ...	4	cu, cr-st, d-hz ...	6	cu, cu-st, cr-hz ...	5	cu, cu-st, cr-hz ...	3
10	cu, cr-hz	3	cu	1	cu	1	cu	2	cu, cr-hz	2	cu, cr-hz, D ...	3
11	cu, cu-st, cr-hz ...	3	fl-cu, cr-st, hz ...	3	fl-cu, cr-st, hz ...	4	fl-cu, cr-st, hz ...	4	fl-cu, cr-st, hz ...	3	... ...	...
12	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cu, cr-hz, nim ...	4
13	ny-clear	0	clear	0	cu, hz	1	cu, cr-cu, cr-hz ...	5	cu, cr-cu, hz ...	3	cu, cr-cu, hz, D ...	3
14	fl-cu, hz	4	fl-cu...	4	fl-cu...	5	fl-cu...	4	fl-cu, cr-hz	3	ovt	8
15	ovt	8	ovt	8	ovt	8	ovt	8	cu, cr-hz	6	cu, cr-hz	5
16	fl-cu	2	cu	1	sc-cu	3	ny-clear	0	cu, cu-st, cr-hz, D ...	3	cu, cu-st, cr-hz, nim.	6
17	cu, cr-hz	3	ny-clear	0	ny-clear	0	cu-hz	2	cu, cr-cu, D ...	1	ny-clear, D... ...	0
18	cr, cr-hz	1	cu-hor	1	clear, fg	0	clear, fg	0	cu, fg	2	... ...	...
19	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cu, hz, D	4
20	ny-clear	0	clear	0	cu, cu-st	2	cu, cr-st, cr-hz ...	2	cu, cu-st, cr-hz, D...	4	cu, cr-hz, D... ...	6
21	cr, cr-hz, cu ...	4	cr, cr-hz, cu ...	4	cr, cr-hz, cu ...	4	cr-st, cr-hz	4	cu, cr-cu, cr-hz, D...	4	cu, cr-cu, cr-hz, D...	3
22	cu, cu-st, cr-hz ...	6	fl-cu	1	fl-cu...	4	fl-cu...	3	cu, cu-st, cr-hz ...	4	cu, cu-st, cr-hz, D...	4
23	cu, cr-hz	2	cu, hz	2	ny-clear	0	sc-cu	3	sc-cu, cu-st, cr ...	4	cu, cu-st, cr-hz, D...	4
24	fl-cu, cr-st, d-hz ...	6	ny-ovt	7	cu, hz	2	cu, cu-st, cr-hz ...	4	cu, cr-st, cr-hz ...	3	cr-hz, cr-st, D ...	3
25	fl-cu	2	fl-cu	1	cu, hz	2	cu, cu-st, hz ...	3	cu, cu-st	4	... ...	...
26	... ...	...	.. ..	...	... ...	...	... ...	..	... ...	...	cu, hz	4
27	cr-st, d-hz	6	cr-st, d-hz ...	6	cu, cr-st, d-hz ...	6	cu, cr-st, d-hz ...	6	cu, cu-st, d-hz ...	7	cu, cu-st, d-hz, D ...	6
28	cu, cr-st	3	cu, cr-st	5	cu, cr-st	3	cu, cu-st, d-hz ...	4	cu, cr-hz, D ...	2	cu, cr,hz, D ...	2
29	cu, cu-st, cr-st ...	5	cu, cu-st, cr-st ...	5	cu, cr-hz	3	cu, cr-hz	4	cu, hz	2	cr-st, cr-hz, D ...	3
30	cu, cu-st, cr-hz ...	5	cu, cu-st, cr-hz ...	4	cu, cr, cr-hz ...	3	cu, cr, cr-hz ...	3	cu, cr-st, hz, D ...	3	cu, cr-st, hz, D ...	3
31	cu-st, cr-st	2	cu	1	fl-cu...	3	cu, hz	2	ny-clear, D... ...	0	cu, cr-hz, D ...	2

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE

ard....around
cld....clouds or cloudy
cr or ci.cirri or cirro or cirrous
cu ....cumuli or cumulo
D.....dew .
d.....dense
dis....distant
dt.....detached
E.....east
fg.....fog
fk.....forked
fl .....flying
fr.....frequent
g .....ground
hy.....heavy
hl.....halo
hor....horizon
hz.....haze or hazy
ld.....loud
lg.....lightning
lt.....light
mt.....meteor
N .....north
nim ...nimbi
ny.....nearly
ov.....overhead
ovt....overcast
ps.....peals
pt.....part or partly or partial
R .....rain
r-b ...rain-bow
S.....south
so .....scattered
sh.....sheet
st .....stratus
th.....thunder
thi ...thick
v .....very
viv ....vivid
W .....west

REMARKS ON THE WEATHER FOR THE MONTH OF NOVEMBER 1858

Date	12	Cloudy sky in 8ths	14	Cloudy sky in 8ths	16	Cloudy sky in 8ths	18	Cloudy sky in 8ths	20	Cloudy sky in 8ths	22	Cloudy sky in 8ths	Thermometers: Radiation Sol.	Thermometers: Radiation Ter.	Thermometers: Air Max.	Thermometers: Air Min.
1	cu, cr-hz ...	2	cu, cu-st, cr-hz .	4	sc-cu, cr-hz ...	3	cu, cu-st, nim ...	5	cu, cu-st nim, ...	6	cu-st,cr-cu,cr-st, hz	4	129·5	—	86·7	74·8
2	clear ...	0	cu, cu-st, nim .	3	cu, cu-st, hz ...	5	cu, cr-hz ...	6	cu, cr-st, cr-hz ...	5	fl-cu-st, cr-hz, nim	5	124·5	—	83·9	74·9
3	cu, D	1	cu, cr-hz ...	3	cu, cr-st, cr-hz ...	3	sc-cu, cr-hz ...	4	cu, cu-st, cr-hz ...	5	cu, cr, cr-hz, nim .	6	130·0	—	83·9	72·4
4	cu, cr-hz, nim .	6	cu,cr-st,cr-hz,nim.	6	ovt	8	ovt, lt-R	8	ovt	8	ovt	8	ovt.	—	82·0	75·9
5	cu, cu-st, nim .	4	cu, cu-st, nim .	5	cu, cu-st, cr-hz ...	4	cu, cu-st, cr-hz ...	5	fl-cu, cu-st, cr-hz .	5	sc-cu, hz	4	131·5	—	85·9	75·7
6	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	128·3	—	86·4	74·8
7	cu, cu-st, nim .	4	cu, cr-hz ...	3	cu, cu-st, cr-hz ...	4	cu, cu-st, cr-hz ...	4	cu, cu-st, cr-hz ...	4	sc-cu, hz	3	128·0	—	84·8	74·3
8	cu, hz	2	cu, cu-st, cr-hz.	4	cu, cu-st, cr-hz ...	4	cu, cu-st, cr-hz ...	5	cu, cu-st, cr-hz ...	4	sc-cu, hz	3	127·5	—	83·3	73·8
9	cu, hz, D ...	2	cu, cr-hz ...	3	cu, cr-hz	3	cu, cr-hz... ...	3	cu, cu-st, cr-hz ...	3	cu, cr-hz	2	125·3	—	82·7	70·7
10	ovt, R	8	ovt, lt-R ...	8	cu, cu-st, cr-hz ...	6	cu, cu-st, cr-hz ...	6	cu, cu-st, cr-hz ...	6	ny-ovt, lt-R ...	7	141·7	—	83·0	74·3
11	ovt	8	ovt	8	cu, cu-st, cr-cu, cr-hz.	7	cu, cu-st, cr-cu, cr-hz	7	cu,cu-st,cr-cu,cr-hz	7	cu, cr-hz	6	124·0	—	82·7	75·0
12	cu, hz	2	cu,hz	1	cu, cr-st, hz ...	2	cu, cr-st, hz ...	3	sc-cu, cr-hz ..	3	sc-cu, cr-hz ...	4	130·0	—	81·8	70·8
13	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	ovt.	—	80·4	75·5
14	ovt, lt-R ...	8	ovt	8	ovt, R	8	ovt, lt-R	8	ovt	8	ovt, R	8	ovt.	—	78·6	74·8
15	ovt	8	ovt, R	8	ovt	8	ovt, lt-R	8	ovt, lt-R	8	ovt, hy-R ...	8	ovt.	—	78·1	71·8
16	ovt, R	8	ovt	8	ovt	8	ovt	8	ovt	8	ovt	8	ovt.	—	81·4	71·1
17	cu, cu-st, cr-hz .	6	cu, cu-st, nim .	7	ovt	8	cu, cu-st,cr-hz, nim	6	cu, cu-st, cr-hz,nim	5	cu, cr, d-cr-hz ...	7	123·2	—	82·0	74·2
18	cu, hz	6	cu,hz, nim, R ...	6	cu, cu-st, cr-hz, nim.	7	cu, cu-st, cr-hz, nim	8	cu, cu-st, cr-hz,nim	7	ovt	8	ovt.	—	82·1	76·3
19	ovt, R	8	ovt, lt-R ...	8	ovt, lt-R	8	ovt, lt-R	8	ovt, lt-R	8	ovt, lt-R	8	ovt.	—	79·8	74·1
20	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	ovt.	—	78·0	71·4
21	ovt	8	ovt	8	ovt	8	ovt	8	ovt	8	cu, cr-hz	5	109·5	—	82·1	74·9
22	cu, hz	4	cu, cu-st, cr-hz,r-h	5	cu, cu-st, or-hz ..	6	cu, cu-st,cr-hz, nim	7	cu, cu-st, cr-hz ...	7	hy-cu, cu-st, cr-hz	6	121·1	—	82·6	75·0
23	cu, cr-st, cr-hz .	5	ny-ovt, R ...	7	cu, cu-st, cr-cu,hz.	4	cu, cu-st, cr-cu, hz	4	cu, cu-st, cr-cu, hz	5	cu,cu-st,cr-cu,hz,nim	6	132·5	—	83·7	74·8
24	cu, cu-st, hz ...	6	ovt	8	cu,cu-st,cr-cu, cr-hz	7	cu, cu-st, cr-cu, cr-hz	7	cu,cu-st, cr-cu,cr-hz	7	cu,cu-st,cr-cu,cr-hz	7	128·8	—	85·6	76·4
25	ovt	8	cu, cr-cu, hz ...	5	cu, cu-st, cr-hz, lt-R.	7	cu, cu-st, cr-hz ...	5	cu, cu-st, cr-hz ...	5	cu, cr-cu, cr-hz ...	6	134·5	—	83·6	76·1
26	ovt, R	8	ovt, R	8	ovt, R	8	ovt	8	cu, cu-st, hz ...	4	ovt, R	8	ovt.	—	81·3	73·0
27	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	120·5	—	79·2	74·4
28	cu, hz, D ...	2	cu, cu-st, cr-hz .	4	cu, cr-st-hor ...	2	cu, cu-st-hor ...	2	cu, cu-st, cr-hz ...	6	cu,cu-st,cr-hz,d-hz	7	128·2	—	79·3	69·4
29	ovt, R	8	ovt	8	cu, cu-st, cr-hz ...	6	cu, cu-st, cr-hz- nim,	6	cu, cu-st, cr-hz ...	4	cu, cr-st, hz ...	3	131·7	—	80·5	72·1
30	cu, cr-hz ...	4	cu, cr-cu, hz ...	6	ny-ovt	7	cu, cu-st ... [lt-R	5	cu, cu-st	6	hy-cu, cr-st, d-hz .	7	123·5	—	81·3	72·3

REMARKS ON THE WEATHER FOR THE MONTH OF DECEMBER 1858

1	cu,cr-cu, cr-hz...	3	cu, cr-cu, cr-hz..	3	cr-st, cr-hz ...	2	fl-cu, cu-st ...	6	fl-cu, cu-st ...	5	fl-cu, cu-st ...	6	124·5	—	81·5	72·2
2	ny-clear ...	0	cu, hz ...	2	cu...	1	fl-cu, cu-st ...	5	cu, cu-st	3	cu, cu-st	3	135·5	—	81·1	71·8
3	clear	0	cu, cu-st ...	2	cu, cu-st	3	cu, cu-st, hz ...	5	fl-cu, cu-st ...	5	fl-cu, cu-st ...	6	125·5	—	80·2	69·4
4	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	131·5	—	79·7	68·3
5	clear, D ...	0	cu, hz ...	1	cu, cu-st	2	cu, hz	2	cu-N-hor... ..	1	cu, hz	2	129·7	—	78·7	66·0
6	cu, D ..	1	ou, cr-cu, cr-hz..	4	clear	0	cu, cr-cu, cr-hz ...	6	cu, cu-st, hz ...	5	cu, cu-st, hz ...	4	124·5	—	78·5	66·7
7	cu, cr-hz, D ...	3	cu, cu-st, hz ...	6	cu, hz	2	cu, cu-st, hz ...	5	cu, cu-st, hz ..	6	fl-cu, cr-hz, nim...	7	121·5	—	78·5	69·9
8	ovt ...	8	ovt	8	ovt	8	ny-ovt	7	ovt	8	cu, cr, cr-hz ...	6	115·0	—	80·8	74·2
9	cu, hz ...	3	cu, cu-st, cr-hz..	4	cu, hz	3	cu, cu-st	4	cu, cu-st	3	cu, cr-hz	4	119·5	—	79·7	71·8
10	cu, cr-hz, D ...	4	cu, cr-hz, D ...	3	cu, cu-st,... ...	2	cu, cr-hz	3	cu, cu-st	3	cu, cu-st, cr-hz ...	6	125·0	—	79·9	67·7
11	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	108·0	—	79·1	68·5
12	cu, cr-hz, ...	3	cu, cr-hz, ...	2	ny-clear	0	cu, cr-cu, hz ...	4	cu, cu-st, cr-hz ...	4	fl-cu, cr-st, hz ...	4	124·0	—	77·8	68·8
13	cu,hz, D ...	2	ny-clear ...	0	clear	0	cu...	2	fl-cu, hz ..	5	fl-cu, hz	6	125·0	—	78·4	68·0
14	ovt	8	ovt	8	ovt	8	ovt	8	ovt	8	ny-ovt	7	117·0	—	78·6	70·4
15	cu, cr-hz, D ...	3	cu, cu-st, cr-hz..	3	cu, cu-st	2	fl-cu, cu-st ...	6	fl-cu, cu-st ...	6	fl-cu	2	116·3	—	79·3	70·0
16	cu,cu-st,cr-hz, nim	7	cu, cu-st, cr-cu..	4	ny-clear	0	clear	0	cu, cu-st	2	cu, cu-st	4	126·5	—	78·7	70·5
17	ny-clear, D ...	0	cu, cr-cu ...	2	ny-clear	0	cu, cu-st	5	fl-cu, cu-st ...	4	cu, cr-hz	3	128·0	—	80·8	68·4
18	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	133·5	—	80·3	69·0
19	cu, hz, D ...	4	cu, hz, fg ...	3	cr, cr-hz	2	fl-cu	4	cu, cu-st ..	4	sc-cu, cu-st ...	3	132·0	—	80·0	69·3
20	cu, hz, D ...	2	cu, cu-st, cr-hz..	4	cu, cr-hz, cr-st ...	3	cu, cu-st, hz ...	5	cu, cr-hz	4	cu, cu-st, cr-hz ...	4	133·0	—	80·1	69·9
21	cr-cu, cr-hz, D..	4	cu,cu-st,cr-hz, nim	6	cu, cr-cu, nim ...	6	cu, cu-st	4	cu, cu-st	4	cu, cu-st	5	120·5	—	80·2	68·9
22	cu, D ...	2	cu, hy-cu ...	6	cu, cu-st, cr-hz ...	4	cu, cu-st, cr-hz ...	5	cu, cu-st, hz ...	6	cu, cu-st, hz ..	4	121·2	—	80·9	68·0
23	cu, hz, D ...	3	cu, cr-cu, cr-hz.	4	cu, cr-st, cr-hz ...	5	cu, cr-st, cr-hz ...	6	cu, cr-hz ...	5	fl-cu, cr-st, hz ...	6	120·4	—	79·3	66·9
24	cu, cr-hz ...	4	cu, cu-st, cr-hz..	4	cu, cu-st	4	cu, cu-st	3	ny-clear	0	clear	0	113·2	—	79·3	67·4
25	... ...	...	... ...	...	... ...	...	... ...	...	.. ..	...	... ...	...	118·5	—	79·8	71·3
26	cu, D ...	3	cu, cr-cu, cr-hz..	3	cu, cr-cu, cr-hz ...	4	cu, cu-st, cr-hz ...	4	cu, cu-st, cr-hz ..	4	cu, cr-st, hz ...	3	119·5	—	79·7	68·2
27	cu, cu-st, d-hz, D .	5	cu, cu-st, cr-hz..	4	cu, cr-st, cr-hz ...	3	cu, cr-st, cr-hz ...	4	cu, cr-st, hz ...	4	cu, cr-st, hz ...	4	128·7	—	81·0	68·8
28	cu, cr, hz, D ...	2	cu, cr-hz ...	3	cu, cr, cr-hz, cr-st.	5	cu, cu-st, cr-st ...	4	cu, cu-st, cr-st ...	4	cu, cu-st, cr-st ...	4	123·0	—	79·8	67·7
29	cr-st, cr-hz, D.	4	cu, cr-st, cr-hz..	6	cu, cr-st, cr-hz ...	5	cu, cr-st, cr-hz ...	4	cu, cu-st, cr-hz ...	5	cu, cu-st, cr-hz ...	4	120·8	—	80·4	69·0
30	cu,cu-st,cr-hz, nim	5	cu, cu-st, cr-hz..	3	cu, hz	3	cu, cr-cu, cr-hz ...	4	cu, cr-cu, cr-hz ...	3	fl-cu, cr-st, hz ...	3	125·2	—	80·4	67·8
31	cu, cr-hz, D ...	3	cu, cr-cu ...	4	cu, cr-hz	5	cu, cr-hz	4	se-cu, hz	3	sc-cu, hz	3	126·7	—	80·6	68·3

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE

ard....around
cld....clouds or cloudy
cr or ci. cirri or cirro or cirrous
cu.....cumuli or cumulo
D.....dew
d.....dense
dis...distant
dt....detached
E.....east
fg.....fog
fk.....forked
fl.....flying
fr.....frequent
g.....ground
hy...heavy
hl ...halo
hor...horizon
hz....haze or hazy
ld.....loud
lg....lightning
lt....light
mt....meteor
N.....north
nim..nimbi
ny....nearly
ov.....overhead
ovt.....overcast
ps...peals
pt....part or partly or partial
R....rain
r-h...rain-bow
S.....south
sc.....scattered
sh....sheet
st.....stratus
th....thunder
thi...thick
v.....very
viv...vivid
W....west

REMARKS ON THE WEATHER FOR THE MONTH OF NOVEMBER 1856.

Day of the Month	12	13	14	15	16	17	Thermometer: Dew Point	Thermometer: Air: Temperature	Thermometer: Air: Max.	Thermometer: Air: Min.
1										
2										
3										
4										
5										
6										
7										
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22										
23										
24										
25										
26										
27										
28										
29										
30										

REMARKS ON THE WEATHER FOR THE MONTH OF DECEMBER 1856.

Day of the Month	12	13	14	15	16	17	Thermometer: Dew Point	Thermometer: Air: Temperature	Thermometer: Air: Max.	Thermometer: Air: Min.
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
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31										

MADRAS, 1859

METEOROLOGICAL OBSERVATIONS

BAROMETRIC PRESSURE—(Corrected)

Barometer at 32° = 29 English Inches + the number in the Table

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In. +*0016	In.	In. −*0054	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·947	0·960	0·980	1·007	1·025	1·036	1·023	1·015	1·003	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	0·982	0·957	0·951	0·956	0·969	0·980	1·012	1·025	1·025	1·021	1·002	0·957	0·931	0·929	0·935	0·984
3	·941	·949	·974	0·993	·013	·027	·025	·012	·000	·977	·950	·955	·971	·989	·999	·018	·047	·048	·036	·004	·964	·941	·920	·926	·987
4	·932	·942	·957	·977	0·983	0·982	0·979	0·963	0·946	·935	·921	·914	·917	·942	·962	0·994	·005	·012	·003	0·965	·935	·902	·896	·894	·952
5	·908	·926	·944	·961	·987	·993	·989	·979	·968	·955	·939	·937	·946	·958	·971	·993	·016	·026	·025	1·005	·972	·936	·905	·913	·965
6	·919	·936	·957	·965	·982	·986	·979	·967	·962	·955	·944	·943	·952	·973	·982	1·008	·032	·025	·017	·002	·983	·961	·945	·943	·972
7	·954	·968	·985	1·011	1·040	1·047	1·042	1·025	1·010	·994	·974	·967	·971	·985	1·006	·035	·060	·054	·057	·034	1·010	·978	·960	·959	1·005
8	·983	·994	1·008	·045	·059	·066	·060	·054	·046	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	1·027	1·005	1·003	1·012	1·025	·053	·077	·103	·099	·075	·055	·014	·989	·968	·963	·033
10	·973	·983	·013	·044	·060	·062	·052	·043	·027	·013	0·995	0·999	·013	·027	·044	·070	·094	·101	·094	·067	·040	1·009	·985	·987	·033
11	·993	1·005	·028	·066	·083	·076	·073	·059	·039	·029	1·015	1·008	·012	·021	·042	·063	·085	·083	·075	·046	·007	0·978	·969	·967	·034
12	·981	0·999	·012	·051	·064	·066	·047	·043	·005	0·999	0·990	0·988	0·996	·014	·020	·055	·081	·080	·068	·035	·009	·984	·960	·957	·021
13	·972	·978	0·993	·015	·028	·029	·020	·004	0·990	·984	·974	·979	·994	·013	·025	·053	·067	·076	·066	·046	·012	·981	·958	·960	·009
14	·970	·980	1·014	·037	·050	·055	·055	·052	1·046	1·027	1·005	·993	·992	·005	·035	·070	·085	·081	·066	·056	·013	·991	·987	·984	·027
15	1·007	1·014	·032	·060	·069	·079	·070	·063	·048	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	·024	0·996	·995	1·004	·034	·054	·091	·114	·117	·105	·083	·053	1·021	·989	·981	·046
17	0·990	·004	·020	·046	·065	·074	·070	·067	·038	·023	1·005	·998	·002	·010	·031	·045	·066	·076	·060	·034	·003	0·970	·948	·947	·025
18	·953	0·970	0·982	0·998	·015	·026	·019	·004	0·985	0·974	0·959	·948	0·948	0·963	0·982	·007	·025	·032	·023	·000	0·968	·946	·932	·929	0·983
19	·937	·951	·964	·982	0·991	0·998	0·993	0·992	·971	·961	·948	·942	·947	·957	·965	·001	·022	·029	·020	·006	·981	·959	·949	·955	·976
20	·966	·982	·997	1·008	1·015	1·029	1·023	1·027	1·002	·995	·985	·989	1·004	1·022	1·035	·056	·068	·070	·061	·045	1·015	·991	·977	·981	1·014
21	·980	·993	1·007	·030	·044	·052	·039	·030	·010	·996	·978	·978	0·988	·002	·019	·054	·069	·064	·055	·034	·004	·966	·948	·944	·012
22	·955	·962	0·968	0·992	·011	·019	·016	·009	0·997	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	·973	·946	·945	·954	0·969	0·963	·008	·025	·026	·019	·010	0·986	·955	·941	·939	0·984
24	·957	·968	·986	1·002	·010	·020	·017	·007	·982	·973	·961	·966	·981	1·002	1·036	·058	·077	·073	·061	·027	·999	·957	·939	·933	1·000
25	·938	·945	·959	0·981	0·995	·003	0·995	0·980	·951	·945	·936	·928	·931	0·961	0·976	0·989	·016	·020	·000	0·970	·944	·906	·886	·884	0·960
26	·890	·905	·919	·948	·996	·006	1·000	·990	·975	·953	·928	·926	·934	·947	·972	·997	·023	·025	·018	·999	·969	·935	·919	·920	·962
27	·937	·943	·969	·995	1·016	·038	·033	1·026	1·016	1·002	·985	·976	·977	·993	1·011	1·032	·063	·076	·076	1·064	1·044	1·006	·979	·981	1·010
28	·993	·997	1·015	1·043	·054	·074	·068	·057	·036	·019	·999	·996	1·004	1·012	·032	·062	·083	·078	·066	·041	·007	0·974	·950	·948	·025
29	·962	·969	0·985	·007	·022	·037	·030	·026	·005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	0·979	·949	·943	0·947	0·981	0·984	0·994	·015	·029	·021	·009	0·973	·945	·920	·927	0·986
31	·924	·930	·953	0·979	0·995	0·999	0·994	0·987	0·978	·972	·967	·969	·981	·992	1·015	1·033	·062	·064	·054	·031	1·007	·967	·954	·945	·990
Means	0·956	·967	·985	1·009	·026	·034	·027	·018	·001	0·987	·970	·967	·974	·991	1·008	·034	·055	·057	·048	·026	0·995	·965	·947	·946	1·000
										In. −*0005		In. −*0062													
1	0·946	0·954	0·978	1·011	1·031	1·049	1·048	1·037	1·025	1·011	0·998	0·988	0·990	1·013	1·021	1·052	1·078	1·095	1·089	1·066	1·038	1·001	0·978	0·968	1·019
2	·973	·978	·984	·017	·043	·058	·063	·058	·052	·032	1·012	1·001	1·002	·023	·027	·061	·072	·074	·059	·046	·018	0·991	·972	·964	·024
3	·973	·981	1·001	·021	·046	·059	·057	·045	·020	·007	0·994	0·989	0·996	·015	·025	·054	·068	·076	·065	·043	·021	·994	·963	·952	·019
4	·969	·973	0·995	·016	·037	·045	·038	·029	·014	·001	·989	·994	1·012	·020	·033	·070	·092	·101	·095	·074	·052	1·020	·988	·970	·026
5	·987	·994	1·011	·028	·053	·057	·062	·051	·018	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	·015	1·013	1·010	·019	·033	·062	·094	·118	·132	·125	·100	·061	·035	1·001	1·002	·045
7	1·007	1·016	·034	·055	·068	·086	·074	·060	·042	·036	·030	·022	·027	·050	·060	·073	·101	·103	·094	·059	·029	0·997	0·973	0·963	·044
8	0·966	0·978	0·991	·008	·031	·043	·035	·028	·009	0·995	0·982	0·983	0·996	·015	·023	·044	·068	·067	·057	·025	0·997	·968	·946	·938	·008
9	·941	·952	·962	0·985	0·999	·011	·011	·002	0·991	·973	·956	·954	·965	0·975	0·997	·011	·027	·042	·033	·010	·985	·948	·931	·913	0·982
10	·915	·920	·935	·964	·991	·003	·013	0·994	·954	·944	·935	·928	·934	·954	·991	·013	·046	·057	·042	·010	·988	·957	·944	·936	·974
11	·939	·952	·973	·996	1·023	·036	·031	1·024	1·015	1·007	·999	·986	·986	1·006	1·022	·048	·073	·080	·078	·058	1·039	1·001	·975	·971	1·013
12	·976	·983	·998	1·028	·062	·066	·063	·052	·041	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	·009	·978	·967	·968	0·995	·008	·037	·058	·065	·059	·034	·001	0·977	·938	·931	·012
14	·937	·944	·963	0·986	·008	·024	·028	·019	·005	0·997	·989	·966	·956	·971	·001	·030	·046	·059	·044	·018	0·995	·967	·942	·925	0·993
15	·940	·951	·977	1·001	·030	·047	·044	·037	·030	1·024	1·019	1·012	1·018	1·037	·063	·076	·102	·108	·098	·072	1·042	1·014	·988	·983	1·030
16	·985	·997	1·008	·041	·067	·080	·070	·062	·051	·030	·010	0·994	0·990	·004	·013	·050	·063	·069	·057	·028	0·996	0·964	·937	·926	·021
17	·923	·931	0·944	0·968	0·990	·005	·002	0·993	0·981	0·965	0·949	·946	·956	0·970	0·974	·008	·023	·042	·031	·018	·989	·968	·948	·942	0·978
18	·946	·952	·960	·997	1·014	·027	·024	1·018	1·008	1·000	·992	·983	·987	1·004	1·017	·039	·064	·073	·066	·044	1·007	·985	·969	·966	1·006
19	·962	·972	·977	·997	·007	·032	·042	·030	·023	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	·009	·995	·987	·991	·016	·024	·042	·062	·063	·045	·022	0·984	·956	·931	·922	·004
21	·927	·931	·943	·957	·976	0·989	0·993	0·984	0·975	0·961	·948	·937	·939	0·946	0·970	0·989	·004	·008	0·995	0·969	·936	·896	·876	·862	0·955
22	·871	·881	·905	·932	·962	·973	·971	·970	·961	·946	·931	·925	·931	·955	·966	·973	0·996	·009	·998	·975	·951	·929	·914	·899	·947
23	·907	·919	·927	·944	·959	·978	·985	·973	·959	·950	·942	·930	·930	·951	·979	·999	1·017	·023	1·017	·995	·968	·940	·920	·921	·960
24	·924	·936	·952	·978	·998	1·014	1·013	1·003	·974	·963	·952	·943	·947	·962	·987	·993	·015	·024	·018	1·011	·970	·938	·921	·915	·973
25	·925	·930	·944	·962	·983	0·997	0·989	0·985	·971	·962	·953	·950	·959	·979	·992	1·008	·022	·030	·011	0·972	·954	·923	·890	·883	·966
26	·883	·892	·905	·941	·958	·972	·960	·957	·950	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	·932	·914	·907	·913	·947	·961	0·983	·007	·028	·018	·983	·945	·915	·892	·888	·944
28	·892	·903	·929	·956	·973	·983	·976	·964	·947	·931	·916	·910	·917	·926	·938	·949	0·974	0·969	0·954	·925	·896	·867	·835	·831	·928
Means	0·942	·951	·967	·991	1·013	·026	·025	·016	·001	0·988	·975	·967	·972	·990	1·006	·029	·050	·058	·048	·023	0·994	·965	·941	·932	0·995

JANUARY 1859

FEBRUARY 1859

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means, and the numbers at the head of them are corrections of interpolations.

BAROMETRIC PRESSURE—(Corrected)

Barometer at 32° = 29 English Inches + the number in the Table.

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
										—*0028		—*0061													
1	0·837	0·844	0·866	0·900	0·908	0·922	0·915	0·904	0·894	0·879	0·870	0·873	0·889	0·906	0·915	0·941	0·956	0·960	0·943	0·938	0·868	0·836	0·802	0·789	0·890
2	·783	·790	·805	·823	·842	·850	·853	·847	·835	·825	·821	·822	·836	·848	·857	·889	·910	·919	·899	·881	·848	·817	·783	·779	·840
3	·783	·792	·803	·819	·841	·845	·838	·829	·818	·808	·804	·795	·799	·826	·854	·884	·887	·895	·878	·853	·829	·788	·769	·759	·825
4	·773	·787	·802	·816	·833	·840	·835	·828	·815	·806	·803	·800	·810	·833	·841	·865	·883	·892	·871	·830	·798	·767	·738	·736	·817
5	·751	·756	·772	·793	·819	·840	·845	·839	·828	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	·838	·854	·853	·864	·885	·906	·929	·946	·947	·937	·903	·870	·833	·810	·809	·851
7	·822	·830	·859	·874	·894	·902	·909	·896	·877	·865	·859	·856	·866	·886	·923	·943	·964	·977	·967	·928	·897	·863	·835	·829	·888
8	·836	·847	·878	·898	·904	·917	·922	·902	·875	·867	·865	·867	·882	·903	·916	·943	·954	·948	·928	·898	·878	·841	·822	·812	·888
9	·818	·830	·847	·872	·892	·907	·898	·887	·876	·863	·855	·852	·862	·879	·900	·910	·930	·936	·924	·894	·865	·847	·812	·802	·873
10	·810	·821	·839	·860	·876	·886	·883	·876	·860	·851	·847	·845	·855	·886	·900	·920	·939	·952	·944	·918	·885	·849	·833	·822	·873
11	·829	·846	·864	·896	·917	·934	·931	·919	·905	·889	·879	·879	·892	·911	·943	·963	·988	·999	·983	·962	·922	·897	·875	·867	·912
12	·872	·891	·903	·944	·953	·958	·952	·942	·917	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	·890	·868	·854	·852	·863	·869	·894	·914	·923	·911	·887	·852	·825	·790	·773	·887
14	·781	·789	·806	·837	·862	·875	·874	·869	·855	·842	·835	·832	·842	·852	·865	·900	·904	·913	·914	·896	·866	·842	·818	·818	·854
15	·820	·830	·852	·884	·896	·922	·922	·906	·890	·882	·879	·870	·873	·887	·908	·935	·960	·974	·967	·937	·904	·868	·846	·833	·894
16	·832	·843	·860	·895	·920	·942	·939	·920	·903	·876	·855	·846	·849	·866	·895	·931	·953	·964	·952	·922	·885	·851	·815	·806	·888
17	·811	·822	·838	·870	·893	·926	·920	·910	·892	·874	·862	·854	·858	·881	·898	·937	·961	·965	·960	·943	·915	·892	·866	·861	·892
18	·862	·887	·904	·930	·967	·975	·970	·962	·935	·923	·917	·924	·943	·969	·985	1·016	1·025	1·044	1·040	1·012	·991	·952	·934	·917	·958
19	·923	·930	·949	·977	·992	·998	1·005	·997	·988	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	·978	·973	·971	·981	·995	1·007	·036	·055	·054	·047	·022	1·010	·984	·953	·947	·991
21	·952	·959	·977	·998	1·028	1·045	·040	1·028	1·000	·981	·967	·959	·964	·989	·001	·009	·042	·046	·032	·003	0·976	·951	·935	·924	·992
22	·936	·944	·958	·984	0·994	·005	·003	0·994	0·977	·957	·942	·945	·960	·969	0·998	·018	·042	·043	·039	·018	·993	·964	·945	·934	·982
23	·947	·962	·975	·997	1·019	·034	·029	1·019	·997	·973	·955	·954	·965	·974	·994	·024	·041	·042	·031	·013	·978	·954	·930	·914	·988
24	·917	·946	·969	·994	·032	·041	·026	·000	·979	·961	·948	·942	·948	·957	·990	0·999	·018	·019	·011	0·990	·955	·935	·908	·882	·974
25	·891	·917	·931	·945	0·985	0·999	0·988	0·981	·973	·961	·954	·951	·960	·972	·983	·999	·023	·023	·011	·994	·964	·934	·908	·895	·965
26	·901	·920	·952	·975	·986	·993	·993	·989	·981	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	·979	·982	·974	·978	·993	·997	1·020	·036	·043	·029	1·003	·976	·936	·901	·889	·976
28	·889	·894	·913	·946	·969	·978	·991	·980	·963	·945	·932	·933	·946	·953	·983	·000	·028	·034	·022	0·990	·963	·919	·907	·897	·957
29	·904	·912	·928	·946	·960	·992	·990	·981	·968	·950	·938	·940	·954	·970	·990	·027	·032	·032	·029	1·000	·968	·935	·906	·889	·964
30	·894	·913	·928	·945	·970	·994	·986	·966	·937	·931	·931	·940	·961	·981	1·000	·033	·045	·050	·041	·014	·976	·935	·897	·895	·965
31	·903	·912	·930	·963	·983	·991	·996	·993	·985	·964	·948	·946	·956	·967	0·987	·004	·013	0·992	0·985	0·980	·946	·919	·903	·890	·961
Means	0·855	·867	·885	·910	·931	·945	·943	·932	·916	·902	·894	·892	·902	·919	·937	·962	·980	·985	·974	·949	·918	·886	·861	·851	0·916

MARCH 1859

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1	0·900	0·912	0·936	0·956	0·978	0·998	1·003	0·985	0·954	0·937	0·925	0·921	0·929	0·940	0·950	0·979	0·990	0·988	0·977	0·948	0·920	0·898	0·885	0·880	0·945
2	·883	·890	·910	·937	·942	·973	0·960	·947	·941	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	—	·899	·862	·852	·854	·878	·902	·934	·942	·948	·939	·925	·888	·862	·864	·852	·908
4	·849	·859	·886	·907	·925	·915	·891	·885	·873	·863	·858	·857	·867	·898	·915	·927	·954	·949	·936	·924	·886	·853	·833	·831	·889
5	·835	·837	·856	·888	·922	·931	·942	·937	·924	·908	·897	·884	·893	·906	·920	·944	·949	·939	·925	·908	·876	·852	·834	·824	·897
6	·820	·829	·849	·879	·907	·913	·923	·918	·898	·888	·884	·881	·890	·895	·901	·934	·949	·947	·937	·926	·882	·844	·828	·819	·889
7	·810	·816	·840	·873	·910	·931	·931	·915	·901	·893	·890	·881	·884	·901	·923	·948	·962	·940	·910	·891	·860	·836	·821	·819	·887
8	·810	·819	·833	·858	·986	·900	·895	·889	·863	·852	·847	·849	·862	·876	·913	·948	·959	·956	·944	·922	·890	·853	·837	·827	·879
9	·831	·838	·849	·876	·902	·924	·928	·923	·913	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	·900	·892	·890	·900	·922	·940	·978	·982	·970	·951	·901	·874	·852	·836	·820	·900
11	·816	·823	·842	·873	·888	·893	·891	·882	·871	·861	·857	·856	·866	·895	·926	·944	·950	·958	·946	·926	·884	·854	·820	·797	·880
12	·787	·788	·806	·825	·852	·857	·864	·847	·835	·829	·829	·831	·845	·853	·874	·906	·931	·922	·911	·892	·861	·834	·795	·774	·848
13	·787	·812	·838	·865	·912	·911	·904	·884	·860	·845	·836	·824	·823	·831	·858	·888	·902	·913	·907	·880	·860	·836	·808	·787	·857
14	·783	·797	·818	·842	·881	·900	·903	·901	·882	·869	·861	·854	·858	·872	·888	·916	·925	·924	·909	·901	·868	·840	·835	·829	·869
15	·826	·840	·851	·866	·891	·908	·914	·898	·880	·867	·860	·858	·868	·894	·924	·947	·951	·957	·948	·929	·895	·866	852	·831	·888
16	·829	·842	·851	·872	·889	·897	·901	·890	·882	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	—	—	·831	·785	·776	·779	·786	·797	·814	·834	·822	·815	·796	·764	·745	·725	·706	·818
18	·702	·722	·751	·769	·793	·818	·833	·820	·793	·780	·772	·773	·785	·790	·808	·833	·857	·839	·840	·825	·803	·756	·729	·719	·788
19	·725	·743	·774	·796	·826	·835	·833	·822	·812	·799	·791	·783	·787	·798	·820	·847	·881	·880	·872	·847	·824	·799	·778	·764	·810
20	·759	·770	·790	·824	·839	·843	·849	·838	·816	·796	·782	·780	·789	·800	·832	·852	·869	·864	·852	·851	·825	·798	·782	·768	·815
21	·756	·772	·795	·830	·849	·842	·838	·832	·822	·800	·784	·772	·771	·796	·819	·841	·846	·851	·838	·810	·786	·756	·725	·714	·802
22	·745	·770	·797	·805	·827	·842	·836	·828	·818	·791	·769	·761	·765	·780	·812	·833	·849	·866	·876	·837	·795	·764	·756	·740	·803
23	·752	·765	·783	·791	·816	·823	·828	·825	·815	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	—	·764	·718	·714	·721	·738	·758	·791	·795	·807	·796	·774	·769	·752	·727	·716	·772
25	·735	·741	·749	·757	·769	·798	·801	·795	·783	·766	·755	·745	·747	·758	·781	·803	·807	·811	·831	·813	·775	·757	·725	·724	·772
26	·735	·758	·785	·797	·804	·824	·823	·811	·796	·787	·784	·774	·776	·785	·799	·838	·855	·868	·870	·840	·824	·802	·792	·781	·804
27	·765	·791	·819	·839	·852	·865	·856	·847	·837	·816	·800	·807	·826	·839	·852	·870	·892	·900	·893	·867	·841	·809	·799	·792	·836
28	·793	·808	·839	·859	·866	·893	·894	·879	·853	·841	·834	·825	·828	·832	·846	·875	·886	·905	·889	·872	·853	·828	·804	·779	·849
29	·769	·788	·812	·831	·843	·867	·860	·845	·836	·827	·824	·820	·828	·856	·885	·898	·917	·922	·898	·888	·859	·823	·805	·793	·846
Means	0·792	·805	·826	·849	·871	·884	·884	·874	·858	·840	·828	·823	·830	·845	·866	·892	·905	·906	·896	·876	·846	·819	·800	·787	0·850

APRIL 1859

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means, and the numbers at the head of them are corrections of interpolations.

BAROMETRIC PRESSURE—(Corrected)
Barometer at 32° = 29 English Inches + the number in the Table

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
										—*0029		—*0063													
April 30	0·797	0·807	0·831	0·843	0·857	0·897	0·892	0·882	0·871	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MAY 1859 1	—	—	—	—	—	—	—	—	—	0·861	0·857	0·858	0·872	0·891	0·902	0·930	0·945	0·942	0·925	0·911	0·874	0·845	0·826	0·801	0·872
2	·793	·812	·831	·863	·882	·905	·902	·885	·868	·854	·845	·848	·863	·870	·890	·908	·922	·917	·897	·868	·833	·811	·786	·770	·859
3	·769	·780	·811	·834	·859	·887	·893	·880	·851	·840	·834	·830	·838	·844	·857	·872	·879	·877	·858	·845	·809	·780	·759	·735	·834
4	·741	·767	·780	·802	·816	·823	·812	·794	·783	·777	·777	·776	·787	·806	·831	·847	·891	·877	·862	·849	·808	·773	·753	·741	·803
5	·741	·767	·782	·802	·813	·829	·835	·824	·810	·798	·791	·789	·800	·818	·861	·880	·881	·863	·848	·831	·803	·771	·741	·737	·809
6	·741	·781	·790	·799	·829	·835	·836	·825	·798	·786	·779	·779	·792	·808	·821	·835	·829	·820	·811	·793	·771	·744	·722	·706	·793
7	·710	·738	·767	·777	·805	·821	·827	·822	·818	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	—	·804	·795	·795	·807	·829	·848	·865	·871	·858	·843	·821	·792	·763	·746	·730	·802
9	·737	·757	·780	·794	·826	·834	·836	·834	·827	·808	·795	·794	·806	·811	·838	·854	·862	·862	·840	·804	·773	·740	·716	·706	·801
10	·719	·760	·769	·783	·791	·797	·794	·779	·767	·753	·745	·743	·753	·765	·782	·795	·789	·791	·771	·747	·718	·700	·673	·656	·756
11	·669	·687	·710	·735	·749	·764	·761	·744	·729	·711	·698	·693	·701	·711	·741	·756	·758	·766	·738	·715	·685	·661	·632	·622	·714
12	·632	·668	·688	·720	·743	·749	·730	·729	·722	·706	·695	·697	·711	·737	·748	·756	·768	·768	·763	·741	·716	·690	·668	·654	·717
13	·663	·681	·706	·758	·763	·778	·792	·768	·752	·742	·738	·734	·742	·760	·784	·794	·809	·803	·790	·775	·751	·717	·688	·680	·749
14	·674	·703	·722	·739	·755	·780	·790	·787	·783	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	·766	·755	·747	·752	·766	·794	·811	·818	·799	·796	·791	·760	·739	·708	·700	·760
16	·702	·723	·735	·755	·773	·779	·776	·768	·758	·744	·733	·725	·730	·736	·755	·788	·795	·808	·791	·781	·758	·744	·717	·700	·753
17	·698	·713	·730	·743	·779	·804	·808	·808	·795	·784	·778	·777	·788	·793	·812	·830	·851	·854	·846	·832	·822	·791	·759	·745	·789
18	·740	·744	·770	·783	·801	·823	·839	·827	·817	·806	·800	·793	·799	·806	·820	·836	·841	·834	·828	·805	·769	·746	·722	·709	·794
19	·712	·706	·720	·737	·773	·776	·792	·783	·756	·749	·747	·746	·758	·766	·778	·801	·801	·788	·775	·760	·742	·712	·671	·666	·751
20	·667	·667	·673	·708	·727	·739	·750	·746	·742	·722	·708	·708	·721	·739	·763	·778	·781	·779	·765	·741	·709	·689	·672	·668	·723
21	·667	·682	·714	·733	·755	·770	·777	·783	·778	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	·745	·717	·728	·752	·759	·778	·789	·801	·792	·776	·772	·756	·733	·708	·695	·748
23	·700	·717	·733	·751	·776	·785	·787	·781	·767	·758	·755	·746	·750	·758	·765	·773	·789	·801	·784	·774	·753	·729	·699	·681	·755
24	·684	·690	·705	·735	·739	·753	·742	·732	·719	·709	·705	·696	·699	·734	·769	·791	·810	·802	·777	·760	·750	·730	·707	·702	·735
25	·720	·726	·735	·756	·758	·779	·782	·765	·746	·736	·731	·726	·733	·756	·773	·782	·787	·789	·797	·766	·746	·738	·693	·667	·749
26	·677	·683	·709	·734	·757	·777	·783	·773	·756	·744	·738	·745	·765	·780	·798	·817	·827	·826	·807	·792	·774	·741	·714	·694	·759
27	·702	·709	·741	·776	·797	·818	·822	·812	·806	·785	·770	·764	·771	·787	·806	·820	·828	·813	·803	·795	·764	·734	·700	·661	·774
28	·668	·686	·712	·730	·750	·766	·783	·777	·760	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	—	·713	·672	·661	·662	·676	·682	·704	·714	·714	·698	·676	·658	·639	·607	·593	·696
30	·618	·620	·632	·642	·667	·692	·698	·707	·697	·670	·649	·638	·639	·649	·661	·671	·688	·691	·683	·660	·643	·621	·607	·591	·656
31	·594	·598	·617	·633	·661	·669	·678	·668	·651	·636	·627	·623	·631	·639	·645	·657	·660	·648	·657	·649	·631	·611	·583	·567	·635
Means	0·701	·718	·737	·758	·778	·794	·797	·788	·775	·760	·749	·747	·756	·770	·789	·805	·815	·810	·797	·780	·754	·729	·703	·688	0·763
										—*0029		—*0048													
JUNE 1859 1	0·573	0·581	0·599	0·620	0·636	0·659	0·662	0·647	0·638	0·612	0·591	0·599	0·616	0·622	0·633	0·636	0·648	0·661	0·648	0·645	0·620	0·586	0·555	0·545	0·618
2	·565	·582	·611	·619	·658	·671	·681	·677	·676	·668	·665	·669	·683	·696	·720	·727	·750	·756	·749	·739	·718	·701	·682	·676	·681
3	·674	·688	·695	·721	·739	·753	·767	·754	·747	·723	·705	·702	·709	·727	·748	·754	·760	·752	·739	·722	·694	·665	·643	·634	·717
4	·644	·647	·673	·692	·711	·717	·727	·723	·712	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	·683	·660	·662	·674	·694	·725	·731	·750	·767	·757	·743	·725	·704	·677	·660	·702
6	·666	·677	·707	·726	·743	·758	·765	·759	·751	·737	·729	·727	·734	·742	·748	·752	·764	·756	·743	·733	·708	·689	·646	·641	·725
7	·637	·655	·679	·703	·723	·737	·748	·742	·733	·710	·692	·686	·689	·697	·710	·719	·732	·738	·740	·727	·700	·680	·657	·651	·704
8	·642	·640	·677	·709	·714	·728	·722	·705	·686	·666	·652	·646	·649	·670	·683	·724	·726	·731	·726	·714	·675	·655	·638	·620	·683
9	·633	·639	·647	·673	·700	·716	·702	·688	·671	·663	·660	·659	·668	·675	·686	·708	·725	·734	·716	·712	·700	·669	·641	·637	·680
10	·633	·643	·659	·690	·703	·719	·742	·736	·707	·688	·675	·668	·671	·687	·704	·717	·722	·724	·711	·688	·661	·643	·626	·618	·685
11	·609	·619	·650	·674	·696	·710	·716	·717	·708	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	·681	·659	·665	·681	·696	·717	·724	·729	·731	·716	·696	·665	·647	·634	·628	·682
13	·634	·646	·666	·702	·716	·727	·732	·724	·718	·700	·688	·682	·686	·711	·736	·756	·769	·757	·742	·733	·716	·692	·675	·665	·707
14	·660	·668	·675	·704	·721	·734	·743	·743	·719	·708	·702	·706	·719	·740	·768	·795	·808	·804	·799	·776	·755	·734	·714	·687	·733
15	·689	·705	·728	·765	·780	·784	·781	·777	·765	·750	·741	·741	·751	·756	·778	·810	·831	·829	·803	·784	·762	·742	·718	·710	·762
16	·702	·709	·729	·758	·801	·794	·792	·787	·768	·759	·756	·759	·771	·791	·817	·832	·837	·836	·837	·803	·768	·758	·731	·715	·775
17	·702	·713	·732	·758	·791	·788	·770	·755	·750	·750	·756	·766	·785	·792	·816	·834	·855	·840	·835	·820	·795	·763	·740	·720	·776
18	·731	·736	·754	·776	·804	·809	·815	·807	·783	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	·738	·699	·709	·729	·751	·766	·775	·782	·770	·754	·730	·704	·682	·669	·663	·747
20	·666	·713	·728	·740	·757	·766	·789	·775	·760	·745	·735	·739	·753	·768	·790	·807	·815	·811	·795	·785	·766	·745	·725	·724	·758
21	·705	·733	·746	·782	·818	·826	·822	·803	·780	·768	·761	·765	·779	·800	·828	·858	·867	·870	·860	·840	·815	·795	·768	·751	·799
22	·750	·759	·771	·793	·810	·819	·818	·816	·811	·799	·792	·785	·788	·793	·817	·828	·845	·839	·828	·816	·785	·766	·746	·732	·796
23	·729	·732	·746	·760	·790	·797	·794	·782	·778	·769	·765	·772	·789	·796	·820	·835	·840	·834	·814	·787	·767	·741	·716	·698	·777
24	·698	·703	·724	·744	·756	·774	·787	·775	·766	·759	·758	·756	·763	·774	·791	·816	·822	·832	·815	·794	·772	·756	·737	·722	·766
25	·722	·729	·739	·759	·778	·795	·802	·807	·800	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	·786	·777	·775	·782	·795	·821	·834	·849	·839	·819	·803	·767	·745	·720	·720	·782
27	·716	·723	·733	·758	·784	·804	·808	·800	·795	·774	·759	·758	·767	·784	·805	·824	·832	·828	·820	·798	·758	·741	·714	·702	·774
28	·698	·712	·725	·740	·753	·772	·783	·777	·758	·747	·742	·735	·737	·747	·777	·788	·789	·782	·774	·756	·740	·721	·702	·693	·748
29	·687	·697	·709	·725	·738	·759	·764	·761	·741	·733	·730	·718	·716	·731	·745	·760	·776	·776	·769	·758	·740	·719	·696	·684	·735
30	·681	·682	·688	·715	·735	·768	·782	·774	·771	·756	·746	·737	·738	·747	·766	·787	·797	·799	·782	·765	·757	·747	·716	·698	·747
Means	0·671	·682	·700	·723	·744	·757	·762	·754	·742	·726	·715	·715	·724	·738	·758	·774	·785	·784	·773	·756	·732	·711	·688	·677	0·733

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means, and the numbers at the head of them are corrections of interpolations.

BAROMETRIC PRESSURE—(Corrected)

Barometer at 32° = 29 English Inches + the number in the Table

JULY 1859

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41*	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
										−·0020		−·0035													
1	0·691	0·699	0·711	0·744	0·760	0·779	0·787	0·788	0·779	0·762	0·749	0·744	0·746	0·764	0·790	0·817	0·836	0·839	0·808	0·799	0·778	0·758	0·721	0·711	0·765
2	·714	·725	·733	·759	·787	·800	·806	·803	·791	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	—	·764	·740	·742	·750	·772	·786	·807	·817	·817	·801	·795	·778	·764	·751	·725	·772
4	·737	·747	·781	·795	·816	·829	·839	·835	·826	·819	·815	·807	·806	·820	·833	·846	·854	·857	·846	·829	·815	·785	·764	·750	·810
5	·748	·757	·777	·803	·818	·835	·844	·834	·818	·802	·790	·795	·806	·817	·821	·831	·837	·816	·780	·778	·768	·756	·718	·696	·794
6	·697	·698	·706	·723	·742	·759	·766	·757	·750	·743	·740	·736	·738	·748	·766	·788	·790	·789	·779	·757	·731	·711	·681	·669	·740
7	·666	·672	·686	·703	·724	·733	·744	·734	·731	·714	·701	·696	·698	·706	·722	·736	·744	·736	·724	·705	·681	·656	·642	·638	·704
8	·631	·643	·658	·680	·719	·727	·737	·733	·721	·706	·695	·688	·687	·700	·736	·751	·753	·744	·729	·717	·696	·673	·655	·638	·701
9	·634	·647	·716	·722	·726	·730	·738	·733	·724	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	·700	·680	·675	·676	·687	·698	·701	·734	·726	·711	·706	·671	·659	·635	·626	·694
11	·634	·657	·682	·700	·718	·724	·730	·738	·730	·691	·655	·655	·661	·644	·669	·702	·717	·690	·729	·705	·691	·652	·633	·613	·684
12	·592	·616	·631	·654	·659	·666	·640	·638	·633	·629	·629	·616	·610	·619	·638	·653	·677	·681	·700	·673	·652	·610	·599	·591	·638
13	·590	·585	·601	·617	·636	·653	·658	·660	·650	·638	·630	·618	·612	·619	·641	·671	·683	·685	·687	·678	·653	·635	·619	·596	·638
14	·590	·600	·634	·682	·701	·726	·742	·752	·725	·703	·685	·680	·681	·689	·699	·716	·730	·733	·724	·711	·693	·678	·654	·636	·690
15	·631	·639	·664	·680	·704	·713	·728	·723	·721	·702	·687	·681	·681	·691	·699	·712	·724	·721	·707	·698	·681	·661	·642	·636	·689
16	·631	·622	·642	·674	·680	·729	·755	·745	·710	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	—	—	·708	·710	·710	·717	·729	·748	·760	·766	·773	·767	·761	·745	·740	·726	·714	·719
18	·701	·718	·745	·753	·779	·794	·817	·802	·773	·760	·751	·753	·762	·775	·790	·815	·834	·828	·804	·781	·755	·735	·711	·700	·768
19	·694	·714	·726	·742	·760	·771	·774	·759	·745	·733	·724	·717	·717	·734	·741	·748	·764	·759	·748	·741	·719	·695	·673	·664	·732
20	·665	·665	·676	·699	·723	·746	·751	·738	·722	·701	·683	·674	·671	·671	·689	·706	·723	·708	·703	·711	·686	·667	·652	·629	·694
21	·619	·626	·654	·681	·701	·714	·702	·687	·675	·664	·657	·656	·662	·693	·712	·723	·735	·738	·741	·720	·703	·685	·655	·641	·685
22	·641	·693	·714	·728	·735	·744	·749	·736	·729	·721	·717	·717	·724	·746	·770	·772	·781	·785	·765	·740	·736	·709	·687	·673	·730
23	·669	·684	·716	·744	·754	·775	·765	·750	·737	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	—	·715	·696	·690	·691	·698	·725	·733	·729	·710	·693	·679	·646	·630	·610	·597	·702
25	·602	·618	·637	·666	·685	·708	·715	·705	·700	·687	·677	·673	·675	·695	·711	·723	·732	·731	·723	·705	·677	·648	·638	·624	·681
26	·624	·636	·664	·684	·696	·713	·721	·721	·710	·701	·695	·699	·709	·724	·735	·754	·763	·760	·749	·734	·706	·691	·655	·639	·703
27	·638	·650	·668	·680	·712	·724	·732	·727	·718	·709	·703	·707	·718	·746	·776	·788	·798	·806	·781	·768	·725	·702	·670	·655	·721
28	·653	·669	·680	·712	·736	·761	·757	·751	·746	·736	·730	·731	·739	·756	·781	·789	·795	·793	·776	·745	·725	·691	·657	·647	·732
29	·646	·661	·680	·713	·748	·758	·769	·765	·753	·743	·736	·730	·731	·738	·757	·783	·786	·783	·768	·739	·715	·696	·666	·654	·730
30	·655	·675	·700	·719	·743	·765	·782	·767	·758	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
31	—	—	—	—	—	—	—	—	—	·752	·749	·745	·747	·752	·775	·791	·807	·803	·794	·774	·756	·734	·719	·718	·749
Means	0·654	·666	·688	·710	·729	·745	·752	·745	·734	·719	·709	·705	·708	·720	·739	·754	·766	·762	·751	·737	·715	·693	·671	·657	0·718

AUGUST 1859

										−·0016		−·0030													
1	0·713	0·731	0·753	0·779	0·807	0·834	0·855	0·847	0·841	0·823	0·809	0·803	0·803	0·825	0·851	0·859	0·875	0·877	0·867	0·850	0·828	0·793	0·774	0·762	0·815
2	·750	·762	·778	·798	·825	·850	·857	·849	·833	·830	·830	·824	·823	·838	·857	·875	·882	·884	·882	·862	·843	·815	·798	·783	·830
3	·774	·776	·800	·823	·845	·857	·861	·858	·851	·846	·844	·831	·824	·837	·861	·901	·919	·914	·900	·880	·848	·814	·785	·770	·842
4	·771	·779	·785	·827	·844	·868	·869	·848	·827	·815	·807	·808	·815	·823	·848	·875	·901	·905	·891	·862	·828	·793	·785	·775	·831
5	·765	·780	·799	·829	·859	·869	·864	·850	·837	·818	·803	·798	·799	·822	·851	·862	·864	·872	·855	·833	·814	·785	·771	·766	·824
6	·764	·770	·785	·815	·837	·865	·876	·865	·853	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	—	·847	·845	·848	·856	·874	·899	·920	·930	·928	·920	·891	·871	·842	·824	·811	·856
8	·809	·816	·839	·862	·876	·882	·893	·889	·883	·862	·845	·849	·858	·877	·881	·895	·910	·908	·894	·877	·842	·819	·794	·781	·860
9	·779	·775	·786	·816	·835	·853	·859	·850	·840	·828	·819	·822	·831	·855	·860	·875	·882	·876	·862	·845	·814	·787	·766	·752	·828
10	·751	·762	·773	·802	·828	·836	·831	·826	·808	·792	·779	·779	·784	·787	·812	·841	·862	·861	·857	·841	·825	·806	·768	·748	·807
11	·752	·775	·792	·816	·831	·839	·844	·826	·811	·798	·788	·774	·763	·772	·782	·803	·811	·811	·797	·788	·775	·747	·719	·699	·788
12	·697	·703	·728	·774	·790	·786	·803	·791	·778	·772	·770	·756	·748	·757	·768	·807	·825	·823	·816	·803	·778	·756	·730	·706	·769
13	·696	·731	·740	·750	·760	·795	·807	·794	·783	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	·771	·763	·755	·753	·759	·772	·795	·798	·791	·777	·763	·747	·725	·693	·683	·758
15	·683	·705	·733	·755	·766	·781	·814	·813	·803	·774	·748	·738	·734	·742	·769	·775	·794	·789	·774	·754	·721	·683	·658	·645	·748
16	·644	·659	·688	·714	·730	·741	·752	·746	·728	·720	·716	·712	·714	·719	·721	·730	·738	·731	·718	·703	·680	·651	·645	·621	·705
17	·630	·645	·648	·671	·687	·711	·701	·688	·671	·658	·649	·655	·667	·681	·688	·690	·686	·688	·678	·662	·640	·634	·626	·628	·666
18	·621	·612	·628	·655	·678	·696	·711	·710	·691	·668	·648	·650	·657	·680	·690	·716	·720	·724	·704	·698	·690	·672	·659	·648	·676
19	·651	·685	·698	·720	·736	·755	·760	·747	·730	·711	·696	·697	·704	·716	·733	·763	·784	·792	·784	·782	·770	·752	·715	·695	·732
20	·665	·680	·710	·734	·754	·782	·788	·777	·766	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	—	·722	·682	·683	·690	·701	·715	·743	·752	·747	·730	·712	·689	·650	·632	·627	·714
22	·620	·646	·663	·691	·716	·730	·729	·721	·711	·696	·685	·680	·681	·697	·716	·745	·764	·786	·770	·745	·723	·681	·656	·629	·703
23	·625	·642	·671	·705	·736	·754	·747	·740	·730	·718	·710	·711	·717	·738	·774	·793	·800	·796	·787	·760	·739	·701	·670	·664	·726
24	·666	·679	·692	·715	·737	·773	·782	·765	·750	·740	·733	·734	·741	·749	·775	·795	·808	·818	·797	·774	·749	·712	·688	·671	·743
25	·673	·678	·701	·733	·753	·769	·771	·758	·740	·728	·719	·719	·724	·736	·745	·769	·779	·789	·778	·756	·732	·716	·694	·681	·735
26	·679	·684	·703	·727	·765	·787	·779	·774	·768	·762	·760	·761	·768	·773	·794	·800	·834	·837	·821	·802	·770	·739	·716	·694	·762
27	·700	·711	·724	·746	·770	·788	·801	·781	·763	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	·755	·750	·743	·742	·746	·777	·793	·812	·810	·789	·768	·735	·714	·691	·686	·754
29	·681	·692	·717	·734	·761	·779	·778	·781	·778	·763	·752	·755	·763	·783	·803	·841	·851	·848	·826	·792	·758	·731	·711	·690	·765
30	·684	·691	·715	·761	·791	·799	·785	·771	·755	·750	·748	·742	·742	·768	·790	·794	·816	·804	·778	·750	·710	·672	·651	·626	·746
31	·624	·630	·660	·698	·733	·730	·724	·713	·688	·677	·670	·675	·686	·706	·728	·761	·767	·775	·764	·737	·706	·695	·668	·658	·703
Means	0·699	·711	·730	·757	·780	·797	·802	·792	·778	·765	·754	·752	·755	·769	·787	·808	·821	·822	·808	·789	·764	·736	·714	·700	0·766

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means, and the numbers at the head of them are corrections of interpolations.

BAROMETRIC PRESSURE—(Corrected)

Barometer at 32° = 29 English Inches + the number in the Table

	Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
	Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
		In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
											* —·0027		* —·0057													
SEPTEMBER 1859	1	0·660	0·670	0·685	0·717	0·733	0·750	0·757	0·749	0·719	0·709	0·706	0·697	0·702	0·741	0·772	0·805	0·821	0·823	0·814	0·789	0·760	0·728	0·704	0·696	0·738
	2	·706	·723	·741	·761	·779	·804	·788	·773	·753	·745	·742	·749	·767	·784	·804	·830	·837	·839	·830	·804	·771	·741	·714	·702	·770
	3	·700	·713	·724	·748	·775	·788	·788	·786	·772	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	4	—	—	—	—	—	—	—	—	—	·766	·765	·770	·787	·791	·809	·832	·846	·836	·819	·788	·759	·727	·694	·678	·769
	5	·702	·727	·765	·770	·781	·791	·811	·795	·781	·764	·753	·760	·778	·793	·812	·836	·846	·843	·828	·797	·763	·732	·706	·709	·777
	6	·714	·728	·741	·771	·797	·815	·824	·820	·799	·790	·786	·793	·812	·816	·835	·851	·862	·857	·844	·822	·793	·762	·739	·731	·796
	7	·733	·761	·770	·791	·815	·833	·831	·819	·797	·789	·787	·796	·816	·831	·856	·878	·888	·884	·859	·830	·790	·758	·720	·714	·806
	8	·727	·733	·746	·775	·804	·823	·816	·807	·788	·779	·775	·773	·782	·786	·814	·833	·842	·843	·830	·803	·766	·737	·719	·710	·784
	9	·707	·722	·744	·773	·793	·813	·806	·800	·787	·777	·773	·769	·777	·793	·812	·841	·860	·859	·844	·818	·779	·750	·729	·723	·785
	10	·735	·757	·767	·783	·815	·839	·849	·838	·818	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	11	—	—	—	—	—	—	—	—	—	·818	·823	·831	·851	·855	·884	·904	·920	·920	·901	·870	·835	·808	·783	·777	·833
	12	·777	·780	·801	·823	·849	·861	·866	·853	·842	·822	·807	·810	·824	·836	·860	·882	·882	·883	·862	·826	·791	·772	·747	·733	·825
	13	·731	·752	·770	·783	·801	·821	·827	·810	·788	·771	·760	·763	·778	·798	·826	·822	·833	·830	·810	·781	·749	·718	·696	·677	·779
	14	·708	·709	·725	·763	·811	·813	·831	·790	·766	·758	·755	·755	·766	·823	·830	·844	·846	·828	·816	·793	·760	·739	·712	·697	·777
	15	·696	·706	·771	·789	·803	·825	·816	·808	·789	·773	·762	·760	·769	·793	·806	·813	·827	·819	·810	·784	·754	·729	·712	·693	·775
	16	·725	·727	·760	·781	·799	·819	·831	·814	·794	·776	·764	·769	·785	·807	·816	·828	·840	·838	·828	·798	·768	·740	·727	·719	·786
	17	·725	·730	·760	·779	·806	·826	·821	·829	·814	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	18	—	—	—	—	—	—	—	—	—	·809	·810	·813	·827	·852	·860	·873	·890	·887	·869	·834	·811	·787	·764	·745	·813
	19	·757	·783	·803	·824	·851	·869	·872	·864	·850	·839	·834	·843	·864	·871	·876	·890	·903	·912	·898	·873	·829	·799	·763	·760	·843
	20	·770	·785	·812	·832	·861	·873	·872	·860	·843	·836	·834	·827	·832	·848	·883	·905	·902	·901	·885	·861	·828	·804	·777	·773	·842
	21	·772	·784	·808	·837	·869	·884	·891	·888	·872	·855	·844	·844	·856	·877	·903	·911	·936	·926	·916	·874	·854	·815	·792	·789	·858
	22	·795	·798	·819	·850	·877	·889	·886	·862	·844	·834	·830	·823	·828	·857	·870	·888	·900	·893	·877	·849	·822	·797	·778	·769	·843
	23	·770	·785	·796	·830	·858	·873	·863	·853	·835	·824	·819	·816	·825	·829	·851	·879	·888	·887	·875	·849	·818	·792	·769	·758	·831
	24	·754	·776	·791	·818	·851	·862	·857	·843	·826	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	25	—	—	—	—	—	—	—	—	—	·830	·839	·829	·831	·850	·873	·902	·928	·931	·924	·893	·859	·837	·813	·812	·847
	26	·816	·831	·836	·866	·883	·894	·889	·870	·857	·845	·838	·826	·826	·839	·863	·873	·877	·885	·888	·875	·840	·766	·747	·743	·845
	27	·747	·755	·768	·789	·809	·824	·827	·810	·796	·777	·764	·760	·768	·789	·801	·823	·839	·863	·867	·835	·799	·753	·711	·699	·791
	28	·702	·718	·743	·766	·795	·804	·802	·791	·770	·751	·738	·741	·756	·779	·799	·825	·837	·848	·834	·807	·799	·768	·740	·724	·777
	29	·743	·753	·765	·785	·802	·809	·815	·807	·796	·774	·758	·749	·752	·779	·806	·837	·858	·869	·848	·829	·796	·774	·738	·732	·791
	30	·738	·750	·776	·820	·831	·841	·835	·824	·798	·772	·751	·751	·763	·792	·806	·839	·846	·851	·830	·808	·781	·742	·719	·713	·791
	Means	0·735	·748	·769	·793	·817	·832	·834	·822	·804	·792	·785	·785	·797	·816	·836	·856	·867	·867	·854	·827	·795	·764	·739	·730	0·803
											* —·0037		* —·0047													
OCTOBER 1859	1	0·727	0·746	0·774	0·770	0·791	0·794	0·797	0·795	0·789	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	2	—	—	—	—	—	—	—	—	—	0·741	0·700	0·703	0·716	0·729	0·758	0·783	0·796	0·791	0·768	0·734	0·713	0·665	0·627	0·615	0·743
	3	·617	·634	·668	·686	·702	·726	·728	·725	·699	·686	·679	·679	·688	·705	·736	·754	·767	·757	·727	·711	·684	·651	·635	·623	·694
	4	·644	·660	·720	·721	·734	·731	·735	·733	·713	·697	·689	·688	·697	·731	·749	·774	·787	·791	·778	·748	·721	·697	·672	·675	·720
	5	·689	·711	·735	·781	·805	·802	·817	·813	·794	·776	·766	·767	·776	·786	·806	·825	·838	·843	·828	·791	·759	·726	·717	·720	·778
	6	·736	·775	·786	·805	·820	·841	·839	·833	·821	·804	·794	·791	·798	·813	·833	·846	·854	·867	·839	·819	·791	·768	·743	·741	·807
	7	·745	·755	·776	·807	·825	·835	·828	·819	·801	·789	·785	·783	·791	·801	·823	·843	·857	·858	·838	·805	·774	·757	·728	·726	·798
	8	·744	·764	·777	·813	·835	·855	·850	·843	·829	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	9	—	—	—	—	—	—	—	—	—	·834	·847	·853	·869	·885	·911	·925	·945	·945	·918	·892	·863	·842	·848	·842	·855
	10	·840	·859	·893	·913	·925	·933	·929	·921	·901	·888	·883	·883	·893	·904	·924	·934	·948	·951	·927	·904	·881	·856	·838	·833	·898
	11	·842	·863	·883	·894	·911	·920	·917	·914	·892	·880	·875	·876	·886	·901	·924	·938	·944	·945	·923	·892	·872	·840	·824	·817	·891
	12	·821	·829	·851	·864	·893	·907	·908	·886	·873	·861	·856	·850	·854	·866	·896	·909	·911	·913	·891	·869	·843	·813	·795	·795	·865
	13	·796	·810	·833	·862	·881	·892	·898	·886	·865	·854	·850	·849	·858	·899	·925	·933	·950	·945	·924	·890	·860	·836	·808	·802	·871
	14	·807	·820	·843	·872	·899	·909	·906	·900	·895	·877	·866	·859	·861	·868	·888	·907	·917	·908	·889	·866	·836	·803	·804	·781	·866
	15	·789	·797	·825	·844	·873	·884	·880	·875	·871	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	16	—	—	—	—	—	—	—	—	—	·828	·792	·793	·803	·832	·849	·871	·877	·875	·848	·830	·806	·779	·766	·764	·831
	17	·770	·780	·806	·832	·846	·855	·850	·835	·829	·815	·808	·813	·827	·837	·864	·880	·895	·894	·868	·832	·808	·784	·767	·765	·828
	18	·777	·793	·821	·837	·846	·864	·867	·854	·838	·826	·821	·821	·830	·850	·858	·860	·878	·871	·847	·827	·785	·762	·751	·743	·826
	19	·745	·769	·787	·805	·824	·841	·846	·839	·825	·809	·800	·801	·812	·836	·864	·889	·898	·884	·864	·842	·816	·787	·774	·767	·822
	20	·779	·784	·812	·829	·851	·847	·839	·850	·840	·840	·847	·847	·857	·877	·900	·923	·943	·934	·917	·875	·846	·812	·802	·801	·852
	21	·811	·826	·844	·867	·884	·887	·893	·884	·875	·865	·863	·865	·877	·909	·926	·936	·948	·940	·925	·894	·866	·840	·827	·829	·878
	22	·847	·873	·892	·920	·936	·952	·955	·950	·948	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	23	—	—	—	—	—	—	—	—	—	·933	·926	·921	·926	·940	·964	·977	·993	·994	·966	·931	·903	·870	·863	·859	·927
	24	·864	·881	·891	·916	·937	·942	·937	·933	·925	·914	·910	·908	·916	·945	·967	·995	1·013	1·010	·991	·954	·936	·901	·887	·881	·931
	25	·895	·909	·923	·947	·971	·983	·979	·973	·962	·951	·948	·947	·956	·968	·993	1·006	·029	·031	1·014	·981	·959	·943	·915	·927	·963
	26	·934	·947	·972	·995	1·016	1·022	1·023	1·018	·995	·976	·964	·954	·953	·962	·977	0·997	·012	·004	0·993	·969	·943	·925	·910	·922	·974
	27	·927	·935	·959	·989	·015	·015	·055	·037	·989	·963	·944	·948	·962	·961	·981	·991	·013	·007	·986	·967	·939	·915	·900	·894	·978
	28	·908	·928	·944	·979	0·988	0·993	0·986	0·978	·954	·943	·940	·939	·947	·961	·981	1·009	·047	·048	1·031	·993	·962	·938	·918	·908	·968
	29	·906	·919	·944	·972	·978	·988	·987	·983	·978	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	30	—	—	—	—	—	—	—	—	—	·946	·922	·925	·938	·948	·976	0·992	·011	·017	0·997	·982	·956	·935	·926	·932	·961
	31	·948	·960	·990	1·016	1·027	1·028	1·019	·988	·959	·944	·937	·940	·953	·977	1·000	1·013	·046	·044	1·032	1·020	·996	·976	·962	·933	·989
	Means	0·804	·820	·844	·867	·885	·894	·895	·887	·872	·855	·847	·846	·856	·873	·895	·912	·928	·926	·905	·878	·851	·824	·808	·804	0·866

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means, and the numbers at the head of them are corrections of interpolations.

BAROMETRIC PRESSURE (Corrected)

Barometer at 32° = 29 English Inches + the number in the Table

	Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
	Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h m 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
		In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
NOVEMBER 1859	1	0·947	0·951	0·955	0·983	0·998	1·001	1·010	1·004	0·979	0·939*	0·959	0·955*	0·952	0·983	0·993	1·013	1·031	1·020	0·986	0·955	0·923	0·903	0·888	0·888	0·969
	2	·892	·901	·922	·940	·957	0·962	0·955	0·938	·923	·908	·893	·895	·898	·907	·930	0·943	0·963	0·960	·935	·910	·889	·877	·866	·865	·918
	3	·872	·874	·884	·903	·910	·921	·925	·914	·897	·877	·857	·870	·883	·895	·911	·933	·958	·974	·971	·951	·932	·893	·860	·860	·905
	4	·866	·877	·898	·921	·947	·957	·953	·951	·933	·920	·906	·903	·900	·928	·957	·980	·999	·999	·974	·949	·930	·906	·895	·893	·931
	5	·916	·928	·952	·979	·997	1·005	1·005	·981	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	6	—	—	—	—	—	—	—	—	·944	·916	·905	·895	·903	·912	·934	·948	·966	·972	·946	·936	·899	·870	·864	·867	·935
	7	·872	·882	·898	·925	·948	0·950	0·945	·934	·916	·894	·885	·878	·894	·919	·936	·955	·977	·979	·966	·937	·920	·900	·874	·882	·920
	8	·904	·925	·955	·981	·991	·993	·989	·975	·947	·930	·917	·921	·921	·933	·961	·985	1·005	1·009	·992	·967	·938	·916	·900	·907	·953
	9	·924	·937	·952	·964	·985	·989	·983	·968	·947	·934	·928	·919	·933	·946	·960	·977	0·996	0·990	·980	·961	·927	·892	·870	·867	·947
	10	·878	·885	·909	·929	·956	·960	·956	·947	·930	·900	·893	·897	·908	·928	·940	·966	·981	·988	·970	·944	·915	·884	·874	·885	·926
	11	·889	·901	·923	·950	·969	·977	·963	·947	·923	·905	·898	·895	·904	·914	·939	·962	·977	·978	·958	·934	·920	·881	·869	·856	·926
	12	·871	·897	·916	·935	·963	·967	·956	·954	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	13	—	—	—	—	—	—	—	—	·966	·944	·930	·926	·938	·954	·967	·980	·989	·995	·968	·939	·908	·883	·876	·874	·937
	14	·880	·896	·922	·948	·960	·977	·982	·949	·921	·914	·890	·885	·900	·909	·927	·949	·960	·980	·968	·947	·917	·900	·882	·884	·927
	15	·896	·905	·928	·947	·962	·964	·957	·948	·917	·902	·889	·884	·882	·886	·893	·915	·948	·948	·941	·937	·914	·877	·842	·848	·914
	16	·851	·874	·893	·921	·925	·926	·914	·906	·877	·833	·839	·826	·817	·837	·855	·860	·864	·887	·883	·842	·827	·798	·789	·803	·860
	17	·796	·807	·839	·860	·885	·887	·876	·876	·830	·805	·803	·820	·824	·841	·848	·869	·899	·905	·898	·874	·843	·805	·797	·798	·845
	18	·810	·837	·880	·900	·907	·909	·906	·896	·863	·842	·831	·825	·847	·866	·890	·908	·938	·933	·927	·897	·869	·845	·826	·824	·874
	19	·840	·851	·880	·902	·911	·917	·912	·903	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20	—	—	—	—	—	—	—	—	·838	·821	·804	·822	·841	·861	·878	·897	·916	·932	·922	·888	·854	·819	·794	·812	·867
	21	·813	·827	·857	·889	·898	·905	·893	·885	·854	·842	·854	·832	·845	·863	·875	·905	·910	·914	·904	·875	·850	·814	·803	·803	·863
	22	·813	·836	·867	·883	·896	·904	·894	·889	·869	·843	·825	·821	·834	·844	·865	·880	·905	·906	·891	·875	·841	·814	·809	·827	·860
	23	·848	·866	·892	·927	·946	·953	·939	·920	·905	·891	·877	·874	·866	·889	·910	·933	·958	·958	·950	·919	·871	·851	·843	·838	·901
	24	·850	·860	·883	·905	·916	·923	·913	·895	·881	·861	·841	·838	·856	·868	·885	·905	·927	·929	·909	·889	·858	·839	·825	·819	·878
	25	·825	·836	·851	·876	·889	·895	·885	·868	·839	·828	·807	·815	·818	·836	·846	·857	·883	·895	·883	·882	·859	·831	·808	·796	·850
	26	·810	·827	·839	·858	·884	·890	·894	·858	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	27	—	—	—	—	—	—	—	—	·863	·834	·819	·815	·827	·839	·860	·889	·910	·902	·892	·864	·839	·819	·794	·800	·851
	28	·804	·807	·831	·838	·872	·883	·887	·867	·842	·811	·804	·812	·815	·839	·863	·879	·896	·903	·888	·869	·829	·801	·784	·780	·842
	29	·794	·804	·832	·857	·865	·872	·871	·864	·835	·821	·802	·801	·817	·831	·843	·863	·893	·895	·885	·855	·815	·794	·791	·790	·837
	30	·799	·801	·832	·851	·886	·898	·889	·879	·854	·831	·823	·829	·838	·846	·864	·896	·912	·896	·884	·857	·823	·794	·771	·778	·847
	Means	0·853	·869	·892	·914	·932	·938	·933	·920	·896	·876	·865	·864	·872	·887	·905	·925	·945	·948	·934	·910	·881	·854	·838	·840	0·896
DECEMBER 1859	1	0·800	0·802	0·817	0·862	0·881	0·890	0·888	0·876	0·857	0·845*	0·834	0·831*	0·813	0·840	0·855	0·885	0·903	0·910	0·900	0·882	0·853	0·828	0·815	0·810	0·853
	2	·823	·841	·835	·885	·908	·919	·912	·908	·890	·861	·858	·841	·850	·882	·893	·918	·942	·943	·922	·901	·879	·849	·847	·847	·883
	3	·858	·878	·899	·924	·944	·950	·934	·924	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	4	—	—	—	—	—	—	—	—	·876	·866	·857	·848	·853	·869	·880	·904	·924	·925	·917	·891	·857	·825	·808	·803	·884
	5	·806	·820	·845	·871	·894	·908	·912	·904	·890	·861	·856	·852	·857	·866	·905	·926	·942	·945	·926	·895	·859	·833	·823	·825	·876
	6	·840	·848	·881	·910	·924	·932	·931	·918	·902	·890	·885	·897	·911	·926	·954	·974	·993	·997	·982	·953	·921	·898	·882	·883	·918
	7	·891	·903	·927	·954	·982	·988	·980	·967	·948	·932	·916	·929	·941	·957	·979	1·007	1·028	1·028	1·010	·992	·960	·941	·921	·915	·958
	8	·926	·938	·950	·976	·989	·999	·990	·977	·972	·955	·945	·937	·947	·952	·973	·002	·024	·035	·018	·983	·951	·918	·902	·900	·965
	9	·916	·934	·951	·961	·986	·996	·990	·984	·974	·958	·950	·941	·947	·957	·971	·000	·013	·027	·003	·982	·952	·934	·919	·917	·965
	10	·930	·951	·969	·987	1·012	1·021	1·019	1·013	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	11	—	—	—	—	—	—	—	—	1·035	1·023	1·007	1·009	1·011	1·025	1·055	·078	·100	·106	·084	1·064	1·048	1·012	·997	·993	1·023
	12	·998	1·003	1·014	1·041	·062	·077	·068	·056	·040	·017	·004	·001	·007	·028	·037	·061	·078	·081	·066	·044	·008	0·985	·963	·961	·029
	13	·968	0·984	0·998	·025	·043	·050	·044	·039	·022	·000	0·985	0·988	0·996	·005	·030	·056	·072	·077	·061	·029	·002	·987	·969	·972	·017
	14	·977	·998	1·018	·039	·056	·061	·056	·036	·015	·002	·995	·991	1·004	·012	·038	·061	·084	·084	·066	·050	·029	1·020	·992	·989	·028
	15	·997	1·007	·023	·036	·064	·079	·075	·059	·033	·015	1·003	·993	·003	·011	·036	·060	·086	·085	·077	·054	·033	·009	1·005	1·009	·036
	16	1·020	·041	·051	·080	·093	·098	·095	·087	·073	·056	·035	1·030	·029	·048	·059	·080	·095	·099	·087	·067	·039	·010	·003	0·999	·057
	17	·011	·020	·055	·076	·086	·101	·100	·079	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	18	—	—	—	—	—	—	—	—	·025	·014	·000	0·981	0·992	·006	·032	·066	·078	·084	·065	·043	·009	0·987	0·963	·957	·035
	19	0·970	0·979	0·995	·014	·037	·042	·033	·015	·002	0·995	0·981	·976	1·000	·014	·036	·059	·086	·078	·061	·037	·005	·972	·951	·948	·012
	20	·954	·967	·983	·002	·011	·018	·018	·012	0·992	·981	·965	·958	0·967	0·989	·004	·032	·053	·060	·046	·024	0·997	·979	·958	·951	0·997
	21	·955	·969	·990	·013	·029	·039	·032	·028	1·016	1·008	·977	·980	·989	·995	·016	·034	·062	·061	·057	·032	1·008	·982	·965	·955	1·008
	22	·969	·978	·998	·019	·043	·052	·049	·047	·035	·021	1·004	1·002	·996	1·010	·039	·065	·089	·092	·075	·058	·020	1·001	·985	·975	·026
	23	·978	·991	1·012	·044	·060	·067	·061	·053	·047	·036	·018	·009	1·016	·024	·053	·084	·108	·102	·090	·067	·034	·014	1·003	·995	·040
	24	1·005	1·019	·037	·067	·090	·093	·090	·081	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	25	—	—	—	—	—	—	—	—	·022	·004	0·981	0·979	0·978	0·991	·004	·030	·043	·052	·043	·020	0·994	0·959	0·943	·941	·019
	26	0·952	0·963	0·978	0·995	·009	·012	·000	0·997	0·992	0·977	·961	·955	·967	·983	·003	·025	·046	·054	·045	·018	·986	·962	·941	·935	0·990
	27	·939	·956	·979	1·006	·026	·031	·025	1·005	1·001	·981	·967	·961	·964	·968	0·975	·003	·032	·051	·033	·015	·999	·967	·941	·945	·990
	28	·953	·962	·976	0·995	·003	·002	0·994	0·981	0·964	·950	·934	·933	·948	·954	·979	·002	·018	·026	·013	0·988	·962	·938	·911	·910	·971
	29	·927	·944	·958	·981	0·996	·009	1·010	·998	·971	·962	·954	·953	·961	·970	·983	·007	·018	·027	·014	·986	·956	·930	·910	·909	·972
	30	·920	·943	·956	·979	·994	·003	0·994	·983	·963	·955	·950	·936	·948	·965	·986	·009	·027	·033	·022	·989	·962	·938	·914	·915	·970
	Means	0·934	·948	·966	·990	1·000	·017	·012	·001	0·983	·968	·955	·950	·958	·971	·991	1·016	·036	·041	·026	·002	0·974	·949	·932	·929	0·932

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

DRY THERMOMETER, STANDARD No. 7

(Corrected to the Kew Observatory Standard Thermometer)

	Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
	Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
		o	o	o	o	o	o	o	o	o	* o	o	* o	o	o	o	o	o	o	o	o	o	o	o	o	o
JANUARY 1859	1	77·7	76·2	75·5	74·8	74·8	74·6	72·4	69·6	68·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	2	—	—	—	—	—	—	—	—	—	72·1	75·5	75·4	75·3	75·3	75·2	77·3	78·5	79·1	80·1	80·3	79·8	79·5	78·6	78·6	76·0
	3	78·5	77·7	77·0	77·2	77·1	77·1	76·8	76·5	76·3	76·3	76·3	76·2	76·1	76·0	76·0	76·1	76·3	77·7	78·1	78·3	78·5	77·1	77·3	76·8	77·0
	4	76·2	76·1	76·0	75·9	75·6	76·0	75·8	75·8	75·6	75·5	75·4	75·2	75·0	75·3	74·8	77·4	78·4	79·3	80·3	80·8	81·8	80·8	80·7	80·4	77·3
	5	79·4	78·6	77·7	77·4	77·2	76·8	76·8	76·4	76·1	75·7	75·4	73·9	72·4	72·4	72·4	74·4	79·1	80·3	79·5	79·1	80·2	81·2	80·5	79·5	77·2
	6	79·0	77·3	76·5	76·1	75·7	75·4	75·8	76·3	76·5	76·4	76·3	75·4	74·4	73·4	73·6	74·6	74·6	76·3	78·9	75·3	75·5	75·2	75·3	76·5	75·8
	7	76·8	76·5	76·3	76·2	76·1	75·3	75·2	74·5	75·0	74·7	74·5	73·9	73·2	73·4	75·6	76·3	77·4	77·3	78·8	79·8	79·6	79·8	79·5	78·9	76·4
	8	77·7	77·0	76·4	76·2	76·0	76·2	75·9	75·5	74·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	9	—	—	—	—	—	—	—	—	—	73·9	73·1	72·5	71·8	70·6	71·4	72·4	75·4	77·9	78·5	80·1	78·8	79·2	78·5	78·0	75·7
	10	77·4	76·1	75·4	75·3	74·6	74·4	74·0	73·4	72·9	72·5	72·2	70·7	69·1	68·6	67·9	71·4	76·0	77·3	78·3	79·1	79·6	79·2	78·4	77·6	74·6
	11	77·1	75·5	75·3	75·0	74·4	74·0	73·6	71·4	71·4	71·1	70·8	70·0	69·1	67·7	66·6	69·4	72·5	75·5	77·2	78·5	79·4	79·1	79·3	79·1	73·9
	12	78·2	76·1	75·3	73·8	73·3	72·9	71·9	71·0	70·6	70·4	70·3	70·2	70·1	70·6	71·0	73·2	75·5	77·5	78·3	79·1	80·4	79·9	79·7	79·3	74·5
	13	78·6	77·1	76·1	75·8	75·5	75·3	74·8	74·4	73·1	71·5	69·9	69·8	69·6	69·3	69·4	70·9	73·4	77·3	79·8	79·3	78·3	78·3	78·0	77·5	74·7
	14	76·9	76·1	75·3	75·3	74·9	74·6	74·1	73·4	72·1	70·9	69·8	69·6	69·4	68·4	68·7	70·7	73·6	76·5	78·3	79·1	79·1	78·8	78·2	77·6	74·2
	15	76·7	76·2	75·4	75·3	74·8	74·8	74·6	73·9	73·9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	16	—	—	—	—	—	—	—	—	—	74·9	76·0	75·7	75·3	75·3	75·6	76·4	78·1	79·5	79·8	80·3	81·3	79·8	79·0	79·0	76·7
	17	78·0	76·5	76·1	75·6	75·6	75·1	74·7	74·4	74·2	74·1	74·1	73·8	73·5	73·2	73·3	75·5	76·8	77·3	79·1	79·3	79·8	79·5	78·9	78·1	76·1
	18	77·3	76·4	76·3	75·4	75·3	75·3	75·3	74·4	74·3	73·8	73·4	72·2	70·9	68·6	68·9	70·5	74·2	77·0	78·6	78·6	80·1	79·3	78·7	78·5	75·1
	19	77·4	76·3	75·5	75·1	74·3	74·3	74·1	73·9	71·4	69·0	66·6	65·5	64·4	64·2	64·4	68·6	73·6	76·5	77·6	79·0	80·1	79·1	79·0	78·1	73·2
	20	77·3	76·3	75·3	75·3	75·1	75·0	74·9	74·6	74·4	74·2	74·1	73·4	72·6	71·2	70·4	75·2	77·3	78·3	78·3	78·7	79·3	80·3	78·9	78·3	75·8
	21	77·2	76·0	75·5	75·2	74·6	74·2	74·7	74·6	73·7	73·0	72·3	72·1	71·9	71·6	71·4	73·1	76·3	78·1	78·6	79·1	79·8	80·1	79·5	79·2	75·5
	22	78·4	76·2	75·4	74·4	72·2	70·6	70·2	70·0	69·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	23	—	—	—	—	—	—	—	—	—	67·2	65·0	64·7	64·3	63·6	64·2	67·6	72·2	75·1	76·8	78·2	78·3	78·7	77·9	77·3	72·0
	24	76·9	75·1	73·7	72·3	71·0	68·7	67·2	65·7	65·4	64·9	64·4	64·0	63·6	63·4	64·1	67·5	71·6	75·2	78·1	79·5	78·8	78·1	78·1	77·5	71·0
	25	76·4	75·3	73·6	72·3	71·7	68·4	67·2	66·4	65·4	64·9	64·4	63·5	62·6	62·4	61·6	65·6	71·6	74·4	76·8	77·6	78·1	78·5	78·4	77·7	70·6
	26	76·1	74·4	73·1	72·5	69·6	68·2	67·1	65·9	65·4	64·3	63·2	63·4	63·5	63·9	62·5	64·9	71·2	73·4	75·7	77·3	78·5	78·9	78·2	78·2	70·4
	27	76·5	74·8	72·3	71·4	69·8	68·7	68·2	68·2	67·9	67·5	67·2	66·9	66·6	65·4	64·9	68·4	72·4	76·3	77·5	78·6	79·5	79·3	80·2	79·1	72·0
	28	77·7	76·1	74·2	73·3	72·3	70·6	70·4	68·9	68·1	67·7	67·4	67·3	67·2	67·3	66·4	67·8	73·4	76·2	79·1	79·1	79·1	80·1	79·6	79·6	72·9
	29	78·2	76·3	75·2	73·4	72·0	70·6	69·4	69·2	68·6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	30	—	—	—	—	—	—	—	—	—	68·6	68·6	67·9	67·1	67·4	67·4	70·9	74·9	77·3	78·3	79·3	79·8	80·9	81·0	79·5	73·4
	31	78·3	76·6	75·7	73·6	72·0	69·6	69·1	68·4	67·4	67·1	66·8	66·2	65·6	64·9	65·7	69·9	74·4	76·7	78·7	78·9	80·1	80·0	80·5	79·4	72·7
	Means	77·5	76·3	75·4	74·8	74·1	73·3	72·9	72·2	71·6	71·2	70·9	70·4	69·8	69·4	69·4	71·8	74·9	77·0	78·4	78·9	79·4	79·3	78·9	78·4	74·4
FEBRUARY 1859	1	77·8	75·6	74·2	73·6	70·6	69·1	68·4	67·8	66·9	* 66·7	66·6	* 65·5	64·4	65·1	65·4	69·9	73·6	76·1	77·7	78·3	79·3	78·6	79·0	78·7	72·0
	2	77·6	75·4	74·4	73·6	70·7	70·5	70·3	69·9	69·4	69·5	69·6	69·4	69·2	69·0	68·4	71·1	74·4	78·2	79·3	81·8	81·2	81·5	81·0	80·2	74·0
	3	78·9	77·6	76·3	75·9	74·5	71·6	71·4	71·4	71·4	71·1	70·9	70·3	69·7	69·4	68·6	71·6	74·6	77·5	79·9	81·3	81·5	81·5	82·1	82·0	75·0
	4	80·4	78·2	75·9	74·8	74·1	73·4	72·6	71·9	69·9	68·6	67·3	68·7	70·1	70·1	70·2	72·0	73·4	75·3	78·0	81·2	82·3	83·5	82·6	81·6	74·8
	5	80·3	78·8	76·9	74·0	72·6	71·1	70·4	69·7	69·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	6	—	—	—	—	—	—	—	—	—	68·7	68·2	68·2	68·2	67·6	67·3	71·5	76·1	80·1	80·3	80·8	81·3	81·3	81·5	80·7	74·4
	7	79·7	78·3	77·4	77·0	76·5	76·2	75·9	75·3	75·3	74·2	73·2	72·8	72·4	71·2	71·2	73·6	77·8	80·3	82·5	82·8	83·3	83·7	83·0	81·9	77·3
	8	80·8	79·1	78·1	77·5	77·1	76·6	76·6	76·6	76·3	75·3	74·4	74·5	74·6	74·8	75·0	76·9	79·1	82·3	82·5	84·3	84·9	84·5	83·5	82·2	78·6
	9	81·6	80·1	79·2	78·5	78·4	78·3	77·8	77·3	76·5	76·3	76·1	76·0	75·8	75·6	75·6	76·1	78·3	81·5	82·9	84·3	84·1	84·5	84·6	84·3	79·3
	10	82·3	80·4	79·1	79·1	78·4	78·3	77·3	76·1	74·3	74·2	74·1	73·8	73·4	72·7	72·5	76·1	79·4	82·3	82·7	83·3	85·2	85·0	83·9	83·1	78·6
	11	81·5	80·4	79·4	78·7	78·5	77·8	77·6	77·4	77·3	77·3	77·3	77·2	77·0	77·0	77·3	78·3	80·6	81·5	82·1	83·1	84·1	83·8	83·3	82·2	79·6
	12	82·2	79·7	79·0	78·5	78·2	77·8	77·5	77·3	77·1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	13	—	—	—	—	—	—	—	—	—	75·2	73·4	72·5	71·6	71·4	72·1	74·7	78·3	80·3	83·3	84·3	83·3	84·1	83·5	82·6	78·2
	14	80·9	79·4	78·2	77·6	77·2	76·3	75·1	73·4	73·5	73·3	73·2	72·9	72·6	71·4	71·3	74·6	78·5	80·8	83·1	83·5	84·3	83·5	83·2	82·5	77·5
	15	81·2	80·2	80·1	80·0	79·2	76·8	76·5	76·2	75·3	74·6	73·9	73·3	72·7	72·0	71·8	75·2	78·5	80·5	82·5	82·3	82·8	83·0	82·6	82·2	78·1
	16	81·5	79·5	78·6	77·9	77·4	77·2	76·1	75·5	75·0	73·5	72·1	71·9	71·6	70·9	70·6	73·4	77·1	79·5	82·2	84·0	84·6	84·4	83·5	83·2	77·5
	17	82·1	80·1	78·5	77·6	77·1	76·5	76·0	75·5	75·3	73·9	72·6	72·1	71·6	70·6	70·4	73·9	77·3	79·3	81·6	82·8	83·1	82·6	82·3	82·3	77·3
	18	81·5	80·1	78·6	77·3	76·3	76·3	75·0	73·4	70·7	70·8	70·9	70·8	70·7	70·6	70·0	73·3	77·3	80·1	81·2	81·5	82·5	82·6	82·1	82·3	76·5
	19	80·8	78·5	77·6	76·9	76·2	75·1	73·4	73·0	71·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20	—	—	—	—	—	—	—	—	—	69·7	68·1	67·4	66·6	66·4	66·6	70·9	76·1	78·6	81·1	82·1	83·9	84·7	84·3	84·0	75·6
	21	82·5	79·5	76·6	74·3	72·4	71·9	71·4	70·2	69·2	68·4	67·6	67·1	66·6	66·2	66·3	71·2	75·5	79·2	81·3	82·5	83·1	83·5	83·1	82·6	74·7
	22	81·8	79·4	77·2	76·2	75·5	75·4	75·1	74·1	71·4	71·0	70·6	69·9	69·2	67·9	68·6	73·2	77·5	79·6	81·3	82·3	82·4	84·1	83·8	83·4	76·3
	23	82·0	79·9	78·5	77·3	76·6	75·7	75·3	74·6	74·1	73·8	73·6	72·5	71·3	71·6	72·4	76·5	81·3	82·6	84·0	84·9	84·6	84·5	84·2	84·0	78·1
	24	82·3	81·1	80·0	79·4	79·3	79·2	79·0	78·6	77·5	77·3	77·1	75·8	74·4	73·4	72·9	77·3	81·4	82·8	84·5	84·5	84·8	84·9	84·6	84·2	79·9
	25	83·5	81·4	80·1	79·5	79·4	79·0	78·5	78·5	78·2	77·8	77·4	76·0	74·6	73·9	73·6	76·5	80·5	81·2	83·8	84·3	85·4	86·5	85·8	85·2	80·0
	26	84·5	82·3	80·6	80·2	79·8	79·3	79·2	78·8	78·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	27	—	—	—	—	—	—	—	—	—	74·8	71·4	71·3	71·1	70·9	71·6	75·3	79·8	82·3	84·2	84·6	85·3	85·5	85·3	84·7	79·2
	28	83·5	81·4	79·3	78·2	77·1	76·9	74·7	73·6	72·6	72·5	72·4	71·9	71·3	71·1	70·4	74·9	79·3	82·2	84·7	85·8	85·6	86·3	85·6	84·5	78·2
	Means	81·3	79·4	78·1	77·2	76·4	75·7	75·0	74·4	73·6	72·9	72·2	71·7	71·3	70·9	70·8	74·1	77·7	80·2	81·9	82·9	83·5	83·7	83·3	82·7	77·1

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

DRY THERMOMETER, STANDARD No. 7

(Corrected to the Kew Observatory Standard Thermometer)

	Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
	Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
MARCH 1859		o	o	o	o	o	o	o	o	o	o *	o	o *	o	o	o	o	o	o	o	o	o	o	o	o	o
	1	83·3	81·0	79·2	78·7	78·0	77·3	76·5	75·6	74·9	73·7	72·6	71·9	71·1	70·7	70·6	75·1	79·3	82·3	84·3	84·8	85·5	85·3	84·9	84·0	78·4
	2	83·4	80·9	79·1	78·3	77·5	76·6	76·1	75·1	73·4	72·0	70·6	70·5	70·3	70·0	70·5	75·5	81·0	83·1	83·8	85·1	86·8	85·9	85·1	84·0	78·1
	3	83·3	81·2	79·7	79·3	79·2	79·1	78·6	78·3	76·5	76·4	76·3	76·1	75·8	75·5	75·2	80·5	83·1	86·3	88·4	88·9	88·1	88·3	87·3	86·3	81·2
	4	84·8	83·2	81·7	80·9	80·9	80·4	80·0	79·8	79·3	78·5	77·7	77·6	77·4	77·2	77·5	82·1	85·1	88·1	89·3	90·3	89·3	88·9	87·9	87·1	82·7
	5	85·0	82·5	81·7	81·2	80·9	80·5	80·4	80·4	80·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	6	—	—	—	—	—	—	—	—	—	78·7	77·3	76·9	76·5	76·3	77·3	81·1	83·8	87·5	89·6	89·8	90·1	88·4	86·7	86·4	82·5
	7	85·2	82·4	81·3	81·0	80·3	80·1	79·6	79·1	77·8	77·1	76·5	76·2	75·8	75·5	76·2	79·4	82·3	86·3	87·5	90·3	89·2	89·3	89·0	87·5	81·9
	8	85·3	83·3	81·7	80·9	80·3	80·1	79·3	78·3	77·3	76·5	75·8	75·4	74·9	75·3	76·1	79·1	82·8	85·5	86·3	87·5	87·3	87·1	87·0	86·2	81·2
	9	84·0	82·3	81·1	80·3	79·5	79·4	78·8	78·5	78·3	76·7	75·2	74·9	74·6	74·9	75·3	78·0	83·1	86·2	87·2	87·6	87·3	86·5	87·0	85·4	80·9
	10	84·5	81·6	80·6	79·5	78·8	77·7	77·5	77·3	76·3	75·9	75·5	75·3	75·0	74·8	74·6	78·9	82·1	85·5	87·8	88·1	88·2	87·4	86·6	86·3	80·7
	11	84·6	82·4	81·1	80·3	79·7	79·6	79·2	78·3	77·6	76·9	76·3	75·4	74·5	74·4	75·5	78·6	83·3	84·9	86·3	87·1	87·6	86·6	87·2	86·5	81·0
	12	84·3	81·4	80·7	80·3	79·4	78·6	78·3	77·6	77·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	13	—	—	—	—	—	—	—	—	—	75·8	74·3	74·2	74·0	73·7	74·4	77·8	82·0	86·1	89·5	91·3	90·6	89·5	89·9	87·8	81·2
	14	85·9	83·3	81·5	80·5	80·1	79·3	78·5	78·1	76·3	75·7	75·2	75·1	74·9	74·6	75·5	80·5	85·3	88·5	90·3	92·3	91·1	90·1	88·5	86·9	82·0
	15	85·8	83·3	81·2	80·3	80·1	78·8	78·3	78·3	78·8	77·5	76·3	75·9	75·5	74·6	75·2	78·1	81·3	85·8	88·5	91·2	93·5	90·2	88·6	88·1	81·9
	16	86·5	83·4	81·3	80·8	80·1	79·6	79·3	78·6	76·3	76·0	75·8	75·6	75·3	74·6	75·3	78·6	83·2	85·3	88·3	91·3	90·1	88·8	86·5	86·1	81·5
	17	84·2	82·4	81·2	80·5	79·8	79·4	78·8	78·5	78·1	77·6	77·2	76·8	76·3	74·6	75·1	79·5	83·5	84·3	85·7	85·3	86·3	86·9	84·4	83·2	80·8
	18	82·2	80·5	79·5	79·3	78·3	77·5	76·9	76·7	76·0	75·3	74·6	74·0	73·3	73·6	74·2	77·8	82·1	85·3	86·3	86·5	86·9	86·4	87·1	86·2	79·9
	19	84·7	82·4	80·5	77·6	76·2	75·5	75·2	74·4	73·9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20	—	—	—	—	—	—	—	—	—	73·2	72·5	72·1	71·6	71·5	72·9	76·5	81·7	84·3	86·3	87·4	87·3	86·8	87·1	86·2	79·1
	21	84·7	82·6	80·4	79·0	77·4	76·5	75·5	75·0	73·5	73·4	73·4	73·3	73·1	72·3	72·9	77·1	81·3	84·1	87·2	87·9	88·3	88·1	87·7	86·5	79·6
	22	84·8	82·5	80·8	79·5	77·4	76·1	75·3	74·7	73·7	73·0	72·3	72·2	72·1	72·4	73·3	77·3	81·8	84·7	85·6	87·1	87·3	88·1	86·7	86·2	79·4
	23	84·8	83·5	82·1	81·4	81·0	79·6	78·8	77·8	76·3	75·9	75·5	75·4	75·3	75·1	75·6	79·1	81·8	84·5	86·3	87·1	87·5	86·3	89·0	88·3	81·2
	24	86·7	84·5	83·5	83·2	82·8	82·5	82·0	82·0	80·3	79·8	79·3	78·7	78·1	77·9	80·0	83·3	86·3	89·3	90·5	89·3	90·6	87·9	85·6	87·1	83·8
	25	86·6	84·3	83·2	82·5	82·1	81·3	80·7	80·2	79·3	78·8	78·3	77·4	76·5	76·4	76·8	81·7	85·6	87·3	90·2	88·1	89·3	89·9	88·2	87·7	83·0
	26	85·9	84·3	83·0	82·4	81·6	81·3	80·7	79·7	79·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	27	—	—	—	—	—	—	—	—	—	78·9	78·7	77·8	76·8	77·5	77·3	81·1	84·6	86·3	89·3	89·1	89·8	91·3	89·6	88·3	83·1
	28	87·5	84·7	83·0	81·6	81·3	80·6	80·4	79·9	79·5	78·8	78·1	77·6	77·0	76·3	76·7	81·5	86·3	88·3	89·3	90·3	89·7	89·6	88·6	88·5	83·1
	29	86·7	84·4	83·2	82·5	82·0	81·2	80·8	80·0	78·9	77·9	76·9	76·6	76·3	75·7	76·8	81·1	84·3	86·8	88·1	89·1	89·5	89·3	88·5	87·3	82·7
	30	85·6	84·0	83·0	82·3	82·2	81·8	81·6	81·1	80·8	80·0	79·3	78·8	78·3	77·1	77·6	83·3	85·3	87·1	88·3	88·5	88·3	91·3	90 0	89·5	83·5
	31	87·1	84·7	83·4	82·8	82·6	92·4	82·1	81·9	81·5	81·3	81·1	80·9	80·7	80·5	81·3	83·5	86·0	87·1	89·3	87·8	87·3	87·3	86·5	86·1	84·0
	Means	85·1	82·9	81·4	80·6	80·0	79·4	78·9	78·3	77·5	76·7	76·0	75·7	75·2	74·9	75·5	79·5	83·3	86·0	87·8	88·5	88·6	88·2	87·5	86·7	81·4
APRIL 1859											*		*													
	1	84·7	83·7	83·2	82·8	82·5	82·3	82·5	80·1	79·8	79·8	79·8	79·7	79·6	79·3	81·5	83·3	85·1	86·5	88·1	87·3	88·3	87·0	86·4	85·5	83·3
	2	85·2	83·6	82·5	82·5	82·2	82·0	81·9	81 8	81·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	3	—	—	—	—	—	—	—	—	—	81·1	80·8	80·9	80·9	81·0	81·1	79·6	83·3	86·5	87·0	86·5	87·3	87·5	84·4	84·4	83·1
	4	83·4	82·3	82·3	81·7	81·5	81·5	80·5	80·3	79·8	79·3	78·9	78·7	78·5	77·9	79·5	81·5	84·2	84·3	87·3	88·4	88·3	88·4	88·2	88·2	82·7
	5	86·7	84·6	83·7	83·4	83·3	83·1	82·8	82·3	82·2	81·5	80·8	80·6	80 3	79·5	81·0	83·8	87·5	89·5	92·3	92·1	92·4	91·1	90·8	90·2	85·2
	6	87·5	85·9	85·3	85·2	84·1	83·8	83·3	83·1	83·1	82·7	82·3	81·3	80·3	80·3	82·0	83·5	87·3	89·5	90·8	91·8	91·5	90·2	90·1	88·7	85·6
	7	86·5	85·8	84·3	84·3	83·7	83·3	83·1	82·4	82·3	81·5	80·8	80·1	79·3	79·1	80·1	86·0	87·3	88·3	89·8	90·3	90·8	91·0	90·5	90·1	85·0
	8	87·5	86·2	84·6	83·9	83·6	83·2	83·0	82·5	80·9	80·6	80·3	79·7	79 1	79·5	80·8	86·8	88·3	89·4	91·3	90·5	90·6	90·2	90·2	89·5	85·1
	9	87·4	85·7	85·1	84·4	83·3	82·9	82·6	82·3	82·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	10	—	—	—	—	—	—	—	—	—	79·9	77·8	77·6	77·4	76·6	78·7	81·8	84·5	88·6	90·5	89·3	89·4	91·4	91·1	90·1	84·2
	11	87·6	86·0	84·3	83·5	83·5	83·2	82·5	82·1	82·1	81·9	81·8	81·2	80·7	78·5	81·1	84·2	87·8	90·1	91·3	91·8	91·5	91·3	90·5	90·1	85·4
	12	88·2	86·6	85·0	84·3	83·5	83·3	83·3	82·8	82·2	81·5	80·8	80·0	79·2	79·1	80·5	85·6	88·8	91·1	91·4	92·2	92·1	91·5	90·2	89·8	85·5
	13	88·4	86·2	85·2	84·3	83·3	83·3	83·3	82·7	82·0	81·6	81·3	80·8	80·3	79 3	80·5	84·5	89·1	90·3	90·7	93·7	94·3	93·3	92·8	91·3	85·9
	14	88·5	86·3	84·6	84·5	84·2	83·7	83·0	82·7	82·3	81·5	80·8	79·7	78·6	77·8	80·5	85·4	85·5	89·1	90·3	91·8	91·8	91·7	91·2	89·3	85·2
	15	88·6	87·4	86·2	83·6	83·6	83·3	82·8	82·0	81·5	79·7	77·9	77·7	77·5	77·3	79 5	83·5	86·1	89·3	91·3	91·8	92·3	91·9	90·8	89·6	84·8
	16	89·4	86·7	85·1	84·1	83·6	83·3	83·0	81·0	80·6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	17	—	—	—	—	—	—	—	—	—	80·4	80·3	79·8	79·3	78·5	82·1	85·1	86·8	90·9	91·3	91·4	91·0	91·3	91·1	88·9	85·2
	18	88·7	87·3	85·3	85·1	84·6	83·8	83·1	82·5	82·1	81·4	80·7	80 2	79·6	79·1	81·1	85·1	87·1	88·8	91·8	92·6	93·3	92·5	91·1	89·0	85·7
	19	87·3	86·3	85·1	84·9	84·1	83·6	83·2	83·1	84·1	83·4	82·8	81·5	80·2	79·6	81·5	86·1	86·5	90·3	91·3	92·1	92·3	91·8	90·8	90·1	85·9
	20	89·3	87·2	85·3	84·7	83·3	81·7	80·3	78·2	78·3	78·2	78·1	77·5	76·8	76 3	79·5	84·4	87·3	88·7	90·4	91·1	91·3	90·5	91·1	91·3	84·2
	21	89·5	88·8	85·5	84·3	83·5	82·1	80·3	80·1	79·2	78·2	77·3	77·0	76·6	75·8	78·3	83·3	86·1	87·8	90·3	92·0	93·0	93·3	91·5	89·5	84·3
	22	87·3	86·1	84·7	84·2	82·8	82·5	82·5	81·9	81·2	80·7	80·3	80·1	79·8	80·1	83·1	84·8	85·1	86·1	81·3	80·8	84·0	84·5	84·6	84·6	83·0
	23	83·8	83·6	83·3	83·3	82·7	82·5	82·9	82·5	81·1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	24	—	—	—	—	—	—	—	—	—	81·1	81·2	80·7	80·1	79·3	80·8	83·0	86·4	86·1	85·3	84·3	84·0	80·0	79·5	79·2	82·4
	25	79·2	80·8	80·5	80·0	80·2	80·3	80·2	80·1	79·3	79·1	78·9	78·4	77·8	77·4	78·2	79·3	80·9	83·0	85·3	87·3	88·2	86·3	86·2	84·4	81·3
	26	83·0	82·2	81·2	81·2	80·7	80·3	80·2	78·6	78·3	78·1	77·9	77·8	77·7	80·0	81·9	83·8	85·3	84·3	86·5	86·6	84·8	81·3	85·6	85·3	81·8
	27	84·4	83·3	81·7	81·6	81·4	81·3	81·1	80·8	80·5	80·7	80·9	81·0	81·1	81·3	83·3	84·8	86·3	87·4	85·8	87·3	87·5	88·7	87·6	87·1	83·6
	28	85·4	84·4	83·2	82·5	82·5	82·0	81·7	81·7	81·5	81·4	81·3	80·9	80·5	80·4	81·3	83·8	85·3	86·2	87·4	87·8	88·5	87·2	88·0	86·9	83·8
	29	85·9	84·2	83·1	82·6	82·5	82·2	82·0	81·4	80·4	79·7	79·0	78·2	77·3	77 8	80·6	84·3	86·8	88·9	90·8	91·6	91·5	89·7	88·7	89·1	84·1
	Means	86·5	85·2	84·0	83·5	83·0	82·6	82·2	81·6	81·1	80·6	80·1	79·6	79·1	78·8	80·7	83·9	86·2	88·0	89·2	89 7	90·0	89·3	88·9	88·1	84·3

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

DRY THERMOMETER, STANDARD No. 7

(Corrected to the Kew Observatory Standard Thermometer)

	Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
	Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
		o	o	o	o	o	o	o	o	o	* o	o	* o	o	o	o	o	o	o	o	o	o	o	o	o	o
MAY 1859	April 30	87·7	85·2	83·6	83·4	83·2	82·5	81·9	81·7	81·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	1	—	—	—	—	—	—	—	—	—	81·3	81·7	81·3	80·9	79·7	82·4	85·9	88·1	89·9	92·2	91·9	91·3	91·1	91·3	90·0	85·4
	2	89·1	86·7	85·0	83·7	83·5	83·0	82·5	82·1	80·3	80·2	80·1	79·9	79·6	79·5	81·9	85·2	88·3	90·3	92·1	94·3	95·2	96·0	93·6	92·4	86·0
	3	90·5	87·9	85·4	83·7	84·0	83·5	83·5	83·3	83·3	82·3	81·3	80·5	79·7	79·1	81·3	85·3	89·1	91·3	93·5	95·7	98·2	96·2	93·4	91·5	86·8
	4	86·3	85·2	84·9	84·8	84·3	84·0	84·0	83·5	83·3	83·0	82·8	82·5	82·1	82·1	83·5	86·3	88·8	90·3	88·5	91·3	92·3	93·2	92·6	92·4	86·3
	5	90·3	87·7	85·7	84·9	84·7	84·3	84·2	84·1	83·7	83·1	82·5	82·4	82·3	81·5	83·8	86·3	89·3	90·3	90·6	91·1	92·0	92·5	91·4	90·1	86·6
	6	87·2	86·2	86·2	85·2	85·2	84·4	84·1	83·7	83·3	82·7	82·2	80·8	79·3	78·5	80·5	86·2	88·5	92·1	94·3	96·7	93·8	91·2	91·4	90·6	86·4
	7	90·2	87·2	85·7	84·5	83·8	84·2	83·5	83·2	82·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	8	—	—	—	—	—	—	—	—	—	82·3	82·3	82·3	82·3	82·1	84·3	87·3	90·3	93·3	95·8	97·8	99·7	95·2	93·4	92·7	87·7
	9	92·2	88·3	86·3	86·1	85·6	85·3	85·3	85·1	84·4	83·8	83·3	82·9	82·5	82·4	85·3	88·3	91·8	94·3	97·4	99·4	101·7	103·1	105·0	96·7	89·9
	10	87·7	85·9	85·6	85·4	85·3	85·7	85·5	84·7	84·5	83·9	83·3	82·8	82·3	82·1	84·1	88·3	92·8	96·2	98·8	101·7	103·0	102·4	99·6	97·6	89·6
	11	94·6	91·8	89·3	87·4	86·9	85·8	85·5	84·8	85·1	84·1	83·1	82·6	82·1	81·4	83·9	87·3	90·4	94·1	97·1	97·5	95·4	94·3	93·1	93·4	88·8
	12	91·4	87·3	86·2	85·8	85·3	85·1	84·8	84·3	84·0	83·6	83·3	82·9	82·4	82·6	84·3	88·3	91·5	93·5	95·5	93·8	93·3	93·5	92·7	92·4	87·8
	13	90·1	87·1	85·8	85·6	85·1	85·3	85·0	84·8	84·3	83·8	83·4	83·0	82·5	82·3	84·5	87·5	90·8	91·5	91·6	91·8	92·8	92·8	92·3	92·0	87·3
	14	90·7	88·9	86·7	85·5	85·3	85·1	84·3	84·3	84·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	15	—	—	—	—	—	—	—	—	—	82·6	81·1	80·7	80·2	79·5	82·5	86·0	89·5	90·5	91·9	92·3	93·5	94·0	94·1	92·4	86·9
	16	90·4	87·4	87·3	86·1	84·9	84·5	84·3	84·1	83·7	83·0	82·3	81·9	81·5	81·3	84·1	86·8	89·6	91·3	91·5	92·3	91·8	92·0	92·0	91·2	86·9
	17	90·1	88·3	85·5	85·3	84·9	84·1	83·7	82·9	82·3	82·3	82·3	81·8	81·3	81·1	84·3	86·5	88·1	91·0	90·8	91·9	92·5	91·5	91·5	91·5	86·5
	18	90·5	86·8	85·5	84·9	83·5	83·3	83·3	82·5	82·8	83·0	83·3	82·5	81·7	82·0	84·8	88·0	90·5	92·0	93·3	92·8	92·1	92·3	91·5	90·7	86·8
	19	89·5	89·0	85·7	84·7	84·3	84·3	83·6	84·1	82·1	81·8	81·5	81·3	81·1	80·5	83·3	86·8	89·8	92·3	93·0	93·5	93·6	93·3	92·6	92·4	86·8
	20	91·3	87·7	86·5	85·5	84·9	84·8	84·5	84·1	83·6	83·1	82·6	82·5	82·3	81·3	84·3	88·6	91·8	94·7	97·2	99·2	101·9	95·2	93·1	92·3	88·5
	21	91·3	89·3	87·5	86·8	86·3	85·9	85·7	85·0	84·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	22	—	—	—	—	—	—	—	—	—	82·5	80·3	80·4	80·5	80·5	82·1	85·1	87·3	90·3	92·3	92·0	91·0	90·3	90·8	87·7	86·5
	23	88·2	86·1	84·6	84·5	84·5	84·2	84·1	83·8	82·9	82·5	82·1	81·8	81·4	81·4	83·3	86·8	89·3	92·3	94·3	92·8	92·3	93·0	93·1	93·2	86·8
	24	92·5	90·2	86·5	86·9	86·9	85·8	85·3	84·7	84·0	82·9	81·9	81·6	81·3	80·5	83·5	85·9	84·8	86·9	91·1	92·2	89·5	90·3	92·9	91·7	86·7
	25	89·2	86·6	85·2	84·1	84·0	83·3	83·3	83·0	82·8	82·5	82·3	82·2	82·1	82·2	85·5	88·1	91·2	94·3	95·7	95·2	94·8	93·5	92·0	90·4	87·2
	26	90·4	88·5	85·5	85·4	85·0	84·5	84·2	83·4	82·5	82·6	82·8	82·6	82·3	81·7	84·5	87·3	89·3	91·6	92·8	93·3	92·9	93·3	92·3	91·5	87·1
	27	91·5	87·1	85·6	85·4	84·7	84·8	84·8	84·4	84·3	83·5	82·8	82·6	82·3	82·3	84·3	87·1	90·1	91·9	93·3	92·4	92·4	91·8	91·8	91·5	87·2
	28	89·1	87·8	87·3	87·2	86·3	85·3	84·7	84·4	83·9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	29	—	—	—	—	—	—	—	—	—	82·8	81·8	81·7	81·5	81·5	85·0	88·6	92·3	95·5	98·2	100·7	98·4	98·7	96·5	94·1	88·9
	30	92·5	90·1	88·2	87·6	88·0	86·5	85·5	85·3	84·9	83·7	82·5	82·3	82·1	82·3	85·5	89·6	91·5	94·3	96·9	99·4	99·0	96·7	95·5	94·7	89·4
	31	94·3	90·8	89·0	88·1	87·2	87·0	85·9	85·9	86·0	85·1	84·3	83·9	83·4	82·4	86·4	89·3	92·1	95·4	97·7	100·2	97·9	96·5	95·4	94·3	89·9
	Means	90·3	87·8	86·2	85·5	85·1	84·7	84·3	84·0	83·5	82·9	82·3	82·0	81·6	81·3	83·8	83·4	89·9	92·3	94·0	94·9	94·9	94·2	93·5	92·3	87·4
JUNE 1859	1	93·1	90·0	88·0	87·4	86·7	85·8	85·8	85·8	85·5	* 85·3	85·1	* 84·5	83·8	83·7	86·7	90·5	93·3	96·0	98·2	100·0	98·6	98·4	95·8	94·5	90·1
	2	92·0	91·1	90·2	89·0	88·4	87·7	87·3	87·3	87·2	87·0	86·8	86·1	85·3	84·3	85·8	88·3	89·8	91·1	92·8	94·3	96·2	98·7	99·4	99·8	90·2
	3	90·3	88·7	86·9	86·3	85·9	85·7	85·5	85·3	84·8	84·5	84·3	84·2	84·0	83·3	85·3	88·8	92·5	93·4	95·2	95·5	99·4	94·5	95·6	94·3	88·9
	4	91·3	88·7	87·3	87·2	86·5	86·5	86·5	86·2	85·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	5	—	—	—	—	—	—	—	—	—	83·4	81·1	80·8	80·5	80·5	81·5	86·1	88·4	91·5	92·5	94·5	96·7	96·5	97·5	98·0	88·1
	6	91·6	89·0	86·4	85·9	85·7	85·5	85·5	84·6	83·7	83·3	83·0	82·3	81·5	81·8	83·4	85·5	88·3	91·1	92·8	95·0	96·4	98·2	99·1	94·5	88·1
	7	93·3	90·4	88·7	87·4	86·6	86·5	86·3	85·3	85·3	83·4	81·5	81·4	81·3	81·4	84·1	84·5	88·8	92·0	93·6	94·8	95·4	95·5	93·1	91·3	88·0
	8	89·3	86·5	85·3	84·8	84·4	84·8	84·3	83·8	83·5	82·8	82·1	81·9	81·6	81·3	85·3	86·1	89·5	91·3	90·4	91·3	91·8	91·6	91·4	89·5	86·4
	9	87·9	86·5	86·2	85·5	85·3	85·1	84·5	84·2	84·1	81·7	79·3	79·3	79·2	79·8	80·8	82·1	82·5	85·3	88·3	91·0	92·3	93·3	93·4	90·1	85·3
	10	87·5	85·8	84·3	83·6	83·5	83·5	83·3	83·3	83·3	82·9	82·6	81·4	80·2	80·2	81·5	82·2	86·5	88·6	89·6	91·7	92·5	92·8	91·6	89·0	85·5
	11	88·3	86·9	84·8	82·6	82·3	80·9	80·6	80·3	79·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	12	—	—	—	—	—	—	—	—	—	79·3	78·8	78·8	78·8	78·5	82·1	83·6	87·1	89·3	91·4	93·0	92·6	94·1	91·5	90·2	84·8
	13	89·9	88·9	87·5	87·3	85·8	85·5	85·8	85·3	84·3	83·1	82·0	81·4	80·8	80·5	81·2	83·5	85·5	89·1	89·2	90·8	93·0	93·8	92·4	90·9	86·6
	14	88·9	87·8	87·3	87·2	86·3	85·8	85·3	84·5	83·5	82·4	81·3	80·3	79·3	79·1	81·1	84·3	87·5	90·4	91·3	93·3	94·3	94·3	95·3	96·3	87·0
	15	94·7	90·7	89·3	89·0	88·5	86·6	85·3	85·1	84·8	83·6	82·5	82·0	81·5	81·3	81·5	85·3	88·5	91·3	93·5	94·3	95·4	96·7	96·3	95·5	88·5
	16	94·7	93·0	86·2	85·7	83·8	81·9	81·8	81·1	80·8	80·1	79·5	79·5	79·4	80·1	80·8	85·3	88·3	89·5	91·8	93·3	95·7	96·4	98·0	99·0	86·9
	17	96·5	90·3	87·0	86·7	86·1	85·2	85·3	83·8	83·1	82·9	82·7	82·5	82·3	82·1	83·5	85·5	88·1	91·0	92·9	95·1	96·7	99·2	99·5	99·0	88·6
	18	87·7	87·8	86·7	86·3	84·5	84·7	84·5	83·5	81·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	19	—	—	—	—	—	—	—	—	—	80·4	79·5	78·9	78·3	78·2	78·6	82·1	85·6	89·3	91·3	94·3	96·6	98·4	97·3	92·4	86·2
	20	90·9	86·0	83·1	83·3	83·1	83·1	81·9	81·3	80·7	79·5	78·4	78·3	78·2	78·1	80·5	84·3	87·4	89·3	91·4	93·8	95·3	97·5	90·2	89·2	85·2
	21	82·4	81·9	83·1	82·5	80·4	80·7	80·8	80·9	80·2	79·9	79·6	79·1	78·5	77·6	78·8	81·3	85·3	88·3	90·3	91·3	92·3	93·3	94·1	93·8	84·0
	22	88·7	86·1	84·3	83·5	83·1	82·6	82·4	82·0	81·7	80·4	79·2	79·4	79·5	79·3	80·3	83·1	86·3	88·8	90·5	92·4	94·0	94·8	93·3	90·2	85·2
	23	89·1	87·2	84·2	83·8	83·5	83·2	82·3	82·0	81·9	81·2	80·5	80·0	79·5	78·0	81·1	84·5	88·1	90·5	91·5	94·7	97·1	98·2	93·4	92·0	86·1
	24	90·9	89·7	85·6	84·5	84·1	83·3	83·5	82·3	83·1	82·2	81·3	80·9	80·5	79·7	82·3	86·8	90·1	92·1	94·8	96·2	97·8	93·3	93·1	92·4	87·1
	25	90·5	88·5	85·6	85·1	84·2	84·0	82·9	81·8	81·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	26	—	—	—	—	—	—	—	—	—	81·6	81·7	81·6	81·4	81·1	81·8	85·8	88·2	91·3	92·5	96·2	98·6	99·7	93·0	90·6	87·0
	27	90·2	86·8	84·6	83·5	83·4	83·3	83·1	82·1	81·3	80·5	79·8	80·1	80·3	80·5	81·5	84·8	89·3	92·5	92·4	95·2	96·4	98·8	95·3	92·7	86·6
	28	89·7	88·1	85·5	84·5	83·8	83·4	82·8	82·7	82·6	82·2	81·9	81·6	81·2	80·4	83·3	87·1	90·3	93·3	95·2	95·9	95·2	95·4	94·3	94·2	87·3
	29	92·5	88·7	86·6	86·1	85·6	85·3	84·5	84·2	83·3	82·9	82·5	82·0	81·5	80·8	84·0	88·6	92·3	93·6	95·2	95·1	94·6	94·5	94·3	94·3	88·0
	30	91·6	88·0	86·4	85·6	85·0	84·9	84·8	84·3	83·7	83·1	82·5	82·0	81·5	80·5	83·0	86·4	86·9	87·1	90·5	90·8	91·2	91·3	89·5	88·6	86·2
	Means	90·5	88·2	86·2	85·5	84·9	84·4	84·1	83·6	83·1	82·3	81·5	81·2	80·8	80·5	82·3	85·2	88·2	90·7	92·3	94·0	95·2	95·7	94·5	93·2	87·0

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

DRY THERMOMETER, STANDARD No. 7

(Corrected to the Kew Observatory Standard Thermometer)

	Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
	Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
JULY 1859		o	o	o	o	o	o	o	o	o	o *	o	o *	o	o	o	o	o	o	o	o	o	o	o	o	o
	1	87·7	85·8	84·4	83·7	83·3	83·3	83·1	82·3	81·8	81·2	80·6	80·2	79·8	80·0	80·2	82·5	86·3	86·6	90·3	91·8	93·9	94·0	91·4	89·6	85·2
	2	89·2	87·2	85·6	84·8	84·4	84·1	83·5	83·3	83·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	3	—	—	—	—	—	—	—	—	—	82·4	81·8	81·5	81·1	80·5	82·8	86·3	87·5	91·9	92·3	94·1	94·1	92·6	91·2	91·4	86·5
	4	91·2	90·3	85·8	85·2	84·3	84·1	83·5	83·2	82·9	82·0	81·2	80·8	80·3	79·5	82·5	87·1	89·5	92·3	93·2	93·4	93·8	92·0	92·2	92·3	86·8
	5	90·9	89·4	86·4	85·5	85·1	84·4	84·3	84·2	83·5	82·5	81·5	81·3	81·0	80·3	83·3	86·3	89·3	92·3	92·3	92·8	93·0	92·9	91·6	90·5	86·9
	6	89·5	88·7	85·9	84·5	84·0	83·8	83·3	82·5	82·3	82·0	81·7	81·0	80·2	80·4	84·3	86·5	91·1	92·5	93·1	93·3	93·8	93·3	91·1	91·2	86·7
	7	90·7	88·2	85·7	85·2	84·3	84·2	84·1	83·5	83·3	82·6	82·0	81·6	81·1	80·5	85·5	88·5	91·3	93·1	95·7	94·5	94·7	95·2	94·4	93·8	87·7
	8	91·5	88·8	87·1	86·1	85·3	85·3	84·8	84·2	83·9	83·5	83·2	82·8	82·3	81·8	83·3	86·8	88·8	91·3	93·3	93·8	93·6	94·3	93·3	92·6	87·6
	9	91·7	91·2	87·5	86·2	86·1	85·3	85·3	84·4	83·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	10	—	—	—	—	—	—	—	—	—	82·2	81·1	80·7	80·2	80·2	82·8	86·5	89·5	90·8	92·0	92·3	91·5	90·8	89·8	90·5	86·7
	11	90·2	89·1	87·3	87·1	87·0	84·9	83·3	83·3	82·3	81·8	81·3	79·7	78·1	77·8	78·5	77·3	77·5	77·3	76·7	79·4	81·5	85·1	82·5	82·4	82·1
	12	80·8	80·7	79·5	79·3	77·3	75·6	77·0	76·9	76·3	76·2	76·1	75·7	75·2	75·8	76·3	75·8	76·1	79·3	81·3	82·3	81·3	82·8	85·3	86·1	78·7
	13	82·4	81·9	81·3	81·3	80·4	80·3	80·1	80·1	79·3	79·2	79·1	78·7	78·3	77·3	79·0	81·3	84·8	87·8	88·8	89·5	87·3	88·3	86·3	87·5	82·5
	14	88·2	86·0	83·4	82·3	77·8	77·3	77·5	76·9	77·1	76·8	76·5	76·7	76·9	77·5	79·5	82·1	84·3	87·2	89·3	90·4	91·3	92·3	92·5	88·6	82·8
	15	87·7	85·5	84·3	83·3	82·5	79·8	78·5	80·2	80·1	80·1	80·2	79·7	79·2	78·5	79·0	81·1	82·6	83·8	85·3	87·1	88·8	88·3	87·1	86·8	82·9
	16	86·5	85·3	85·7	83·5	83·3	78·0	77·3	77·3	77·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	17	—	—	—	—	—	—	—	—	—	77·5	78·1	77·8	77·5	77·5	78·3	78·6	79·3	81·1	81·3	81·8	82·5	82·9	82·7	82·7	80·5
	18	82·0	81·1	80·2	79·1	78·2	78·0	78·2	78·2	77·8	77·4	77·1	77·1	77·0	76·5	76·8	77·5	78·1	82·3	84·8	87·3	88·5	87·7	87·7	86·7	80·6
	19	85·7	83·5	83·0	81·7	81·2	80·8	80·7	80·8	80·5	79·9	79·4	78·4	77·4	77·3	78·1	80·3	83·3	85·3	86·8	89·3	91·3	91·1	91·0	91·2	83·2
	20	89·2	87·0	85·0	83·7	83·5	83·2	82·5	81·3	80·1	79·4	78·7	78·5	78·3	78·3	79·2	80·5	81·7	84·1	85·5	84·8	89·3	88·5	87·3	87·1	83·2
	21	86·3	84·9	83·5	83·2	83·0	82·3	81·7	80·6	80·6	79·9	79·3	79·1	78·8	77·8	78·3	79·2	80·6	83·1	86·3	86·8	88·3	89·7	90·2	89·4	83·0
	22	88·5	78·5	78·1	78·1	78·0	77·5	77·3	77·7	77·8	77·6	77·5	77·4	77·2	76·6	78·1	81·8	84·5	88·1	89·3	89·3	89·7	89·9	90·3	91·7	82·1
	23	89·5	88·1	84·6	82·1	82·0	82·5	82·3	81·9	81·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	24	—	—	—	—	—	—	—	—	—	80·8	80·5	80·2	79·8	79·5	79·5	81·1	85·0	88·4	90·9	90·3	92·3	93·5	92·5	92·2	85·0
	25	92·0	90·1	86·2	85·8	84·4	83·5	83·5	83·0	82·9	82·1	81·3	81·2	81·0	80·4	81·5	83·0	86·3	87·5	90·1	91·6	94·6	95·9	94·2	92·5	86·4
	26	92·3	90·1	88·7	86·5	85·6	85·5	84·5	83·7	83·1	82·5	82·0	81·6	81·1	79·5	81·3	85·3	87·3	90·4	92·3	93·3	95·0	96·2	97·0	96·5	87·6
	27	95·6	93·0	90·9	88·8	87·3	86·8	85·6	85·2	84·5	83·4	82·3	81·9	81·5	81·1	81·5	83·3	87·0	88·3	92·3	91·6	95·1	94·9	96·0	94·3	88·0
	28	92·5	92·4	91·1	90·2	88·5	87·3	87·0	86·3	85·2	84·7	84·2	83·0	81·8	81·3	81·5	84·3	87·8	88·9	91·3	92·3	93·4	96·8	95·8	95·2	88·4
	29	95·0	92·7	90·9	86·3	85·3	83·5	83·3	82·9	82·1	81·7	81·3	81·1	80·8	80·8	82·9	85·1	86·8	88·6	90·3	92·8	93·3	95·9	96·9	97·3	87·4
	30	90·3	88·0	86·1	85·2	84·5	84·5	82·7	81·3	81·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	31	—	—	—	—	—	—	—	—	—	81·2	81·3	81·2	81·0	80·8	81·3	83·3	85·6	88·5	91·1	93·0	93·5	94·5	91·5	91·4	86·0
	Means	89·1	87·2	85·2	84·2	83·3	82·5	82·1	81·7	81·3	80·8	80·4	80·0	79·5	79·2	80·6	82·7	85·1	87·3	89·1	90·0	91·0	91·5	90·8	90·4	84·8
AUGUST 1859																										
	1	90·4	88·2	85·7	85·3	83·5	83·3	83·3	83·1	82·3	82·0 *	81·8	81·3 *	80·8	80·1	81·4	83·3	85·3	88·4	89·5	90·5	92·1	90·5	91·9	92·1	85·7
	2	89·4	88·7	86·6	84·7	84·1	84·1	83·7	83·2	82·8	82·4	82·1	81·7	81·3	81·3	82·3	87·3	89·4	88·6	80·5	82·4	87·8	89·3	89·4	89·8	85·1
	3	88·3	86·3	85·1	84·3	83·2	82·5	82·3	81·6	80·3	78·8	77·3	76·8	76·3	76·3	76·5	77·3	78·0	79·5	81·6	83·0	85·6	88·6	88·2	89·4	82·0
	4	88·4	84·2	83·5	83·0	81·9	81·8	81·3	81·3	80·8	80·4	80·1	79·8	79·5	79·2	79·6	79·1	78·6	79·3	81·3	84·1	87·3	88·1	90·5	89·4	82·6
	5	89·3	88·2	85·5	84·3	83·1	82·3	81·7	80·8	80·8	80·5	80·2	79·3	78·4	78·7	81·1	84·1	86·8	89·0	91·8	92·2	90·9	90·3	90·6	89·7	85·0
	6	88·7	86·7	84·5	84·0	83·1	83·0	82·7	82·3	82·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	7	—	—	—	—	—	—	—	—	—	80·7	79·5	79·3	79·1	78·4	81·3	84·0	86·5	88·3	88·4	88·6	90·3	90·0	89·3	88·6	84·6
	8	88·0	87·3	83·6	82·9	82·4	81·9	81·5	80·8	80·5	80·0	79·5	79·2	78·9	78·7	79·5	82·8	85·6	87·3	90·3	88·5	89·8	89·5	89·4	87·7	84·0
	9	85·9	85·2	83·5	82·6	82·4	83·3	82·3	81·9	81·3	81·0	80·7	79·9	79·1	79·3	80·3	84·0	85·3	88·6	91·5	93·8	95·1	91·8	91·7	90·5	85·0
	10	89·7	87·2	85·4	84·6	84·1	83·8	83·5	83·2	82·8	81·7	80·7	80·1	79·5	79·3	81·1	83·5	82·3	83·3	84·1	84·5	85·5	86·5	88·3	88·8	83·9
	11	88·9	85·1	83·5	82·6	82·4	82·3	82·3	81·8	80·7	80·7	80·8	80·5	80·1	78·6	80·6	83·5	85·1	88·5	91·1	91·1	91·3	91·5	91·2	91·5	84·8
	12	88·7	86·4	85·0	84·4	84·3	83·0	81·5	80·6	79·5	79·3	79·1	78·3	77·5	77·5	78·5	81·3	83·5	85·5	88·5	90·0	88·3	88·8	88·6	86·8	83·5
	13	86·3	84·8	83·5	81·5	80·3	79·5	79·1	79·1	78·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	14	—	—	—	—	—	—	—	—	—	78·7	78·8	78·3	77·7	77·0	79·1	81·2	84·3	87·4	90·3	91·5	90·8	89·5	89·4	87·6	83·1
	15	85·6	83·0	83·5	80·0	79·6	80·0	79·5	79·1	78·3	78·0	77·8	77·6	77·3	77·3	80·1	83·3	85·5	87·5	89·5	90·5	91·5	86·1	91·5	89·3	83·0
	16	88·0	87·3	84·8	82·1	79·0	78·7	79·3	79·3	79·3	79·1	79·0	78·3	77·6	77·3	79·3	81·3	84·5	86·5	89·8	89·1	90·5	89·8	86·5	89·6	83·2
	17	89·5	86·2	84·0	82·3	82·2	82·5	82·3	81·8	80·3	80·2	80·1	80·0	79·9	79·7	80·3	81·3	82·5	86·3	88·3	91·3	91·6	90·6	89·9	80·4	83·9
	18	78·1	79·7	80·0	79·6	79·6	79·5	80·3	81·1	80·1	79·9	79·8	79·5	79·1	78·3	78·3	78·8	79·8	80·8	82·3	84·5	85·3	86·2	85·9	85·5	80·9
	19	85·1	83·6	82·5	81·9	81·3	80·7	80·5	80·3	80·1	79·8	79·5	79·4	79·3	79·3	79·8	80·3	79·9	79·3	78·6	78·7	78·4	78·5	78·8	79·5	80·2
	20	79·5	79·5	78·4	78·3	78·1	78·3	78·1	78·0	77·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	21	—	—	—	—	—	—	—	—	—	78·6	79·5	78·9	78·3	78·2	79·6	82·5	84·3	84·3	86·5	88·6	88·5	89·7	85·3	85·3	81·4
	22	84·3	83·7	83·3	82·9	81·8	82·1	81·1	80·3	79·8	79·5	79·3	79·3	79·3	79·1	79·8	80·3	82·3	85·3	86·1	87·9	88·8	89·3	89·6	90·2	83·1
	23	90·1	88·3	84·5	84·4	83·5	82·5	83·3	83·0	82·3	81·8	81·3	80·6	79·8	79·3	79·1	81·3	82·8	85·0	87·8	88·9	91·3	89·3	89·5	91·2	84·6
	24	88·3	85·3	85·3	84·3	84·1	83·6	82·9	82·3	81·1	80·8	80·5	80·4	80·3	80·1	80·2	81·3	92·4	84·3	87·8	89·3	91·8	92·6	92·4	91·5	84·7
	25	89·8	88·4	87·5	87·3	84·1	82·8	83·1	82·1	81·3	80·7	80·2	80·0	79·8	79·5	79·8	81·5	86·4	87·3	88·8	91·3	91·3	93·2	92·3	92·1	85·4
	26	87·1	85·7	84·3	84·3	82·3	82·8	82·4	81·7	81·7	81·5	81·3	80·7	80·0	79·1	79·5	82·3	85·3	88·3	90·1	92·4	93·3	94·3	95·7	95·2	85·5
	27	90·3	87·1	85·2	85·1	84·5	83·6	82·8	82·5	82·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	28	—	—	—	—	—	—	—	—	—	81·6	81·0	80·7	80·4	80·7	80·5	82·3	83·5	85·8	88·3	91·3	93·3	94·5	95·4	95·1	85·7
	29	88·5	87·3	85·4	84·5	84·2	84·1	82·3	81·5	79·7	80·0	80·3	80·1	79·9	79·6	80·7	82·3	84·5	86·3	88·3	91·3	93·8	91·2	91·7	91·7	85·0
	30	90·4	88·6	85·3	84·4	81·7	81·0	80·6	79·5	80·5	80·3	80·1	79·8	79·5	79·3	80·1	83·3	85·5	86·8	89·5	90·7	92·6	95·2	93·3	92·5	85·0
	31	88·1	82·5	82·3	81·1	79·9	80·3	79·3	79·3	79·1	79·3	79·6	79·9	80·2	79·1	79·3	80·5	82·6	85·3	88·3	89·0	89·2	88·8	88·1	88·3	82·9
	Means	87·6	85·7	84·1	83·2	82·2	82·0	81·6	81·2	80·6	80·3	80·0	79·6	79·2	78·9	79·9	82·0	83·8	85·7	87·4	88·7	89·9	89·8	89·8	89·2	83·8

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

DRY THERMOMETER, STANDARD No. 7

(Corrected to the Kew Observatory Standard Thermometer)

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	o	o	o	o	o	o	o	o	o	* o	o	* o	o	o	o	o	o	o	o	o	o	o	o	o	o
1	85·7	83·6	83·2	82·9	82·5	82·1	80·5	80·2	79·5	79·2	79·0	78·8	78·5	78·3	79·4	81·5	84·1	85·3	89·3	91·1	92·5	94·3	94·7	89·5	84·0
2	87·6	86·2	84·5	84·4	84·1	81·3	80·6	80·0	79·8	79·7	79·7	79·3	78·8	78·6	80·6	82·6	85·9	89·1	90·5	91·5	94·1	94·3	95·3	95·2	85·2
3	94·4	89·1	87·2	86·4	86·0	84·5	84·1	78·3	77·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	79·5	81·3	80·7	80·0	79·5	81·1	83·8	86·6	88·8	91·2	92·5	95·7	96·4	96·7	91·5	86·4
5	87·7	85·5	83·9	83·2	82·0	81·3	81·5	81·1	80·6	80·5	80·4	80·4	80·3	80·3	80·3	82·3	84·5	87·9	91·2	93·3	95·1	94·7	91·6	89·5	85·0
6	88·4	86·7	85·2	84·7	83·9	83·3	83·3	83·1	82·7	82·5	82·3	82·0	81·6	81·7	82·1	85·3	88·1	89·3	91·8	94·2	95·3	98·2	93·0	91·9	86·6
7	89·3	87·0	85·5	85·2	84·7	84·5	83·5	83·3	82·1	81·7	81·3	81·0	80·7	80·4	82·0	85·5	88·3	90·5	92·5	94·3	95·5	97·1	95·2	93·1	86·8
8	88·7	86·7	85·7	82·7	82·3	83·3	82·3	81·8	81·6	81·4	81·3	81·1	80·8	80·5	81·3	85·5	88·3	90·5	91·3	94·3	92·3	92·3	93·3	91·4	85·9
9	89·0	86·7	85·4	85·1	84·2	83·8	83·5	83·3	82·6	82·2	81·8	81·7	81·5	81·1	82·0	86·6	89·3	91·9	93·2	95·4	95·2	93·9	90·6	89·3	86·6
10	88·5	86·7	85·3	85·0	84·2	84·1	83·5	83·1	81·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	81·3	80·8	80·9	80·9	81·0	82·1	84·5	86·8	87·1	87·6	88·3	88·3	88·3	87·2	87·6	84·8
12	86·7	84·7	83·9	83·5	82·5	81·3	81·2	80·8	81·5	81·1	80·7	79·8	78·8	78·4	79·3	82·3	85·1	87·8	90·5	92·8	95·4	90·6	90·3	89·5	84·5
13	87·7	86·2	85·0	84·6	83·1	82·8	82·3	81·5	81·5	81·2	80·9	79·9	78·8	78·4	79·0	81·5	84·3	87·1	90·3	91·3	94·3	96·2	93·8	91·6	85·1
14	79·7	77·7	79·5	79·3	80·6	80·3	78·3	76·8	76·8	76·7	76·6	75·7	74·8	75·9	75·6	76·3	81·3	85·8	86·5	88·8	90·5	92·1	90·2	88·1	81·0
15	86·7	84·3	81·3	77·3	75·3	77·6	77·3	77·3	77·3	77·3	77·3	76·9	76·5	75·7	77·1	79·0	81·5	84·5	87·5	90·1	91·3	93·3	89·2	89·5	81·7
16	79·7	82·5	82·3	82·3	82·1	81·5	82·0	81·7	79·3	79·4	79·6	79·5	79·3	79·3	80·0	82·5	85·3	87·1	88·8	89·8	92·5	93·3	92·3	91·2	83·9
17	89·7	86·7	85·9	85·3	83·3	82·4	82·0	81·6	81·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	80·4	79·5	79·4	79·3	79·2	80·3	83·3	85·3	87·5	90·3	90·7	90·3	90·3	90·9	89·6	84·8
19	87·2	85·2	84·3	83·5	83·4	83·0	82·8	82·3	81·3	80·3	79·3	78·4	77·5	76·9	77·8	80·8	84·6	86·5	88·3	90·3	93·3	93·5	94·9	88·4	84·3
20	86·7	84·9	83·7	83·3	83·1	83·0	81·8	81·5	81·3	81·2	81·1	81·1	81·1	80·0	81·3	83·1	86·5	88·1	88·9	88·6	88·8	89·3	89·2	88·6	84·4
21	86·6	84·7	83·3	82·5	82·4	81·3	80·5	80·2	79·3	78·8	78·4	78·1	77·8	77·3	79·3	83·3	86·3	86·3	89·5	89·8	89·8	89·7	89·3	88·3	83·5
22	87·3	85·1	83·5	82·8	82·3	82·1	80·8	80·6	80·2	79·7	79·3	79·0	78·6	78·3	80·2	83·3	85·5	86·3	88·6	89·3	89·2	89·3	89·3	88·3	83·7
23	87·7	84·7	84·1	83·5	83·1	82·3	82·5	82·0	81·5	80·5	79·6	79·5	79·3	79·1	80·3	82·2	84·5	87·1	87·3	89·3	88·6	90·1	89·5	88·3	84·0
24	86·6	84·4	83·5	83·2	82·6	81·5	80·8	80·5	80·1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	80·8	81·5	80·8	80·0	79·3	80·1	78·7	80·2	84·6	87·2	86·2	86·5	87·0	87·4	86·4	82·9
26	85·7	85·3	84·3	82·3	81·8	81·0	80·6	79·8	79·6	79·1	78·6	78·4	78·1	78·3	79·3	79·9	81·3	81·3	80·8	77·8	78·7	79·6	81·2	82·1	80·6
27	82·8	81·1	80·4	79·4	78·8	78·3	78·0	77·4	77·3	77·0	76·7	76·6	76·5	76·3	76·3	76·4	76·5	76·3	74·5	75·0	76·3	77·8	78·5	79·7	77·7
28	78·7	78·3	77·8	78·0	77·3	77·1	77·0	76·7	76·3	76·3	76·3	76·3	76·3	75·8	75·6	75·3	75·5	75·8	76·4	77·3	78·3	79·1	79·4	79·1	77·1
29	77·9	76·5	76·7	76·3	75·3	75·1	75·3	75·3	75·5	75·3	75·2	74·8	74·3	74·7	75·5	78·5	80·1	83·3	84·5	85·1	84·9	83·5	83·4	83·4	78·4
30	82·6	80·4	79·5	79·1	78·3	78·5	78·5	78·2	78·2	77·6	77·0	77·0	77·0	76·3	76·6	78·5	79·5	81·5	84·0	86·1	87·5	88·7	89·2	86·5	80·7
Means	86·1	84·3	83·3	82·5	81·9	81·4	80·9	80·3	79·9	79·6	79·4	79·1	78·7	78·5	79·4	81·6	84·0	86·0	87·8	89·0	90·0	90·5	89·8	88·4	83·4
1	83·7	81·2	79·8	78·9	78·3	78·1	77·8	77·7	77·1	* —	—	* —	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	77·7	78·3	77·9	77·4	77·3	78·0	79·4	82·1	86·2	87·5	88·8	89·3	89·9	90·5	89·5	81·8
3	88·7	84·7	84·2	83·4	83·3	82·8	82·3	82·1	81·3	80·1	79·0	78·3	77·5	77·5	79·3	82·2	84·3	87·1	88·5	90·1	91·6	93·3	89·1	88·4	84·1
4	86·3	84·6	78·8	79·0	79·4	78·5	78·3	78·3	78·3	78·3	78·3	78·2	78·6	79·5	81·3	83·5	85·8	86·8	88·3	89·3	89·9	91·7	86·8		82·3
5	85·9	82·9	82·4	82·2	80·1	79·8	79·6	79·2	78·6	78·4	78·3	78·3	78·3	78·3	78·8	79·5	83·6	86·3	86·5	88·1	89·5	91·4	91·4	88·5	82·7
6	86·3	79·7	80·5	82·1	81·5	80·1	79·5	79·2	79·2	78·2	77·3	77·1	76·8	76·9	78·3	80·8	84·1	85·5	87·5	89·0	90·5	92·1	92·2	89·5	82·7
7	87·7	86·2	84·2	83·5	83·4	83·0	82·7	81·7	80·5	80·0	79·5	79·3	79·0	78·5	79·9	81·8	84·1	86·3	89·1	91·1	92·3	93·0	93·1	92·3	84·7
8	89·7	86·3	84·7	83·4	82·6	82·0	81·0	80·7	79·6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	79·0	78·5	78·2	77·8	77·3	78·5	81·1	82·3	84·3	88·3	88·8	89·5	91·3	79·5	83·4	82·8
10	83·1	82·3	81·3	80·9	80·3	79·3	78·9	78·5	77·9	77·3	76·8	76·4	76·0	76·2	77·3	80·2	82·3	84·2	86·3	88·3	90·1	90·5	84·2	86·4	81·5
11	85·4	84·2	82·3	81·5	81·3	81·3	80·5	79·8	79·3	78·6	77·9	77·6	77·3	76·3	77·5	80·5	83·2	85·1	87·0	88·3	90·1	90·9	89·5	89·1	82·7
12	86·9	85·0	83·7	81·7	80·3	79·3	79·1	78·3	77·8	77·5	77·3	77·3	77·3	77·3	78·4	80·6	84·3	86·2	87·8	89·3	90·1	89·3	87·5	78·5	82·1
13	79·9	80·2	80·6	80·5	80·1	80·0	79·9	79·3	79·0	78·6	78·3	77·7	77·1	77·1	77·3	76·5	78·3	81·3	84·2	87·3	87·9	88·3	87·6	87·5	81·0
14	86·3	83·2	82·2	80·5	79·6	78·5	78·3	77·7	77·1	77·2	77·3	77·2	77·1	76·5	77·9	79·5	82·1	85·4	88·2	89·2	90·3	89·3	78·1	80·3	81·2
15	81·3	81·0	81·6	81·3	80·3	79·3	78·5	78·3	77·6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	78·4	79·3	78·7	78·0	77·3	78·5	82·3	84·4	87·6	89·1	90·3	91·3	91·3	90·3	89·4	82·7
17	88·1	85·5	84·0	81·3	80·5	79·3	78·8	79·3	78·3	77·0	75·8	75·6	75·3	75·1	77·5	80·8	83·3	86·3	88·3	89·3	90·3	90·6	90·2	88·3	82·4
18	86·6	84·7	82·5	82·1	79·5	78·3	78·3	77·5	76·7	76·6	76·5	76·3	76·0	74·5	76·3	81·2	83·3	85·8	87·8	89·6	90·3	91·6	90·0	89·2	82·1
19	87·0	85·4	84·1	83·1	80·5	78·3	78·1	77·8	77·1	76·2	75·3	75·3	75·3	75·2	76·1	80·1	83·2	85·9	88·9	89·6	89·4	88·3	87·8	88·3	81·9
20	87·0	85·2	82·7	81·4	80·6	79·9	78·3	77·6	76·6	76·4	76·2	75·8	75·3	74·4	76·5	80·1	82·8	86·5	89·1	89·1	89·7	89·9	87·7	86·9	81·9
21	85·5	83·4	82·3	81·1	79·5	78·5	77·6	77·3	76·6	77·0	77·4	77·4	77·4	77·3	77·7	81·0	84·8	86·9	88·2	89·1	89·2	89·6	88·5	88·7	82·2
22	85·4	83·3	82·5	81·5	81·4	80·2	78·8	78·7	77·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	75·4	73·6	73·0	72·4	72·4	74·6	79·3	82·5	85·1	87·1	87·5	87·7	88·3	86·5	86·1	80·9
24	85·0	82·4	81·4	80·4	79·8	79·1	78·3	77·3	75·5	74·3	73·2	72·8	72·4	71·5	73·6	77·8	80·8	83·3	84·5	85·6	85·8	86·5	86·3	84·8	79·7
25	83·3	82·3	81·3	80·5	79·3	77·8	76·8	76·1	75·1	75·2	75·3	75·3	75·3	75·2	75·4	78·3	81·8	83·8	84·9	86·3	86·0	85·9	85·5	84·4	80·0
26	83·4	82·6	82·3	82·0	82·0	81·9	81·3	81·3	80·3	80·4	80·5	79·2	77·8	77·3	77·8	78·3	81·1	84·2	86·3	86·9	87·1	85·8	84·6	83·7	82·0
27	83·2	82·5	82·3	82·2	82·3	81·5	81·3	81·0	81·0	80·6	80·3	80·2	80·1	79·3	77·1	76·1	80·3	84·5	83·3	83·3	81·9	83·3	80·4	82·0	81·3
28	78·9	78·2	77·5	76·8	76·4	76·3	76·1	75·8	75·3	74·9	74·6	74·1	73·6	73·6	74·4	75·3	76·8	79·3	80·8	79·9	80·1	79·7	79·0	79·0	76·9
29	79·4	78·1	77·2	76·2	75·5	75·3	74·8	74·6	74·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	74·7	75·2	75·1	74·9	74·1	74·7	76·3	76·8	78·3	79·3	82·5	78·3	82·1	83·5	81·7	77·2
31	80·5	77·3	76·7	75·6	75·3	75·3	75·7	76·2	75·8	75·6	75·4	75·5	75·5	75·3	76·5	79·1	81·0	78·3	77·3	76·8	76·6	76·1	75·7	75·5	76·6
Means	84·8	82·8	81·7	80·9	80·1	79·4	78·9	78·5	77·8	77·4	77·1	76·8	76·5	76·2	77·2	79·6	82·2	84·6	86·3	87·4	87·9	88·4	86·6	85·7	81·4

SEPTEMBER 1859

OCTOBER 1859

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

DRY THERMOMETER, STANDARD No. 7

(Corrected to the Kew Observatory Standard Thermometer)

	Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
	Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
		o	o	o	o	o	o	o	o	o	o *	o	o *	o	o	o	o	o	o	o	o	o	o	o	o	o
NOVEMBER 1859	1	75·3	75·1	75·0	75·3	75·1	75·2	74·9	73·7	73·8	74·1	74·4	74·6	74·7	74·4	74·4	75·0	76·1	77·8	79·4	81·5	81·5	81·5	81·5	81·2	76·5
	2	80·4	79·2	77·7	77·4	77·3	76·3	75·1	74·7	74·4	74·2	74·0	73·5	72·9	72·6	73·2	75·5	78·4	80·6	81·8	82·6	82·4	82·5	82·2	81·1	77·5
	3	80·3	79·5	79·0	79·0	78·8	78·3	76·1	75·3	75·2	74·7	74·2	74·2	74·2	73·8	74·2	76·3	79·1	79·8	80·5	81·1	81·1	80·5	80·4	80·2	77·7
	4	79·6	79·0	78·7	78·6	78·3	78·3	78·3	78·1	77·8	76·5	75·2	74·5	73·7	73·5	74·1	76·3	81·1	81·1	81·5	81·5	82·5	81·5	82·4	81·5	78·5
	5	80·8	79·9	79·9	79·5	79·5	79·3	79·0	78·9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	6	—	—	—	—	—	—	—	—	78·3	78·0	77·9	77·7	77·4	74·1	73·8	79·0	82·2	82·3	83·3	83·3	83·8	83·9	83·1	82·3	79·9
	7	81·4	80·5	80·8	80·6	80·3	80·1	80·3	80·1	79·5	79·6	79·3	78·7	79·0	79·3	78·5	80·9	83·4	83·5	84·8	85·1	84·5	81·5	79·2	79·3	80·8
	8	79·4	78·7	78·3	77·9	76·3	76·7	76·5	76·3	77·4	78·1	77·6	76·1	76·1	76·3	77·2	80·6	82·5	84·1	84·8	84·6	85·8	85·1	84·6	83·5	79·8
	9	82·8	81·3	81·3	81·0	80·3	80·3	80·3	79·9	79·9	79·7	79·4	78·5	77·5	77·1	78·1	81·2	82·5	82·0	82·8	83·5	83·3	83·5	83·6	82·6	80·9
	10	81·7	80·6	80·6	79·7	80·1	79·9	79·5	78·5	77·8	77·0	76·9	76·3	75·6	75·6	76·2	78·2	80·3	82·5	83·3	83·3	84·8	83·5	82·4	82·3	79·9
	11	81·4	79·5	79·5	79·2	76·7	76·3	76·3	76·2	76·6	77·8	78·3	78·1	78·3	78·2	79·1	80·3	80·3	83·1	83·1	81·6	79·1	80·3	78·4	79·4	79·0
	12	79·6	79·4	79·3	79·3	79·3	79·2	79·1	77·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	13	—	—	—	—	—	—	—	—	75·3	74·4	74·8	74·3	74·2	74·2	75·1	77·3	79·1	81·3	81·1	82·8	82·3	83·7	82·6	81·9	78·6
	14	81·3	80·0	79·7	79·6	79·7	79·3	79·3	79·0	78·4	78·4	78·3	76·5	75·6	75·3	76·4	79·5	81·3	81·7	78·3	82·3	82·6	82·7	82·5	81·5	79·5
	15	79·9	79·0	79·0	78·8	78·6	78·5	78·1	76·5	75·9	75·3	75·2	74·2	74·2	73·6	74·3	75·5	77·6	79·1	78·0	78·1	77·3	79·2	78·7	79·4	77·3
	16	79·6	79·2	78·5	77·8	78·0	77·5	76·3	76·3	76·3	76·6	76·5	75·6	75·3	76·1	77·9	78·1	78·7	78·5	77·6	77·6	77·7	76·5	74·5	75·3	77·2
	17	74·8	75·1	75·2	75·0	74·5	74·4	75·3	76·7	77·2	77·4	76·3	75·3	74·9	75·4	77·1	79·0	80·2	80·6	80·3	81·5	80·3	79·6	79·5	78·5	77·3
	18	78·2	77·1	76·9	76·9	78·1	77·7	77·5	77·3	79·2	79·3	78·0	77·5	77·6	77·1	78·3	80·2	79·5	81·5	78·2	82·5	80·9	81·2	81·6	81·5	78·9
	19	78·2	79·0	79·3	78·8	78·5	78·5	78·3	78·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20	—	—	—	—	—	—	—	—	75·2	75·2	75·2	74·4	73·4	73·5	74·6	78·1	80·0	80·3	80·5	80·3	80·0	80·0	79·5	78·9	77·8
	21	77·3	76·6	76·2	75·3	75·3	75·3	74·9	73·8	73·5	71·2	67·9	66·9	66·6	68·4	68·3	68·0	68·0	68·7	67·6	67·2	67·5	68·4	69·7	70·5	71·0
	22	70·7	70·6	70·6	70·8	71·2	71·0	70·9	70·9	71·2	70·7	71·1	70·5	71·4	71·4	71·8	74·2	76·3	79·9	82·3	78·5	80·1	81·9	80·4	78·6	74·0
	23	77·7	77·0	75·5	74·9	75·6	75·3	75·2	75·3	75·3	75·3	75·3	74·4	73·7	73·3	74·3	76·3	78·9	79·8	79·4	80·4	80·3	80·0	81·0	79·7	76·8
	24	78·7	77·5	76·7	76·5	76·1	75·9	75·5	75·5	75·5	75·5	75·5	75·3	75·2	74·7	74·3	74·9	75·3	76·0	77·3	77·8	78·3	78·7	78·7	78·3	76·4
	25	77·8	77·4	77·2	77·1	76·9	76·2	75·6	75·5	75·8	75·3	75·3	74·4	74·3	74·4	74·8	75·3	76·3	77·3	76·3	75·2	74·5	74·3	74·6	75·3	75·7
	26	75·3	75·3	75·3	75·2	75·3	75·1	74·6	74·6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	27	—	—	—	—	—	—	—	—	73·9	73·8	74·1	74·1	73·6	73·7	74·1	74·6	75·3	74·4	75·4	75·5	76·2	77·8	77·5	77·6	75·1
	28	77·1	76·2	75·6	75·5	75·4	75·6	75·3	75·1	75·0	74·9	74·6	74·6	74·4	73·9	75·2	77·1	78·7	80·5	81·3	81·5	82·8	83·3	83·0	82·4	77·5
	29	81·2	79·0	78·2	77·7	77·2	76·3	76·3	75·7	76·1	76·3	76·1	75·6	75·3	74·9	75·3	78·3	79·5	82·1	83·3	85·8	84·3	85·0	81·6	77·5	78·7
	30	77·2	77·4	77·9	78·3	77·7	77·9	77·9	78·0	77·5	77·2	77·3	76·1	75·4	75·3	76·1	78·1	81·5	82·1	84·3	84·3	83·4	82·6	83·1	83·4	79·2
	Means	78·8	78·0	77·8	77·5	77·3	77·1	76·8	76·5	76·2	76·0	75·7	75·1	74·8	74·6	75·3	77·2	78·9	80·0	80·3	80·7	80·7	80·7	80·2	79·8	77·7
DECEMBER 1859	1	82·4	80·3	79·4	79·2	78·9	78·5	78·3	78·3	77·3	77·3 *	77·4	77·2 *	76·2	75·8	75·5	78·1	78·4	80·5	83·3	85·7	82·4	84·4	85·0	84·1	79·7
	2	82·8	80·4	79·6	78·4	78·2	76·9	75·4	75·3	74·6	74·1	72·2	72·2	71·8	71·4	72·7	75·2	77·2	79·0	79·3	79·7	81·9	81·6	80·5	80·1	77·1
	3	77·8	76·5	75·6	74·8	74·6	74·2	74·1	73·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	4	—	—	—	—	—	—	—	—	71·6	71·2	71·2	71·2	70·6	70·3	70·5	71·9	74·3	74·7	76·4	77·5	79·2	79·9	80·4	79·6	74·6
	5	78·2	75·3	73·7	73·4	72·4	72·0	71·4	71·2	71·5	71·4	71·4	71·3	71·3	71·1	71·7	74·4	76·5	78·8	80·7	83·1	83·5	83·5	83·0	82·3	75·5
	6	80·6	78·6	78·3	77·3	75·9	75·3	75·2	74·4	73·5	73·4	73·5	74·4	74·2	73·7	74·3	77·2	79·5	81·8	82·5	83·9	84·5	84·3	83·5	83·1	78·0
	7	81·5	79·1	78·3	77·8	77·3	77·3	77·2	76·5	75·8	75·3	74·6	74·4	74·4	74·4	74·7	77·3	79·3	82·3	83·3	83·3	83·7	83·5	82·5	82·0	78·6
	8	80·4	78·9	78·5	78·3	77·6	77·2	77·1	77·1	76·3	75·5	74·5	74·6	74·6	74·0	74·6	77·0	78·4	80·0	82·5	84·1	82·9	82·5	82·5	82·0	78·4
	9	80·7	79·0	78·4	77·8	77·5	77·5	77·3	77·2	76·9	76·5	75·2	74·6	74·6	74·3	74·9	78·1	80·2	81·8	84·3	83·5	83·0	83·5	82·5	82·5	78·8
	10	80·4	79·6	79·3	79·3	78·5	78·2	78·3	78·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	11	—	—	—	—	—	—	—	—	74·6	75·1	74·4	74·2	73·6	73·6	73·6	76·4	80·3	80·5	81·8	83·1	82·8	83·0	82·9	81·3	78·5
	12	80·2	79·1	79·1	78·8	78·5	78·1	77·5	77·0	76·3	77·1	76·5	75·9	73·8	73·6	74·3	76·3	77·8	79·5	80·8	81·3	81·4	81·5	81·2	80·3	78·2
	13	79·7	78·1	77·4	77·0	75·3	74·7	73·6	73·2	72·7	72·0	71·4	71·7	71·6	71·4	72·1	75·2	78·1	80·3	81·0	80·9	82·1	82·7	81·3	81·0	76·4
	14	80·1	78·4	77·6	77·4	77·3	76·8	76·2	75·5	72·9	71·1	71·6	71·5	71·3	71·0	73·2	77·7	79·0	80·0	81·3	81·7	82·3	81·5	81·3	80·7	77·0
	15	79·7	78·4	78·1	78·1	77·6	77·5	76·9	76·5	76·3	76·4	75·8	75·8	75·4	75·2	73·8	77·1	79·3	79·3	80·5	80·6	81·1	81·4	80·5	79·7	78·0
	16	79·7	78·4	78·1	77·7	77·5	77·2	77·3	77·3	77·0	76·5	76·5	77·0	76·6	76·5	76·3	77·8	78·5	79·4	80·3	81·3	80·8	79·9	79·4	79·4	78·2
	17	78·6	77·5	77·3	77·3	77·1	76·8	76·5	76·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	18	—	—	—	—	—	—	—	—	74·1	74·1	74·0	73·6	74·0	73·8	73·4	74·4	77·0	79·1	80·5	80·6	81·1	80·9	79·5	79·5	77·0
	19	78·5	77·4	76·4	76·2	75·5	74·3	73·6	72·6	71·9	70·9	70·4	70·2	70·1	70·2	69·9	72·3	75·3	78·3	79·3	80·4	80·6	79·6	79·5	78·7	75·1
	20	78·0	76·5	75·7	74·3	72·7	72·3	72·4	72·4	70·8	70·4	70·3	70·3	70·2	69·7	70·4	72·5	75·3	77·4	80·2	79·5	81·0	80·7	80·1	79·5	74·7
	21	78·7	77·3	76·3	76·3	75·7	75·3	75·3	75·2	75·1	74·2	71·8	71·4	70·5	70·8	70·8	73·1	76·5	80·1	80·5	81·0	80·5	80·8	80·5	79·1	76·1
	22	78·8	77·6	77·3	77·1	77·0	76·5	76·2	75·6	74·2	72·6	72·2	71·6	71·4	71·0	70·5	73·1	78·5	79·1	79·6	80·3	81·8	80·3	79·5	79·4	76·3
	23	79·1	77·6	76·6	76·5	76·4	76·3	76·1	76·1	75·5	75·3	75·3	75·9	75·5	75·0	74·4	73·7	76·5	78·5	79·4	79·8	79·5	79·1	78·9	78·4	76·9
	24	77·3	76·0	75·5	75·2	74·7	74·4	74·1	73·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	25	—	—	—	—	—	—	—	—	76·0	75·4	75·6	75·9	76·2	76·1	76·4	76·9	77·8	78·8	79·5	80·3	80·9	80·6	80·0	79·4	77·0
	26	78·5	77·3	76·6	76·4	75·6	75·3	75·3	75·3	74·2	72·9	72·4	71·4	70·5	70·1	69·8	73·1	75·7	78·0	79·5	80·1	80·5	80·2	79·6	78·5	75·7
	27	78·0	76·3	75·3	74·4	72·7	71·9	70·5	70·4	70·3	69·9	68·9	68·9	68·4	67·7	68·6	71·3	74·5	77·6	79·1	79·1	79·2	79·7	79·1	78·5	73·8
	28	77·7	76·4	75·6	75·5	75·1	74·2	73·0	71·9	73·0	73·4	73·4	69·9	69·9	73·8	73·2	75·3	77·8	78·6	80·1	79·7	80·5	80·3	79·9	79·3	75·7
	29	78·5	76·8	76·3	76·0	76·0	75·3	74·9	74·3	71·8	69·4	68·9	68·4	68·3	68·0	67·3	70·8	74·9	77·7	79·9	79·8	80·0	80·5	79·7	79·2	74·7
	30	78·1	76·9	76·0	75·5	75·1	74·3	72·2	71·3	70·2	69·0	68·4	67·0	66·6	66·8	66·7	69·4	73·3	76·2	78·3	78·6	79·3	79·3	79·3	78·0	73·6
	Means	79·4	77·8	77·2	76·8	76·2	75·7	75·2	74·8	74·0	73·5	73·0	72·7	72·4	72·3	72·4	74·8	77·3	79·1	80·5	81·1	81·4	81·4	80·9	80·2	76·7

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

WET THERMOMETER, STANDARD No. 8

(Corrected to the Kew Observatory Standard Thermometer)

	Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
	Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
											*		*												
		o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
JANUARY 1859	1	69·2	68·8	68·4	68·7	68·4	68·8	68·3	68·1	67·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	2	—	—	—	—	—	—	—	—	—	69·4	71·3	71·7	72·0	72·1	72·3	73·2	73·4	74·0	73·7	74·2	74·7	74·7	73·4	73·9	71·3
	3	73·4	73·1	72·7	72·5	72·3	73·0	73·2	73·2	73·1	73·1	73·1	73·2	73·2	73·2	73·2	73·6	74·2	74·2	74·2	74·0	74·4	74·2	74·2	73·4	73·4
	4	73·2	72·8	73·2	73·2	73·2	73·2	73·1	73·2	73·4	73 5	73·7	73·5	73·2	73·2	72·7	74·8	74·7	75·2	75·2	75·2	75·7	75·7	76·1	75·5	74·0
	5	75·1	75·2	74·4	74·1	73·7	73·2	73·2	73·4	73·2	73·2	73·2	72·3	71·3	70·4	70·3	71·3	72·8	73·2	73·9	74·0	73·4	73·2	73·1	73·1	73·1
	6	72·3	71·9	71·5	71·7	71·4	71·3	72·0	72·5	72·3	72·3	72·3	72·8	73·2	72·3	72·3	73·2	73·8	74·2	75·2	72·8	72·8	73·2	73·2	73·6	72·7
	7	73·2	73·0	72·6	72·6	71·0	70·3	70·5	70·8	71·3	71·4	71·5	71·4	71·3	72·3	72·8	73·2	73·4	73·2	73·7	73·9	74·1	73·2	72·5	72·2	72·3
	8	72·3	71·9	71·7	72·1	72·1	72·3	72·5	72·0	71·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	9	—	—	—	—	—	—	—	—	—	71·1	70·8	70·5	70·1	69·3	69·6	70·3	71·3	71·3	71·2	72·1	72·3	71·3	70·9	70·7	71·3
	10	70·7	70·0	69·1	68·5	68·3	68·0	68·2	68·0	67·8	68·0	68·3	67·8	67·3	66·9	66·4	67·3	69·2	71·3	71·3	72·3	72·1	72·3	71·7	71·1	69·2
	11	69·4	68·7	68·7	68 5	68·5	68·5	68·5	69·0	69·0	68·6	68·3	68·0	67·7	67·1	66·6	66·2	67·5	69·3	70·8	71·5	70·5	70·8	70·3	70·8	68·9
	12	70·1	70·5	69·8	69·5	69·3	69·7	69·3	68·8	68·7	68·5	68·3	68·3	68·3	68·3	69·3	70·0	72·0	72·6	73·2	72·2	73·0	72·8	72·3	72·6	70·3
	13	72·1	71·3	71·5	71·0	70·5	70·3	70·0	69·8	69.2	68·7	68·3	68·4	68·4	67·5	68·3	68·6	70·5	70·6	71·8	72·8	70·8	69·3	69 5	69·1	69·9
	14	69·3	69·1	69·1	69·1	69·3	68·8	68·3	68·3	68·8	68·4	68·0	67·9	67·7	66·4	67·1	67·8	70·4	71·8	70·8	71·1	70·8	70·8	69·7	69·7	69·1
	15	69·5	69·2	69·2	69·1	68·5	68·5	68·3	68·0	68·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	16	—	—	—	—	—	—	—	—	—	68·6	69·3	69·2	69·1	69·1	69·1	70·0	70·5	71·3	71·8	72·3	72·3	71·5	70·9	69·7	69·7
	17	69·2	69·3	69·1	68·4	68·4	68·3	68·5	68·3	68·3	68·3	68·3	68·1	67·8	67·3	67·2	68·3	69·1	69·3	71·1	71·8	71·8	71·3	69·5	68·5	69·0
	18	68·0	67·8	67·8	68·4	69·0	69·1	69·0	69·2	69·3	68·8	68·3	67·7	67·1	66 0	66·4	67·2	69·5	70·9	71·3	70·8	70·7	70·3	69·5	69·2	68·8
	19	68·5	68·2	67·5	67·2	67·1	66·4	66·6	66·6	66·6	65·2	63·9	63·2	62·5	62·3	62·5	65·4	68·3	68·3	69·2	70·0	70·5	70·7	69·3	68·3	66·8
	20	68·3	68·3	67·3	67·3	66·2	66·3	66·4	66·6	66·6	66·7	66·9	66·8	66·6	67·2	67·3	66·4	68·3	69·3	70·3	70·3	70·8	70·7	69·7	69·2	67·9
	21	69·1	68·5	68·5	68·4	68·3	68·3	68·0	67·8	67·3	67·1	66·9	67·0	67·1	67·3	67·2	67·6	67·3	68·3	68·8	68·3	69·3	68·7	68·6	69·0	68·0
	22	68·9	67·5	67·5	67·5	67·6	67·3	67·5	67·5	67·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	23	—	—	—	—	—	—	—	—	—	65·8	63·8	63·1	62·4	62·0	62·5	65·4	66·8	68·3	68·6	69·3	69·3	69·3	68·2	68·2	66·8
	24	68·2	67·5	67·6	67·2	66·8	65·4	64·6	63·4	63·4	62·9	62·5	62·8	63·0	62·5	62·5	64·4	66·4	68·3	69·3	70·3	70·3	72·1	71·9	70·2	66·4
	25	69·9	69·3	68·7	68·6	68·4	66·4	65·4	65·1	64·4	63·9	63·4	63·0	62·5	61·7	60·5	62·7	63·9	67·9	69·3	70·3	70·3	70·5	71·1	70·5	66·6
	26	69·9	69·0	68·6	68·2	68·8	65·9	65·4	64·3	63·4	62·4	61·5	61·8	62·0	63·2	61·5	62·7	67·3	69·2	69·5	71·3	70·7	70·8	70·6	70·3	66·6
	27	70·3	70·0	69·3	69·0	68·0	66·9	66·4	66·4	66·9	66·5	66·1	65·8	65·4	64·7	64·4	66·1	69·1	69·8	70·3	70·3	71·3	71·3	69·2	69·4	68·0
	28	69·5	69·7	69·1	69·0	68·9	68·3	68·3	67·5	66·4	65·9	65·4	65·5	65·6	65·9	65·1	66·5	69·1	70·3	70·3	71·0	70·8	71·3	71·0	70·2	68·4
	29	70·2	69·6	69·2	69·2	69·0	68·3	67·8	67·3	67·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	30	—	—	—	—	—	—	—	—	—	66·7	66·4	66·0	65·6	66·4	66·4	68·5	70·1	69·3	69·3	69·5	69·8	70·3	70·4	69·6	68·4
	31	69·6	69·2	69·2	68·9	67·3	66·9	66·9	66·6	66·6	66·1	65·6	65·1	64·5	64·1	64·6	66·9	69·3	69·3	69·3	70·3	70·9	71·3	71.2	70·2	67·9
	Means	70·4	70·0	69·7	69.5	69·2	68·8	68·7	68·5	68·4	68·1	67·9	67·7	67·5	67·3	67·2	68·4	69·9	70·8	71·3	71·6	71·7	71·6	71·1	70·7	69·4
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FEBRUARY 1859	1	69·2	68·8	67·2	67·2	67·3	66·6	66·4	65·9	65·3	65·4	65·5	64·3	63·0	62·5	63·4	67·6	68·3	68·7	69·3	69·3	69·8	69·4	69·5	69·5	67·1
	2	69·2	68·9	68·3	68·3	67·5	67·6	67·3	67·4	66·9	66·7	66·6	66·5	66·3	66·4	67·2	67·7	69·1	70·7	71·3	71·8	72·3	73·2	72·6	72·6	68·8
	3	72·1	71·7	71·7	71·6	71·3	70·5	70·1	69·7	69·5	69·4	69·3	68·9	68·5	68·1	67·3	69·7	70·7	71·3	71·5	72·3	72·8	73·2	73·4	72·5	70·7
	4	72·5	72·5	72·5	72·3	71·3	70·5	69·9	69·5	68·3	67·4	66·6	67·7	68·8	68·5	68·3	70·3	70·8	71·3	71·3	72·3	72·8	73·2	71·1	70·5	70·4
	5	70·8	71·3	71·3	70·7	69·3	69·0	68·8	68·3	68·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	6	—	—	—	—	—	—	—	—	—	67·6	67·3	67·3	67·2	66·6	66·4	69·3	71·3	72·3	72·3	72·3	72·8	72·9	73·0	72·3	69·9
	7	72·3	72·1	71·4	71·4	71·4	71·3	71·1	70·7	70·2	69·8	69·5	69·4	69·3	69·3	69·0	69·5	71·8	73·6	74·2	74·7	74·8	75·2	74·7	74·1	71·7
	8	74·2	74·0	73·7	73·4	73·2	73·0	72·5	72·3	72·3	72·3	72·3	72·6	72·8	73·1	73·2	74·2	74·2	74·9	75·2	76·2	76·2	76·6	76·4	75·9	73·9
	9	75·9	75·4	75·1	75·1	75·1	74·9	74·4	74·2	74·6	74·4	74·2	74·2	74·2	74·2	74·2	74·4	75·2	75·2	76·2	77·0	77·2	76·8	76·6	76·7	75·2
	10	76·1	75·4	75·0	75·0	75·0	74·4	74·2	74·2	73·2	73·1	73·0	72·8	72·5	71·5	71·3	72·8	74·9	75·2	75·3	75·4	75·7	75·6	75·4	76·4	74·3
	11	76·1	75·0	75·0	75·0	75·0	74·4	74·2	74·2	73·8	73·9	74·0	73·7	73·4	73·2	74·0	74·2	74·7	75·2	75·2	75·4	76·2	75·8	75·2	74·7	74·6
	12	75·0	74·0	73·9	73·9	73·7	73·4	73·2	73·2	73·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	13	—	—	—	—	—	—	—	—	—	71·8	70·5	69·9	69·3	69·5	70·5	72·3	73·2	74·2	75·2	75·2	75·2	75·7	75·3	75·2	73·2
	14	74·7	74·1	73·8	73·9	73·8	73·4	72·9	72·3	71·5	71·4	71·3	71·2	71·0	70·3	69·9	71·3	74·2	74·4	75·2	75·2	75·5	75·7	74·6	74·4	73 2
	15	74·3	74·1	74·1	73·7	73·2	74·0	73·4	73·2	73·4	73·3	73·2	72·3	71·3	70·3	70·1	71·8	72·9	73·4	74·2	74·2	74·0	74·2	74·3	74·9	73·2
	16	73·5	73·4	73·4	73·4	73·2	73·2	72·9	72·8	72·5	71·9	71·3	70·8	70·3	69·5	68·7	70·3	72·8	73·7	73·8	74·2	73·4	73·2	74·4	74·3	72·5
	17	74·3	74·1	73·6	73·2	73·0	73·0	72·5	72·3	72·3	71·7	71·1	70·8	70·5	69·9	69·5	70·8	73·1	74·0	74·2	74·2	74·4	74·2	74·2	74·0	72·7
	18	73·4	73·2	72·3	71·9	71·3	71·3	70·8	70·2	69·5	69·4	69·3	69·5	69·6	69·3	68·8	70·3	72·8	72·3	72·6	73·2	73·2	73·2	73·2	73·2	71·4
	19	73·0	71·6	71·6	71·1	70·8	70·3	70·1	69·3	68·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20	—	—	—	—	—	—	—	—	—	67·4	66·4	65·7	64·9	64·9	65·4	67·3	69·5	72·0	73·2	73·2	73·4	73·9	73·4	72·3	70·0
	21	71·2	70·5	70·4	69·2	68·3	67·5	67·2	66·8	66·4	66·0	65·6	65·2	64·8	64·2	64·6	69·1	71·1	72·3	71·8	72·6	72·4	72·5	72·4	72·4	68·9
	22	72·3	71·3	70·7	69·0	68·8	68·5	66·4	67·3	67·8	67·8	67·8	67·6	67·3	66·6	66·6	69·0	71·1	72·0	71·8	72·1	71·9	73·9	74·6	75·2	69·9
	23	73·9	73·0	72·5	72·0	71·7	71·1	70·8	70·3	69·9	69·6	69·3	69·6	69·8	70·3	70·1	72·9	74·2	75·2	75·5	76·0	76·4	76·3	75·9	75·8	72·6
	24	75·0	74·4	74·2	74·2	74·2	73·4	73·2	73·8	74·2	73·6	73·1	72·8	72·5	71·3	71·3	73·4	74·7	75·8	75·7	76·2	75·8	76·2	76·3	76·6	74·2
	25	76·4	75·4	74·6	74·6	74·4	74·2	74·4	74·9	74·4	73 9	73·4	72·9	72·3	72·3	72·5	73·2	74·5	75·2	75·2	75·4	76·5	77·0	76·7	76·9	74·6
	26	76·2	75·7	75·0	74·2	74·3	74·2	74·2	73·9	73·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	27	—	—	—	—	—	—	—	—	—	72·2	70·8	70·6	70·3	70·1	70·1	72·5	73·9	74·2	75·7	75·7	75·4	74·3	74·4	74·4	73·6
	28	73·9	73·9	73·7	73·2	73·0	72·8	72·1	70·8	70·8	70·5	70·3	69·9	69·5	69·3	68·5	70·3	73·2	74·2	72·5	76·7	76·2	75·8	73·1	73·2	72·4
	Means	73·6	73·1	72·7	72·4	72·1	71·8	71·4	71·1	70·8	70·4	70·1	69·8	69·6	69·2	69·2	71·0	72·6	73·4	73·7	74·2	74·3	74·5	74·2	74·1	72·0

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

WET THERMOMETER, STANDARD No. 8

(Corrected to the Kew Observatory Standard Thermometer)

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	o	o	o	o	o	o	o	o	o	* o	o	* o	o	o	o	o	o	o	o	o	o	o	o	o	o
1	73·2	73·0	73·0	72·9	72·6	72·5	72·3	72·0	71·8	71·8	71·8	71·0	70·1	69·5	69·1	70·8	73·2	73·2	73·2	74·2	74·4	74·2	74·4	73·4	72·4
2	73·4	72·4	72·1	72·1	71·9	71·5	71·3	71·3	70·5	69·9	69·3	69·1	68·8	68·3	68·9	72·3	74·0	74·7	74·8	76·2	76·7	76·2	76·4	75·9	72·4
3	75·9	75·6	75·2	74·9	74·9	74·4	74·2	73·6	73·4	73·9	74·4	74·2	73·9	73·7	73·0	73·9	76·0	76·9	78·0	78·4	79·4	79·0	78·6	78·6	75·6
4	78·1	77·9	77·0	76·7	76·5	76·2	75·6	75·4	75·2	74·5	73·9	73·6	73·2	73·4	74·2	77·0	77·2	77·2	77·8	78·2	78·4	78·8	78·1	78·1	76·3
5	78·1	77·6	77·9	77·6	77·5	77·2	77·2	76·9	77·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	76·8	76·2	75·6	74·9	75·0	75·6	77·0	77·4	77·2	77·3	77·9	79·2	79·3	78·5	78·4	77·2
7	78·3	77·9	76·8	76·8	76·6	76·2	76·2	75·8	75·2	75·2	75·2	75·1	74·9	74·2	74·4	75·5	76·4	77·4	77·2	77·5	78·8	78·8	78·5	78·1	76·5
8	77·6	77·5	77·5	77·5	77·2	76·5	76·2	76·0	75·2	74·8	74·4	73·9	73·4	74·2	74·9	76·2	76·9	76·7	77·4	78·0	77·1	77·4	76·9	76·9	76·3
9	76·9	76·3	75·6	75·4	75·2	75·4	75·2	74·9	74·7	74·3	74·0	73·7	73·4	73·2	73·4	74·4	76·2	76·2	76·7	77·2	76·7	77·2	77·4	77·4	75·5
10	77·1	76·5	76·0	76·0	75·4	75·4	75·2	74·9	74·4	74·2	74·0	73·8	73·6	73·2	73·0	74·7	76·2	77·2	78·2	78·6	79·0	78·4	77·9	77·9	75·9
11	77·6	77·0	76·4	76·4	76·2	76·0	75·4	75·9	75·7	75·3	75·0	74·6	74·2	72·8	73·2	74·7	76·2	76·4	77·0	77·2	77·4	77·2	77·4	77·2	75·9
12	76·8	76·1	76·0	75·6	75·7	75·2	75·2	75·2	74·9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	73·8	72·8	72·7	72·5	72·3	73·0	74·2	76·0	77·7	77·2	76·2	77·2	78·2	78·4	78·0	75·5
14	77·6	76·9	76·3	76·3	76·2	75·4	76·7	75·2	74·7	74·6	74·5	74·3	74·1	73·7	74·2	75·6	76·4	77·2	78·2	79·2	80·0	80·2	78·8	77·8	76·4
15	77·3	77·1	76·4	76·2	76·1	75·2	75·6	75·4	75·2	74·5	73·9	73·8	73·6	73·2	73·1	74·7	76·2	78·2	77·2	76·2	77·2	77·6	78·3	78·4	75·9
16	78·5	78·1	77·2	76·2	76·2	76·2	75·9	75·2	74·2	74·0	73·9	73·8	73·7	73·9	73·7	75·4	77·2	77·4	78·0	77·2	78·0	77·2	77·1	76·0	76·0
17	76·0	75·2	75·2	74·9	74·9	75·4	75·4	75·4	75·2	75·0	74·8	74·5	74·2	73·2	73·1	74·2	76·2	77·2	77·2	77·7	78·2	79·0	77·3	77·2	75·7
18	77·0	76·7	76·3	75·9	75·4	75·2	74·9	74·7	74·7	74·1	73·5	72·5	71·5	71·3	72·3	74·2	76·2	76·7	77·4	77·8	77·2	75·5	76·6	77·0	75·2
19	77·2	76·4	75·7	74·4	74·0	73·2	72·8	72·5	72·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	71·4	70·5	70·4	70·3	70·0	70·5	72·8	75·0	75·4	76·2	77·2	77·2	76·6	75·6	75·8	73·9
21	75·4	74·4	74·0	74·0	73·1	72·5	72·3	71·9	71·5	71·4	71·3	71·3	71·3	70·3	71·0	72·3	74·2	75·7	76·7	77·2	77·2	77·5	76·2	76·6	73·7
22	76·5	75·4	75·4	75·0	73·9	73·4	73·0	72·3	72·0	71·6	71·2	71·0	70·8	70·6	71·3	73·4	75·0	75·7	76·2	76·7	77·2	77·2	76·8	76·9	74·1
23	76·8	76·4	76·3	76·0	75·9	75·7	74·6	73·9	73·2	73·3	73·4	73·3	73·2	72·8	73·0	74·2	76·4	77·2	78·2	78·2	78·9	78·2	79·8	79·5	75·8
24	79·2	78·7	78·0	78·4	78·4	78·4	78·2	79·4	76·7	77·2	77·8	77·0	76·2	75·0	75·9	77·7	78·2	78·8	79·4	79·2	80·2	80·0	79·1	79·1	78·2
25	79·1	78·5	78·4	78·2	78·2	78·2	77·9	77·4	77·2	76·8	76·4	75·8	75·2	74·9	75·2	77·2	78·2	78·8	79·4	79·0	79·2	80·4	80·1	79·8	77·9
26	79·1	77·9	77·4	77·4	77·2	77·2	77·2	76·9	76·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	76·9	77·4	76·8	76·2	75·7	76·0	77·2	78·0	78·2	78·2	79·2	78·7	79·2	79·9	80·7	77·7
28	79·1	78·8	78·3	77·5	76·7	76·2	75·9	75·6	75·4	75·3	75·2	75·3	75·4	75·0	74·6	77·2	77·7	78·4	79·2	79·4	79·9	80·2	79·5	79·2	77·3
29	78·7	78·2	77·9	77·4	77·0	76·7	76·2	76·2	75·4	74·8	74·2	74·1	74·0	73·9	74·2	76·2	76·8	77·5	78·2	78·2	79·0	78·2	78·1	78·1	76·6
30	77·2	76·9	76·4	76·2	76·1	76·2	76·2	75·9	75·7	75·9	76·2	76·0	75·7	74·4	75·2	77·2	78·0	78·7	79·2	79·4	78·8	78·2	77·2	77·2	76·8
31	77·7	77·5	77·0	77·1	76·8	76·4	76·2	76·2	76·2	76·0	75·9	76·1	76·2	76·2	75·4	76·4	76·6	75·2	77·2	74·2	77·0	77·4	78·4	78·0	76·6
MARCH 1859 Means	77·2	76·7	76·3	76·0	75·8	75·5	75·3	75·0	74·6	74·3	74·1	73·8	73·5	73·1	73·4	75·1	76·4	76·9	77·4	77·6	78·1	78·0	77·8	77·7	75·8
1	77·6	77·3	77·0	76·8	76·8	76·2	76·2	75·2	75·2	* 75·2	75·2	* 75·2	75·2	* 75·6	75·4	75·1	76·0	75·4	77·2	76·7	77·2	77·1	76·3	76·3	76·1
2	76·4	76·4	76·3	76·2	76·2	75·9	75·5	75·5	76·1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	—	76·6	77·2	77·2	77·2	77·4	78·2	76·7	78·0	79·2	79·1	79·2	79·2	79·4	77·4	77·3	77·2
4	77·1	76·7	76·4	76·4	76·4	77·2	77·2	77·2	77·2	77·1	77·0	77·3	77·6	76·2	76·0	76·7	77·4	78·0	78·7	79·5	79·4	79·0	79·9	79·6	77·5
5	79·5	79·0	78·2	78·2	78·2	78·0	78·0	77·5	77·2	77·0	76·8	77·0	77·2	78·2	78·7	79·2	79·7	80·7	80·4	81·2	81·9	81·2	80·5	80·8	78·9
6	80·3	79·7	78·4	78·2	78·0	78·2	78·2	79·4	78·4	78·3	78·2	77·8	77·4	77·7	78·9	79·4	80·4	80·7	81·2	80·7	80·2	79·8	80·1	79·4	79·1
7	79·2	78·7	78·3	78·3	78·2	78·2	78·0	77·7	77·2	77·2	77·2	76·8	76·4	77·2	77·4	79·2	79·2	79·4	80·0	80·9	81·2	80·8	79·5	78·7	78·5
8	78·7	78·7	78·4	78·4	78·2	78·2	78·2	78·0	77·4	77·3	77·2	77·2	77·2	77·2	77·4	79·4	79·2	78·7	80·0	80·0	79·5	79·4	79·4	79·2	78·4
9	79·0	78·2	77·5	77·4	77·2	77·2	77·2	77·0	76·9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	76·0	75·2	75·1	74·9	74·4	75·7	77·0	78·4	79·3	80·0	79·2	79·2	79·2	81·1	80·3	77·6
11	80·1	79·6	79·2	78·9	79·2	79·2	79·0	78·7	79·0	78·6	78·2	78·0	77·8	77·0	78·2	79·2	79·7	80·2	80·8	80·4	81·2	80·2	80·2	80·3	79·3
12	80·3	79·9	79·2	79·2	79·1	79·2	79·2	79·2	79·0	79·0	79·0	78·9	78·7	78·0	78·2	79·9	80·0	80·1	80·9	80·7	80·4	81·0	80·1	80·1	79·6
13	79·9	79·4	79·0	78·9	78·2	78·3	78·3	78·2	78·1	77·9	77·7	77·6	77·4	77·2	75·7	76·8	78·9	79·5	80·0	80·7	80·0	80·4	80·6	80·4	78·7
14	79·9	79·2	79·0	79·0	79·0	79·2	78·7	78·2	77·8	77·4	77·1	76·8	76·4	75·9	76·8	79·2	78·2	79·0	79·4	80·2	80·4	80·2	80·4	79·6	78·6
15	79·4	78·9	78·2	77·9	77·9	78·2	78·0	77·7	77·7	76·8	75·9	75·6	75·2	75·2	76·2	77·7	78·4	79·0	78·9	78·5	79·6	79·2	80·7	80·2	78·0
16	79·6	78·9	78·7	77·7	77·5	77·2	77·2	77·5	77·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	—	—	77·2	77·2	77·0	76·8	76·2	77·4	78·4	78·7	79·9	80·0	80·2	80·2	80·0	80·2	80·1	78·4
18	79·7	79·2	78·2	78·2	78·2	78·0	77·6	77·2	77·2	77·2	77·2	77·2	77·2	76·4	77·2	79·0	79·2	80·2	80·2	80·2	80·7	81·0	80·9	80·4	78·7
19	80·3	79·5	79·2	79·0	78·8	78·7	78·4	78·2	78·2	78·0	77·8	77·4	77·0	76·2	77·4	78·2	78·9	79·2	80·2	80·4	80·2	79·7	79·5	79·1	78·7
20	78·6	78·3	77·9	77·6	77·4	77·2	77·0	75·4	75·6	75·4	75·2	75·0	74·7	74·2	76·2	78·2	78·2	78·6	77·9	78·2	78·9	79·2	79·0	79·2	77·2
21	78·2	79·1	77·7	76·2	76·7	76·0	75·4	75·2	75·2	74·7	74·2	74·0	73·7	72·8	74·2	75·7	76·7	76·0	77·7	78·2	76·7	76·0	76·5	77·2	76·0
22	78·1	79·1	77·9	77·7	77·5	77·2	77·2	77·5	77·2	76·7	76·2	76·2	76·2	76·2	77·2	78·2	78·2	77·7	76·2	75·0	75·7	77·2	77·7	77·9	77·2
23	77·4	76·7	77·1	77·4	77·2	77·2	77·2	77·2	76·9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	—	77·5	78·2	77·8	77·4	76·9	77·7	78·3	78·7	80·2	80·2	79·9	79·2	76·2	76·2	76·1	77·7
25	76·2	77·2	77·2	76·7	76·2	76·2	76·2	76·7	76·2	75·8	75·4	75·1	74·7	75·2	76·2	77·2	78·4	79·2	79·5	80·2	79·9	79·8	80·7	80·4	77·4
26	78·2	77·9	78·0	77·5	77·0	75·4	76·7	76·4	76·0	76·1	76·2	76·3	76·4	77·0	77·0	78·2	79·0	79·2	80·4	80·9	80·0	78·7	79·6	80·2	77·8
27	79·9	79·4	78·6	78·6	78·4	78·7	78·5	78·7	78·6	78·4	78·2	78·3	78·4	77·7	78·4	79·9	80·7	80·9	79·1	79·9	80·5	81·2	80·2	79·9	79·2
28	79·4	78·8	78·5	78·4	78·1	78·2	77·9	78·4	78·7	78·5	78·4	78·3	78·2	77·4	77·2	78·4	79·1	80·0	80·7	80·4	80·2	81·1	81·2	80·9	79·0
29	80·5	80·1	79·2	79·0	79·0	78·4	78·2	77·9	76·8	76·4	76.1	75·7	75·2	76·3	77·7	78·9	80·2	80·2	80·7	80·4	80·7	80·7	79·6	80·1	78·7
APRIL 1859 Means	78·9	78·6	78·1	77·9	77·8	77·7	77·6	77·4	77·2	77·1	76·9	76·8	76·6	76·4	77·1	78·2	78·8	79·2	79·6	79·7	79·7	79·5	79·5	79·3	78·1

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

WET THERMOMETER, STANDARD No. 8

(Corrected to the Kew Observatory Standard Thermometer)

	Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
	Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
											*		*												
		o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
MAY 1859	April 30	79·6	79·0	79·0	78·4	78·7	78·7	78·4	77·9	77·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	1	—	—	—	—	—	—	—	—	—	77·9	78·2	78·3	78·4	77·9	79·3	79·7	79·0	79·0	79·9	79·9	82 5	82·9	82·5	81·0	79·3
	2	80·8	80·3	80·0	79·9	79·8	79·4	79·0	78·7	77·8	77·5	77·2	77·2	77·2	77·2	78·2	79·2	80·5	79 2	80·2	82·0	81·0	81·2	83·8	83·0	79·6
	3	81·6	80·9	80·4	80·2	80·3	80·2	80·2	80·4	80·2	79·6	79·1	78·7	78·2	77·4	77·7	78·9	78·2	79·5	80·4	81·4	82·0	84·0	83·4	82·5	80·2
	4	79·7	79·8	80·3	80·8	81·2	81·4	81·2	80·8	80·2	80·2	80·2	80·3	80·4	80·0	80·2	81·0	81·2	81·9	82·1	80·7	81·4	81·2	81·1	79·4	80·7
	5	80·6	81·1	81·2	81·3	81·4	81·2	81·2	80·5	80·2	79·5	78·9	79·1	79·2	78·7	80·2	80·9	81·4	82·3	82·6	83·1	82·3	81·9	83·2	82·8	81·0
	6	81·3	78·7	80·4	80·6	80·8	80·2	80·6	80·7	80·2	80·3	80·4	78·3	76·2	73·4	75·2	77·4	77·6	81·7	80·2	80·2	81·2	81·0	81·4	79·5	79·5
	7	79·2	79·2	79·6	79·9	80·6	80·5	80·2	80·2	80·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	8	—	—	—	—	—	—	—	—	—	80·7	81·2	80·7	80·2	79·2	80·1	80·7	81·4	82·0	81·4	81·6	81·4	82·3	82·4	82·4	80·7
	9	82·5	82·3	82·1	82·2	82·2	82·0	81·7	81·2	81·2	80·2	79·2	78·8	78·4	78·2	77·4	78·9	80·0	80·9	81·8	81·2	82·0	82·1	81·1	82·0	80·8
	10	82·1	82·3	82·1	82·1	82·1	82·0	82·1	82·1	82·1	81·7	81·4	81·2	80·9	79·1	79·2	79·4	80·1	78·0	77·9	76·4	76·9	78·1	79·4	81·3	80·4
	11	81·9	81·2	80·2	80·2	79·7	81·2	81·7	81·2	81·2	80·3	79·4	79·2	79·0	78·4	79·4	79·4	81·3	82·0	81·2	82·9	83·3	82·9	82·9	83·1	81·0
	12	82·1	82·1	82·3	82·1	82·1	82·1	81·7	81·2	80·8	80·5	80·2	80·2	80·2	80·2	80·7	82·1	82·4	82·8	82·6	83·1	83·9	83·1	83·1	83·1	81·9
	13	82·3	82·1	82·1	82·1	81·9	81·4	81·2	80·7	80·9	80·5	80·2	80·1	80·0	79·9	80·7	82·1	82·9	84·1	83·4	83·8	83·9	83·8	83·7	83·4	82·0
	14	83·4	82·8	82·3	82·1	82·1	82·1	81·7	81·2	81·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	15	—	—	—	—	—	—	—	—	—	80·1	79·2	78·8	78·4	78·2	79·4	81·0	82·1	82·9	81·7	81·9	82·1	81·8	82·3	81·4	81·2
	16	82·1	82·1	81·5	81·5	81·4	81·7	81·2	81·2	81·0	80·3	79·7	79·4	79·0	79·2	80·2	81·2	82·4	83·9	83·4	83·6	83·9	83·1	83·7	83·0	81·7
	17	83·1	82·5	82·3	82·1	82·0	81·2	81·2	81·1	80·2	79·8	79·4	78·9	78·4	78·2	79·1	80·4	81·2	82·1	82·9	82·7	82·9	82·5	82·2	82·2	81·2
	18	82·1	82·1	77·8	77·8	78·4	79·2	79·2	79·8	80·2	80·2	80·2	79·7	79·2	79·2	80·2	81·0	79·5	81·0	81·2	82·1	83·6	82·1	82·1	82·2	80·4
	19	82·1	81·7	81·7	81·4	80·4	80·6	80·2	80·2	80·2	80·1	80·1	79·7	79·2	78·9	78·2	79·4	80·3	81·0	82·1	82·9	82·5	82·1	81·3	81·3	80·7
	20	81·4	81·7	81·4	81·2	81·2	81·0	80·2	80·2	79·2	79·2	79·3	79·5	79·7	78·2	78·2	79·1	79·9	80·9	80·2	79·2	80·4	83·2	82·3	82·1	80·4
	21	82·1	81·9	81·2	81·2	81·2	81·0	81·2	80·7	80·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	22	—	—	—	—	—	—	—	—	—	77·8	75·4	76·1	76·8	76·2	75·4	76·8	77·9	79·2	81·2	81·7	81·6	82·0	81·6	80·6	79·6
	23	80·8	80·4	79·8	79·6	79·4	80·2	80·2	80·0	79·4	79·3	79·2	79·3	79·4	79·4	80·0	81·2	82·1	82·7	82·8	83·6	83·1	83·3	83·6	82·9	80·9
	24	82·1	81·8	81·2	82·9	82·4	82·3	82·1	82·1	81·2	80·1	79·1	78·0	76·8	75·2	76·4	76·2	77·7	78·9	80·2	80·4	80·0	79·2	79·8	80·0	79·8
	25	80·1	80·0	80·0	80·0	80·0	80·2	80·0	79·7	79·2	79·2	79·2	78·9	78·5	78·2	79·6	79·2	79·4	80·0	81·2	82·8	82·3	81·7	82·1	79·5	80·0
	26	79·5	79·6	79·6	79·6	79·6	80·2	80·2	80·2	80·0	79·8	79·6	79·4	79·2	78·7	79·6	80·2	80·4	81·0	81·7	81·4	81·0	81·2	82·1	82·4	80·3
	27	82·3	81·2	81·4	81·4	81·2	81·0	80·4	80·2	80·2	79·9	79·4	79·3	79·2	79·0	79·6	80·2	80·2	80·7	82·1	83·8	82·6	82·2	82·1	81·2	80·9
	28	82·1	81·6	81·4	81·6	81·7	81·8	81·2	81·0	80·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	29	—	—	—	—	—	—	—	—	—	78·7	77·2	77·2	77·2	76·4	77·7	79·2	79·7	81·7	80·0	80·9	81·0	82·3	84·0	83·3	80·4
	30	83·0	82·1	81·7	81·1	80·7	80·0	79·2	79·0	78·2	78·5	78·9	78·5	78·0	76·8	76·2	78·5	79·4	79·4	81·2	81·2	80·9	80·5	82·1	82·3	79·9
	31	82·1	81·2	80·6	80·7	81·1	81·2	80·7	80·4	80·2	80·0	79·9	79·7	79·4	79·2	78·4	77·2	77·7	79·4	78·7	79·7	80·2	79·2	80·2	82·2	80·0
	Means	81·6	81·2	80·9	80·9	80·9	80·9	80·7	80·5	80·1	79·7	79·3	79·1	78·8	78·2	78·8	79·6	80 2	81·0	81·3	81·6	81·8	81·9	82·2	81·9	80·5
											*		*												
JUNE 1859	1	82·9	82·5	82·6	81·1	80·7	80·4	80·6	80·7	80·2	79·7	79·2	79·2	79 2	79·2	78·8	80·2	79·2	79·9	80·2	80·7	80·8	81·2	82·2	81·1	80·5
	2	80·7	80·6	80·4	80·5	80·2	81·0	80·2	79·0	77·7	78·0	78·4	77·8	77·2	76·4	75·1	77·1	78·7	76·2	76·4	76·2	77·7	77·5	79·4	79·1	78·4
	3	79·5	79·5	79·6	79·8	79·9	80·2	80·2	80·1	79·7	79·4	79·2	79·0	78·8	77·2	74·9	77·2	79·4	79·1	79·2	78·4	79·2	78·2	78·6	78·1	78·9
	4	79·2	79·6	80·1	80·2	80·2	80·2	80·2	80·1	79·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	5	—	—	—	—	—	—	—	—	—	78·9	78·2	77·5	76·8	76·2	77·3	78·4	78·9	79·9	81·2	81·0	81·7	80·2	80·9	80·2	79·4
	6	80·6	80·1	80·1	80·2	80·2	80·2	80·2	80·0	79·7	79·4	79·2	79·2	79·2	77·9	77·2	77·2	78·2	78·9	79·7	80·5	80·2	81·0	81·5	82·1	79·7
	7	81·7	81·1	80·8	80·5	80·4	80·0	80·2	79·2	79·2	78·8	78·4	78·8	79·1	78·4	79·3	79·2	79·4	79·4	80·4	81·0	80·1	80·2	82·3	81·4	80·0
	8	81·5	79·8	79·2	79·0	78·4	77·7	77·7	77·2	77·2	77·8	78·4	77·8	77·2	77·4	78·4	78·2	78·4	80·2	79·7	81·0	80·9	80·7	81·0	81·0	79·0
	9	80·8	80·8	80·1	80·1	80·4	80·2	80·2	80·0	79·8	78·6	77·4	77·1	76·7	76·2	76·4	75·7	76·2	77·2	78·2	78·9	80·2	80·2	82·2	81·4	79·0
	10	81·1	80·3	80·1	79·4	79·5	79·2	79·7	79·4	79·2	78·7	78·2	77·7	77·1	77·2	77·2	78·0	80·2	79·2	78·7	79·1	79·2	79·9	79·4	79·5	79·0
	11	79·1	79·2	79·1	78·5	78·2	76·0	76·2	76·0	75·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	12	—	—	—	—	—	—	—	—	—	76·3	77·2	77·0	76·7	76·7	77·8	78·2	78·9	79·2	80·9	79·7	79·2	80·4	79·0	77·5	78·0
	13	77·8	77·5	77·3	77·2	78·2	78·2	78·4	78·2	78·2	76·9	75·7	76·1	76·4	76·2	76·0	78·2	78·9	79·7	78·2	78·4	78·7	78·2	79·2	78·4	77·8
	14	77·9	77·4	76·4	76·2	76·2	76·2	76·0	76·0	77·2	77·3	77·4	77·1	76·8	77·0	75·2	76·2	77·4	78·2	77·7	78·9	77·4	77·8	79·0	77·6	77·1
	15	78·0	77·1	76·7	76·6	76·2	76·2	76·2	76·0	75·8	76·2	76·6	75·9	75·2	73·8	74·2	76·4	77·2	78·2	78·0	77·4	78·2	79·6	78·5	77·4	76·7
	16	78·1	78·2	78·5	79·1	78·2	77·7	77·2	76·9	76·2	76·2	76·2	76·0	75·7	75·4	76·0	77·4	78·2	78·9	80·2	78·7	79·1	78·4	79·4	80·1	77·7
	17	79·1	79·2	79·4	79·2	79·2	79·2	79·2	78·4	77·2	77·2	77·2	77·0	76·8	76·2	76·2	77·2	78·2	77·7	77·4	77·7	78·9	80·6	79·8	80·1	78·3
	18	80·3	80·4	79·3	79·2	79·2	79·2	79·0	78·2	76·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	19	—	—	—	—	—	—	—	—	—	75·0	73·2	73·8	74·4	74·8	74·2	75·2	76·2	76·7	77·9	77·0	78·0	78·7	78·6	79·0	77·3
	20	79·3	79·4	78·0	79·2	79·2	78·2	77·7	77·2	76·2	75·6	75·1	74·4	73·6	73·9	75·0	76·3	76·4	77·0	77·6	77·7	79·0	80·1	80·3	81·1	77·4
	21	77·6	77·2	79·0	79·7	75·4	76·2	76·2	76·2	75·9	75·6	75·4	75·3	75·2	74·9	75·4	76·8	77·8	79·0	80·2	80·0	80·6	81·0	81·4	81·5	77·6
	22	81·3	79·4	79·0	78·4	79·7	79·2	78·9	78·4	78·2	77·3	76·4	76·2	75·9	75·4	76·1	77·1	78·2	78·2	78·4	79·2	79·4	80·2	80·9	80·2	78·4
	23	80·0	79·2	79·2	80·2	80·0	80·0	79·2	79·2	78·7	78·0	77·4	76·8	76·2	75·3	75·2	76·4	75·2	76·2	76·2	77·0	78·1	77·9	78·3	79·6	77·9
	24	81·1	80·1	78·5	79·4	79·5	79·4	79·2	78·7	78·7	78·4	78·2	77·7	77·1	75·4	75·4	76·8	75·2	75·4	76·4	76·2	77·5	80·2	79·8	79·6	78·1
	25	79·5	80·4	80·0	79·3	79·5	79·2	79·1	79·0	78·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	26	—	—	—	—	—	—	—	—	—	78·0	77·3	77·1	76·8	76·2	77·2	79·4	80·2	79·2	78·7	79·1	78·2	80·2	81·1	80·3	78·9
	27	79·8	79·5	79·3	79·3	79·0	79·0	79·2	78·4	75·2	75·8	76·4	76·3	76·2	76·2	76·2	77·7	76·2	76·4	75·2	76·9	77·7	77·8	80·5	80·3	77·7
	28	80·6	78·7	78·2	78·1	78·2	78·2	78·2	78·2	78·0	77·7	77·4	77·3	77·2	76·8	78·0	78·4	77·2	77·2	76·2	78·2	78·6	77·7	79·0	80·1	78·1
	29	79·9	80·8	77·7	78·6	78·4	78·2	78·2	78·2	78·1	77·6	77·2	76·7	76·2	76·2	76·8	78·2	79·2	78·2	78·4	78·9	79·7	82·0	80·4	83·9	78·7
	30	81·5	80·3	80·2	80·1	80·2	79·7	79·7	78·7	76·7	76·4	76·2	76·1	75·9	75·7	76·8	77·7	78·2	79·2	80·7	81·0	80·9	81·2	80·4	80·6	78·9
	Means	80·0	79·5	79·2	79·2	79·0	78·8	78·7	78·4	77·8	77·5	77·2	77·0	76·7	76·2	76·4	77·5	78·0	78·3	78·5	78·8	79·2	79·7	80·1	80·0	78·4

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

WET THERMOMETER, STANDARD No. 8

(Corrected to the Kew Observatory Standard Thermometer)

	Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
	Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
JULY 1859		°	°	°	°	°	°	°	°	°	° *	°	° *	°	°	°	°	°	°	°	°	°	°	°	°	°
	1	80·6	80·4	80·0	79·9	79·4	79·2	78·7	78·2	78·2	77·8	77·4	77·1	76·8	75·2	75·4	75·2	76·2	77·2	79·2	81·2	81·2	81·2	79·4	79·3	78·5
	2	80·0	79·6	79·1	79·0	79·0	79·2	79·2	80·2	79·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	3	—	—	—	—	—	—	—	—	—	79·2	79·2	78·8	78·4	78·2	78·4	79·3	79·9	81·0	81·2	81·7	80·2	80·7	81·3	79·4	79·6
	4	79·2	79·4	78·7	79·2	79·2	79·2	79·2	79·2	79·2	79·1	79·0	78·2	77·4	77·2	78·4	78·7	78·2	78·9	79·4	80·0	81·1	79·7	80·2	80·3	79·1
	5	80·4	80·5	79·8	79·6	79·4	79·2	79·0	79·2	79·2	78·8	78·4	77·9	77·4	77·2	78·4	77·2	79·4	80·2	81·0	80·4	79·7	80·2	79·6	81·4	79·3
	6	81·1	81·1	80·1	78·9	78·7	78·7	78·8	78·2	78·2	78·1	78·0	77·6	77·2	77·7	78·4	79·7	80·2	81·0	82·0	81·7	81·2	82·7	82·9	81·4	79·7
	7	81·3	81·3	81·2	81·2	81·1	80·2	80·2	80·0	80·0	79·7	79·4	79·2	79·0	78·7	79·4	80·2	80·0	79·7	79·9	81·2	82·1	82·1	82·1	81·3	80·4
	8	81·0	80·4	80·2	79·7	79·2	79·6	79·7	79·4	79·2	79·2	79·2	79·1	78·9	78·7	79·0	79·8	80·2	79·7	79·7	82·1	82·6	82·0	82·2	82·0	80·1
	9	81·9	82·1	78·2	78·2	79·2	78·9	79·2	79·2	79·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	10	—	—	—	—	—	—	—	—	—	78·2	77·2	76·8	76·4	75·9	76·8	77·6	78·2	80·2	80·9	80·5	81·7	81·2	80·9	81·2	79·2
	11	81·2	80·8	80·1	80·0	80·2	78·5	78·2	78·2	78·2	77·7	77·2	77·0	76·7	76·4	77·2	76·2	75·7	75·7	75·0	76·0	77·2	78·2	77·9	77·2	77·8
	12	77·3	77·1	76·6	76·6	76·2	74·7	74·2	74·2	74·2	74·1	74·0	73·7	73·4	73·2	73·4	73·2	73·2	75·7	76·5	76·9	77·8	78·2	79·4	79·6	75·6
	13	79·5	79·4	79·5	79·4	78·2	78·2	78·4	78·2	78·2	77·7	77·2	77·0	76·7	76·2	77·0	78·0	79·2	80·9	82·0	82·6	82·1	81·9	80·3	80·7	79·1
	14	80·7	80·6	79·7	79·4	75·2	75·0	75·2	75·2	75·9	75·8	75·7	76·0	76·2	76·2	77·2	78·2	79·4	80·2	81·4	80·4	81·0	81·7	82·1	82·3	78·4
	15	80·9	80·3	80·3	79·4	79·2	77·2	75·2	75·6	75·7	76·3	76·8	76·9	77·0	77·2	77·2	78·0	78·7	79·2	79·5	79·4	80·2	79·5	80·0	79·3	78·3
	16	79·4	79·7	79·8	79·7	79·7	75·6	75·2	75·4	74·9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	17	—	—	—	—	—	—	—	—	—	76·1	77·4	76·8	76·2	76·2	76·4	76·4	76·5	77·4	76·8	76·4	77·7	77·2	77·4	77·3	77·1
	18	77·1	76·9	76·4	74·3	75·0	75·4	76·0	75·7	75·7	74·9	74·2	74·2	74·2	73·4	73·9	73·9	74·2	76·9	77·2	78·7	78·5	78·2	78·1	78·1	75·9
	19	78·8	78·4	78·1	77·9	77·5	77·2	77·4	77·1	76·2	75·8	75·4	75·1	74·7	74·2	74·2	75·4	76·8	77·2	77·2	78·2	79·2	79·2	79·2	79·0	77·1
	20	78·1	77·3	77·3	77·0	77·0	76·7	76·7	76·2	75·2	75·2	75·2	75·3	75·4	75·2	75·0	75·2	76·8	76·8	77·2	77·4	78·2	78·9	78·7	79·6	76·7
	21	80·2	79·2	78·2	77·2	76·9	76·7	76·2	75·7	75·2	74·8	74·4	74·3	74·2	73·2	73·2	74·2	76·2	77·2	78·2	78·0	78·0	78·2	78·8	79·1	76·6
	22	78·3	74·6	75·1	75·4	76·1	76·0	75·7	75·8	75·2	75·2	75·2	74·8	74·4	73·3	73·8	75·4	76·8	79·0	79·0	78·7	79·0	79·4	79·2	79·6	76·5
	23	78·7	78·2	77·9	77·4	77·3	77·2	76·9	76·7	76·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	24	—	—	—	—	—	—	—	—	—	75·8	75·4	74·9	74·3	73·2	73·2	74·6	74·7	75·7	77·2	76·2	78·2	79·5	79·0	79·0	76·6
	25	79·1	78·6	74·1	75·2	75·6	76·2	75·8	75·4	75·2	74·7	74·3	74·7	75·0	73·4	73·0	74·9	75·9	77·0	78·2	77·9	78·1	78·0	77·9	77·4	76·1
	26	78·1	77·4	76·3	75·9	75·7	75·7	75·6	75·2	75·2	75·0	74·9	74·9	74·9	73·2	74·0	75·4	76·2	77·0	78·2	79·4	79·7	79·0	79·1	78·0	76·4
	27	77·8	77·6	77·0	77·0	76·6	76·7	76·9	77·2	77·7	77·2	76·8	76·5	76·2	74·3	73·2	75·0	76·2	76·4	78·0	76·7	78·9	78·2	78·1	77·7	76·8
	28	77·2	77·3	77·3	76·0	75·5	75·9	75·4	75·2	75·2	75·5	75·9	76·1	76·2	74·0	76·2	75·4	74·7	74·9	76·0	76·7	76·4	78·2	78·5	78·4	76·2
	29	78·1	78·1	77·9	78·2	79·2	79·4	79·2	78·9	77·9	77·5	77·2	76·2	75·2	75·2	75·8	77·2	77·7	78·2	78·0	78·9	79·0	80·2	80·4	80·5	78·1
	30	81·3	81·1	80·9	80·6	80·0	79·2	79·2	78·2	77·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	31	—	—	—	—	—	—	—	—	—	77·4	77·2	76·8	76·3	76·7	76·2	77·4	77·7	76·4	78·2	79·2	79·9	78·5	80·4	80·3	78·6
	Means	79·5	79·1	78·5	78·2	77·9	77·5	77·4	77·2	77·0	76·8	76·6	76·4	76·1	75·5	75·9	76·6	77·3	78·1	78·7	79·1	79·6	79·7	79·7	79·6	77·8
AUGUST 1859																										
	1	80·9	80·1	79·1	79·6	79·8	79·7	79·2	79·2	79·2	79·4 *	79·6	79·4 *	79·2	77·9	78·2	78·7	79·4	80·2	79·4	79·4	79·8	81·2	82·1	82·0	79·7
	2	80·9	80·1	79·2	79·0	79·2	79·0	79·2	79·4	79·8	79·3	78·8	78·5	78·2	78·7	78·9	79·7	80·2	80·2	77·7	78·7	79·4	80·4	82·2	83·2	79·6
	3	81·9	81·4	80·4	80·2	80·2	80·2	80·0	79·2	77·7	76·2	74·7	74·3	73·9	73·4	73·9	75·2	75·5	76·4	77·7	78·2	79·9	80·3	80·0	81·3	78·0
	4	80·6	79·7	79·7	79·6	79·0	78·8	78·9	78·7	78·7	78·4	78·2	78·2	78·2	78·0	76·7	75·8	76·1	76·2	76·8	78·2	79·4	79·3	82·1	81·3	78·6
	5	80·9	80·8	80·3	80·2	80·1	79·9	79·2	78·7	78·7	78·4	78·2	77·7	77·2	76·7	77·7	79·1	79·9	81·0	80·4	81·1	82·0	82·9	82·9	82·3	79·8
	6	81·6	81·3	80·0	80·0	79·6	79·2	79·2	78·7	78·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	7	—	—	—	—	—	—	—	—	—	78·9	79·2	78·2	77·2	76·2	77·7	78·4	79·4	79·4	79·2	79·7	80·4	80·2	79·6	79·1	79·2
	8	79·1	78·9	77·3	77·9	77·9	77·7	77·8	77·7	77·2	77·2	77·2	77·0	76·7	76·2	77·0	78·1	78·7	78·2	79·4	79·0	79·4	79·2	79·6	79·3	78·1
	9	79·0	77·6	77·3	77·4	77·4	77·2	77·7	78·2	78·7	78·3	77·9	77·6	77·2	76·9	76·7	78·2	78·7	79·4	80·0	80·2	81·8	82·3	82·1	81·2	78·7
	10	81·1	80·0	79·1	79·4	79·9	79·8	79·2	78·9	78·2	77·7	77·2	76·7	76·2	75·7	76·2	77·2	74·4	75·4	75·7	76·2	76·2	77·4	78·1	79·1	77·7
	11	79·9	78·9	78·5	78·4	78·4	78·2	78·4	78·2	78·2	77·6	77·1	77·3	77·4	77·9	77·2	78·7	78·7	79·2	78·2	78·9	78·7	79·2	80·3	80·6	78·5
	12	80·4	80·4	80·4	79·5	77·5	77·2	76·2	76·2	76·2	76·0	75·9	75·6	75·2	74·2	74·2	75·7	76·4	77·4	78·2	78·2	79·2	80·2	80·7	80·2	77·6
	13	79·9	79·4	78·8	77·2	76·2	75·2	74·5	74·7	74·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	14	—	—	—	—	—	—	—	—	—	75·5	76·9	76·4	75·9	74·7	75·4	75·7	77·6	78·2	79·0	79·9	80·2	80·8	81·4	80·0	77·4
	15	77·9	77·8	77·9	77·1	76·5	76·0	75·2	75·2	75·2	75·2	75·2	75·1	74·9	75·2	75·2	77·2	78·2	78·4	78·4	78·9	79·4	80·0	79·8	80·9	77·1
	16	79·9	80·2	79·9	79·2	75·5	74·7	75·4	75·2	76·2	75·8	75·5	75·4	75·2	74·7	75·4	76·9	77·7	77·7	78·9	79·6	80·4	80·2	81·4	81·0	77·6
	17	79·1	77·9	77·3	77·8	78·2	78·2	78·2	77·5	77·0	76·6	76·2	76·4	76·6	76·7	75·9	75·9	76·8	77·4	78·2	78·2	78·9	79·3	80·2	74·9	77·5
	18	74·2	77·1	78·1	77·7	77·6	77·2	77·2	77·4	77·2	77·2	77·2	76·7	76·2	74·4	74·2	74·7	75·4	76·2	77·2	77·4	77·4	77·4	77·3	78·3	76·7
	19	78·3	78·1	77·6	77·4	77·3	77·2	77·2	77·4	77·2	77·0	76·9	77·1	77·2	77·2	76·2	76·4	75·7	76·2	75·4	75·7	75·5	76·1	76·1	76·3	76·8
	20	76·3	76·2	76·3	76·3	76·2	76·2	75·8	75·7	75·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	21	—	—	—	—	—	—	—	—	—	75·7	76·2	76·0	75·7	75·4	75·2	76·4	77·2	78·2	78·6	79·2	78·4	80·2	80·0	80·4	77·0
	22	79·6	79·5	78·8	78·8	78·7	79·2	77·2	76·4	76·2	75·9	75·7	75·7	75·7	75·2	75·4	76·2	76·7	77·0	77·7	77·9	78·2	77·9	76·4	76·3	77·2
	23	76·9	79·1	79·4	79·1	78·1	77·2	76·8	76·2	75·4	75·1	74·8	74·6	74·4	73·6	73·6	74·7	76·2	77·4	78·0	77·7	78·2	78·1	78·5	78·0	76·7
	24	78·0	77·1	76·8	76·2	76·2	76·7	76·6	76·2	76·2	76·2	76·2	76·1	75·9	75·2	74·2	74·2	75·4	76·2	76·2	76·2	77·2	79·2	78·4	78·9	76·5
	25	78·2	77·4	76·6	76·4	76·2	76·2	76·7	76·2	76·2	75·9	75·7	75·9	76·0	76·0	74·4	75·7	76·8	76·7	76·4	77·9	77·7	80·3	78·5	78·0	76·7
	26	78·2	78·3	78·2	78·2	78·4	78·2	77·9	77·9	77·7	77·7	77·7	77·5	77·2	75·9	75·6	77·2	78·0	78·1	77·4	79·2	79·2	79·0	79·5	79·8	78·0
	27	79·9	78·6	78·9	79·0	79·0	78·7	79·1	78·9	78·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	28	—	—	—	—	—	—	—	—	—	77·7	77·2	77·1	76·9	75·2	73·9	74·9	74·2	75·2	76·4	76·2	78·2	78·8	79·0	78·2	77·5
	29	80·1	79·9	78·3	77·5	77·5	77·2	76·9	76·7	76·2	76·7	77·2	77·0	76·7	76·2	75·2	77·2	77·4	77·7	78·2	78·5	79·0	78·7	80·7	80·4	77·8
	30	79·4	79·0	80·0	79·3	79·0	78·2	78·2	77·2	78·0	77·6	77·2	77·2	77·2	75·2	73·2	74·7	76·0	76·1	76·7	76·9	76·7	78·2	77·3	77·0	77·3
	31	77·0	79·3	79·0	77·4	77·6	77·4	77·2	76·8	76·2	76·0	75·9	75·7	75·5	74·7	74·6	75·2	75·7	76·7	77·2	76·6	77·2	77·2	76·0	76·7	76·6
	Means	79·2	79·0	78·6	78·4	78·0	77·8	77·6	77·4	77·2	77·0	76·9	76·7	76·4	75·8	75·6	76·6	77·1	77·7	77·9	78·3	78·8	79·4	79·6	79·4	77·8

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

WET THERMOMETER, STANDARD No. 8

(Corrected to the Kew Observatory Standard Thermometer)

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41.	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	o	o	o	o	o	o	o	o	o	* o	o	* o	o	o	o	o	o	o	o	o	o	o	o	o	o
1	76·9	77·3	77·4	78·0	78·4	78·2	77·4	77·2	77·2	76·2	75·2	75·0	74·7	75·8	74·0	76·0	76·2	76·2	77·2	76·4	77·2	77·2	76·1	76·3	76·6
2	81·2	81·1	80·4	80·2	80·0	78·2	77·4	76·2	75·6	75·4	75·2	75·2	75·2	74·9	75·2	76·0	76·7	76·4	77·2	77·2	77·6	78·2	77·5	77·8	77·3
3	77·6	80·9	80·3	80·5	80·3	80·4	80·2	76·2	75·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	75·5	75·7	75·5	75·2	75·2	73·4	73·7	75·2	76·2	76·4	76·7	77·9	77·8	77·4	77·9	77·1
5	78·2	79·1	78·4	79·1	78·6	77·4	77·2	78·2	78·2	78·2	78·2	77·7	77·2	76·2	75·3	75·2	76·2	77·2	78·2	78·0	78·2	77·7	79·4	78·5	77·7
6	78·8	78·9	79·3	79·4	79·4	79·2	79·4	79·8	80·0	79·5	79·0	77·2	75·4	73·2	75·0	74·4	75·2	75·4	76·2	77·2	77·2	78·2	79·2	79·1	77·7
7	78·9	79·1	78·9	78·8	79·1	79·4	79·2	79·4	79·6	78·4	77·2	76·6	76·0	76·0	76·1	75·9	76·4	76·9	77·2	77·2	77·7	77·8	79·4	80·2	78·0
8	79·9	79·7	79·4	77·6	77·4	78·4	77·7	78·4	78·9	78·6	78·4	78·0	77·5	78·0	78·2	78·2	76·7	76·1	76·2	76·0	76·2	76·4	77·3	77·0	77·8
9	77·4	78·3	78·2	78·4	78·5	79·0	78·4	78·2	77·7	77·5	77·4	77·7	77·9	78·4	78·0	77·9	77·2	77·2	77·2	76·7	77·2	76·6	77·4	82·0	80·6	78·1
10	79·1	79·3	79·3	79·4	79·4	79·2	79·2	78·4	77·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	77·7	78·2	78·5	78·8	79·2	78·9	80·2	80·5	80·2	81·2	81·4	82·1	82·3	81·2	81·2	79·7
12	80·7	80·1	79·4	79·4	79·2	79·4	79·2	78·7	78·9	79·0	79·1	77·5	75·9	76·0	75·7	76·7	78·2	80·2	80·4	79·6	80·6	81·2	82·1	82·1	79·1
13	80·9	80·1	79·8	79·8	79·2	79·2	78·9	78·7	78·7	78·5	78·4	76·8	75·2	75·0	75·2	76·2	77·2	78·2	79·2	80·2	80·2	81·2	82·9	81·3	78·8
14	75·4	73·9	75·6	75·4	75·2	75·5	74·2	74·2	74·2	74·4	74·7	74·2	73·7	74·2	73·2	74·0	76·2	78·2	77·6	79·2	80·2	81·2	82·9	81·0	76·2
15	80·5	80·1	74·2	73·3	72·8	74·7	76·2	76·7	76·9	76·3	75·7	75·0	74·2	73·2	74·4	76·0	76·9	77·4	79·2	80·2	80·2	80·2	82·1	81·0	77·0
16	72·9	74·1	78·4	77·6	78·2	78·7	78·4	78·2	77·4	77·2	77·0	76·8	76·6	77·2	77·2	78·2	77·7	78·9	80·2	80·7	80·2	80·0	79·8	78·9	77·9
17	79·2	78·9	78·4	78·4	78·2	78·7	78·4	78·2	78·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	77·4	76·6	76·3	75·9	75·2	75·9	76·4	78·0	79·2	80·2	70·2	81·2	81·2	80·8	80·2	78·4
19	79·9	78·6	79·0	78·3	78·3	77·7	77·4	77·8	77·2	76·5	75·9	75·2	74·4	73·0	73·4	75·2	78·2	79·2	78·6	89·9	80·4	80·7	80·2	80·3	77·7
20	80·8	80·4	79·9	79·5	80·0	79·7	79·2	79·0	78·2	78·4	78·7	78·6	78·4	77·4	78·2	77·7	79·2	79·9	80·6	81·2	80·2	80·2	79·6	79·1	79·3
21	78·7	78·2	77·7	77·4	78·2	77·7	77·2	77·2	77·4	77·2	77·0	76·6	76·2	75·9	76·7	78·2	79·2	79·2	79·6	78·9	79·2	79·5	78·7	79·2	78·0
22	78·2	77·6	77·4	77·2	77·9	77·2	77·2	77·5	77·2	76·9	76·7	76·5	76·2	76·2	76·9	77·4	78·2	79·2	80·2	80·2	80·0	80·2	80·1	79·6	78·0
23	79·8	78·2	78·2	78·1	78·4	77·7	77·7	77·2	77·2	77·7	78·2	78·1	78·0	78·0	78·0	78·7	79·2	80·0	80·2	80·2	80·2	80·4	80·2	79·8	78·7
24	79·8	79·1	79·0	78·3	78·4	78·2	77·7	77·4	77·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	78·7	80·2	79·7	79·2	77·7	77·8	77·2	77·7	79·2	80·0	79·2	80·2	79·2	77·7	78·0	78·6
26	78·0	77·2	76·9	77·0	77·2	77·7	77·9	77·4	78·0	77·5	77·0	76·3	75·6	76·2	77·5	77·2	77·9	77·8	77·7	76·2	76·4	76·3	79·0	77·5	77·2
27	78·2	77·3	77·0	77·1	77·0	76·7	76·4	75·9	75·7	75·7	75·7	75·7	75·7	75·2	74·7	75·2	75·2	75·2	73·2	73·4	74·2	75·2	75·4	76·1	75·7
28	75·7	75·8	76·0	76·0	76·2	75·7	75·4	75·4	75·2	75·2	75·2	75·6	76·0	75·2	74·9	74·7	74·2	74·2	74·7	75·2	75·2	75·4	76·1	75·5	75·4
29	75·1	74·4	74·9	74·6	74·2	74·2	74·2	74·2	74·4	74·2	74·1	73·8	73·4	73·7	74·0	75·2	75·7	77·2	79·2	79·2	78·9	78·2	78·1	78·1	75·6
30	77·2	76·2	76·2	76·4	76·5	76·4	76·2	75·9	75·2	75·4	75·7	75·6	75·4	75·2	75·4	76·2	77·2	78·4	80·2	80·4	80·7	80·9	81·9	80·1	77·3
Means	78·4	78·2	78·1	77·9	77·9	77·9	77·6	77·4	77·2	77·0	76·9	76·5	76·1	75·8	75·9	76·5	77·2	77·8	78·4	78·5	78·8	79·0	79·5	79·1	77·7
										*		*													
1	79·9	79·0	78·1	77·2	77·0	75·7	75·2	75·1	74·6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	75·2	75·9	75·7	75·4	73·8	73·2	74·4	76·6	78·2	79·4	78·5	79·0	78·4	79·5	79·4	76·8
3	78·8	79·2	79·2	79·2	78·9	78·7	78·2	78·2	77·7	76·9	76·2	75·7	75·2	74·4	75·4	76·2	77·7	78·9	78·7	79·2	81·2	80·7	81·1	81·4	78·2
4	80·2	79·7	76·3	76·6	76·2	76·2	76·2	76·4	76·6	76·7	76·8	76·6	76·4	77·2	76·1	77·0	77·5	78·8	79·2	79·4	79·2	79·4	80·1	79·2	77·7
5	80·1	79·5	79·6	79·1	78·2	77·4	77·2	77·2	76·8	76·9	77·0	77·1	77·2	77·7	77·0	77·2	78·1	79·0	79·4	80·2	79·4	81·3	81·2	82·1	78·6
6	81·3	75·6	77·3	79·4	79·2	78·2	77·2	77·2	77·2	76·7	76·2	75·7	75·2	75·2	75·4	76·7	78·2	78·2	79·0	79·6	79·4	80·2	79·7	79·0	77·8
7	80·0	80·6	80·2	80·1	80·2	79·4	78·9	78·4	77·9	77·5	77·2	76·7	76·2	75·2	75·2	75·6	75·9	76·7	77·5	78·0	79·2	78·2	78·6	79·0	78·0
8	79·2	80·0	80·2	80·2	79·9	79·4	78·8	78·5	75·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	75·8	76·2	75·2	74·2	74·0	75·2	76·2	77·2	78·2	78·7	77·8	78·2	79·0	74·1	79·0	77·5
10	78·2	77·2	77·2	75·7	75·4	76·2	76·2	76·0	75·4	74·9	74·4	74·7	75·0	74·4	74·7	75·4	75·7	76·2	76·2	75·6	77·2	77·7	77·6	77·4	76·0
11	77·8	77·5	77·4	77·2	77·2	77·2	77·8	77·2	77·0	76·6	76·2	75·7	75·2	74·7	75·2	76·2	77·2	78·2	77·5	76·7	76·4	75·6	76·2	77·0	76·7
12	77·2	78·3	79·0	78·0	77·0	76·2	76·2	75·2	75·2	75·4	75·6	75·9	76·2	75·4	76·2	77·4	79·0	78·7	78·9	78·8	79·2	79·4	79·0	75·0	77·2
13	75·2	76·2	77·4	77·2	76·9	77·2	77·0	76·7	76·2	76·2	76·2	76·0	75·8	75·0	74·4	75·4	74·2	75·2	77·7	78·4	79·0	77·8	76·9	76·9	76·5
14	77·6	78·1	77·4	77·2	77·2	76·6	76·2	76·2	76·0	75·4	74·8	74·6	74·4	74·2	74·7	75·4	76·4	78·2	78·8	78·8	82·0	81·6	78·3	74·1	76·8
15	76·2	77·2	78·6	77·8	77·2	76·9	75·7	75·2	75·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	76·4	77·7	77·3	76·8	76·4	77·2	78·3	78·9	80·2	79·0	79·4	80·2	80·1	79·6	77·4	77·7
17	77·9	77·7	78·1	77·4	78·3	77·7	77·2	76·4	76·0	75·1	74·2	74·2	74·2	74·4	76·7	76·7	77·4	78·4	78·2	77·6	76·7	78·2	77·5	77·7	76·8
18	77·6	76·4	76·5	77·0	76·4	76·2	76·2	75·7	75·1	75·1	75·2	74·7	74·2	73·2	74·4	76·0	76·7	76·8	76·4	76·0	77·1	76·0	75·4	74·9	75·8
19	74·2	73·5	73·4	74·0	74·4	74·7	75·2	75·2	74·7	74·3	74·0	73·9	73·7	73·9	73·6	76·4	79·7	80·2	82·4	82·1	80·7	77·7	77·2	78·2	76·1
20	78·9	76·7	77·0	76·6	76·2	75·9	75·2	74·9	74·2	74·2	74·2	74·1	73·9	72·8	74·2	75·9	76·8	78·1	79·0	78·2	78·7	77·6	78·2	77·6	76·2
21	76·9	76·3	76·5	76·0	75·3	75·2	75·2	75·0	75·0	75·2	75·4	75·9	76·3	76·2	75·4	77·0	77·9	78·2	74·7	76·0	77·4	77·7	77·0	76·4	76·2
22	76·1	76·0	75·8	75·4	75·4	75·2	75·2	74·8	74·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	73·2	72·2	71·3	70·3	70·8	72·0	74·7	75·5	74·6	75·4	77·7	77·2	76·0	74·4	74·5	74·5
24	74·3	73·7	73·5	73·4	73·2	73·6	73·7	73·4	73·2	72·3	71·5	71·0	70·5	69·3	71·1	73·2	73·2	74·4	73·8	75·2	74·6	73·1	74·2	74·5	73·1
25	73·7	73·2	73·0	73·1	73·2	73·4	74·0	74·2	74·2	73·7	73·2	73·2	73·2	72·3	71·3	72·3	74·0	73·4	73·2	73·6	73·1	73·4	72·7	72·0	73·2
26	72·3	72·5	72·4	72·3	72·3	73·2	73·2	73·2	73·1	73·9	74·8	74·0	73·2	73·2	74·0	74·2	74·2	74·8	73·6	72·9	72·5	72·5	72·6	72·5	73·2
27	72·8	72·3	72·5	72·3	72·5	73·2	73·2	74·2	74·2	74·8	75·4	75·7	75·9	74·4	75·3	74·4	76·2	77·4	76·7	77·2	76·4	77·0	77·1	78·1	75·0
28	76·2	76·3	75·4	75·2	75·2	74·2	74·2	74·0	74·2	74·2	74·2	73·5	72·8	72·8	73·2	73·4	74·1	75·0	75·9	76·0	76·0	75·4	75·0	75·8	74·7
29	75·7	74·2	74·2	73·9	73·4	73·2	73·2	73·1	73·1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	73·6	74·2	74·1	73·9	73·0	73·9	74·5	75·2	76·2	77·0	78·4	76·9	78·8	78·5	78·1	75·0
31	77·4	75·9	74·6	74·2	73·9	73·4	73·2	73·6	73·2	73·7	74·2	74·3	74·4	74·2	75·2	76·2	78·2	75·7	75·2	74·4	75·2	75·2	74·4	74·4	74·8
Means	77·1	76·6	76·6	76·4	76·2	75·9	75·8	75·6	75·2	75·1	75·1	74·9	74·6	74·5	74·6	75·6	76·6	77·2	77·4	77·5	77·8	77·6	77·2	77·0	76·2

SEPTEMBER 1859

OCTOBER 1859

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

WET THERMOMETER, STANDARD No. 8

(Corrected to the Kew Observatory Standard Thermometer)

	Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
	Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
		o	o	o	o	o	o	o	o	o	* o	o	* o	o	o	o	o	o	o	o	o	o	o	o	o	o
NOVEMBER 1859	1	74·2	74·2	74·3	74·2	74·3	73·6	73·7	73·2	73·2	73·3	73·4	73·7	73·9	73·4	73·2	73·1	72·8	75·2	75·9	76·2	75·4	74·3	74·0	74·1	74·0
	2	73·2	73·0	73·1	73·2	72·8	73·2	72·8	72·3	72·3	72·2	72·1	71·8	71·5	70·1	69·5	70·9	72·4	74·2	75·0	74·9	74·2	73·9	73·4	72·9	72·7
	3	72·3	72·3	72·2	72·2	72·2	72·3	72·3	72·6	72·3	72·3	72·4	72·5	72·5	71·8	72·3	73·1	73·8	74·4	75·2	75·2	73·4	74·2	73·0	73·1	72·9
	4	72·8	72·6	72·7	72·4	72·6	73·1	72·8	72·8	72·5	72·7	73·0	72·6	72·2	71·9	72·4	73·9	74·0	73·2	74·2	73·2	75·7	74·2	73·4	74·0	73·1
	5	72·8	72·8	72·7	72·5	72·7	73·2	72·9	72·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	6	—	—	—	—	—	—	—	—	71·5	71·5	71·2	71·1	71·7	72·1	70·5	73·2	73·4	74·6	74·2	73·5	74·0	73·8	74·2	74·2	72·8
	7	74·0	73·9	74·2	74·2	74·2	74·5	74·2	74·7	75·2	74·0	74·4	76·0	75·8	75·4	74·2	75·2	76·2	76·4	77·2	77·4	78·0	76·8	75·1	75·3	75·3
	8	76·3	76·4	75·4	75·0	74·7	75·2	75·0	75·2	75·4	75·7	75·9	74·8	75·0	75·8	75·7	76·4	77·4	78·2	78·8	78·5	79·2	78·6	77·3	76·9	76·4
	9	76·4	75·9	75·8	75·8	75·2	75·2	75·1	74·8	75·2	75·0	75·4	75·2	74·4	74·4	74·9	75·7	76·4	77·7	76·2	76·2	77·0	77·2	77·4	77·3	75·8
	10	76·4	76·8	76·2	76·2	76·0	75·7	75·4	75·2	76·2	75·7	76·0	75·2	74·9	74·9	74·7	75·8	76·9	78·0	77·2	77·2	78·4	77·9	77·9	77·2	76·3
	11	77·0	76·0	76·0	76·0	75·7	74·8	74·4	74·2	73·7	75·2	75·4	75·4	75·4	75·2	75·0	75·7	76·6	78·0	77·0	76·2	76·6	76·7	75·0	77·0	75·8
	12	76·8	76·5	76·2	76·2	75·8	75·7	75·2	74·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	13	—	—	—	—	—	—	—	—	74·7	73·2	74·2	74·2	73·2	73·4	74·0	75·0	75·9	77·7	78·2	78·4	77·5	78·2	78·0	75·2	75·8
	14	75·8	75·2	75·2	75·2	75·1	74·7	75·0	74·7	75·2	75·0	74·8	74·2	73·4	73·4	74·2	74·0	74·4	74·5	74·2	75·2	75·0	74·8	74·6	73·5	74·6
	15	73·2	73·0	73·1	73·0	73·2	73·6	73·6	73·7	73·7	74·0	73·4	72·3	72·3	72·3	72·6	73·2	74·2	75·4	75·2	75·0	73·2	74·5	75·3	76·2	73·7
	16	75·9	75·2	75·3	75·1	74·6	74·2	74·2	74·4	75·4	75·2	75·6	74·9	74·2	75·2	75·2	75·5	76·2	76·4	76·4	76·4	76·7	75·9	73·5	74·4	75·3
	17	74·1	73·9	74·2	73·9	73·6	73·2	73·2	73·4	76·0	75·4	74·8	74·2	74·2	75·1	75·5	76·2	77·0	77·2	77·4	78·2	77·9	77·7	76·4	76·4	75·4
	18	76·4	75·6	75·8	75·7	75·7	75·8	76·0	76·2	77·2	77·0	76·5	75·4	75·2	74·7	75·2	76·2	76·2	77·4	75·4	77·9	77·7	77·5	78·4	77·9	76·4
	19	75·6	76·0	75·5	75·2	75·1	75·5	75·2	75·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20	—	—	—	—	—	—	—	—	73·1	73·1	72·5	71·5	72·0	72·3	72·8	73·2	75·0	74·4	74·2	73·9	73·5	73·7	74·2	73·5	74·0
	21	73·5	73·5	73·5	73·5	73·7	73·5	73·4	72·6	72·5	69·5	66·4	65·6	65·6	67·5	65·4	66·4	65·6	66·3	66·2	66·4	66·7	67·9	68·2	69·7	69·3
	22	69·5	69·5	69·5	69·7	70·0	70·3	69·9	69·8	70·1	70·0	70·1	69·6	70·1	70·3	70·5	72·3	74·2	77·0	77·4	77·2	77·9	78·7	78·1	77·8	72·5
	23	76·5	76·0	74·4	73·9	74·9	74·2	74·0	74·4	74·6	75·0	74·6	73·2	72·8	72·8	73·2	74·2	76·0	76·2	75·7	77·0	76·7	76·8	76·7	75·6	75·0
	24	75·6	75·3	75·0	75·0	73·8	74·2	74·2	74·2	74·4	75·2	79·5	74·7	74·4	73·9	73·2	73·9	74·2	74·4	75·2	75·4	76·0	76·2	74·9	75·0	74·7
	25	74·9	74·4	74·2	74·2	74·8	74·2	74·2	74·1	74·2	73·7	73·7	73·2	72·5	72·3	72·7	72·9	73·6	74·2	73·2	73·2	73·2	73·2	73·4	74·2	73·7
	26	74·2	74·2	74·2	74·2	74·0	73·7	73·7	74·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	27	—	—	—	—	—	—	—	—	73·2	73·2	73·4	72·9	72·5	73·1	72·5	73·2	73·6	73·0	73·7	74·0	74·7	75·1	75·0	75·3	73·8
	28	75·0	74·4	74·2	74·2	74·2	74·0	74·0	73·9	74·4	74·2	74·0	73·2	73·1	73·2	73·1	74·2	75·7	77·7	77·2	77·2	78·0	78·5	78·3	77·4	75·1
	29	77·4	77·1	76·6	76·5	76·1	75·2	75·2	75·0	75·2	75·6	75·8	75·4	74·2	74·2	74·2	75·2	76·4	77·6	78·2	78·9	79·5	79·1	78·2	75·1	76·3
	30	74·3	75·6	76·2	76·7	76·7	76·8	76·5	76·2	76·8	76·4	76·7	76·2	75·1	74·4	74·7	75·7	77·2	78·2	79·3	79·2	79·3	79·4	79·5	79·4	76·9
	Means	74·8	74·6	74·4	74·4	74·3	74·2	74·1	74·0	74·2	74·0	73·9	73·4	73·2	73·2	73·1	74·0	74·8	75·7	75·7	75·8	76·0	76·0	75·5	75·3	74·5
DECEMBER 1859	1	79·1	78·2	77·9	77·8	77·8	77·2	77·2	77·0	77·0	* 76·7	77·0	* 75·4	74·8	74·0	74·2	74·7	75·2	76·8	77·7	79·2	77·8	77·3	76·0	76·0	76·7
	2	74·3	74·8	74·7	75·1	73·9	73·7	73·4	73·0	72·3	71·3	70·8	71·3	70·7	69·9	68·8	70·1	71·3	72·5	73·5	74·8	73·6	71·9	70·7	70·7	72·4
	3	71·1	71·2	71·3	71·4	71·3	71·3	71·1	70·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	4	—	—	—	—	—	—	—	—	70·8	70·2	70·1	70·1	69·9	68·5	66·3	65·4	65·9	65·6	67·2	67·3	69·3	69·9	71·1	72·4	69·6
	5	71·5	71·7	71·3	71·3	71·3	71·2	70·5	69·8	70·5	70·5	70·5	70·3	70·2	70·1	70·3	72·3	73·2	74·7	75·3	76·0	75·4	74·4	77·2	77·0	72·4
	6	75·9	75·3	75·3	75·2	75·0	74·2	73·7	73·2	72·5	72·8	72·9	73·2	73·4	73·2	73·2	75·2	76·2	76·9	77·0	77·4	77·6	78·0	77·1	77·0	75·1
	7	76·4	76·1	76·1	76·0	75·2	75·2	75·0	75·0	74·5	74·3	73·4	73·2	73·2	73·4	73·2	75·2	76·0	76·4	76·6	76·0	76·4	76·4	76·2	76·4	75·2
	8	75·4	74·9	74·8	74·6	74·4	74·2	74·2	74·1	74·2	73·9	73·4	73·5	73·4	73·2	73·2	75·2	75·8	75·7	76·2	77·8	76·9	76·8	76·5	76·2	74·9
	9	75·6	75·1	74·3	74·2	74·2	74·7	74·6	74·2	74·4	74·4	73·9	73·7	74·0	73·6	73·7	75·0	76·2	76·2	77·3	77·2	76·0	76·8	77·3	76·4	75·1
	10	75·6	75·5	75·4	75·4	75·4	75·7	75·2	75·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	11	—	—	—	—	—	—	—	—	73·9	73·7	73·2	72·9	72·9	72·5	72·3	73·4	74·7	74·2	75·5	76·4	75·6	75·8	75·8	75·2	74·6
	12	74·7	75·0	74·9	74·9	74·6	74·2	74·0	74·2	74·2	73·4	73·2	73·8	72·9	72·5	72·3	74·2	74·2	72·5	72·8	73·4	73·4	73·1	71·8	72·3	73·6
	13	72·7	72·0	72·2	73·1	72·5	72·1	71·7	71·1	71·3	70·5	70·1	70·6	70·5	69·9	70·7	72·7	72·8	73·1	72·8	72·4	73·2	73·7	73·6	73·3	72·0
	14	73·3	72·4	72·1	72·1	71·6	72·3	72·3	71·7	70·5	70·3	69·9	70·3	70·3	70·1	71·3	72·1	72·3	72·3	72·6	72·3	72·3	73·1	72·7	71·9	71·8
	15	71·7	71·3	71·9	71·4	71·5	71·8	71·8	71·3	70·5	71·1	69·3	70·1	69·3	69·6	70·3	71·3	71·3	71·0	71·1	70·9	71·5	72·3	71·7	71·4	71·1
	16	71·5	71·2	71·1	71·2	71·0	71·3	71·2	71·3	71·5	71·3	71·3	71·8	71·5	71·3	71·5	71·7	71·3	70·6	71·2	71·9	71·6	70·9	70·9	70·4	71·3
	17	70·3	70·1	69·9	70·0	70·1	70·7	71·3	71·1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	18	—	—	—	—	—	—	—	—	71·8	71·3	70·8	71·3	71·9	71·7	70·8	71·3	72·3	71·5	72·2	71·5	73·2	72·9	71·9	72·1	71·3
	19	71·2	71·0	70·2	70·2	69·6	70·1	70·3	70·1	69·5	68·8	68·5	68·8	69·0	68·9	68·3	69·4	71·5	70·3	70·2	70·6	72·0	70·5	70·8	70·1	70·0
	20	70·3	70·2	70·0	70·3	70·2	69·8	69·8	69·9	69·3	68·4	68·5	68·8	68·6	68·5	69·3	69·7	71·3	72·0	73·2	72·5	72·5	71·7	72·0	72·0	70·4
	21	70·9	70·2	69·6	69·8	69·7	69·8	69·7	69·5	69·5	70·3	69·3	69·3	68·7	69·3	69·0	71·3	73·1	76·1	76·1	74·2	72·1	71·7	72·1	70·5	70·9
	22	70·5	70·2	70·6	70·2	71·3	70·7	70·8	70·3	70·3	69·5	69·7	69·3	69·7	69·1	68·5	69·5	70·2	70·8	71·1	71·5	72·3	71·3	71·3	69·3	70·3
	23	70·7	69·8	70·2	70·1	70·2	69·7	70·1	69·9	69·3	69·8	70·3	69·3	69·1	69·9	69·1	70·5	69·0	68·8	69·3	68·9	69·9	69·3	67·5	69·1	69·6
	24	67·3	67·0	66·8	66·5	66·1	66·4	66·8	66·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	25	—	—	—	—	—	—	—	—	72·5	72·3	72·3	72·5	72·5	71·9	71·3	71·5	71·8	72·1	72·6	72·5	72·8	73·0	73·1	72·3	70·4
	26	72·3	72·3	71·1	70·8	70·8	71·1	71·0	70·8	70·4	70·3	70·3	69·5	69·0	68·5	67·8	70·1	71·3	72·5	73·1	72·4	71·3	71·5	71·5	71·3	70·9
	27	70·5	70·3	69·5	69·3	69·1	68·8	68·3	68·1	67·5	67·3	66·6	67·3	66·9	66·4	66·7	68·3	69·8	71·2	70·3	69·6	69·5	70·2	69·3	69·3	68·8
	28	69·5	69·1	70·1	69·1	68·6	68·5	68·3	67·5	66·4	66·6	67·1	65·9	66·4	66·9	66·9	67·2	69·3	69·5	69·7	70·1	70·3	69·8	69·3	68·7	68·4
	29	68·8	68·8	68·6	68·5	68·4	69·3	68·1	68·3	68·0	66·4	66·4	65·9	65·4	65·9	65·4	67·0	70·1	71·1	71·2	70·3	69·4	70·1	69·7	69·3	68·4
	30	69·0	69·2	68·7	68·2	67·4	67·3	66·4	66·4	66·4	66·2	65·8	65·0	65·1	64·9	64·4	66·4	67·3	68·5	69·3	69·5	70·3	69·0	68·2	67·3	67·3
	Means	72·3	72·0	71·9	71·8	71·6	71·6	71·4	71·2	71·1	70·8	70·6	70·5	70·4	70·1	70·0	71·2	72·1	72·4	72·9	72·9	72·9	72·7	72·5	72·2	71·6

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR

HUMIDITY OF THE AIR—JANUARY 1859

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·65	0·69	0·71	0·74	0·73	0·75	0·82	0·93	0·94	* —	—	* —	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	0·88	0·82	0·84	0·86	0·86	0·87	0·83	0·79	0·79	0·74	0·76	0·80	0·81	0·78	0·80	0·800
3	·79	·81	·82	·80	·80	·83	·85	·86	·86	·86	·86	·86	·87	·88	·88	·89	·91	·85	·83	·82	·83	·87	·87	·85	·848
4	·87	·86	·88	·88	·89	·88	·88	·89	·90	·91	·92	·92	·92	·91	·91	·89	·84	·83	·80	·78	·76	·80	·82	·80	·864
5	·82	·85	·86	·86	·85	·85	·85	·87	·87	·89	·90	·92	·95	·91	·91	·87	·75	·72	·77	·79	·73	·69	·71	·74	·830
6	·73	·77	·79	·81	·82	·83	·84	·84	·82	·83	·83	·88	·94	·95	·94	·94	·97	·91	·84	·89	·88	·91	·91	·87	·864
7	·85	·85	·84	·85	·79	·79	·80	·84	·84	·86	·87	·89	·91	·95	·92	·87	·83	·83	·79	·76	·77	·74	·72	·73	·829
8	·77	·79	·80	·83	·83	·83	·85	·85	·86	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	·88	·90	·91	·92	·94	·92	·91	·83	·73	·71	·68	·73	·68	·70	·70	·815
10	·72	·75	·73	·72	·73	·73	·75	·76	·78	·80	·82	·87	·92	·91	·92	·82	·72	·75	·72	·73	·70	·72	·73	·73	·772
11	·69	·72	·72	·72	·74	·76	·78	·89	·89	·89	·88	·90	·93	·97	1·00	·85	·78	·74	·74	·72	·65	·67	·65	·67	·790
12	·68	·77	·77	·81	·82	·85	·88	·90	·91	·91	·91	·91	·92	·90	·92	·86	·85	·79	·79	·72	·71	·72	·71	·73	·822
13	·73	·76	·81	·80	·79	·79	·80	·81	·82	·88	·93	·93	·94	·92	·95	·90	·87	·72	·68	·74	·70	·64	·66	·66	·801
14	·69	·71	·73	·73	·76	·75	·75	·78	·85	·89	·92	·92	·92	·90	·92	·86	·86	·80	·70	·68	·67	·68	·66	·68	·784
15	·70	·71	·73	·73	·73	·73	·73	·74	·74	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	·73	·72	·72	·73	·73	·72	·73	·69	·67	·68	·69	·65	·67	·68	·63	·707
17	·65	·70	·71	·70	·70	·72	·73	·74	·74	·75	·75	·75	·75	·74	·74	·70	·68	·68	·68	·70	·68	·67	·63	·62	·705
18	·63	·65	·65	·71	·73	·73	·73	·77	·78	·78	·78	·80	·83	·88	·88	·85	·79	·75	·71	·69	·64	·65	·63	·63	·736
19	·64	·67	·67	·67	·69	·66	·68	·69	·79	·83	·86	·88	·90	·90	·90	·85	·77	·66	·66	·65	·63	·67	·62	·62	·732
20	·64	·67	·67	·67	·63	·64	·64	·66	·67	·68	·69	·71	·74	·82	·86	·64	·64	·64	·68	·67	·66	·63	·63	·64	·676
21	·67	·69	·71	·72	·73	·74	·72	·72	·72	·74	·76	·77	·79	·81	·81	·76	·64	·62	·62	·58	·59	·57	·58	·60	·694
22	·62	·65	·67	·70	·80	·85	·87	·88	·93	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	·94	·94	·92	·90	·92	·91	·89	·76	·72	·66	·64	·64	·63	·62	·64	·779
24	·65	·68	·74	·78	·81	·85	·88	·88	·90	·90	·90	·93	·97	·95	·87	·85	·77	·71	·65	·64	·66	·75	·74	·70	·798
25	·73	·75	·78	·83	·85	·90	·91	·93	·95	·95	·95	·97	·99	·96	·94	·85	·66	·69	·69	·70	·69	·68	·71	·70	·823
26	·74	·76	·80	·81	·96	·89	·91	·92	·90	·91	·91	·91	·92	·96	·95	·89	·82	·81	·74	·75	·69	·68	·69	·68	·833
27	·74	·80	·86	·89	·92	·91	·91	·91	·95	·95	·94	·94	·94	·96	·97	·89	·85	·73	·70	·67	·67	·68	·58	·62	·832
28	·67	·73	·78	·81	·84	·89	·90	·93	·91	·91	·90	·91	·92	·93	·93	·93	·81	·75	·66	·68	·67	·66	·66	·63	·809
29	·68	·72	·74	·81	·86	·89	·93	·91	·92	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	·91	·89	·90	·92	·95	·95	·89	·80	·68	·64	·62	·61	·60	·60	·61	·793
31	·65	·69	·72	·79	·79	·87	·89	·91	·96	·95	·94	·94	·94	·96	·94	·86	·78	·70	·63	·66	·64	·66	·64	·64	·798
Means	0·708	·738	·757	·776	·792	·804	·818	·839	·854	·862	·865	·877	·894	·903	·901	·849	·787	·741	·712	·708	·694	·697	·690	·689	0·790

TENSION OF VAPOUR—JANUARY 1859

	In.	In.	In.	In.	In.	In.	In.	In.	In.	* In.	In.	* In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·612	0·616	0·610	0·628	0·618	0·634	0·642	0·666	0·657	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	0·684	0·711	0·725	0·739	0·742	0·750	0·760	0·754	0·770	0·748	0·764	0·789	0·792	0·753	0·771	0·706
3	·754	·752	·745	·735	·729	·755	·765	·769	·768	·768	·768	·770	·773	·774	·774	·788	·809	·793	·788	·779	·792	·800	·798	·773	·772
4	·772	·759	·774	·775	·779	·774	·773	·777	·787	·794	·800	·792	·785	·782	·770	·819	·804	·814	·802	·796	·805	·816	·833	·813	·791
5	·809	·822	·801	·793	·779	·765	·765	·777	·773	·777	·781	·763	·746	·714	·710	·723	·725	·726	·761	·770	·735	·716	·721	·732	·758
6	·708	·713	·707	·719	·713	·712	·732	·745	·736	·737	·738	·765	·793	·771	·768	·791	·812	·809	·818	·767	·765	·783	·782	·784	·757
7	·765	·761	·749	·750	·694	·678	·686	·704	·716	·723	·729	·732	·736	·771	·775	·771	·766	·760	·762	·758	·768	·732	·710	·705	·738
8	·723	·716	·715	·732	·734	·739	·750	·736	·726	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	·723	·720	·715	·710	·696	·697	·710	·712	·684	·674	·688	·710	·669	·663	·662	·709
10	·668	·658	·635	·615	·617	·609	·620	·620	·619	·632	·644	·644	·645	·637	·629	·620	·632	·691	·680	·707	·693	·706	·693	·680	·650
11	·626	·620	·622	·619	·626	·630	·635	·677	·677	·668	·659	·659	·659	·654	·650	·606	·614	·641	·674	·684	·639	·653	·633	·653	·645
12	·638	·676	·660	·667	·665	·684	·681	·674	·675	·670	·665	·666	·667	·662	·691	·691	·736	·735	·749	·703	·718	·716	·700	·715	·688
13	·705	·693	·711	·697	·683	·678	·673	·670	·664	·667	·669	·672	·676	·649	·675	·669	·706	·666	·681	·722	·661	·609	·619	·612	·672
14	·625	·627	·636	·636	·647	·634	·622	·630	·662	·661	·660	·657	·655	·624	·643	·644	·700	·717	·661	·664	·653	·656	·624	·631	·649
15	·634	·630	·639	·636	·621	·621	·617	·614	·614	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	·625	·635	·635	·636	·636	·632	·655	·653	·665	·680	·692	·682	·670	·658	·616	·641
17	·609	·630	·627	·609	·609	·611	·623	·619	·621	·622	·622	·617	·612	·599	·595	·607	·619	·621	·664	·686	·681	·666	·610	·584	·623
18	·577	·580	·581	·611	·633	·636	·633	·650	·654	·642	·630	·624	·618	·608	·618	·626	·662	·680	·676	·658	·638	·633	·612	·604	·628
19	·592	·595	·580	·574	·580	·557	·566	·569	·596	·581	·565	·556	·547	·543	·547	·589	·628	·596	·614	·626	·631	·650	·601	·577	·586
20	·587	·598	·576	·576	·542	·546	·550	·561	·563	·570	·576	·579	·583	·618	·631	·547	·586	·608	·644	·640	·650	·636	·617	·606	·591
21	·615	·607	·613	·613	·617	·621	·605	·600	·594	·595	·596	·601	·607	·617	·616	·610	·563	·576	·588	·565	·592	·569	·572	·589	·598
22	·594	·572	·581	·592	·620	·629	·639	·641	·658	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	·619	·580	·562	·545	·541	·549	·601	·594	·611	·603	·610	·609	·605	·576	·583	·596
24	·588	·584	·604	·606	·608	·588	·579	·560	·563	·555	·547	·559	·571	·558	·539	·570	·588	·610	·611	·631	·638	·711	·704	·650	·597
25	·651	·643	·641	·653	·653	·624	·605	·605	·594	·584	·574	·570	·567	·545	·519	·539	·508	·594	·626	·652	·646	·649	·672	·658	·607
26	·655	·643	·643	·637	·690	·610	·606	·585	·563	·547	·530	·536	·542	·574	·538	·547	·622	·661	·646	·691	·656	·655	·656	·645	·612
27	·665	·673	·677	·677	·660	·636	·626	·626	·645	·636	·627	·619	·612	·603	·599	·614	·669	·649	·653	·640	·666	·668	·585	·604	·639
28	·623	·648	·649	·655	·663	·662	·664	·654	·627	·615	·603	·607	·611	·620	·605	·634	·658	·668	·635	·660	·653	·659	·654	·626	·640
29	·642	·642	·641	·661	·670	·662	·658	·644	·641	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	·632	·622	·617	·612	·635	·635	·665	·675	·621	·609	·605	·610	·615	·617	·606	·635
31	·620	·625	·635	·648	·613	·626	·632	·630	·641	·629	·616	·605	·595	·590	·597	·623	·653	·628	·605	·637	·645	·660	·652	·629	·626
Means	0·656	·657	·656	·658	·656	·651	·652	·654	·655	·652	·649	·648	·648	·645	·644	·655	·671	·677	·679	·684	·682	·681	·666	·658	0·660

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR

HUMIDITY OF THE AIR—FEBRUARY 1859

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·65	0·72	0·70	0·72	0·85	0·88	0·90	0·90	0·92	*0·94	0·95	*0·94	0·93	0·87	0·90	0·90	0·77	0·69	0·66	0·64	0·63	0·63	0·62	0·63	0·789
2	·66	·72	·74	·77	·85	·86	·86	·88	·88	·87	·86	·86	·86	·88	·94	·84	·77	·69	·68	·62	·65	·65	·64	·70	·780
3	·73	·75	·81	·82	·86	·95	·94	·92	·91	·92	·93	·93	·94	·94	·94	·91	·83	·74	·67	·69	·67	·68	·67	·63	·824
4	·69	·76	·85	·89	·88	·87	·88	·89	·93	·95	·96	·95	·94	·93	·91	·92	·89	·83	·73	·65	·64	·62	·57	·59	·822
5	·63	·70	·77	·86	·85	·90	·93	·93	·94	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	·95	·95	·95	·95	·95	·95	·90	·80	·70	·69	·67	·67	·68	·67	·67	·819
7	·71	·74	·75	·77	·79	·79	·80	·81	·79	·81	·83	·84	·86	·91	·90	·82	·75	·73	·68	·69	·67	·68	·68	·70	·771
8	·74	·79	·81	·83	·83	·85	·83	·82	·83	·87	·91	·91	·92	·92	·92	·88	·79	·71	·72	·70	·68	·70	·73	·75	·810
9	·77	·81	·83	·85	·86	·85	·85	·87	·91	·91	·91	·92	·93	·94	·94	·92	·87	·75	·74	·72	·73	·71	·70	·71	·833
10	·75	·80	·83	·83	·85	·83	·87	·91	·95	·95	·95	·95	·95	·94	·94	·86	·81	·73	·72	·70	·65	·66	·68	·74	·827
11	·78	·78	·82	·84	·85	·85	·85	·86	·85	·86	·86	·85	·85	·84	·86	·83	·76	·75	·73	·71	·70	·70	·70	·71	·800
12	·72	·77	·79	·81	·81	·81	·82	·83	·83	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	·85	·87	·88	·89	·91	·93	·89	·79	·76	·70	·67	·70	·69	·69	·72	·797
14	·75	·78	·81	·84	·85	·87	·90	·95	·91	·91	·91	·92	·93	·95	·93	·86	·82	·75	·70	·69	·68	·71	·67	·69	·824
15	·73	·76	·76	·75	·76	·88	·87	·87	·91	·94	·97	·95	·93	·92	·92	·85	·77	·72	·68	·69	·67	·67	·68	·72	·807
16	·69	·76	·78	·81	·82	·83	·86	·88	·89	·93	·96	·95	·94	·93	·91	·87	·82	·77	·68	·64	·59	·59	·66	·66	·801
17	·70	·76	·79	·81	·83	·85	·85	·86	·87	·90	·93	·94	·95	·96	·95	·87	·82	·78	·71	·67	·67	·68	·69	·68	·813
18	·69	·72	·74	·77	·79	·79	·82	·86	·94	·94	·93	·94	·95	·94	·94	·87	·81	·70	·67	·68	·65	·65	·66	·66	·796
19	·70	·72	·75	·76	·77	·80	·86	·83	·86	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	·89	·91	·91	·91	·92	·94	·84	·73	·73	·69	·66	·61	·61	·60	·58	·774
21	·58	·65	·74	·78	·82	·80	·81	·84	·87	·89	·90	·90	·91	·90	·91	·91	·81	·72	·63	·62	·61	·60	·61	·62	·768
22	·63	·68	·73	·70	·72	·71	·64	·71	·84	·86	·87	·89	·91	·93	·90	·81	·74	·70	·63	·61	·60	·62	·65	·69	·740
23	·69	·72	·75	·78	·79	·81	·81	·82	·82	·82	·81	·87	·93	·94	·90	·85	·72	·72	·68	·68	·69	·69	·69	·69	·778
24	·72	·74	·77	·78	·79	·77	·77	·80	·86	·85	·83	·87	·91	·91	·93	·83	·74	·73	·68	·68	·67	·68	·69	·71	·780
25	·73	·76	·78	·80	·80	·81	·83	·85	·84	·84	·83	·86	·90	·93	·95	·86	·76	·76	·68	·67	·67	·65	·67	·69	·788
26	·69	·74	·78	·76	·78	·79	·79	·79	·81	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	·89	·97	·96	·96	·96	·93	·88	·76	·69	·68	·67	·64	·60	·60	·62	·781
28	·64	·70	·77	·79	·83	·83	·89	·88	·92	·92	·91	·91	·92	·92	·91	·81	·76	·69	·56	·67	·66	·62	·55	·59	·777
Means	0·699	·743	·777	·797	·818	·833	·843	·857	·878	·894	·905	·910	·920	·922	·923	·866	·787	·731	·683	·670	·658	·657	·657	·673	0·796

TENSION OF VAPOUR—FEBRUARY 1859

	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·611	0·622	0·585	0·592	0·629	0·622	0·624	0·614	0·605	0·610	0·615	0·588	0·562	0·539	0·563	0·646	0·628	0·613	0·615	0·608	0·614	0·610	0·609	0·612	0·606
2	·614	·628	·619	·628	·634	·639	·632	·639	·628	·623	·617	·614	·611	·617	·650	·635	·646	·659	·667	·657	·683	·702	·686	·705	·643
3	·701	·702	·716	·717	·722	·726	·715	·700	·693	·693	·692	·685	·679	·669	·651	·698	·699	·689	·668	·682	·698	·713	·714	·681	·696
4	·699	·724	·750	·754	·726	·706	·694	·688	·669	·656	·642	·663	·684	·674	·666	·714	·716	·713	·683	·683	·689	·691	·624	·614	·688
5	·639	·674	·695	·706	·674	·680	·681	·672	·668	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	·662	·655	·653	·652	·639	·636	·686	·704	·695	·693	·687	·700	·705	·705	·689	·677
7	·701	·709	·693	·697	·703	·703	·699	·691	·674	·674	·673	·674	·676	·689	·679	·669	·703	·741	·740	·755	·753	·766	·753	·742	·707
8	·758	·770	·770	·765	·762	·760	·742	·735	·738	·749	·759	·767	·775	·784	·785	·802	·777	·769	·778	·797	·790	·811	·814	·809	·774
9	·815	·812	·811	·819	·820	·813	·800	·798	·822	·817	·811	·812	·814	·817	·817	·818	·825	·789	·812	·829	·839	·818	·810	·817	·815
10	·816	·809	·808	·808	·816	·794	·798	·811	·794	·791	·788	·783	·778	·750	·745	·759	·800	·780	·780	·777	·767	·766	·770	·818	·788
11	·825	·794	·805	·812	·814	·800	·795	·797	·782	·786	·790	·780	·770	·763	·790	·786	·780	·789	·782	·779	·799	·787	·769	·762	·789
12	·774	·763	·767	·772	·768	·762	·758	·760	·762	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	·734	·706	·695	·685	·694	·720	·756	·749	·764	·769	·758	·769	·780	·771	·777	·751
14	·777	·771	·773	·783	·784	·779	·774	·771	·740	·739	·737	·734	·732	·721	·709	·721	·784	·766	·771	·767	·769	·786	·747	·747	·758
15	·758	·762	·763	·749	·739	·795	·776	·772	·790	·794	·798	·770	·743	·714	·710	·733	·735	·732	·740	·742	·728	·734	·742	·770	·754
16	·724	·743	·753	·760	·759	·761	·763	·765	·759	·754	·749	·734	·719	·699	·675	·699	·748	·754	·728	·723	·686	·681	·736	·735	·734
17	·748	·763	·762	·757	·755	·761	·748	·747	·749	·743	·736	·731	·726	·716	·705	·711	·757	·768	·750	·736	·740	·739	·742	·734	·743
18	·721	·729	·713	·713	·702	·702	·699	·696	·702	·697	·692	·698	·705	·696	·686	·700	·745	·695	·694	·713	·702	·701	·706	·704	·705
19	·713	·688	·698	·688	·686	·680	·692	·669	·660	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	·644	·627	·611	·596	·598	·612	·625	·641	·701	·717	·706	·693	703	·689	·652	·666
21	·629	·638	·667	·651	·642	·621	·616	·617	·614	·611	·607	·600	·593	·579	·590	·682	·704	·706	·664	·680	·666	·665	·666	·672	·641
22	·676	·667	·670	·623	·624	·615	·548	·589	·636	·641	·645	·644	·644	·636	·628	·657	·682	·690	·664	·664	·655	·711	·741	·768	·655
23	·734	·724	·721	·716	·713	·701	·695	·686	·677	·670	·662	·683	·705	·719	·704	·758	·753	·777	·772	·786	·802	·799	·786	·785	·730
24	·773	·763	·767	·774	·775	·746	·741	·768	·796	·778	·759	·763	·767	·734	·740	·767	·771	·798	·775	·790	·776	·790	·798	·814	·772
25	·814	·798	·781	·788	·782	·778	·792	·811	·795	·781	·766	·761	·757	·765	·776	·769	·773	·792	·763	·766	·797	·804	·800	·815	·784
26	·795	·799	·791	·765	·773	·775	·776	·769	·767	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	·753	·739	·731	·724	·720	·712	·756	·758	·742	·778	·774	·754	·710	·716	·723	·754
28	·717	·740	·756	·750	·755	·750	·748	·714	·725	·718	·710	·702	·694	·690	·671	·682	·738	·743	·652	·800	·783	·759	·663	·680	·722
Means	0·731	·733	·735	·733	·732	·728	·721	·720	·719	·713	·707	·703	·700	·693	·692	·718	·734	·736	·727	·736	·735	·739	·732	·734	0·723

*The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR

HUMIDITY OF THE AIR—MARCH 1859

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.14	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·63	0·69	0·75	0·77	0·77	0·80	0·82	0·85	0·87	*0·92	0·96	*0·96	0·95	0·94	0·93	0·82	0·76	0·66	0·60	0·61	0·60	0·60	0·61	0·61	0·770
2	·63	·67	·72	·74	·77	·79	·80	·84	·87	·91	·94	·94	·93	·92	·93	·86	·72	·68	·66	·67	·67	·65	·68	·70	·779
3	·72	·78	·81	·82	·82	·81	·82	·80	·87	·89	·91	·91	·91	·92	·90	·74	·73	·66	·63	·63	·69	·67	·69	·72	·785
4	·75	·79	·81	·83	·82	·83	·82	·82	·83	·84	·84	·83	·82	·84	·86	·80	·70	·61	·60	·59	·62	·65	·65	·67	·759
5	·74	·80	·85	·86	·86	·87	·87	·86	·89	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	·92	·95	·94	·93	·94	·92	·84	·75	·63	·58	·59	·62	·68	·70	·71	·804
7	·74	·82	·82	·83	·85	·84	·86	·86	·89	·92	·94	·95	·96	·94	·92	·83	·77	·67	·63	·57	·64	·63	·63	·66	·799
8	·71	·78	·83	·86	·88	·85	·87	·90	·91	·93	·94	·93	·93	·95	·95	·87	·77	·68	·67	·65	·63	·65	·64	·66	·810
9	·73	·77	·78	·80	·82	·83	·85	·85	·85	·90	·95	·95	·95	·92	·91	·85	·73	·64	·62	·63	·62	·66	·65	·70	·790
10	·72	·80	·82	·85	·85	·90	·90	·89	·91	·92	·93	·93	·94	·93	·93	·82	·77	·69	·66	·66	·67	·68	·68	·69	·814
11	·73	·79	·81	·84	·85	·85	·84	·89	·91	·93	·94	·96	·99	·93	·90	·83	·73	·68	·66	·64	·63	·66	·65	·66	·804
12	·71	·79	·81	·81	·85	·85	·87	·89	·89	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	·91	·93	·93	·93	·93	·93	·85	·76	·69	·58	·51	·55	·61	·60	·65	·785
14	·69	·76	·79	·83	·84	·83	·93	·87	·93	·95	·97	·97	·97	·96	·94	·80	·67	·60	·59	·57	·62	·65	·66	·67	·794
15	·68	·76	·81	·84	·84	·85	·88	·87	·85	·87	·89	·90	·91	·94	·91	·85	·80	·72	·60	·51	·48	·57	·64	·66	·776
16	·71	·79	·84	·82	·84	·86	·86	·85	·91	·91	·91	·92	·93	·97	·93	·86	·77	·70	·63	·54	·59	·60	·66	·64	·793
17	·69	·72	·76	·78	·80	·83	·85	·87	·87	·88	·89	·90	·91	·94	·91	·78	·72	·73	·68	·71	·71	·71	·73	·77	·797
18	·79	·85	·86	·86	·87	·90	·91	·91	·94	·95	·95	·93	·92	·90	·91	·85	·76	·68	·67	·68	·65	·61	·62	·66	·818
19	·71	·77	·81	·86	·90	·90	·89	·91	·93	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	·92	·91	·92	·94	·93	·89	·84	·74	·67	·64	·63	·64	·63	·59	·63	·800
21	·66	·68	·74	·79	·82	·83	·86	·87	·91	·91	·91	·91	·92	·91	·91	·80	·73	·69	·62	·62	·61	·62	·59	·64	·773
22	·69	·73	·78	·81	·85	·88	·90	·89	·92	·94	·95	·94	·94	·92	·91	·83	·74	·67	·66	·63	·64	·61	·64	·66	·797
23	·70	·73	·78	·78	·80	·84	·82	·83	·87	·89	·91	·91	·91	·90	·89	·80	·79	·72	·71	·68	·69	·71	·67	·69	·792
24	·72	·78	·78	·81	·82	·84	·85	·90	·86	·90	·94	·92	·91	·87	·84	·78	·71	·63	·62	·65	·64	·71	·75	·71	·789
25	·72	·78	·81	·83	·84	·88	·89	·89	·92	·92	·91	·92	·94	·93	·93	·82	·72	·69	·63	·68	·65	·66	·71	·71	·807
26	·75	·75	·78	·80	·82	·84	·86	·89	·88	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	·92	·95	·96	·98	·92	·94	·84	·75	·71	·62	·65	·62	·60	·66	·72	·800
28	·70	·77	·81	·84	·82	·82	·82	·82	·83	·85	·87	·90	·93	·94	·91	·83	·68	·65	·65	·62	·66	·67	·68	·67	·781
29	·71	·76	·79	·80	·80	·82	·82	·85	·85	·87	·88	·89	·90	·92	·89	·80	·71	·66	·65	·62	·63	·62	·63	·66	·772
30	·69	·73	·75	·77	·76	·78	·79	·79	·80	·84	·87	·88	·89	·88	·89	·77	·73	·70	·68	·68	·66	·57	·57	·58	·752
31	·66	·72	·75	·78	·78	·77	·76	·78	·79	·79	·79	·80	·82	·83	·76	·73	·66	·58	·59	·54	·63	·64	·71	·70	·723
Means	0·707	·761	·794	·815	·827	·840	·852	·861	·880	·900	·916	·919	·924	·919	·905	·818	·736	·670	·634	·621	·632	·641	·655	·674	0·788

TENSION OF VAPOUR—MARCH 1859

	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·693	0·711	0·732	0·733	0·730	0·734	0·736	0·735	0·736	*0·749	0·761	*0·739	0·718	0·702	0·688	0·698	0·738	0·704	0·682	0·714	0·714	0·708	0·720	0·692	0·719
2	·699	·690	·699	·709	·710	·706	·704	·715	·706	·701	·696	·689	·682	·668	·683	·747	·749	·752	·748	·788	·800	·779	·796	·789	·725
3	·797	·808	·809	·802	·803	·785	·783	·764	·776	·796	·816	·809	·803	·798	·776	·750	·803	·803	·824	·834	·885	·867	·861	·872	·809
4	·868	·878	·858	·855	·847	·841	·822	·816	·814	·798	·781	·770	·759	·768	·795	·853	·828	·795	·805	·811	·830	·852	·833	·843	·822
5	·866	·873	·894	·887	·887	·880	·881	·868	·890	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	·883	·875	·854	·833	·839	·851	·865	·851	·802	·782	·804	·855	·878	·864	·863	·859
7	·872	·886	·854	·858	·857	·844	·850	·839	·830	·838	·845	·843	·841	·818	·817	·824	·827	·823	·802	·782	·849	·847	·837	·838	·838
8	·842	·860	·878	·887	·882	·855	·853	·856	·836	·829	·822	·808	·794	·820	·838	·855	·841	·803	·823	·834	·800	·814	·795	·804	·835
9	·828	·823	·809	·810	·811	·820	·819	·811	·805	·810	·814	·806	·798	·787	·790	·797	·810	·776	·784	·801	·783	·813	·815	·833	·806
10	·831	·839	·830	·842	·827	·839	·834	·825	·816	·813	·810	·805	·801	·788	·782	·799	·821	·824	·839	·852	·868	·852	·840	·844	·826
11	·850	·850	·840	·850	·848	·841	·822	·852	·852	·846	·839	·834	·829	·777	·780	·802	·808	·798	·807	·806	·808	·812	·812	·813	·824
12	·820	·826	·829	·818	·832	·822	·825	·833	·825	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	·802	·778	·774	·771	·767	·785	·792	·815	·838	·779	·719	·767	·820	·823	·830	·804
14	·836	·836	·832	·843	·844	·821	·881	·827	·827	·830	·832	·826	·820	·809	·818	·816	·794	·791	·811	·831	·878	·898	·856	·833	·833
15	·824	·844	·839	·842	·840	·819	·840	·832	·819	·809	·798	·796	·795	·791	·780	·808	·830	·861	·791	·720	·735	·787	·834	·844	·812
16	·866	·884	·870	·836	·844	·850	·841	·822	·809	·806	·803	·802	·801	·816	·801	·829	·849	·834	·825	·759	·805	·787	·809	·769	·822
17	·790	·779	·792	·788	·796	·820	·827	·830	·827	·825	·822	·815	·809	·790	·781	·773	·806	·837	·821	·846	·856	·882	·840	·849	·817
18	·852	·859	·855	·841	·832	·834	·829	·823	·831	·816	·801	·771	·742	·732	·762	·792	·821	·805	·823	·837	·808	·746	·781	·808	·808
19	·832	·826	·819	·802	·802	·780	·769	·766	·765	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	·741	·716	·717	·719	·709	·712	·754	·779	·764	·774	·802	·803	·785	·742	·761	·768
21	·761	·746	·756	·771	·756	·743	·747	·738	·740	·737	·734	·736	·738	·711	·729	·729	·753	·780	·784	·797	·793	·806	·759	·788	·755
22	·804	·786	·805	·803	·785	·781	·775	·756	·756	·750	·743	·737	·731	·720	·735	·767	·778	·773	·783	·786	·804	·795	·794	·804	·773
23	·815	·814	·825	·822	·822	·830	·796	·781	·771	·780	·788	·785	·782	·770	·771	·777	·833	·835	·856	·847	·871	·856	·893	·887	·817
24	·892	·896	·878	·898	·903	·906	·903	·953	·861	·889	·916	·891	·866	·821	·833	·868	·856	·847	·859	·864	·892	·913	·900	·884	·883
25	·889	·890	·898	·898	·902	·911	·905	·890	·893	·883	·872	·858	·845	·834	·841	·865	·864	·869	·862	·869	·864	·908	·914	·907	·880
26	·897	·866	·859	·866	·867	·870	·877	·876	·862	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	·885	·907	·893	·880	·853	·867	·873	·866	·856	·822	·866	·838	·842	·890	·939	·872
28	·880	·898	·896	·879	·850	·839	·828	·823	·819	·823	·827	·837	·847	·839	·820	·868	·835	·841	·864	·861	·889	·904	·884	·873	·855
29	·872	·877	·878	·865	·854	·851	·836	·845	·825	·814	·802	·801	·801	·804	·803	·832	·820	·821	·835	·824	·853	·822	·827	·841	·833
30	·823	·828	·819	·819	·817	·824	·827	·821	·816	·835	·853	·848	·844	·807	·833	·848	·859	·868	·875	·881	·858	·800	·773	·779	·831
31	·826	·845	·839	·849	·840	·826	·821	·823	·828	·825	·821	·829	·837	·840	·799	·814	·794	·727	·781	·680	·796	·811	·862	·850	·815
Means	0·831	·834	·833	·832	·829	·825	·823	·819	·812	·812	·810	·803	·796	·784	·788	·807	·816	·808	·809	·808	·826	·829	·828	·831	0·816

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR.

HUMIDITY OF THE AIR—APRIL 1859

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·73	0·75	0·76	0·77	0·78	0·76	0·75	0·80	0·81	*0·81	0·81	*0·81	0·82	0·84	0·76	0·69	0·67	0·61	0·61	0·62	0·61	0·64	0·64	0·66	0·730
2	·68	·72	·76	·76	·76	·76	·75	·75	·78	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	—	·82	·86	·85	·85	·86	·88	·87	·79	·73	·71	·73	·71	·71	·73	·73	·773
4	·76	·78	·77	·79	·80	·83	·87	·88	·90	·89	·88	·92	·96	·92	·85	·81	·74	·76	·69	·68	·68	·67	·70	·69	·801
5	·73	·78	·78	·79	·80	·80	·81	·81	·80	·82	·84	·86	·88	·95	·91	·82	·72	·69	·60	·63	·64	·66	·64	·67	·768
6	·73	·76	·74	·74	·77	·78	·80	·85	·81	·83	·84	·86	·88	·90	·88	·84	·74	·69	·66	·63	·61	·64	·65	·67	·762
7	·73	·74	·77	·77	·78	·80	·80	·81	·80	·83	·86	·86	·87	·92	·89	·75	·71	·68	·66	·67	·66	·65	·62	·61	·760
8	·69	·72	·76	·78	·79	·80	·81	·82	·86	·87	·88	·90	·92	·91	·86	·73	·68	·63	·61	·63	·62	·63	·63	·64	·757
9	·70	·72	·71	·73	·77	·78	·79	·79	·80	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	·85	·89	·89	·89	·90	·87	·81	·77	·67	·63	·65	·64	·59	·65	·66	·756
11	·72	·76	·81	·82	·83	·84	·86	·86	·88	·87	·86	·87	·88	·94	·88	·80	·71	·65	64	·62	·65	·63	·64	·66	·778
12	·71	·75	·78	·81	·82	·84	·84	·86	·87	·90	·93	·95	·98	·96	·91	·78	·69	·62	·64	·64	·61	·64	·65	·66	·785
13	·69	·75	·76	·79	·80	·80	·80	·82	·84	·85	·86	·87	·88	·92	·81	·71	·64	·63	·63	·57	·54	·57	·59	·63	·740
14	·69	·74	·78	·78	·79	·82	·83	·82	·82	·84	·85	·87	·90	·91	·85	·76	·73	·65	·62	·61	·62	·61	·63	·66	·757
15	·67	·69	·70	·78	·78	·80	·81	·83	·85	·88	·91	·90	·90	·91	·86	·78	·72	·64	·58	·56	·58	·58	·65	·67	·751
16	·66	·72	·76	·76	·77	·77	·78	·86	·86	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	—	—	·87	·88	·89	·90	·90	·81	·75	·71	·62	·61	·62	·63	·61	·63	·69	·752
18	·68	·68	·74	·74	·76	·78	·78	·79	·80	·83	·86	·88	·90	·88	·84	·77	·71	·69	·61	·59	·58	·61	·65	·69	·743
19	·74	·75	·77	·77	·79	·80	·81	·80	·77	·79	·80	·83	·87	·86	·84	·70	·72	·62	·62	·61	·60	·60	·61	·62	·737
20	·63	·68	·72	·73	·77	·82	·87	·88	·88	·88	·87	·89	·91	·91	·86	·76	·67	·65	·57	·56	·58	·61	·59	·60	·745
21	·61	·66	·72	·70	·74	·76	·80	·80	·83	·85	·87	·87	·87	·87	·83	·71	·66	·59	·57	·54	·48	·45	·51	·58	·703
22	·66	·74	·75	·75	·79	·79	·79	·82	·84	·84	·84	·84	·85	·84	·77	·75	·74	·69	·80	·77	·69	·72	·73	·75	·773
23	·75	·73	·76	·77	·78	·79	·78	·78	·83	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	—	·86	·88	·88	·89	·90	·88	·81	·72	·77	·81	·83	·82	·85	·86	·87	·817
25	·87	·86	·87	·86	·84	·84	·84	·86	·87	·86	·85	·86	·87	·90	·91	·92	·90	·85	·78	·74	·70	·75	·79	·84	·843
26	·81	·83	·87	·85	·85	·80	·86	·90	·90	·91	·92	·93	·94	·88	·80	·78	·76	·80	·77	·79	·82	·90	·77	·81	·844
27	·82	·84	·88	·88	·88	·90	·90	·96	·92	·91	·89	·89	·89	·86	·80	·81	·79	·76	·75	·73	·74	·72	·73	·73	·832
28	·77	·78	·81	·84	·82	·85	·85	·87	·89	·89	·88	·89	·91	·88	·84	·79	·76	·76	·75	·73	·70	·78	·75	·78	·815
29	·79	·84	·81	·86	·86	·85	·85	·86	·86	·87	·87	·89	·91	·93	·88	·79	·75	·69	·65	·59	·63	·68	·68	·68	·795
Means	0·721	·751	·774	·785	·797	·806	·817	·835	·843	·857	·867	·878	·893	·898	·851	·780	·728	·686	·663	·654	·646	·660	·669	·690	0·773

TENSION OF VAPOUR—APRIL 1859

	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·849	0·848	0·841	0·838	0·841	0·819	0·817	0·804	0·808	*0·808	0·808	*0·809	0·810	0·829	0·797	0·765	0·780	0·741	0·795	0·783	0·793	0·803	0·778	0·788	0·806
2	·795	·813	·821	·817	·820	·811	·797	·798	·825	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	—	·851	·876	·875	·875	·881	·913	·869	·881	·895	·885	·895	·886	·892	·844	·840	·852
4	·843	·839	·827	·834	·836	·868	·880	·882	·887	·883	·878	·898	·918	·868	·842	·848	·846	·870	·864	·886	·883	·866	·906	·893	·869
5	·906	·907	·884	·888	·889	·883	·886	·871	·860	860	·860	·871	·882	·931	·935	·925	·905	·926	·882	·919	·946	·930	·903	·923	·899
6	·931	·923	·875	·868	·872	·883	·889	·941	·899	·900	·900	·894	·889	·901	·932	·937	·937	·926	·933	·900	·882	·880	·893	·879	·903
7	·895	·882	·882	·882	·884	·889	·883	·878	·859	·868	·876	·868	·861	·895	·891	·900	·886	·883	·892	·926	·933	·914	·863	·835	·884
8	·863	·877	·883	·890	·886	·890	·892	·889	·882	·882	·882	·888	·895	·891	·884	·901	·875	·842	·876	·884	·862	·862	·862	·862	·879
9	·877	·862	·840	·844	·848	·852	·856	·851	·851	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	·841	·830	·826	·823	·813	·840	·857	·884	·876	·884	·864	·863	·841	·926	·902	·856
11	·921	·918	·920	·915	·929	·932	·930	·923	·935	·921	·906	·903	·901	·893	·913	·921	·902	·898	·910	·888	·926	·884	·894	·902	·912
12	·923	·923	·912	·920	·924	·931	·931	·936	·934	·942	·950	·952	·955	·927	·920	·934	·903	·882	·913	·907	·884	·916	·892	·896	·921
13	·903	·907	·901	·907	·889	·893	·893	·895	·899	·895	·890	·889	·889	·893	·819	·818	·854	·865	·882	·879	·843	·871	·885	·893	·881
14	·902	·897	·907	·908	·912	·926	·913	·895	·883	·878	·872	·870	·869	·858	·863	·907	·865	·858	·861	·878	·888	·879	·894	·881	·886
15	·880	·872	·857	·873	·873	·889	·886	·883	·888	·872	·856	·845	·834	·836	·851	·866	·866	·856	·829	·807	·847	·835	·912	·904	·863
16	·880	·880	·890	·860	·857	·848	·851	·885	·879	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	—	—	·881	·882	·879	·876	·862	·869	·877	·871	·876	·876	·883	·887	·876	·886	·906	·876
18	·892	·886	·867	·869	·875	·875	·866	·857	·861	·869	·877	·883	·890	·863	·872	·902	·888	·912	·878	·870	·883	·905	·917	·918	·882
19	·933	·910	·910	·904	·905	·906	·898	·891	·880	·879	·878	·876	·875	·850	·876	·858	·882	·853	·884	·884	·873	·857	·860	·851	·882
20	·839	·850	·855	·849	·856	·865	·874	·833	·840	·834	·827	·824	·822	·809	·851	·877	·845	·846	·797	·802	·829	·851	·836	·842	·840
21	·820	·865	·846	·797	·826	·814	·810	·804	·815	·808	·798	·792	·786	·762	·786	·788	·797	·750	·790	·792	·720	·690	·730	·779	·790
22	·841	·895	·861	·858	·866	·857	·857	·876	·871	·857	·842	·844	·847	·844	·850	·872	·869	·838	·830	·789	·781	·835	·854	·862	·850
23	·851	·825	·844	·856	·854	·857	·852	·854	·861	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	—	·887	·912	·902	·891	·881	·896	·896	·875	·942	·951	·949	·923	·845	·851	·850	·879
25	·854	·876	·880	·865	·843	·842	·843	·864	·853	·839	·825	818	·811	·835	·865	·893	·923	·934	·921	·929	·906	·922	·962	·969	·878
26	·892	·889	·904	·883	·869	·810	·862	·869	·856	·862	·868	·873	·879	·877	·855	·883	·900	·920	·946	·966	·948	·931	·922	·951	·892
27	·947	·939	·923	·924	·918	·931	·925	·948	·936	·926	·915	·918	·921	·890	·897	·943	·961	·957	·898	·916	·939	·956	·926	·918	·928
28	·916	·901	·902	·906	·894	·903	·894	·915	·929	·924	·919	·919	·920	·888	·870	·892	·904	·932	·949	·932	·916	·969	·964	·963	·918
29	·957	·959	·922	·929	·930	·909	·903	·897	·864	·858	·852	·844	·836	·873	·898	·907	·934	·911	·912	·879	·903	·924	·888	·904	·900
Means	0·877	·886	·878	·875	·876	·875	·875	·878	·874	·873	·871	·870	·870	·866	·871	·881	·881	·880	·881	·880	·878	·877	·882	·884	0·877

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR

HUMIDITY OF THE AIR—MAY 1859

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.14	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
April 30	0·71	0·76	0·82	0·80	0·82	0·85	0·86	0·87	0·87	* —	—	* —	—	—	—	—	—	—	—	—	—	—	—	—	—
1	—	—	—	—	—	—	—	—	—	0·87	0·86	0·88	0·90	0·93	0·88	0·76	0·68	0·62	0·59	0·60	0·70	0·71	0·70	0·68	0·780
2	·70	·76	·81	·85	·85	·86	·86	·86	·90	·89	·88	·89	·90	·91	·85	·77	·72	·62	·60	·59	·55	·53	·67	·68	·771
3	·68	·74	·81	·86	·85	·87	·87	·88	·88	·90	·91	·92	·94	·93	·86	·76	·62	·60	·57	·54	·51	·61	·66	·69	·769
4	·75	·79	·82	·84	·88	·90	·89	·89	·88	·89	·90	·91	·93	·92	·87	·80	·72	·71	·77	·64	·63	·60	·61	·57	·796
5	·66	·76	·82	·86	·87	·88	·88	·86	·86	·86	·86	·87	·88	·89	·86	·80	·71	·72	·72	·72	·67	·64	·71	·74	·796
6	·78	·72	·78	·82	·83	·83	·86	·88	·88	·91	·93	·90	·87	·79	·79	·68	·61	·65	·55	·49	·59	·65	·66	·62	·753
7	·62	·71	·77	·82	·87	·85	·87	·88	·92	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	—	·94	·96	·94	·92	·88	·83	·76	·68	·62	·54	·51	·46	·58	·63	·65	·759
9	·67	·78	·84	·85	·87	·87	·86	·84	·87	·86	·84	·84	·84	·83	·70	·67	·60	·56	·52	·47	·44	·41	·36	·54	·705
10	·79	·86	·86	·87	·87	·86	·87	·90	·90	·91	·92	·93	·94	·88	·83	·68	·58	·45	·39	·31	·31	·34	·42	·50	·715
11	·59	·64	·68	·73	·73	·82	·86	·86	·84	·85	·85	·86	·88	·88	·82	·71	·68	·60	·51	·55	·61	·62	·65	·65	·728
12	·68	·80	·85	·86	·87	·88	·88	·88	·87	·88	·88	·89	·91	·90	·86	·77	·69	·64	·58	·64	·68	·65	·67	·68	·787
13	·73	·81	·86	·86	·87	·84	·85	·84	·86	·87	·87	·88	·90	·90	·85	·80	·72	·74	·71	·72	·69	·69	·70	·70	·802
14	·74	·78	·83	·87	·87	·88	·90	·88	·87	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	·90	·92	·92	·93	·95	·88	·81	·74	·73	·65	·65	·62	·59	·61	·63	·798
16	·71	·80	·79	·82	·86	·89	·88	·88	·89	·90	·90	·90	·90	·92	·84	·79	·74	·74	·72	·70	·72	·69	·71	·71	·808
17	·75	·79	·87	·87	·88	·88	·90	·93	·92	·90	·88	·88	·88	·88	·79	·77	·74	·69	·72	·68	·67	·69	·68	·68	·805
18	·71	·82	·71	·74	·80	·84	·84	·89	·90	·89	·88	·89	·90	·89	·82	·74	·62	·63	·60	·64	·70	·65	·68	·70	·770
19	·74	·74	·85	·87	·84	·85	·86	·84	·92	·93	·94	·93	·92	·94	·80	·73	·66	·62	·63	·64	·63	·62	·62	·63	·781
20	·66	·78	·81	·83	·85	·85	·83	·84	·83	·85	·87	·88	·90	·88	·77	·66	·60	·55	·48	·42	·40	·61	·64	·65	·727
21	·68	·74	·77	·79	·81	·81	·82	·83	·82	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	·81	·80	·82	·85	·83	·74	·69	·66	·62	·63	·65	·67	·71	·68	·74	·749
23	·73	·78	·82	·81	·81	·84	·84	·85	·86	·87	·88	·90	·92	·92	·87	·79	·74	·67	·62	·68	·68	·67	·67	·65	·786
24	·65	·71	·80	·85	·83	·86	·87	·90	·89	·89	·89	·85	·82	·79	·73	·65	·74	·71	·63	·61	·66	·62	·57	·61	·755
25	·68	·75	·80	·84	·84	·88	·87	·87	·86	·87	·88	·87	·86	·84	·77	·68	·60	·54	·54	·60	·59	·61	·66	·62	·747
26	·62	·68	·77	·78	·79	·83	·84	·87	·90	·89	·87	·87	·88	·88	·81	·74	·68	·64	·63	·60	·60	·60	·65	·69	·755
27	·68	·78	·83	·84	·86	·85	·83	·83	·84	·85	·86	·87	·88	·87	·82	·74	·65	·62	·62	·70	·67	·67	·67	·65	·770
28	·75	·77	·78	·79	·83	·86	·86	·86	·85	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	—	·84	·82	·82	·83	·80	·73	·67	·58	·56	·46	·43	·47	·50	·60	·64	·712
30	·67	·72	·76	·76	·73	·75	·76	·77	·75	·81	·86	·85	·84	·78	·66	·62	·60	·52	·52	·47	·46	·50	·57	·60	·680
31	·60	·67	·70	·73	·78	·79	·80	·79	·78	·81	·83	·83	·84	·87	·71	·59	·53	·50	·44	·41	·47	·47	·52	·61	·670
Means	0·694	·757	·800	·823	·836	·851	·856	·862	·867	·876	·879	·881	·887	·877	·805	·727	·663	·625	·590	·580	·587	·601	·629	·649	0·758

TENSION OF VAPOUR—MAY 1859

	In.	In.	In.	In.	In.	In.	In.	In.	In.	* In.	In.	* In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
April 30	0·899	0·901	0·918	0·896	0·910	0·918	0·912	0·894	0·894	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1	—	—	—	—	—	—	—	—	—	0·900	0·906	0·914	0·923	0·916	0·945	0·923	0·869	0·849	0·862	0·865	0·985	1·006	0·985	0·933	0·913
2	·935	·940	·946	·955	·953	·942	·930	·923	·905	·895	·884	·887	·890	·891	·904	·909	·930	·853	·875	·930	·876	0·876	1·020	·997	·919
3	·954	·952	·958	·968	·969	·971	·971	·982	·973	·961	·949	·938	·928	·903	·890	·896	·824	·854	·869	·888	·887	1·001	·004	·983	·936
4	·918	·935	·959	·982	1·005	1·017	1·008	·996	·973	·976	·978	·986	·995	·976	·971	·975	·955	·970	·999	·906	·926	0·907	0·909	·839	·961
5	·912	·963	·989	1·003	·010	·005	·006	·977	·968	·947	·926	·934	·942	·929	·967	·970	·959	·988	·998	1·015	·969	·945	1·017	1·013	·973
6	·978	·877	·949	0·969	0·978	0·961	0·981	·990	·973	·984	·994	·923	·853	·754	·800	·824	·806	·941	·851	0·824	·900	·920	0·936	0·862	·909
7	·854	·887	·921	·946	·985	·976	·971	·974	·984	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	—	1·006	1·028	1·006	·984	·944	·958	·950	·948	·941	·887	·874	·844	·934	·958	·966	·947
9	·975	1·010	1·023	1·030	1·036	1·030	1·016	·996	1·004	0·968	0·931	0·918	·906	·899	·834	·863	·870	·882	·886	·838	·849	·838	·773	·904	·928
10	1·007	·036	·030	·033	·034	·025	·032	1·040	·043	1·034	1·025	1·020	1·015	·940	·922	·883	·863	·738	·705	·613	·618	·674	·759	·864	·915
11	0·923	0·922	0·907	0·928	0·912	0·988	·014	0·999	0·996	0·969	0·941	0·938	0·935	·918	·932	·894	·942	·932	·865	·936	·978	·971	·984	·990	·946
12	·967	1·012	1·033	1·028	1·034	1·036	·022	1·005	·991	·982	·973	·978	·983	·981	·983	1·001	·979	·975	·944	·985	1·028	·989	·997	1·001	·996
13	·990	·014	·028	·030	·028	·003	0·997	0·978	·993	·983	·972	·972	·973	·972	·981	·010	1·009	1·057	1·024	1·040	·033	1·029	1·029	·019	1·007
14	1·034	·026	·028	·032	·034	·036	1·027	1·005	·998	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	·977	·955	·943	·931	·931	·948	0·978	0·988	·012	0·943	0·948	0·944	0·925	0·946	0·924	0·980
16	0·978	·011	0·985	0·998	·007	·025	·005	·007	1·003	·983	·962	·952	·942	·953	·964	·977	1·000	·050	1·025	1·025	1·044	1·005	1·033	1·010	·998
17	1·026	·019	1·041	1·034	·034	·007	·011	·016	0·984	·967	·950	·934	·919	·913	·915	·946	0·963	0·971	·009	0·988	0·990	0·983	0·970	0·970	·982
18	0·977	·017	0·848	0·855	0·895	0·931	0·931	0·964	·978	·976	·973	·960	·948	·945	·956	·956	·863	·911	0·906	·951	1·027	·957	·966	·978	·945
19	·988	0·976	1·012	1·010	·970	·979	·970	·964	·986	·988	·989	·972	·955	·949	·889	·901	·905	·908	·949	·979	0·960	·946	·918	·920	·958
20	·937	·990	0·990	0·992	·998	·991	·960	·964	·928	·936	·943	·952	·962	·911	·878	·867	·866	·877	·820	·755	·775	·975	·958	·957	·924
21	·968	·981	·970	·977	·983	·979	·989	·976	·957	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	·884	·810	·836	·863	·840	·790	·812	·833	·853	·917	·942	·949	·975	·951	·942	·916
23	·945	·950	·941	·934	·926	·963	·964	·959	·943	·944	·944	·952	·960	·960	·965	·977	·990	·983	·966	1·020	1·002	1·003	1·016	·983	·966
24	·955	·967	·981	1·052	1·029	1·037	1·034	1·040	1·008	·975	·942	·898	·854	·800	·814	·779	·852	·878	·887	0·883	0·895	0·853	0·850	·871	·922
25	·903	·927	·944	0·956	0·957	0·973	0·965	0·955	0·936	·939	·942	·928	·914	·901	·923	·877	·851	·843	·879	·957	·938	·925	·960	·865	·923
26	·865	·890	·923	·924	·929	·960	·963	·972	·973	·963	·953	·947	·942	·927	·934	·929	·915	·915	·933	·926	·901	·906	·957	·979	·934
27	·975	·974	1·000	1·002	1·000	·991	·965	·961	·962	·954	·945	·943	·942	·933	·936	·931	·898	·899	·946	1·033	·978	·966	·962	·926	·959
28	·992	·984	0·981	0·990	·005	1·020	1·000	·996	·966	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	—	·915	·864	·866	·868	·836	·850	·872	·852	·904	·800	0·811	·841	·896	·998	·992	·921
30	·996	·982	·984	·964	0·943	0·928	0·906	·902	·871	·899	·926	·910	·894	·843	·785	·832	·849	·818	·867	·839	·830	·839	·923	·940	·895
31	·936	·934	·928	·942	·969	·975	·966	·952	·943	·946	·949	·943	·938	·941	·863	·782	·772	·806	·751	·765	·812	·785	·840	·940	·891
Means	0·955	·966	·971	·979	·983	·988	·982	·977	·968	·957	·946	·939	·932	·911	·907	·908	·902	·911	·902	·909	·918	·927	·949	·947	0·943

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR

HUMIDITY OF THE AIR—JUNE 1859

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·65	0·73	0·80	0·77	0·77	0·79	0·80	0·81	0·80	*0·79	0·77	*0·79	0·82	0·82	0·71	0·64	0·55	0·50	0·46	0·43	0·46	0·49	0·57	0·57	0·679
2	·62	·64	·66	·69	·70	·75	·74	·70	·65	·68	·70	·70	·70	·70	·62	·61	·62	·51	·48	·44	·44	·39	·42	·41	·607
3	·63	·67	·73	·75	·77	·79	·80	·80	·81	·81	·80	·79	·79	·77	·62	·60	·57	·53	·50	·47	·42	·48	·47	·49	·661
4	·60	·68	·73	·74	·76	·76	·76	·77	·77	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	·83	·88	·86	·85	·83	·83	·72	·66	·61	·62	·56	·53	·49	·49	·46	·700
6	·63	·68	·76	·78	·79	·80	·80	·82	·84	·85	·85	·88	·91	·84	·76	·69	·65	·59	·57	·54	·50	·48	·48	·59	·712
7	·61	·67	·71	·74	·76	·75	·77	·77	·77	·83	·88	·89	·91	·88	·82	·80	·67	·58	·57	·56	·51	·52	·64	·66	·720
8	·72	·75	·77	·78	·77	·74	·75	·75	·76	·81	·85	·83	·82	·84	·74	·71	·62	·63	·63	·64	·63	·63	·64	·69	·729
9	·74	·79	·77	·79	·81	·81	·83	·83	·83	·88	·92	·91	·90	·85	·82	·75	·76	·70	·65	·59	·60	·57	·62	·69	·767
10	·76	·79	·83	·83	·84	·83	·86	·84	·84	·83	·82	·85	·88	·88	·83	·83	·76	·67	·62	·58	·56	·57	·59	·66	·765
11	·67	·72	·78	·84	·84	·80	·82	·83	·82	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	·88	·94	·93	·92	·93	·83	·79	·70	·65	·64	·56	·56	·56	·58	·57	·757
13	·59	·60	·63	·64	·72	·73	·73	·74	·77	·76	·75	·78	·82	·83	·79	·79	·75	·67	·62	·58	·53	·51	·56	·58	·686
14	·62	·63	·61	·61	·64	·65	·66	·68	·76	·80	·84	·87	·90	·92	·76	·70	·64	·59	·55	·53	·47	·48	·49	·44	·660
15	·48	·55	·57	·57	·57	·63	·67	·67	·67	·72	·77	·76	·75	·70	·72	·67	·60	·56	·50	·47	·47	·48	·45	·45	·602
16	·48	·52	·72	·75	·78	·83	·82	·83	·82	·84	·86	·85	·85	·81	·81	·70	·65	·63	·61	·53	·49	·45	·45	·44	·688
17	·47	·62	·72	·72	·74	·77	·77	·79	·77	·78	·78	·78	·78	·76	·72	·69	·64	·55	·50	·46	·46	·45	·43	·44	·650
18	·73	·73	·73	·74	·80	·79	·78	·79	·82	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	·79	·75	·79	·83	·85	·82	·73	·66	·57	·55	·46	·44	·43	·44	·56	·691
20	·61	·75	·80	·84	·84	·80	·83	·84	·82	·84	·86	·83	·81	·82	·78	·70	·61	·58	·54	·49	·49	·47	·65	·71	·721
21	·81	·81	·84	·89	·80	·82	·82	·81	·83	·83	·82	·84	·86	·88	·85	·82	·72	·67	·65	·61	·61	·59	·59	·59	·765
22	·73	·75	·79	·80	·86	·86	·86	·86	·86	·87	·88	·86	·85	·83	·83	·77	·71	·63	·59	·57	·53	·54	·59	·65	·753
23	·68	·71	·80	·86	·86	·87	·88	·89	·87	·88	·88	·87	·86	·88	·76	·70	·55	·52	·50	·46	·43	·40	·52	·59	·717
24	·66	·66	·74	·81	·82	·84	·83	·86	·82	·85	·88	·87	·86	·82	·73	·64	·50	·47	·43	·40	·40	·57	·56	·58	·692
25	·62	·71	·79	·78	·82	·82	·85	·89	·89	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	·86	·82	·82	·82	·80	·82	·76	·71	·60	·55	·48	·41	·43	·60	·64	·720
27	·64	·73	·80	·83	·82	·83	·84	·85	·76	·81	·86	·85	·84	·83	·79	·73	·56	·49	·46	·44	·44	·39	·53	·59	·696
28	·68	·67	·73	·76	·78	·79	·82	·82	·82	·82	·82	·83	·84	·86	·79	·69	·56	·49	·42	·46	·48	·46	·51	·55	·685
29	·58	·71	·67	·72	·73	·74	·76	·77	·79	·79	·79	·79	·79	·82	·72	·64	·57	·51	·48	·50	·52	·59	·55	·65	·674
30	·66	·72	·76	·79	·82	·80	·81	·78	·73	·75	·76	·77	·78	·81	·76	·68	·69	·71	·66	·66	·64	·66	·68	·71	·733
Means	0·641	·692	·740	·762	·777	·784	·795	·800	·796	·815	·828	·830	·836	·829	·770	·713	·642	·585	·552	·518	·501	·503	·542	·575	0·701

TENSION OF VAPOUR—JUNE 1859

	In.	In.	In.	In.	In.	In.	In.	In.	In.	*In.	In.	*In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·984	1·000	1·027	0·967	0·957	0·954	0·963	0·967	0·949	0·930	0·910	0·917	0·925	0·926	0·876	0·894	0·821	0·820	0·809	0·811	0·830	0·850	0·923	0·890	0·913
2	·899	0·904	0·906	·922	·917	·959	·929	·878	·825	·842	·859	·842	·826	·805	·737	·791	·838	·722	·712	·687	·726	·690	·761	·744	·822
3	·865	·883	·908	·922	·931	·946	·949	·947	·935	·928	·920	·913	·906	·848	·735	·787	·838	·816	·799	·763	·753	·766	·770	·764	·858
4	·843	·888	·925	·930	·938	·938	·938	·937	·924	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	·919	·913	·888	·863	·840	·872	·866	·860	·869	·915	·884	·891	·828	·847	·811	·889
6	·898	·905	·935	·944	·946	·949	·949	·950	·947	·941	·934	·942	·951	·893	·847	·824	·833	·832	·847	·857	·829	·843	·855	·934	·899
7	·927	·934	·939	·940	·945	·928	·940	·908	·908	·913	·917	·933	·949	·918	·926	·918	·878	·843	·869	·881	·836	·839	·957	·937	·912
8	·963	·920	·908	·905	·885	·852	·857	·842	·846	·878	·910	·888	·867	·878	·875	·858	·828	·884	·873	·919	·909	·902	·918	·938	·888
9	·948	·963	·937	·945	·959	·953	·960	·955	·947	·924	·900	·886	·873	·847	·844	·802	·817	·826	·833	·833	·873	·863	·949	·950	·899
10	·966	·949	·958	·936	·941	·929	·951	·939	·931	·914	·897	·888	·879	·883	·868	·893	·938	·872	·840	·834	·830	·856	·848	·879	·901
11	·871	·890	·909	·909	·900	·827	·839	·834	·816	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	·857	·898	·888	·878	·881	·886	·886	·876	·864	·913	·845	·829	·863	·832	·784	·866
13	·800	·798	·806	·804	·861	·865	·870	·867	·878	·841	·803	·823	·844	·840	·824	·887	·893	·888	·823	·814	·803	·773	·831	·813	·835
14	·814	·806	·771	·765	·775	·780	·778	·786	·846	·862	·878	·877	·876	·887	·793	·797	·809	·810	·779	·807	·735	·751	·790	·721	·804
15	·755	·762	·762	·761	·751	·772	·786	·780	·776	·805	·833	·811	·789	·737	·751	·794	·791	·800	·767	·734	·756	·800	·758	·722	·773
16	·759	·782	·869	·899	·883	·884	·864	·861	·836	·844	·851	·841	·832	·812	·828	·834	·833	·849	·878	·798	·789	·753	·776	·796	·831
17	·781	·853	·898	·892	·899	·909	·908	·892	·850	·852	·854	·848	·843	·821	·806	·824	·835	·783	·749	·738	·769	·814	·777	·796	·833
18	·929	·932	·897	·897	·918	·915	·908	·887	·854	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	·795	·736	·765	·794	·811	·783	·782	·783	·762	·789	·719	·734	·743	·751	·822	·821
20	·850	·909	·883	·931	·933	·891	·884	·870	·837	·829	·820	·792	·765	·777	·792	·801	·770	·774	·774	·752	·790	·813	·901	·947	·837
21	·874	·863	·924	·960	·809	·837	·836	·835	·831	·825	·818	·820	·823	·821	·827	·854	·850	·867	·896	·876	·890	·897	·905	·914	·860
22	·961	·908	·911	·895	·954	·939	·927	·911	·906	·884	·862	·850	·838	·821	·838	·846	·856	·827	·817	·830	·820	·846	·893	·897	·877
23	·900	·887	·921	·967	·962	·966	·942	·945	·925	·906	·887	·869	·851	·832	·793	·803	·715	·728	·717	·713	·732	·712	·782	·851	·846
24	·928	·897	·876	·926	·934	·939	·929	·920	·912	·911	·910	·893	·876	·817	·788	·793	·693	·679	·688	·665	·700	·863	·848	·847	·843
25	·863	·924	·939	·915	·933	·923	·930	·938	·929	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	·900	·870	·861	·853	·833	·864	·912	·919	·842	·807	·783	·720	·792	·906	·897	·877
27	·880	·905	·921	·933	·921	·922	·933	·910	·791	·824	·856	·849	·842	·840	·828	·852	·741	·714	·668	·704	·724	·701	·854	·874	·833
28	·919	·857	·865	·872	·883	·888	·894	·895	·888	·880	·871	·871	·871	·864	·881	·855	·770	·737	·677	·750	·774	·735	·801	·849	·839
29	·859	·939	·832	·874	·872	·867	·876	·879	·885	·871	·857	·842	·828	·836	·824	·830	·831	·775	·766	·788	·827	·928	·861	1·017	·857
30	·938	·925	·939	·943	·954	·934	·935	·898	·824	·821	·817	·816	·816	·819	·836	·834	·849	·888	·915	·924	·916	·928	·913	0·931	·888
Means	0·884	·892	·899	·906	·906	·903	·903	·893	·877	·873	·868	·862	·856	·842	·828	·839	·826	·810	·805	·796	·799	·813	·846	·859	0·858

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR

HUMIDITY OF THE AIR—JULY 1859

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.42	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·74	0·79	0·83	0·85	0·84	0·84	0·82	0·88	0·86	*0·87	0·87	*0·87	0·88	0·81	0·81	0·72	0·64	0·66	0·62	0·64	0·59	0·58	0·60	0·64	0·760
2	·67	·72	·75	·78	·79	·80	·83	·88	·85	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	—	·88	·90	·89	·89	·91	·82	·74	·72	·63	·63	·59	·55	·60	·66	·60	·753
4	·60	·62	·74	·77	·80	·80	·83	·84	·85	·88	·91	·89	·88	·91	·84	·70	·61	·56	·55	·56	·59	·59	·60	·60	·730
5	·64	·68	·75	·77	·78	·80	·79	·80	·83	·86	·88	·87	·86	·88	·80	·67	·65	·60	·62	·59	·56	·58	·60	·68	·731
6	·70	·72	·78	·78	·79	·80	·82	·83	·84	·85	·85	·86	·88	·89	·77	·75	·62	·61	·63	·61	·59	·64	·71	·66	·749
7	·67	·74	·82	·84	·87	·84	·84	·86	·87	·89	·90	·91	·92	·93	·77	·70	·61	·56	·50	·57	·59	·58	·59	·59	·748
8	·64	·70	·74	·76	·77	·78	·81	·82	·82	·83	·84	·85	·86	·88	·83	·74	·69	·61	·56	·61	·63	·59	·63	·64	·735
9	·67	·69	·66	·70	·74	·76	·77	·80	·84	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	·84	·84	·84	·85	·83	·77	·67	·61	·64	·63	·61	·67	·66	·68	·67	·727
11	·68	·70	·73	·74	·75	·76	·80	·80	·84	·84	·84	·89	·94	·94	·95	·95	·92	·93	·92	·86	·83	·74	·82	·79	·832
12	·86	·86	·87	·88	·95	·96	·88	·88	·91	·91	·91	·91	·91	·89	·87	·89	·87	·85	·81	·79	·86	·82	·77	·75	·869
13	·88	·90	·93	·92	·91	·92	·93	·92	·96	·94	·92	·93	·94	·95	·92	·87	·79	·74	·76	·75	·80	·77	·77	·75	·870
14	·72	·79	·85	·88	·89	·90	·90	·92	·95	·96	·97	·97	·97	·94	·91	·84	·81	·74	·71	·65	·64	·64	·65	·77	·832
15	·75	·80	·84	·84	·87	·90	·86	·81	·82	·84	·86	·88	·91	·95	·93	·88	·84	·82	·78	·72	·69	·69	·74	·72	·822
16	·74	·79	·84	·85	·86	·89	·91	·91	·91	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	—	—	·94	·97	·95	·94	·94	·91	·90	·86	·85	·82	·79	·81	·78	·79	·79	·864
18	·80	·83	·85	·81	·86	·89	·90	·89	·91	·89	·87	·87	·88	·87	·87	·85	·83	·79	·71	·69	·65	·66	·65	·68	·812
19	·74	·80	·80	·85	·85	·86	·87	·85	·83	·83	·83	·85	·88	·87	·83	·80	·75	·70	·65	·62	·59	·60	·60	·59	·768
20	·62	·65	·71	·74	·75	·75	·78	·80	·80	·83	·85	·86	·87	·87	·82	·79	·80	·72	·69	·72	·62	·66	·69	·72	·755
21	·75	·78	·79	·77	·77	·78	·78	·80	·78	·79	·80	·80	·81	·81	·79	·79	·82	·77	·70	·68	·63	·60	·61	·64	·752
22	·64	·83	·87	·88	·91	·93	·93	·91	·89	·90	·90	·89	·88	·86	·82	·75	·71	·68	·64	·63	·63	·63	·62	·60	·789
23	·63	·64	·75	·81	·81	·79	·79	·79	·80	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	—	·80	·80	·79	·78	·75	·75	·74	·62	·56	·55	·53	·54	·55	·55	·56	·695
25	·57	·60	·57	·62	·68	·72	·71	·71	·71	·72	·73	·74	·76	·72	·67	·69	·63	·62	·59	·55	·48	·45	·48	·51	·635
26	·54	·57	·57	·62	·64	·65	·67	·68	·70	·72	·73	·74	·75	·75	·71	·64	·61	·55	·54	·55	·51	·48	·46	·44	·617
27	·45	·50	·54	·59	·62	·64	·68	·70	·75	·77	·78	·78	·79	·74	·68	·69	·62	·58	·53	·51	·50	·48	·45	·48	·619
28	·50	·51	·54	·53	·55	·60	·59	·61	·63	·66	·69	·73	·78	·71	·79	·67	·55	·53	·50	·50	·47	·44	·46	·48	·584
29	·47	·53	·56	·71	·77	·84	·84	·84	·83	·84	·84	·81	·78	·78	·73	·70	·67	·64	·59	·54	·53	·51	·49	·48	·680
30	·68	·74	·80	·82	·82	·80	·86	·88	·86	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
31	—	—	—	—	—	—	—	—	—	·85	·84	·82	·81	·84	·80	·77	·70	·58	·57	·55	·56	·50	·63	·63	·738
Means	0·667	·711	·749	·773	·794	·808	·815	·823	·832	·843	·851	·853	·862	·855	·814	·765	·713	·674	·646	·631	·620	·608	·627	·633	0·749

TENSION OF VAPOUR—JULY 1859

	In.	In.	In.	In.	In.	In.	In.	In.	In.	*In.	In.	*In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·942	0·954	0·953	0·955	0·939	0·931	0·912	0·911	0·905	0·896	0·886	0·878	0·871	0·805	0·811	0·778	0·775	0·812	0·853	0·922	0·899	0·898	0·849	0·865	0·883
2	·899	·904	·900	·905	·910	·922	·929	·973	·934	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	—	·941	·947	·934	·921	·920	·903	·901	·913	·912	·917	·919	·853	·891	·933	·849	·914
4	·843	·861	·882	·909	·920	·922	·929	·932	·935	·941	·946	·917	·889	·891	·906	·868	·820	·818	·829	·853	·897	·855	·874	·878	·888
5	·897	·918	·921	·923	·919	·919	·911	·921	·929	·923	·917	·899	·881	·882	·897	·815	·872	·873	·908	·877	·844	·866	·855	·946	·896
6	·944	·952	·940	·904	·902	·904	·913	·898	·900	·899	·898	·890	·883	·900	·886	·916	·886	·905	·943	·927	·901	·972	1·006	·938	·917
7	·939	·966	·989	·995	1·001	·963	·964	·962	·965	·959	·953	·950	·947	·940	·915	·916	·876	·844	·823	·893	·931	·926	0·935	·904	·936
8	·916	·921	·931	·921	0·908	·925	·935	·929	·924	·928	·932	·930	·929	·926	·922	·917	·912	·863	·841	·940	·965	·930	·950	·949	·923
9	·954	·969	·843	·857	·899	·896	·908	·919	·931	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	·902	·873	·861	·850	·831	·838	·829	·820	·890	·907	·886	·948	·933	·931	·937	·892
11	·940	·935	·925	·922	·932	·884	·889	·889	·900	·885	·870	·878	·886	·878	·902	·875	·853	·855	·834	·844	·868	·869	·885	·858	·886
12	·879	·873	·866	·868	·875	·836	·801	·802	·809	·806	·803	·796	·790	·776	·779	·773	·773	·833	·842	·848	·894	·894	·917	·916	·835
13	·953	·954	·965	·961	·921	·922	·932	·924	·933	·914	·895	·889	·883	·875	·888	·903	·914	·953	·991	1·010	1·012	·992	·944	·948	·936
14	·940	·961	·950	·950	·830	·828	·834	·840	·866	·865	·864	·871	·879	·873	·891	·902	·928	·930	·959	0·903	0·919	·928	·955	1·007	·903
15	·954	·953	·966	·939	·940	·887	·823	·819	·824	·846	·867	·876	·886	·902	·896	·905	·917	·925	·921	·897	·912	·888	·922	0·895	·898
16	·904	·929	·951	·949	·951	·844	·836	·844	·828	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	—	—	·871	·914	·893	·873	·873	·872	·869	·860	·880	·854	·833	·877	·852	·863	·859	·878
18	·858	·861	·850	·781	·818	·835	·857	·845	·850	·825	·800	·800	·801	·776	·792	·784	·789	·847	·831	·865	·843	·840	·836	·847	·826
19	·887	·895	·888	·894	·883	·876	·885	·872	·840	·830	·820	·817	·815	·798	·789	·810	·832	·826	·809	·822	·842	·844	·845	·835	·844
20	·819	·811	·833	·835	·837	·829	·837	·830	·805	·813	·820	·826	·832	·825	·807	·800	·850	·823	·824	·840	·822	·860	·865	·905	·831
21	·934	·913	·887	·849	·839	·839	·825	·818	·799	·791	·783	·781	·780	·754	·749	·776	·839	·850	·856	·842	·825	·817	·837	·859	·827
22	·835	·799	·823	·834	·863	·864	·855	·855	·830	·832	·834	·820	·806	·772	·774	·794	·818	·869	·856	·843	·851	·865	·853	·854	·833
23	·841	·836	·862	·869	·866	·857	·847	·844	·831	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	—	·820	·808	·790	·773	·736	·736	·770	·731	·732	·764	·730	·790	·831	·821	·825	·805
25	·831	·830	·695	·741	·772	·806	·790	·780	·773	·765	·757	·772	·787	·733	·705	·761	·763	·793	·813	·785	·760	·742	·757	·755	·769
26	·786	·781	·752	·760	·763	·764	·771	·764	·771	·772	·772	·777	·782	·736	·746	·754	·764	·762	·790	·829	·823	·780	·775	·735	·771
27	·737	·758	·756	·779	·779	·789	·810	·827	·855	·849	·843	·835	·828	·759	·713	·762	·767	·760	·781	·737	·788	·761	·745	·747	·782
28	·747	·752	·766	·724	·724	·752	·735	·736	·748	·768	·787	·805	·824	·746	·828	·766	·700	·695	·711	·729	·705	·740	·764	·766	·751
29	·756	·781	·793	·856	·908	·937	·931	·922	·890	·880	·870	·833	·796	·796	·797	·828	·830	·830	·805	·813	·812	·834	·831	·832	·840
30	·943	·960	·972	·969	·951	·917	·937	·911	·891	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
31	—	—	—	—	—	—	—	—	—	·881	·870	·853	·837	·856	·830	·856	·843	·758	·802	·823	·848	·777	·891	·888	·878
Means	0·880	·886	·879	·879	·879	·871	·869	·868	·864	·862	·859	·853	·847	·829	·830	·832	·832	·840	·849	·854	·863	·861	·871	·869	0·859

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR

HUMIDITY OF THE AIR—AUGUST 1859

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·66	0·71	0·75	0·78	0·85	0·86	0·84	0·84	0·88	0·90*	0·91	0·92*	0·94	0·91	0·87	0·82	0·77	0·70	0·65	0·62	0·59	0·67	0·67	0·66	0·782
2	·69	·69	·73	·78	·80	·80	·82	·85	·88	·88	·87	·87	·88	·90	·86	·72	·67	·70	·89	·85	·70	·68	·74	·76	·792
3	·77	·81	·82	·84	·88	·91	·91	·90	·90	·90	·89	·89	·89	·87	·89	·91	·89	·87	·84	·81	·78	·70	·70	·71	·845
4	·72	·82	·85	·86	·88	·88	·90	·90	·92	·92	·92	·93	·95	·95	·88	·86	·89	·87	·82	·77	·71	·69	·71	·71	·846
5	·70	·73	·80	·84	·88	·90	·90	·92	·92	·92	·92	·93	·95	·91	·86	·80	·74	·71	·62	·63	·69	·74	·73	·74	·812
6	·74	·80	·82	·84	·86	·85	·86	·86	·87	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	—	·93	·99	·95	·92	·90	·86	·78	·74	·68	·67	·68	·65	·66	·66	·66	·801
8	·68	·70	·76	·80	·82	·83	·85	·88	·87	·89	·91	·90	·90	·89	·90	·81	·74	·68	·62	·66	·64	·64	·66	·70	·780
9	·74	·71	·76	·79	·80	·77	·82	·85	·90	·90	·89	·90	·92	·90	·86	·78	·75	·67	·61	·56	·57	·67	·67	·67	·769
10	·69	·73	·76	·80	·83	·84	·83	·83	·82	·84	·86	·86	·86	·85	·80	·76	·69	·70	·69	·69	·66	·67	·64	·66	·765
11	·68	·76	·80	·83	·84	·84	·84	·86	·90	·88	·85	·87	·89	·97	·86	·81	·76	·67	·56	·58	·58	·58	·63	·63	·770
12	·70	·77	·82	·81	·74	·78	·79	·82	·86	·86	·86	·88	·90	·86	·82	·78	·73	·70	·64	·60	·68	·69	·71	·75	·773
13	·76	·79	·81	·83	·84	·82	·81	·82	·81	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	·87	·92	·92	·92	·90	·84	·78	·74	·66	·61	·61	·63	·69	·71	·72	·784
15	·71	·79	·78	·88	·87	·84	·82	·83	·87	·88	·89	·89	·89	·91	·80	·77	·73	·68	·62	·60	·60	·77	·61	·70	·780
16	·71	·74	·81	·88	·85	·83	·83	·83	·87	·86	·85	·87	·89	·89	·83	·82	·75	·68	·62	·66	·65	·66	·81	·69	·787
17	·64	·69	·74	·82	·84	·83	·84	·83	·87	·86	·84	·85	·86	·87	·82	·82	·78	·67	·64	·56	·58	·61	·66	·78	·763
18	·83	·90	·92	·92	·92	·91	·88	·85	·88	·89	·90	·88	·87	·83	·83	·83	·82	·82	·80	·73	·70	·68	·68	·73	·833
19	·75	·78	·80	·82	·84	·86	·87	·88	·88	·89	·90	·91	·92	·92	·85	·84	·82	·87	·86	·87	·87	·89	·89	·86	·860
20	·86	·86	·91	·91	·91	·91	·90	·90	·89	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	—	·88	·86	·87	·89	·88	·82	·77	·73	·77	·71	·67	·65	·66	·80	·81	·826
22	·82	·83	·82	·84	·88	·88	·84	·84	·85	·85	·85	·85	·85	·83	·82	·84	·78	·69	·69	·64	·63	·61	·55	·53	·775
23	·56	·67	·81	·79	·79	·79	·75	·74	·73	·74	·74	·76	·78	·77	·77	·74	·75	·71	·65	·61	·56	·61	·62	·56	·708
24	·63	·69	·68	·70	·70	·73	·76	·77	·80	·82	·83	·82	·82	·80	·76	·72	·73	·70	·59	·56	·52	·56	·54	·58	·700
25	·60	·61	·61	·61	·70	·75	·75	·76	·80	·81	·82	·83	·85	·85	·78	·77	·65	·62	·57	·55	·55	·57	·55	·54	·688
26	·67	·73	·77	·77	·84	·82	·82	·85	·84	·85	·86	·87	·89	·86	·83	·80	·73	·64	·57	·56	·54	·51	·50	·51	·735
27	·64	·69	·76	·77	·78	·80	·81	·86	·84	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	·85	·85	·85	·86	·78	·74	·71	·65	·62	·58	·51	·52	·51	·49	·47	·706
29	·70	·73	·74	·73	·74	·73	·79	·81	·85	·87	·88	·87	·87	·86	·78	·80	·73	·68	·65	·57	·52	·58	·63	·62	·739
30	·62	·66	·80	·81	·89	·89	·90	·91	·90	·89	·88	·89	·91	·83	·72	·67	·65	·62	·57	·54	·49	·47	·49	·50	·729
31	·61	·87	·87	·85	·91	·88	·92	·90	·87	·86	·85	·83	·81	·82	·81	·79	·73	·68	·61	·57	·59	·60	·58	·60	·767
Means	0·699	·750	·789	·811	·833	·834	·839	·848	·862	·870	·874	·876	·884	·871	·824	·789	·746	·706	·665	·639	·624	·643	·653	·661	0·775

TENSION OF VAPOUR—AUGUST 1859

	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.*	In.	In.*	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·924	0·914	0·899	0·925	0·953	0·951	0·931	0·933	0·942	0·953	0·964	0·961	0·958	0·912	0·910	0·909	0·917	0·917	0·870	0·859	0·859	0·937	0·961	0·955	0·926
2	·935	·908	·894	·906	·922	·913	·926	·940	·961	·944	·927	·919	·911	·931	·929	·907	·906	·915	·899	·919	·889	·915	·993	1·034	·927
3	·992	·992	·961	·962	·974	·982	·976	·950	·901	·859	·816	·807	·798	·779	·795	·836	·839	·859	·887	·892	·934	·919	·910	0·953	·899
4	·933	·941	·949	·951	·938	·930	·941	·931	·937	·931	·924	·927	·931	·926	·869	·839	·856	·853	·854	·880	·895	·881	·977	·953	·914
5	·937	·945	·953	·962	·971	·972	·948	·937	·937	·930	·923	·913	·903	·879	·893	·917	·921	·944	·888	·914	·968	1·015	1·011	·995	·941
6	·974	·984	·951	·957	·949	·934	·937	·920	·924	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	—	·949	·973	·934	·895	·863	·890	·889	·904	·883	·874	·893	·904	0·899	0·881	·867	·918
8	·874	·874	·849	·881	·886	·884	·892	·896	·880	·886	·891	·884	·877	·859	·882	·890	·884	·845	·861	·864	·867	·862	·880	·886	·876
9	·893	·843	·850	·864	·866	·848	·879	·904	·931	·918	·905	·900	·895	·881	·861	·881	·887	·880	·873	·856	·913	·971	·963	·937	·892
10	·941	·921	·903	·925	·951	·950	·929	·919	·894	·886	·877	·864	·851	·833	·833	·846	·749	·777	·780	·795	·784	·821	·829	·865	·863
11	·898	·898	·899	·905	·907	·900	·908	·905	·917	·895	·872	·881	·891	·928	·879	·907	·890	·873	·802	·832	·820	·840	·890	·899	·885
12	·922	·947	·962	·931	·849	·851	·828	·839	·851	·847	·843	·838	·834	·796	·784	·810	·814	·832	·831	·814	·875	·912	·936	·934	·862
13	·927	·923	·911	·868	·842	·812	·789	·797	·781	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	·834	·886	·872	·859	·820	·823	·811	·853	·844	·845	·869	·890	·930	·958	·916	·861
15	·851	·876	·874	·881	·861	·837	·812	·816	·825	·828	·830	·827	·825	·836	·805	·848	·865	·851	·828	·838	·848	·933	·865	·937	·850
16	·908	·929	·943	·944	·828	·801	·821	·814	·853	·841	·828	·830	·833	·816	·821	·859	·855	·833	·846	·883	·902	·901	·990	·937	·867
17	·858	·845	·844	·883	·901	·898	·900	·877	·874	·859	·844	·853	·862	·868	·830	·819	·841	·823	·833	·801	·827	·854	·900	·789	·853
18	·789	·884	·921	·909	·905	·891	·882	·880	·884	·886	·887	·871	·855	·794	·786	·800	·816	·836	·859	·843	·834	·824	·823	·869	·855
19	·873	·881	·873	·871	·874	·877	·879	·889	·884	·881	·878	·885	·893	·893	·847	·850	·826	·853	·829	·840	·835	·858	·854	·855	·866
20	·855	·851	·867	·868	·866	·864	·851	·848	·831	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	—	·841	·851	·847	·844	·833	·811	·825	·837	·878	·870	·872	·839	·902	·943	·959	·861
22	·936	·939	·913	·918	·926	·944	·873	·850	·847	·840	·833	·833	·833	·816	·816	·842	·839	·818	·838	·825	·827	·810	·747	·735	·850
23	·762	·871	·926	·914	·883	·857	·832	·811	·788	·782	·775	·776	·778	·752	·754	·772	·813	·837	·830	·806	·801	·819	·833	·794	·815
24	·825	·822	·809	·797	·799	·825	·829	·819	·833	·837	·840	·835	·830	·805	·765	·753	·787	·797	·758	·741	·754	·829	·797	·828	·805
25	·816	·799	·777	·772	·799	·813	·831	·821	·830	·826	·822	·830	·839	·842	·778	·808	·797	·783	·755	·789	·780	·868	·802	·784	·807
26	·847	·867	·878	·878	·908	·894	·886	·894	·886	·888	·890	·887	·885	·843	·827	·859	·859	·829	·780	·830	·820	·801	·807	·825	·857
27	·883	·863	·897	·902	·908	·906	·920	·926	·901	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	·887	·873	·870	·868	·797	·750	·769	·729	·741	·760	·720	·779	·790	·789	·759	·833
29	·911	·916	·870	·847	·850	·839	·847	·848	·848	·865	·882	·874	·866	·850	·797	·859	·843	·835	·833	·812	·806	·822	·901	·889	·855
30	·860	·863	·943	·923	·940	·914	·919	·891	·911	·898	·884	·887	·891	·814	·729	·749	·775	·765	·759	·755	·726	·758	·742	·738	·835
31	·787	·944	·933	·880	·902	·889	·893	·876	·855	·846	·837	·826	·815	·797	·790	·800	·796	·805	·793	·761	·782	·787	·747	·772	·830
Means	0·886	·898	·898	·897	·895	·888	·884	·879	·878	·875	·872	·868	·864	·843	·824	·839	·841	·841	·831	·833	·843	·869	·879	·876	0·867

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR

HUMIDITY OF THE AIR—SEPTEMBER 1859

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·68	0·76	0·78	0·80	0·84	0·84	0·88	0·88	0·91	*0·88	0·84	*0·84	0·84	0·89	0·78	0·78	0·70	0·67	0·59	0·52	0·50	0·47	0·43	0·55	0·735
2	·76	·81	·84	·83	·84	·88	·87	·85	·82	·82	·81	·83	·85	·84	·78	·74	·66	·57	·55	·53	·48	·49	·45	·46	·723
3	·45	·70	·74	·77	·78	·84	·84	·91	·89	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	·84	·78	·79	·81	·82	·70	·63	·60	·57	·51	·49	·45	·44	·42	·55	·680
5	·66	·76	·78	·84	·86	·84	·83	·88	·90	·91	·91	·89	·88	·84	·80	·73	·69	·62	·56	·51	·47	·47	·59	·62	·743
6	·66	·72	·77	·80	·82	·84	·84	·87	·89	·88	·87	·81	·75	·67	·73	·60	·55	·53	·49	·47	·45	·41	·55	·57	·689
7	·64	·71	·75	·76	·78	·81	·83	·84	·90	·87	·83	·82	·81	·82	·76	·65	·58	·55	·50	·47	·45	·42	·50	·57	·693
8	·69	·74	·76	·80	·80	·80	·82	·86	·89	·89	·88	·87	·87	·90	·88	·73	·60	·52	·51	·43	·48	·49	·49	·53	·718
9	·60	·70	·73	·75	·78	·81	·80	·80	·80	·81	·82	·84	·86	·89	·84	·68	·59	·52	·48	·45	·43	·48	·70	·69	·702
10	·66	·73	·77	·79	·82	·81	·83	·81	·82	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	·86	·90	·91	·92	·93	·87	·83	·76	·74	·76	·74	·77	·78	·78	·76	·806
12	·78	·82	·82	·84	·87	·92	·92	·92	·90	·92	·94	·90	·87	·89	·85	·78	·74	·72	·65	·57	·53	·67	·71	·74	·803
13	·75	·77	·80	·82	·84	·86	·86	·89	·89	·90	·90	·87	·85	·85	·84	·79	·73	·68	·62	·62	·55	·53	·63	·65	·770
14	·82	·84	·83	·83	·78	·81	·83	·89	·89	·90	·91	·93	·95	·92	·89	·90	·80	·72	·67	·66	·64	·63	·74	·74	·813
15	·76	·83	·72	·83	·89	·87	·95	·98	·98	·96	·93	·91	·90	·89	·88	·87	·82	·73	·70	·65	·62	·57	·72	·69	·819
16	·73	·68	·84	·81	·84	·89	·86	·86	·92	·91	·90	·89	·88	·92	·89	·83	·71	·70	·69	·68	·59	·56	·58	·58	·781
17	·63	·72	·72	·74	·80	·85	·86	·86	·88	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	·88	·87	·86	·86	·83	·82	·73	·73	·70	·65	·63	·68	·68	·65	·67	·763
19	·73	·75	·79	·79	·80	·79	·79	·82	·84	·85	·86	·86	·87	·83	·81	·78	·76	·73	·66	·64	·57	·58	·54	·71	·756
20	·78	·82	·85	·85	·88	·87	·90	·90	·88	·89	·90	·89	·89	·90	·88	·79	·73	·70	·70	·73	·69	·68	·66	·66	·809
21	·71	·75	·78	·80	·83	·86	·87	·88	·92	·93	·94	·93	·93	·94	·90	·80	·74	·74	·65	·62	·63	·64	·63	·68	·796
22	·68	·71	·77	·78	·82	·80	·86	·88	·88	·89	·89	·89	·89	·91	·87	·77	·73	·74	·70	·68	·67	·68	·67	·69	·785
23	·71	·75	·77	·79	·81	·82	·81	·81	·83	·89	·94	·94	·95	·96	·91	·86	·79	·74	·74	·68	·70	·66	·67	·69	·801
24	·75	·79	·82	·80	·83	·87	·88	·88	·88	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	·92	·95	·96	·97	·94	·91	·94	·90	·78	·73	·74	·76	·72	·65	·69	·836
26	·71	·70	·72	·79	·82	·87	·89	·90	·94	·94	·94	·91	·89	·91	·93	·89	·86	·86	·88	·93	·90	·86	·91	·82	·865
27	·82	·85	·86	·91	·93	·94	·93	·93	·93	·95	·96	·96	·97	·95	·93	·95	·94	·95	·94	·93	·91	·89	·87	·85	·919
28	·87	·89	·92	·91	·95	·94	·93	·94	·95	·95	·95	·97	·99	·98	·97	·98	·94	·93	·92	·91	·87	·84	·86	·85	·925
29	·88	·91	·92	·92	·95	·96	·95	·95	·95	·95	·95	·95	·96	·96	·93	·86	·82	·77	·80	·77	·77	·79	·79	·79	·885
30	·79	·83	·86	·88	·92	·91	·90	·90	·87	·91	·94	·93	·93	95	·95	·90	·91	·88	·85	·78	·75	·72	·74	·76	·865
Means	0·719	·771	·797	·817	·842	·858	·867	·880	·890	·896	·897	·890	·890	·890	·858	·800	·745	·706	·673	·647	·627	·621	·651	·675	0·788

TENSION OF VAPOUR—SEPTEMBER 1859

	In.	In.	In.	In.	In.	In.	In.	In.	In.	*In.	In.	*In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·809	0·849	0·857	0·885	0·906	0·902	0·887	0·883	0·891	0·854	0·817	0·810	0·803	0·848	0·767	0·820	0·799	0·786	0·781	0·729	0·747	0·727	0·678	0·744	0·816
2	·969	·980	·968	·961	·956	·911	·886	·845	·824	·817	·809	·814	·819	·810	·799	·808	·799	·751	·768	·757	·745	·768	·728	·742	·835
3	·731	·939	·934	·952	·947	·968	·964	·864	·838	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	·824	·810	·807	·805	·812	·727	·706	·733	·747	·728	·726	·740	·728	·708	·786	·814
5	·840	·902	·890	·927	·920	·878	·868	·913	·919	·920	·921	·901	·882	·842	·806	·780	·795	·797	·801	·770	·758	·743	·847	·832	·852
6	·857	·880	·914	·924	·932	·931	·939	·958	·971	·952	·933	·864	·796	·710	·775	·716	·716	·710	·713	·727	·715	·724	·824	·832	·834
7	·852	·885	·893	·893	·910	·926	·929	·939	·960	·915	·869	·849	·829	·833	·819	·771	·760	·756	·746	·726	·733	·720	·808	·865	·841
8	·900	·914	·913	·871	·867	·897	·879	·914	·937	·928	·919	·903	·888	·911	·911	·865	·772	·724	·719	·678	·708	·717	·742	·751	·843
9	·792	·856	·866	·877	·891	·916	·895	·889	·876	·875	·873	·884	·896	·921	·895	·840	·781	·752	·717	·714	·691	·739	·971	·923	·847
10	·869	·897	·913	·920	·929	·922	·929	·899	·864	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	·890	·916	·928	·940	·956	·931	·960	·947	·931	·969	·970	1·001	1·010	·973	·969	·935
12	·957	·953	·932	·937	·940	·961	·954	·937	·938	·947	·955	·900	·846	·855	·833	·839	·869	·923	·902	·842	0·856	0·936	·979	·988	·916
13	·954	·937	·937	·941	·933	·936	·929	·929	·929	·926	·923	·871	·819	·816	·817	·828	·837	·847	·853	·884	·852	·875	·976	·929	·895
14	·817	·781	·827	·821	·799	·814	·786	·803	·803	·814	·824	·815	·807	·813	·779	·801	·830	·861	·829	·869	·894	·919	1·016	·955	·837
15	·948	·958	·753	·764	·767	·813	·875	·894	·903	·879	·855	·831	·807	·777	·807	·848	·856	·843	·884	·898	·884	·863	0·991	·938	·860
16	·722	·736	·908	·875	·902	·929	·911	·906	·901	·893	·884	·876	·868	·893	·885	·898	·846	·876	·912	·923	·871	·855	·856	·831	·873
17	·859	·880	·868	·875	·889	·919	·911	·908	·911	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	·889	·866	·853	·841	·815	·830	·816	·859	·884	·896	·891	·939	·939	·915	·904	·882
19	·917	·884	·911	·891	·892	·872	·862	·883	·870	·856	·841	·822	·803	·757	·762	·796	·875	·895	·850	·883	·871	·881	·844	·921	·860
20	·961	·963	·955	·943	·967	·955	·947	·942	·911	·923	·934	·927	·921	·892	·911	·871	·895	·907	·928	·958	·912	·907	·882	·867	·924
21	·873	·873	·868	·865	·899	·890	·880	·883	·901	·898	·895	·882	·869	·864	·872	·889	·897	·897	·879	·846	·858	·872	·843	·875	·878
22	·845	·844	·854	·853	·888	·861	·876	·890	·883	·878	·872	·866	·861	·864	·871	·856	·865	·897	·915	·907	·899	·907	·902	·892	·877
23	·907	·873	·880	·883	·899	·879	·877	·862	·868	·899	·930	·927	·925	·927	·914	·921	·918	·922	·929	·907	·915	·906	·905	·900	·903
24	·919	·914	·919	·894	·905	·909	·896	·887	·884	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	·939	·993	·980	·967	·912	·908	·899	·902	·917	·921	·898	·938	·889	·823	·847	·911
26	·854	·826	·825	·851	·864	·894	·906	·895	·921	·907	·892	·867	·842	·864	·904	·886	·899	·894	·896	·869	·868	·854	·946	·873	·879
27	·894	·876	·873	·888	·890	·883	·875	·862	·855	·859	·862	·863	·864	·847	·827	·846	·845	·847	·792	·793	·809	·830	·830	·844	·852
28	·840	·848	·861	·859	·875	·858	·847	·851	·847	·847	·847	·862	·878	·852	·843	·839	·818	·814	·826	·836	·825	·823	·848	·827	·845
29	·825	·814	·831	·824	·820	·822	·820	·820	·825	·821	·817	·809	·801	·808	·810	·823	·824	·848	·918	·911	·900	·887	·884	·884	·839
30	·856	·841	·851	·863	·875	·870	·862	·853	·826	·843	·859	·853	·847	·847	·852	·862	·891	·917	·965	·950	·948	·943	·982	·934	·883
Means	0·868	·881	·885	·886	·895	·897	·892	·889	·887	·884	·881	·868	·855	·848	·841	·838	·840	·844	·848	·841	·841	·845	·873	·871	0·867

*The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR

HUMIDITY OF THE AIR—OCTOBER 1859

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·85	0·91	0·93	0·93	0·95	0·89	0·89	0·89	0·89	* —	—	* —	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	·89	·89	·90	·91	·85	·80	·80	·78	·71	·71	·64	·64	·60	·62	·65	0·813
3	·65	·79	·80	·83	·82	·84	·84	·84	·86	·87	·88	·89	·90	·87	·83	·76	·75	·70	·66	·62	·65	·58	·71	·74	·778
4	·77	·81	·89	·89	·86	·90	·91	·91	·92	·93	·94	·93	·92	·94	·86	·83	·77	·74	·72	·68	·65	·63	·61	·72	·822
5	·78	·86	·89	·88	·92	·90	·90	·92	·93	·94	·95	·95	·96	·98	·93	·91	·78	·73	·74	·71	·65	·66	·65	·77	·845
6	·81	·83	·87	·89	·91	·92	·91	·92	·92	·94	·95	·94	·93	·92	·87	·84	·77	·73	·69	·67	·65	·60	·58	·63	·820
7	·72	·79	·84	·86	·87	·86	·85	·87	·90	·91	·91	·89	·88	·86	·81	·75	·69	·65	·60	·56	·57	·52	·53	·56	·760
8	·63	·76	·82	·87	·89	·90	·91	·91	·82	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	·86	·90	·87	·85	·86	·86	·80	·80	·77	·66	·62	·61	·58	·78	·82	·798
10	·80	·80	·84	·79	·80	·87	·88	·89	·89	·89	·89	·92	·96	·92	·89	·81	·74	·70	·64	·56	·56	·57	·75	·67	·793
11	·72	·74	·80	·83	·84	·84	·89	·90	·91	·92	·92	·91	·91	·93	·90	·83	·77	·74	·65	·60	·54	·49	·55	·59	·780
12	·65	·75	·81	·85	·87	·87	·87	·87	·89	·91	·92	·93	·95	·91	·90	·87	·79	·72	·68	·63	·62	·65	·69	·85	·810
13	·81	·84	·87	·87	·87	·89	·88	·89	·88	·90	·91	·92	·94	·91	·87	·95	·83	·76	·75	·68	·68	·63	·62	·62	·824
14	·68	·80	·81	·87	·90	·91	·91	·93	·95	·92	·89	·88	·88	·90	·86	·83	·78	·73	·67	·64	·71	·72	·92	·75	·827
15	·80	·85	·88	·86	·88	·90	·88	·87	·89	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	·92	·94	·94	·95	·96	·95	·84	·78	·73	·65	·62	·63	·62	·63	·59	·815
17	·64	·71	·77	·84	·91	·94	·94	·87	·90	·92	·93	·94	·95	·97	·97	·84	·77	·71	·64	·60	·55	·58	·57	·63	·795
18	·67	·69	·77	·80	·87	·91	·91	·92	·93	·94	·94	·93	·92	·94	·91	·79	·75	·67	·60	·54	·56	·49	·51	·52	·770
19	·56	·57	·61	·66	·76	·85	·87	·89	·89	·92	·94	·93	·93	·94	·89	·85	·86	·78	·76	·73	·69	·63	·62	·65	·782
20	·71	·68	·78	·81	·82	·84	·87	·88	·89	·90	·91	·92	·94	·93	·90	·83	·77	·69	·65	·62	·62	·58	·66	·66	·786
21	·68	·73	·78	·80	·82	·86	·89	·90	·93	·92	·91	·93	·95	·95	·90	·84	·74	·69	·54	·56	·59	·59	·60	·57	·778
22	·66	·72	·74	·76	·76	·80	·85	·83	·87	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	·90	·93	·92	·91	·93	·89	·81	·73	·61	·59	·65	·62	·57	·58	·59	·759
24	·61	·67	·69	·72	·74	·77	·81	·83	·90	·91	·92	·91	·91	·90	·89	·81	·70	·66	·61	·63	·60	·53	·57	·62	·746
25	·64	·66	·68	·71	·76	·81	·88	·91	·96	·94	·91	·91	·91	·87	·83	·75	·70	·62	·58	·55	·54	·55	·55	·55	·740
26	·60	·62	·62	·63	·63	·67	·69	·69	·71	·74	·77	·79	·81	·83	·84	·83	·72	·65	·55	·52	·50	·53	·57	·59	·671
27	·62	·62	·63	·62	·63	·68	·69	·74	·74	·77	·80	·81	·83	·80	·92	·92	·84	·73	·75	·77	·78	·76	·87	·84	·757
28	·88	·91	·91	·93	·95	·91	·91	·92	·95	·97	·98	·97	·96	·96	·94	·91	·88	·82	·80	·84	·84	·82	·83	·86	·902
29	·85	·83	·87	·90	·91	·91	·93	·93	·94	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	·95	·96	·96	·96	·95	·97	·92	·93	·91	·91	·84	·94	·87	·80	·86	·908
31	·88	·94	·91	·94	·94	·91	·89	·89	·89	·92	·95	·95	·95	·95	·94	·87	·89	·89	·91	·89	·94	·96	·94	·95	·920
Means	0·718	·765	·800	·821	·842	·860	·871	·877	·890	·904	·913	·913	·918	·913	·889	·838	·781	·725	·681	·653	·651	·627	·666	·687	0·800

TENSION OF VAPOUR—OCTOBER 1859

	In.	In.	In.	In.	In.	In.	In.	In.	In.	In. *	In.	In. *	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·955	0·946	0·923	0·897	0·896	0·847	0·830	0·827	0·815	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	0·834	0·852	0·847	0·842	0·782	0·752	0·782	0·837	0·857	0·892	0·840	0·856	0·823	0·863	0·870	0·853
3	·854	·915	·921	·930	·918	·915	·900	·902	·890	·873	·856	·845	·834	·803	·821	·820	·857	·876	·852	·855	·925	·884	·948	·969	·882
4	·940	·937	·862	·872	·852	·862	·864	·872	·879	·883	·887	·880	·873	·901	·847	·863	·858	·886	·891	·883	·864	·865	·875	·891	·879
5	·940	·948	·957	·939	·924	·895	·890	·894	·884	·890	·896	·900	·904	·924	·890	·891	·881	·889	·904	·920	·870	·931	·927	·999	·912
6	·988	·825	·883	·952	·951	·924	·891	·894	·894	·885	·875	·858	·841	·840	·832	·856	·880	·865	·875	·885	·870	·875	·853	·853	·881
7	·915	·958	·963	·967	·972	·942	·924	·915	·907	·899	·891	·873	·856	·823	·807	·801	·788	·794	·795	·794	·831	·782	·797	·822	·867
8	·859	·931	·957	·972	·968	·953	·939	·930	·818	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	·840	·862	·827	·792	·790	·823	·833	·859	·878	·854	·811	·820	·834	·770	·921	·868
10	·891	·859	·870	·815	·810	·853	·857	·853	·836	·824	·811	·826	·842	·817	·816	·811	·799	·798	·775	·729	·772	·788	·854	·822	·822
11	·849	·850	·867	·868	·870	·870	·903	·887	·885	·877	·868	·852	·836	·827	·834	·840	·849	·869	·819	·772	·740	·700	·739	·776	·835
12	·808	·874	·917	·898	·874	·853	·855	·825	·830	·841	·851	·863	·875	·844	·863	·886	·911	·877	·868	·847	·855	·872	·875	·814	·861
13	·807	·843	·886	·880	·872	·885	·878	·872	·856	·860	·864	·913	·962	·830	·805	·853	·786	·791	·858	·853	·871	·816	·788	·789	·851
14	·831	·886	·868	·880	·890	·877	·864	·870	·869	·845	·820	·813	·807	·807	·810	·819	·829	·866	·860	·849	·975	·967	·870	·761	·856
15	·830	·873	·924	·894	·882	·881	·842	·825	·833	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	·873	·912	·901	·891	·883	·902	·904	·905	·926	·858	·861	·884	·880	·869	·788	·876
17	·823	·844	·877	·878	·924	·912	·898	·861	·856	·835	·814	·817	·820	·829	·892	·856	·856	·864	·833	·797	·750	·808	·783	·812	·843
18	·828	·801	·829	·853	·859	·864	·864	·853	·838	·842	·845	·828	·812	·792	·816	·824	·828	·804	·766	·730	·766	·708	·703	·693	·806
19	·690	·681	·691	·725	·770	·805	·827	·830	·819	·816	·813	·807	·801	·810	·788	·852	·952	·944	1·007	·986	·927	·812	·798	·833	·824
20	·877	·806	·846	·845	·839	·834	·825	·821	·806	·808	·810	·809	·809	·777	·807	·832	·838	·850	0·858	·824	·839	·791	·840	·825	·826
21	·811	·811	·831	·825	·815	·823	·833	·828	·835	·839	·842	·860	·878	·875	·839	·866	·860	·849	·695	·736	·790	·798	·782	·756	·820
22	·781	·801	·801	·797	·798	·803	·819	·805	·798	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	·782	·765	·737	·710	·727	·746	·794	·790	·725	·734	·822	·799	·745	·703	·711	·770
24	·715	·722	·725	·733	·732	·754	·767	·767	·780	·762	·744	·730	·717	·686	·725	·754	·720	·738	·702	·744	·718	·654	·697	·726	·730
25	·711	·704	·708	·721	·738	·762	·795	·811	·822	·802	·782	·782	·782	·750	·712	·716	·740	·695	·675	·674	·659	·671	·650	·637	·729
26	·659	·675	·675	·674	·674	·708	·715	·715	·723	·754	·785	·769	·754	·760	·784	·786	·755	·744	·673	·641	·623	·640	·656	·663	·709
27	·680	·669	·678	·672	·678	·713	·715	·756	·756	·783	·810	·821	·832	·783	·842	·818	·842	·843	·828	·848	·831	·840	·877	·899	·784
28	·857	·869	·841	·841	·846	·809	·811	·806	·820	·824	·828	·807	·786	·786	·793	·790	·799	·806	·824	·838	·836	·817	·809	·840	·820
29	·832	·789	·799	·799	·788	·782	·788	·786	·790	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	·806	·821	·817	·813	·788	·815	·820	·841	·864	·885	·906	·892	·927	·899	·902	·831
31	·887	·864	·820	·817	·809	·790	·777	·787	·776	·798	·819	·822	·825	·820	·845	·855	·914	·844	·836	·811	·844	·849	·823	·825	·827
Means	0·831	·834	·843	·844	·844	·843	·841	·838	·831	·834	·835	·831	·827	·810	·816	·828	·837	·836	·824	·818	·823	·811	·810	·815	0·829

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR

HUMIDITY OF THE AIR—NOVEMBER 1859

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·96	0·96	0·97	0·96	0·97	0·93	0·95	0·97	0·97	0·97*	0 96	0·96*	0·97	0·96	0·94	0·91	0·86	0·89	0·85	0·79	0·76	0·72	0·70	0·72	0·900
2	·71	·75	·81	·82	·81	·87	·90	·89	·95	·93	·91	·92	·93	·89	·83	·81	·75	·74	·74	·70	·68	·67	·67	·68	·807
3	·69	·71	·73	·73	·73	·75	·84	·88	·87	·90	·92	·92	·92	·91	·91	·86	·78	·78	·79	·76	·70	·75	·71	·72	·802
4	·73	·74	·75	·74	·76	·78	·77	·78	·78	·84	·90	·91	·93	·93	·92	·89	·72	·69	·71	·68	·74	·71	·66	·70	·782
5	·69	·72	·71	·72	·73	·76	·76	·76	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	·73	·73	·73	·73	·76	·90	·86	·77	·67	·70	·66	·64	·64	·63	·66	·69	·723
7	·71	·74	·74	·74	·76	·78	·76	·78	·82	·81	·80	·88	·86	·83	·82	·77	·72	·73	·71	·71	·75	·81	·83	·83	·779
8	·87	·90	·87	·87	·93	·93	·93	·96	·91	·89	·92	·95	·96	·98	·93	·83	·80	·77	·77	·77	·75	·75	·72	·75	·863
9	·75	·78	·78	·79	·80	·80	·79	·80	·81	·81	·83	·86	·87	·88	·86	·78	·77	·83	·74	·72	·76	·76	·76	·79	·797
10	·79	·85	·82	·85	·84	·82	·83	·86	·93	·95	·96	·96	·97	·97	·93	·89	·86	·82	·77	·77	·76	·78	·82	·80	·858
11	·82	·85	·85	·86	·96	·93	·91	·91	·87	·89	·87	·88	·87	·87	·83	·81	·85	·80	·77	·78	·89	·85	·85	·90	·861
12	·89	·87	·87	·87	·85	·85	·83	·88	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	·98	·94	·98	1·00	·95	·97	·96	·90	·86	·86	·88	·82	·81	·78	·82	·74	·882
14	·78	·81	·81	·82	·81	·81	·82	·82	·86	·85	·85	0·90	·90	·91	·90	·77	·73	·72	·83	·73	·71	·69	·69	·69	·800
15	·73	·76	·76	·77	·78	·79	·81	·88	·90	·95	·92	·91	·91	·94	·92	·90	·85	·84	·88	·87	·83	·81	·85	·86	·851
16	·85	·83	·86	·88	·85	·86	·91	·91	·96	·94	·96	·97	·96	·96	·88	·89	·89	·91	·95	·95	·96	·98	·96	·96	·918
17	·97	·95	·96	·96	·96	·94	·91	·86	·95	·91	·93	·96	·97	·99	·93	·88	·87	·86	·88	·87	·90	·92	·87	·91	·921
18	·92	·93	·96	·95	·89	·91	·93	·96	·92	·91	·93	·91	·89	·89	·87	·84	·86	·84	·88	·82	·87	·85	·87	·86	·894
19	·89	·87	·84	·85	·85	·87	·87	·87	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	·91	·91	·88	·87	·93	·94	·92	·79	·80	·76	·75	·74	·74	·75	·78	·78	·840
21	·84	·87	·88	·92	·93	·92	·93	·94	·95	·92	·92	·94	·95	·95	·86	·92	·88	·88	·93	·96	·96	·97	·93	·96	·921
22	·94	·95	·95	·95	·94	·96	·95	·95	·95	·96	·95	·95	·94	·95	·94	·91	·91	·88	·80	·95	·91	·87	·91	·97	·931
23	·95	·96	·96	·96	·97	·96	·95	·96	·97	·99	·97	·94	·95	·97	·95	·91	·87	·85	·84	·86	·85	·87	·83	·83	·922
24	·87	·90	·92	·93	·90	·92	·95	·95	·96	·99	·96	·98	·97	·97	·95	·96	·96	·93	·91	·89	·90	·89	·84	·86	·927
25	·87	·87	·87	·87	·91	·91	·94	·94	·93	·93	·93	·94	·92	·91	·91	·89	·88	·87	·87	·91	·94	·95	·95	·96	·911
26	·96	·96	·96	·96	·95	·94	·96	·98	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	·96	·97	·97	·94	·95	·97	·93	·93	·92	·93	·92	·93	·93	·88	·89	·90	·941
28	·91	·92	·94	·95	·95	·93	·95	·95	·98	·97	·98	·93	·94	·96	·91	·87	·87	·89	·84	·83	·81	·81	·81	·80	·904
29	·85	·92	·93	·95	·96	·96	·96	·97	·96	·97	·99	·99	·96	·97	·96	·87	·87	·82	·80	·74	·82	·77	·86	·89	·906
30	·87	·92	·92	·93	·96	·96	·94	·92	·97	·97	·98	1·00	·99	·96	·94	·89	·83	·84	·81	·80	·84	·87	·86	·84	·909
Means	0·839	·857	·862	·869	·875	·878	·887	·897	·913	·915	·919	·927	·928	·936	·906	·863	·832	·824	·818	·807	·816	·811	·812	·823	0·867

TENSION OF VAPOUR—NOVEMBER 1859

	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.*	In.	In.*	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·820	0·822	0·827	0·820	0·826	0·798	0·806	0·800	0·799	0·800	0·800	0·807	0·815	0·800	0·793	0·782	0·759	0·830	0·839	0·828	0·797	0·755	0·743	0·750	0·801
2	·725	·732	·752	·759	·745	·771	·770	·756	·771	·764	·756	·751	·747	·701	·673	·696	·718	·761	·778	·765	·741	·728	·713	·707	·741
3	·692	·703	·704	·704	·706	·716	·740	·760	·750	·758	·765	·767	·769	·748	·761	·768	·763	·778	·800	·793	·725	·762	·718	·724	·745
4	·719	·719	·726	·716	·726	·745	·734	·736	·729	·753	·776	·769	·763	·754	·766	·798	·748	·717	·751	·713	·797	·751	·711	·743	·744
5	·706	·716	·713	·710	·717	·738	·730	·727	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	·686	·690	·680	·679	·704	·752	·702	·741	·713	·757	·731	·704	·717	·709	·733	·742	·717
7	·745	·750	·758	·761	·764	·777	·764	·786	·811	·798	·783	·851	·840	·821	·784	·795	·807	·814	·831	·836	·867	·852	·811	·817	·801
8	·856	·868	·832	·821	·827	·842	·836	·847	·842	·847	·860	·834	·841	·870	·856	·846	·865	·880	·897	·887	·902	·885	·838	·833	·855
9	·822	·819	·814	·818	·802	·802	·799	·792	·807	·801	·820	·823	·803	·807	·816	·811	·825	·8·3	·813	·806	·840	·846	·853	·860	·820
10	·834	·862	·838	·848	·836	·826	·819	·823	·869	·859	·871	·847	·843	·843	·828	·849	·870	·889	·848	·848	·881	·874	·886	·859	·852
11	·861	·842	·842	·846	·862	·831	·816	·810	·786	·830	·832	·834	·832	·826	·808	·821	·857	·883	·842	·827	·870	·861	·816	·884	·838
12	·873	·863	·853	·853	·836	·834	·816	·814	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	·839	·793	·825	·831	·795	·802	·815	·828	·843	·890	·913	·903	·871	·884	·888	·784	·844
14	·814	·805	·809	·810	·805	·794	·806	·798	·824	·816	·809	·807	·787	·790	·808	·765	·760	·760	·786	·780	·769	·760	·755	·724	·789
15	·730	·734	·737	·736	·746	·761	·766	·787	·794	·812	·791	·761	·761	·769	·771	·780	·794	·823	·828	·819	·760	·788	·824	·852	·780
16	·837	·815	·827	·826	·805	·795	·809	·816	·855	·844	·860	·843	·820	·849	·829	·838	·859	·870	·880	·880	·890	·872	·802	·827	·839
17	·821	·811	·821	·812	·806	·793	·782	·774	·868	·842	·831	·820	·824	·853	·849	·856	·875	·878	·889	·909	·910	·909	·859	·870	·844
18	·873	·853	·864	·860	·847	·855	·864	·875	·894	·885	·879	·841	·833	·819	·825	·843	·851	·876	·833	·885	·895	·883	·916	·896	·864
19	·841	·848	·825	·819	·819	·834	·825	·826	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	·780	·780	·757	·730	·760	·770	·775	·751	·798	·772	·762	·753	·741	·749	·773	·754	·785
21	·771	·779	·783	·793	·801	·793	·794	·777	·777	·695	·629	·615	·618	·660	·592	·628	·603	·618	·626	·637	·643	·673	·668	·710	·695
22	·702	·703	·703	·707	·713	·725	·713	·710	·717	·718	·718	·707	·715	·721	·724	·761	·809	·878	·867	·902	·912	·925	·917	·924	·775
23	·883	·870	·825	·813	·843	·820	·814	·827	·835	·851	·835	·793	·785	·789	·794	·809	·849	·847	·832	·873	·861	·869	·854	·825	·833
24	·836	·838	·834	·836	·796	·813	·818	·818	·825	·856	·829	·839	·828	·815	·794	·813	·820	·819	·836	·838	·856	·859	·808	·817	·827
25	·819	·804	·799	·800	·825	·810	·817	·814	·814	·800	·801	·793	·767	·759	·770	·772	·786	·798	·771	·783	·792	·794	·798	·820	·796
26	·820	·820	·820	·821	·813	·803	·809	·820	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	·798	·799	·803	·785	·776	·796	·770	·790	·797	·785	·800	·810	·828	·826	·825	·837	·806
28	·830	·817	·817	·818	·819	·809	·812	·811	·830	·824	·820	·790	·789	·798	·780	·800	·840	·899	·870	·868	·886	·901	·896	·866	·833
29	·879	·892	·880	·883	·872	·847	·847	·846	·849	·860	·873	·863	·820	·824	·820	·825	·859	·877	·889	·890	·932	·907	·908	·830	·865
30	·802	·850	·868	·883	·890	·892	·880	·867	·896	·884	·894	·886	·853	·827	·830	·847	·868	·902	·924	·920	·934	·947	·945	·938	·884
Means	0·804	·805	·803	·803	·802	·801	·799	·801	·809	·806	·804	·795	·788	·791	·782	·793	·805	·826	·824	·825	·831	·830	·818	·815	0·807

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR.

HUMIDITY OF THE AIR—DECEMBER 1859

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	·87	·92	·94	·94	·96	·95	·96	·95	·99	·98*	·98	·92*	·94	·92	·95	·85	·86	·85	·78	·75	·82	·73	·67	·70	0·883
2	·67	·78	·80	·86	·82	·86	·91	·90	·90	·88	·93	·95	·95	·93	·82	·79	·75	·73	·77	·80	·68	·63	·63	·64	·808
3	·73	·78	·82	·85	·86	·87	·87	·89	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	·96	·95	·95	·95	·96	·92	·81	·71	·65	·63	·62	·59	·61	·61	·64	·71	·789
5	·73	·85	·89	·91	·95	·96	·95	·93	·95	·95	·95	·95	·95	·95	·93	·91	·86	·83	·78	·73	·70	·66	·78	·79	·868
6	·81	·86	·87	·91	·96	·96	·93	·94	·95	·97	·97	·94	·97	·97	·95	·91	·86	·80	·78	.75	·73	·76	·75	·77	·878
7	·80	·87	·90	·92	·91	·91	·90	·93	·95	·96	·95	·94	·94	·96	·93	·91	·86	·77	·74	·72	·72	·73	·75	·78	·865
8	·80	·83	·84	·84	·86	·87	·87	·87	·91	·93	·96	·96	·95	·96	·93	·92	·89	·82	·75	·76	·77	·78	·77	·77	·859
9	·80	·83	·83	·85	·86	·88	·88	·87	·89	·91	·95	·96	·98	·97	·95	·87	·84	·78	·73	·76	·73	·74	·79	·77	·851
10	·81	·83	·83	·83	·87	·89	·87	·87	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	·97	·94	·94	·94	·96	·95	·94	·87	·78	·75	·75	·74	·72	·72	·73	·76	·844
12	·78	·83	·82	·83	·83	·83	·85	·88	·91	·84	·86	·91	·95	·95	·91	·91	·85	·72	·69	·69	·69	·68	·64	·69	·814
13	·72	·75	·78	·83	·88	·89	·91	·91	·93	·93	·94	·95	·95	·93	·93	·89	·78	·71	·68	·67	·66	·66	·70	·70	·820
14	·73	·75	·77	·78	·76	·81	·83	·84	·89	·94	·92	·94	·95	·95	·91	·77	·73	·70	·66	·64	·62	·68	·67	·66	·788
15	·68	·72	·74	·73	·75	·76	·79	·78	·76	·78	·73	·76	·75	.76	·85	·76	·68	·67	·64	·63	·63	·65	·66	·67	·722
16	·67	·71	·72	·73	·73	·75	·75	·75	·77	·78	·78	·78	·79	·78	·80	·75	·71	·66	·65	·64	·64	·65	·66	·65	·721
17	·67	·70	·70	·70	·71	·75	·78	·78	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	·90	·88	·86	·90	·91	·91	·89	·87	·80	·70	·67	·65	·69	·69	·70	·70	·771
19	·71	·74	·74	·75	·75	·82	·86	·89	·89	·91	·91	·93	·95	·94	·93	·86	·84	·68	·65	·63	·66	·65	·66	·66	·792
20	·69	·74	·76	·83	·89	·89	·89	·89	·93	·91	·92	·93	·93	·94	·95	·87	·83	·77	·72	·72	·67	·65	·68	·70	·821
21	·69	·71	·72	·73	·75	·77	·76	·76	·76	·83	·88	·91	·92	·93	·92	·92	·85	·84	·82	·73	·67	·65	·67	·66	·788
22	·67	·70	·72	·71	·76	·76	·77	·78	·83	·86	·88	·90	·92	·91	·91	·84	·67	·67	·66	·66	·63	·65	·67	·61	·756
23	·67	·69	·73	·73	·74	·73	·75	·74	·74	·77	·79	·73	·73	·79	·77	·86	·69	·62	·61	·58	·63	·62	·56	·63	·704
24	·60	·63	·64	·64	·64	·66	·69	·69	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	·85	·87	·86	·85	·84	·82	·79	·77	·75	·73	·72	·70	·69	·70	·72	·72	·732
26	·74	·79	·77	·77	·80	·82	·82	·81	·84	·89	·91	·91	·93	·93	·91	·91	·81	.77	·74	·70	·64	·66	·68	·71	·803
27	·69	·75	·76	·78	·84	·86	·90	·90	·87	·88	·89	·93	·92	·94	·90	·86	·80	·74	·66	·62	·62	·63	·62	·63	·791
28	·67	·70	·77	·73	·72	·75	·79	·80	·72	·71	·73	·82	.84	·70	·73	·67	·66	·64	·60	·63	·61	·59	·59	·59	·698
29	·62	·67	·68	·69	·69	·75	·72	·74	·83	·86	·88	·88	·86	·90	·90	·83	·80	·73	·66	·63	·59	·60	·61	·61	·739
30	·64	·68	·70	·70	·68	·70	·75	·78	·83	·87	·88	·90	·92	·90	·89	·86	·74	·68	·64	·64	·65	·60	·57	·58	·741
31																									
Means	·718	·762	·778	·791	·807	·825	·837	·841	·874	·884	·892	·902	·910	·904	·888	·844	·782	·730	.699	·683	·672	·668	·676	·687	0·794

TENSION OF VAPOUR—DECEMBER 1859

	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·936	0·922	0·919	0·918	0·921	0·902	0·904	0·896	0·907	0·894*	0·906	0·844*	0·833	0·806	0·818	0·808	0·824	0·863	0·868	0·903	0·882	0·840	0·781	0·791	0·870
2	·740	·786	·791	·820	·776	·783	·789	·775	·757	·726	·730	·748	·731	·707	·655	·672	·692	·715	·749	·794	·724	·664	·633	·638	·733
3	·678	·696	·710	·723	·721	·725	·719	·719	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	·736	·720	·717	·717	·716	·672	·597	·552	·542	·527	·560	·551	·599	·612	·649	·705	·661
5	·688	·727	·731	·734	·746	·746	·728	·706	·727	·728	·728	·722	·719	·718	·718	·759	·769	·800	·802	·803	·775	·736	·851	·851	·751
6	·826	·826	·829	·836	·843	·820	·802	·793	·777	·788	·791	·793	·802	·800	·794	·837	·851	·853	·848	·849	·851	·870	·842	·842	·823
7	·836	·851	·860	·861	·836	·836	·829	·836	·826	·824	·798	·793	·793	·800	·789	·836	·845	·827	·824	·801	·812	·814	·817	·830	·824
8	·809	·806	·807	·801	·802	·799	·800	·796	·809	·806	·799	·801	·798	·797	·790	·839	·847	·825	·817	·864	·840	·841	·829	·822	·814
9	·814	·813	·789	·792	·795	·814	·813	·799	·809	·814	·810	·809	·820	·808	·806	·819	·843	·824	·841	·846	·804	·830	·861	·825	·817
10	·817	·822	·821	·821	·830	·845	·825	·826	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	·816	·803	·793	·784	·790	·776	·768	·777	·783	·762	·798	·818	·790	·796	·797	·791	·802
12	·784	·808	·804	·807	·799	·788	·787	·801	·809	·769	·769	·798	·788	·776	·760	·809	·792	·710	·706	·723	·722	·710	·665	·693	·766
13	·715	·707	·722	·760	·756	·748	·746	·730	·742	·721	·715	·729	·726	·707	·728	·765	·736	·723	·704	·690	·706	·718	·730	·722	·727
14	·732	·718	·716	·719	·701	·732	·739	·725	·712	·720	·705	·720	·722	·719	·736	·715	·708	·697	·693	·678	·671	·710	·697	·674	·711
15	·678	·679	·704	·685	·695	·706	·713	·700	·673	·694	·637	·665	·642	·654	·694	·693	·667	·657	·647	·638	·655	·681	·669	·668	·675
16	·671	·675	·675	·682	·677	·692	·687	·691	·701	·700	·700	·712	·706	·700	·709	·700	·677	·641	·653	·667	·663	·647	·653	·635	·680
17	·641	·646	·642	·644	·650	·675	·700	·695	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	·745	·726	·710	·732	·749	·744	·716	·723	·730	·677	·688	·661	·717	·709	·687	·695	·696
19	·674	·679	·662	·664	·651	·682	·697	·701	·688	·675	·671	·683	·691	·687	·669	·680	·720	·644	·630	·631	·679	·637	·648	·632	·670
20	·647	·661	·663	·689	·703	·693	·692	·696	·693	·667	·672	·682	·676	·679	·698	·688	·713	·715	·727	·710	·692	·667	·685	·691	·687
21	·661	·652	·642	·649	·652	·660	·657	·651	·652	·690	·682	·687	·676	·693	·683	·737	·766	·840	·836	·756	·684	·666	·684	·642	·692
22	·646	·649	·666	·654	·694	·678	·686	·675	·690	·680	·691	·685	·700	·684	·670	·674	·639	·653	·658	·664	·676	·657	·666	·597	·668
23	·650	·634	·660	·658	·662	·645	·662	·655	·641	·660	·678	·636	·634	·667	·647	·703	·619	·590	·597	·579	·616	·600	·542	·602	·635
24	·553	·558	·557	·550	·543	·556	·573	·564	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	·748	·748	·746	·750	·746	·726	·701	·703	·703	·703	·713	·700	·705	·715	·726	·704	·666
26	·714	·727	·691	·683	·692	·706	·703	·695	·693	·704	·710	·693	·686	·674	·654	·707	·709	·726	·732	·699	·655	·665	·672	·678	·695
27	·654	·667	·650	·653	·665	·664	·663	·658	·638	·636	·625	·647	·639	·632	·631	·654	·669	·684	·635	·610	·606	·625	·600	·607	·642
28	·623	·624	·667	·634	·621	·628	·635	·621	·572	·574	·590	·591	·606	·579	·586	·572	·615	·613	·603	·621	·620	·604	·591	·577	·607
29	·590	·609	·608	·607	·604	·643	·607	·620	·638	·612	·618	·607	·592	·612	·604	·616	·675	·679	·658	·627	·594	·613	·608	·599	·618
30	·602	·622	·615	·604	·581	·587	·581	·591	·603	·610	·604	·595	·602	·594	·579	·612	·598	·605	·609	·613	·633	·588	·561	·545	·597
31																									
Means	·707	·714	·715	·717	·716	·721	·721	·716	·723	·719	·715	·716	·715	·708	·700	·717	·720	·714	·715	·711	·707	·701	·698	·694	0·713

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

LIBRARY OF THE UNIVERSITY OF CALIFORNIA

DIRECTION AND FORCE OF THE WIND

DIRECTION OF THE WIND—JANUARY 1859

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction
Madras Mean Time	h.m. 4.41	h.m. 5.41	h.m. 6.41	h.m. 7.41	h.m. 8.41	h m. 9.41	h.m. 10.41	h.m. 11.41	h.m. 12.41	h.m. 13.41	h.m. 14.41	h.m. 15.41	h.m. 16.41	h.m. 17.41	h.m. 18.41	h.m. 19.41	h.m. 20.41	h.m. 21.41	h.m. 22.41	h.m. 23.41	h.m. 0.41	h.m. 1.41	h.m. 2.41	h.m. 3.41		
	parts	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	o	
1	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	1	0	1	1	1	2	2	23	N N E
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	1	1	1	22	N N E
3	4	2	0	0	0	1	1	1	1	1	1	1	1	1	29	29	29	29	30	31	31	31	31	31	358	N
4	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	28	29	30	30	327	N W by N
5	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	28	28	28	28	28	28	323	N W by N
6	30	30	30	30	30	30	30	30	30	30	30	30	31	0	0	0	30	30	30	29	29	29	29	30	339	N N W
7	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	30	30	30	31	31	31	330	N W by N
8	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	25	N N E
9	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	2	3	2	1	1	21	N N E
10	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	3	32	N E by N
11	1	1	1	1	1	1	2	2	2	2	2	2	2	2	0	30	29	30	31	0	0	1	0	1	7	N by E
12	1	1	1	1	1	1	1	1	1	1	1	1	1	30	30	30	30	30	0	0	1	1	2	2	4	N
13	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	29	29	31	0	1	0	0	0	0	4	N
14	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	25	25	29	29	29	29	29	29	322	N W by N
15	2	2	2	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1	1	1	1	17	N N E
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	N
17	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	30	30	327	N W by N
18	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	28	24	28	29	29	29	29	31	0	332	N N W
19	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1	2	3	3	3	2	2	19	N N E
20	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	21	N N E
21	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	2	2	2	2	2	32	N E by N
22	1	2	2	2	2	2	2	2	2	3	3	3	3	3	3	30	30	31	2	4	5	5	5	5	26	N N E
23	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	5	31	3	4	4	4	4	59	N E by E
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	28	27	28	30	0	1	1	1	2	N
25	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	34	N E by N
26	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	29	28	28	31	31	3	3	3	3	21	N N E
27	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	32	N E by N
28	2	2	2	0	0	0	0	0	0	0	31	31	31	31	31	28	28	28	29	2	2	2	0	0	356	N
29	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	30	30	3	3	3	4	4	4	26	N N E
30	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	56	N E by E
31	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	30	30	29	0	1	1	1	1	21	N N E
Hourly Means	o 12 NbE	o 12 NbE	o 11 NbE	o 11 NbE	o 11 NbE	o 12 NbE	o 11 NbE	o 12 NbE	c 12 NbE	o 13 NbE	o 13 NbE	o 13 NbE	o 13 NbE	o 13 NbE	o 11 NbE	o 2 N	o 352 NbW	o 354 NbW	o 0 N	o 7 NbE	o 10 NbE	o 11 NbE	o 11 NbE	o 12 NbE	o 9	N by E
No. of Observations with the wind in each quarter: N W	7	7	7	7	7	7	7	7	7	7	8	8	8	8	9	13	17	17	14	10	8	8	8	7	213	Obs. N W
S W	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	„ S W
S E	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	„ S E
N E	24	24	24	24	24	24	24	24	24	24	23	23	23	23	22	18	14	14	17	21	23	23	23	24	531	„ N E

FORCE OF THE WIND—JANUARY 1859

	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.
1	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00
2	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	.00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
3	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
4	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
5	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
6	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
7	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·02	·04	·05	·03	·01
8	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·04	·05	·12	·15	·10	·07	·02
9	·00	·00	·00	·00	·00	·00	.00	·00	·00	·00	·00	·00	·00	.00	·00	·00	·00	·00	·01	·00	·01	·00	·03	·00	·00
10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·00	·01	·01	·00
11	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·02	·00	·00	·01	·01	·00	·00
12	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	.00	·00	·00	·00	·00	·00	·00	·00	·00
13	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·10	·35	·00	·00	·00	·02
14	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·15	·40	·55	·67	·45	·30	·11
15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·15	·25	·28	·35	·20	·15	·17	·13	·07
16	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·37	·35	·40	·37	·07
17	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·48	·45	·35	·50	·25	·09
18	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
19	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·00	·00	·00	·00
20	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
21	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
22	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	.00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
23	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
24	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
25	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
26	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
27	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
28	·00	·00	00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
29	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
30	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
31	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
Means	0·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·02	·05	·07	·06	·06	·04	0·01

The force is given in pounds and decimals of a pound on one square foot.
The entry '00 denotes calms or pressures too small to overcome the inertia of the instrument.

DIRECTION AND FORCE OF THE WIND

DIRECTION OF THE WIND—FEBRUARY 1859

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction
Madras Mean Time	h.m. 4.41	h.m. 5.41	h.m. 6.41	h.m. 7.41	h.m. 8.41	h.m. 9.41	h.m. 10.41	h.m. 11.41	h.m. 12.41	h.m. 13.41	h.m. 14.41	h.m. 15.41	h.m. 16.41	h.m. 17.41	h.m. 18.41	h.m. 19.41	h.m. 20.41	h.m. 21.41	h.m. 22.41	h.m. 23.41	h.m. 0.41	h.m. 1.41	h.m. 2.41	h.m. 3.41		
	parts	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	o	
1	5	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	3	2	2	2	23	23	23	23	20	N N E
2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	1	3	4	4	4	4	4	43	NE
3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	30	2	3	3	3	29	NE by N
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	30	1	3	4	4	40	NE
5	4	4	4	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	61	NE by E
6	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	45	NE
7	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	31	0	3	4	4	4	4	40	NE
8	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	30	1	2	3	4	4	5	5	40	NE
9	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	75	E by N
10	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	7	7	7	7	7	7	7	7	7	83	E by N
11	6	6	6	7	7	7	7	7	7	8	8	8	8	8	9	9	9	9	9	9	9	9	9	9	89	E
12	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	8	8	5	79	E by N
13	3	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	3	5	5	6	5	6	5	49	NE
14	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	4	3	3	44	NE
15	4	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	4	4	4	4	4	44	NE
16	3	3	3	3	4	4	4	4	4	4	4	4	4	31	31	31	30	27	31	5	6	8	7	8	33	NE by N
17	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	9	27	26	12	11	8	8	8	9	82	E by N
18	8	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	0	5	5	5	5	6	6	86	E
19	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	24	20	9	7	7	12	8	6	7	60	NE by E
20	9	9	8	8	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	8	8	8	8	98	E by S
21	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	25	21	16	10	10	10	11	11	128	SE by E
22	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	9	9	9	Board Stopped.					110	ESE
23	10	10	10	10	10	10	10	10	10	10	10	10	11	11	9	10	10	10	9	8	9	10	11	11	112	ESE
24	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	6	6	7	7	78	E by N
25	6	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	8	48	NE
26	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	11	12	13	13	117	ESE
27	9	9	9	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	94	E
28	10	10	10	10	10	10	10	11	11	11	11	11	8	8	8	8	21	19	17	13	12	12	12	12	129	SE by E
Hourly Means	o 69 ENE	o 68 ENE	o 68 ENE	o 69 ENE	o 70 ENE	o 70 ENE	o 70 ENE	o 71 ENE	o 71 ENE	o 72 ENE	o 72 ENE	o 72 ENE	o 71 ENE	o 69 ENE	o 69 ENE	o 64 ENE	o 65 ENE	o 62 ENE	o 72 ENE	o 67 ENE	o 67 ENE	o 68 ENE	o 70 ENE	o 70 ENE	o 70	ENE
No. of Observations with the wind in each quarter: NW	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	4	3	1	2	0	0	0	0	14	Obs. N W
SW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	0	1	1	1	1	10	„ S W
SE	9	9	9	9	10	10	10	10	10	11	11	11	11	11	10	10	7	7	7	8	9	11	9	10	229	„ S E
NE	19	19	19	19	18	18	18	18	18	17	17	17	17	16	17	16	15	16	18	17	17	15	17	16	414	„ N E

FORCE OF THE WIND—FEBRUARY 1859

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	lb.
1	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00
2	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
3	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
4	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
5	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
6	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
7	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
8	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
9	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
11	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
12	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
13	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
14	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
16	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
17	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
18	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
19	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
20	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
21	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
22	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
23	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
24	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
25	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	Board Stopped.										·00
26	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·60						·00
27	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00						·00
28	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00						·00
Means	0·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	0·00

The force is given in pounds and decimals of a pound on one square foot.
The entry ·00 denotes calms or pressures too small to overcome the inertia of the instrument.

DIRECTION AND FORCE OF THE WIND

DIRECTION OF THE WIND—MARCH 1859

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction
Madras Mean Time	h.m. 4.41	h.m. 5.41	h.m. 6.41	h.m. 7.41	h.m. 8.41	h.m. 9.41	h.m. 10.41	h.m. 11.41	h.m. 12.41	h.m. 13.41	h.m. 14.41	h.m. 15.41	h.m. 16.41	h.m. 17.41	h.m. 18.41	h.m. 19.41	h.m. 20.41	h.m. 21.41	h.m. 22.41	h.m. 23.41	h.m. 0.41	h.m. 1.41	h.m. 2.41	h.m. 3.41		
	parts	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	o	
1	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	14	16	17	13	12	12	12	12	141	SE by S
2	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	16	12	12	12	12	12	12	137	SE
3	12	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	17	18	14	13	12	12	10	13	134	SE
4	11	11	11	11	12	12	12	12	12	12	12	12	12	12	12	12	12	16	17	16	15	13	13	13	142	SE by S
5	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	15	16	13	12	12	12	13	13	140	SE
6	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	13	17	17	18	18	13	13	13	13	147	SE by S
7	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	16	18	18	19	14	13	13	13	163	SSE
8	13	12	12	12	12	12	12	12	12	12	12	12	12	12	12	14	15	16	15	13	13	13	13	13	143	SE by S
9	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	17	17	15	14	14	14	14	14	161	SSE
10	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	14	18	19	20	15	15	14	13	13	157	SSE
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	10	10	11	123	SE by E
12	10	10	10	10	10	10	10	10	10	10	10	10	11	11	11	11	11	11	11	11	12	12	12	13	120	SE by E
13	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	13	13	16	18	15	12	12	12	142	SE by S
14	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	16	16	16	19	19	14	13	14	14	150	SE by S
15	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	157	SSE
16	13	13	13	13	13	13	14	14	14	14	14	14	14	14	14	14	14	14	13	12	11	9	9	9	145	SE by S
17	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	8	8	8	100	E by S
18	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	12	11	9	9	9	139	SE
19	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	8	8	8	100	E by S
20	6	6	6	6	7	7	7	7	7	8	8	8	8	8	8	8	28	19	14	14	14	12	12	12	97	E by S
21	10	10	10	10	10	10	10	10	11	11	11	11	12	12	12	12	10	15	13	13	12	12	12	12	127	SE by E
22	10	10	11	11	11	11	11	11	11	11	11	11	11	12	12	12	12	12	12	11	11	9	9	10	123	SE by E
23	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	6	5	5	5	5	5	5	5	5	71	ENE
24	10	10	10	10	10	10	10	11	11	11	11	11	11	11	11	11	11	11	18	18	13	13	13	13	131	SE
25	9	9	10	10	10	10	10	10	11	11	11	11	11	11	12	12	14	14	15	15	15	15	14	15	134	SE
26	12	12	12	12	12	12	12	12	12	12	12	13	13	13	13	13	14	14	14	14	14	14	15	15	146	SE by S
27	9	9	9	9	10	10	10	10	10	10	10	10	10	10	10	10	10	13	13	11	9	12	12	12	116	ESE
28	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	10	11	12	11	11	142	SE by S
29	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	10	7	121	SE by E
30	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	6	6	6	7	7	7	7	7	77	E by N
31	7	7	7	7	7	7	7	7	7	7	7	6	6	6	6	6	5	31	3	4	4	4	4	4	63	ENE
Hourly Means	o 123 SEbE	o 122 SEbE	o 123 SEbE	o 123 SEbE	o 124 SEbE	o 124 SEbE	o 124 SEbE	o 125 SEbE	o 126 SEbE	o 126 SEbE	o 126 SEbE	o 126 SEbE	o 127 SEbE	o 127 SEbE	o 127 SEbE	o 130 SE	o 134 SE	o 149 SEbS	o 149 SEbS	o 143 SEbS	o 132 SE	o 127 SEbE	o 126 SEbE	o 127 SEbE	o 129	SE by E

No. of Observations with the wind in each quarter																										
	NW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2	Obs. NW
	SW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	6	12	8	6	0	0	0	0	33	„ SW
	SE	27	27	27	27	27	27	27	27	28	28	28	28	28	28	27	21	16	20	22	28	28	28	27	628	„ SE
	NE	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3	3	2	3	3	3	3	3	4	81	„ NE

FORCE OF THE WIND—MARCH 1859

	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	
1	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	
2	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
3	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·35	·55	·60	·00	·06		
4	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·30	·20	·35	·04		
5	·15	·17	·05	·15	·12	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·45	·40	·35	·20	·09		
6	·25	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·10	·00	·00	·00	·15	·12	·03	
7	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
8	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
9	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
11	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
12	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
13	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
14	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
16	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
17	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
18	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
19	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
20	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
21	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
22	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
23	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
24	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
25	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
26	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
27	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
28	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
29	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
30	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
31	·00	·00	·00	·00	·00	·00	·00	·00	.00	·00	·00	·00	·00	·00	·00	·00	·00	·00	.00	·00	·10	·20	·15	·15	·03	
Means	0·01	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·05	·05	·03	0·01	

The force is given in pounds and decimals of a pound on one square foot.
The entry ·00 denotes calms or pressures too small to overcome the inertia of the instrument.

DIRECTION AND FORCE OF THE WIND

DIRECTION OF THE WIND—APRIL 1859

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction
Madras Mean Time	h.m. 4.41	h.m. 5.41	h.m. 6.41	h.m. 7.41	h.m. 8.41	h.m. 9.41	h.m. 10.41	h.m. 11.41	h.m. 12.41	h.m. 13.41	h.m. 14.41	h.m. 15.41	h.m. 16.41	h.m. 17.41	h.m. 18.41	h.m. 19.41	h.m. 20.41	h.m. 21.41	h.m. 22.41	h.m. 23.41	h.m. 0.41	h.m. 1.41	h.m. 2.41	h.m. 3.41		
	parts	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	o	
1	8	8	8	8	8	8	8	6	6	6	6	6	6	6	6	6	4	4	4	4	4	4	4	4	67	E N E
2	3	3	4	4	4	4	6	6	6	6	8	8	8	8	8	9	6	5	7	8	7	7	7	7	70	E N E
3	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	8	8	8	8	8	8	8	10	8	70	E N E
4	8	9	9	9	9	9	9	10	12	12	12	12	12	6	5	5	5	30	3	5	5	5	5	7	85	E
5	9	9	10	10	10	10	10	10	10	10	10	10	10	10	10	11	11	11	11	12	12	12	12	12	118	E S E
6	11	11	11	11	11	11	11	11	12	12	12	12	12	12	12	12	12	12	12	12	13	13	13	13	133	S E
7	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	Board Stopped									?	
8	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	12	12	12	12	12	12	143	S E by S
9	14	14	14	14	14	14	14	14	14	14	14	14	14	14	13	13	13	13	13	13	13	13	14	14	154	S S E
10	13	13	13	13	13	13	13	13	12	12	12	12	12	12	12	12	12	12	11	11	11	11	11	9	135	S E
11	13	13	13	13	13	14	14	14	14	14	14	13	13	13	13	14	14	13	13	13	12	14	14	14	151	S E by S
12	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	16	18	15	14	12	14	14	15	153	S S E
13	15	14	14	14	14	31	22	22	21	20	20	20	20	20	20	19	18	18	16	15	15	14	13	14	201	S S W
14	12	12	13	13	13	13	13	12	12	12	12	12	12	12	12	12	12	12	13	13	13	13	13	15	141	S E by S
15	11	11	11	12	12	12	12	12	12	12	12	12	12	12	12	12	12	13	13	13	13	14	14	15	139	S E
16	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	14	15	14	14	13	14	14	13	150	S E by S
17	14	14	14	14	14	14	15	15	15	15	15	15	15	15	15	15	17	18	16	16	16	15	14	16	170	S by E
18	15	16	13	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	15	15	15	13	13	159	S S E
19	14	14	14	14	14	14	14	14	14	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	165	S by E
20	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	9	9	9	9	129	S E by E
21	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	26	30	1	2	4	5	5	5	74	E by N
22	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	5	5	5	5	2	1	1	59	N E by E
23	6	5	5	5	4	3	3	19	4	4	5	5	5	11	11	12	12	12	14	16	17	17	22	22	112	E S E
24	13	13	13	13	13	11	11	11	11	11	11	11	11	8	8	8	8	7	7	Board Stopped					?	
25	13	13	13	13	14	14	14	14	14	14	15	15	15	15	15	15	15	16	16	16	15	15	15	15	164	S by E
26	14	14	14	13	13	13	13	13	19	19	17	16	14	14	14	14	14	13	13	13	14	14	15	15	162	S S E
27	14	14	14	14	14	14	14	14	14	17	16	16	16	16	16	16	16	17	17	17	17	16	18	18	176	S
28	14	15	15	15	14	14	14	14	14	14	14	14	15	15	15	16	15	15	15	14	14	14	14	14	163	S S E
29	15	16	15	16	16	17	17	18	18	18	19	19	19	19	19	20	21	21	21	21	18	17	17	17	203	S S W
30	14	14	15	15	15	15	16	28	28	28	28	28	27	27	27	21	20	20	24	29	29	14	11	11	236	S W by W
Hourly Means	o 130 S E	o 131 S E	o 131 S S E	o 132 S E	o 131 S E	o 124 S E b E	o 135 S E	o 145 S E b S	o 142 S E b S	o 144 S E b S	o 144 S E b S	o 144 S E b S	o 143 S E b S	o 142 S E b S	o 141 S E b S	o 142 S E b S	o 135 S E	o 135 S E	o 138 S E	o 131 S E	o 128 S E b S	o 135 S E	o 136 S E	o 138 S E	o 139	S E
No. of Observations with the wind in each quarter N W	0	0	0	0	0	1	0	1	1	1	1	1	1	1	1	0	1	2	1	1	1	0	0	0	15	Obs. N W
S W	0	2	0	1	1	1	3	3	3	4	4	4	3	3	3	5	6	7	5	5	4	3	3	4	77	„ S W
S E	26	24	26	25	25	24	23	22	21	20	21	21	22	22	22	21	18	16	17	18	18	20	20	19	511	„ S E
N E	4	4	4	4	4	4	4	4	5	5	4	4	4	4	4	3	4	4	6	4	5	5	5	5	103	„ N E

FORCE OF THE WIND—APRIL 1859

	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	
1	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome the inertia of the instrument.
2	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
3	·25	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·30	·65	·05	
4	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
5	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
6	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·25	·12	·00	·02	
7	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	Board Stopped										
8	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·15	·14	·01	
9	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
11	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·10	·00	·01	
12	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·30	·35	·38	·28	·05	
13	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
14	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
16	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
17	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
18	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
19	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
20	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
21	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
22	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
23	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
24	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	B.	S.					
25	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
26	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·08	·00	·00	·01		
27	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·15	1·00	1·15	1·25	·70	·60	·65	·23	
28	·70	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·15	·40	·45	·30	·25	·40	1·35	1·90	·85	·41	
29	·85	·60	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	0·00	0·00	0·00	0·00	0·00	·00	·06	
30	·15	·12	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	
Means	0·07	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·01	·02	·08	·09	·11	·10	·13	·09	0·03	

DIRECTION AND FORCE OF THE WIND

DIRECTION OF THE WIND—MAY 1859

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction
Madras Mean Time	h.m. 4.41	h.m. 5.41	h.m. 6.41	h.m. 7.41	h.m. 8.41	h.m. 9.41	h.m. 10.41	h.m. 11.41	h.m. 12.41	h.m. 13.41	h.m. 14.41	h.m. 15.41	h.m. 16.41	h.m. 17.41	h.m. 18.41	h.m. 19.41	h.m. 20.41	h.m. 21.41	h.m. 22.41	h.m. 23.41	h.m. 0.41	h.m. 1.41	h.m. 2.41	h.m. 3.41		
	parts	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	o	
1	10	10	10	10	10	10	10	10	10	10	10	10	10	10	15	24	24	24	24	24	24	24	24	24	174	s by E
2	12	13	13	13	13	13	13	15	15	15	15	15	15	15	15	16	17	20	21	22	22	24	13	13	177	S
3	12	13	13	14	14	14	14	14	14	14	14	15	15	15	15	15	15	21	21	21	21	13	13	13	170	s by E
4	12	12	12	12	12	12	13	16	16	16	16	15	15	15	15	15	15	13	13	13	12	12	12	12	153	S S E
5	12	13	13	13	13	14	14	15	15	16	16	16	16	16	12	14	14	14	15	13	13	13	12	12	157	S S E
6	13	29	14	14	14	14	14	14	15	15	16	16	16	16	15	15	15	20	21	17	12	12	7	7	169	s by E
7	12	12	12	12	11	11	12	12	12	13	13	15	16	16	16	16	15	15	15	12	12	12	B.	S.	150	SE by S
8	12	12	12	12	12	12	12	12	14	14	15	15	15	15	15	16	17	20	20	21	21	12	12	12	164	s by E
9	13	13	13	13	13	15	15	15	16	17	18	18	18	18	18	18	21	21	23	23	23	24	26	25	205	S S W
10	13	13	13	13	16	16	16	17	17	17	17	17	17	17	18	18	20	26	28	30	31	6	B.	S.	203	S S W
11	11	11	11	15	15	15	15	16	18	18	18	18	19	19	19	19	19	19	19	22	16	15	15	15	186	s by W
12	13	13	13	13	13	13	13	13	14	14	14	14	14	14	15	17	17	17	24	13	13	12	12	12	159	S S E
13	13	13	14	14	15	15	15	15	15	15	15	15	15	16	16	16	17	15	14	14	13	13	13	14	164	s by E
14	12	15	15	15	15	15	16	16	16	17	17	18	18	31	3	21	21	17	21	6	11	12	12	3	155	S S E
15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	14	14	14	14	13	13	13	164	s by E
16	13	13	13	13	13	13	13	13	13	13	13	14	14	14	15	16	16	14	14	13	14	13	14	14	154	S S E
17	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	15	15	13	13	14	14	14	14	157	S S E
18	14	14	14	15	15	15	15	15	15	15	16	16	17	17	17	20	20	20	17	17	16	16	16	16	182	S
19	13	13	13	13	13	13	15	16	17	16	16	17	17	17	17	16	16	16	16	15	14	14	13	13	168	s by E
20	15	15	15	15	15	15	16	16	17	17	17	17	17	17	17	17	21	22	23	26	21	12	11	12	190	s by W
21	10	11	11	11	12	12	13	13	14	14	14	14	14	14	15	16	16	16	16	19	20	12	10	12	154	S S E
22	14	15	16	16	17	17	3	8	21	21	21	25	25	23	23	24	24	24	25	12	12	12	12	12	198	S S W
23	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	17	19	20	20	20	17	15	15	15	180	S
24	15	16	16	16	16	16	16	16	16	16	16	16	16	17	17	24	31	31	31	15	9	9	8	8	146	SE by S
25	9	9	9	9	9	9	9	10	10	10	10	11	11	12	24	22	22	22	19	19	18	18	17	17	157	S S E
26	12	12	12	12	12	12	12	12	12	12	12	13	13	14	14	16	18	19	17	14	13	13	13	12	150	SE by S
27	14	14	14	14	14	14	14	14	15	15	15	15	16	16	18	20	20	20	18	17	14	14	14	14	175	S
28	13	15	15	15	16	16	16	16	16	16	16	16	16	16	3	3	0	0	30	23	25	28	16	15	229	S W
29	14	14	15	15	15	24	24	24	24	24	24	24	24	24	24	24	28	28	29	29	7	10	12	14	232	sw by W
30	12	12	12	12	13	15	15	15	15	16	16	16	16	16	17	24	24	24	25	24	5	8	10	12	175	S
31	15	15	15	16	17	18	18	19	19	19	19	19	19	19	19	27	27	27	28	29	7	11	13	14	210	sw by S
Hourly Means	o 144 SEbS	o 154 SSE	o 150 SEbS	o 152 SSE	o 155 SSE	o 160 SSE	o 158 SSE	o 164 SbE	o 172 SbE	o 174 SbE	o 175 S	o 179 S	o 181 S	o 186 SbW	o 178 S	o 201 SSW	o 222 SW	o 227 SW	o 230 SW	o 207 SSW	o 176 S	o 158 SSE	o 152 SSE	o 151 SEbS	o 174	s by E
No. of Observations with the wind in each quarter — NW	0	1	0	0	0	1	1	1	1	1	1	2	2	2	2	6	6	7	9	6	3	4	2	2	60	Obs. NW
SW	0	1	2	3	5	5	6	9	11	13	15	13	15	16	13	18	17	16	15	12	10	2	3	2	222	„ SW
SE	31	29	29	28	26	25	23	21	19	17	15	16	14	13	14	6	7	7	7	12	15	24	23	23	444	„ SE
NE	0	0	0	0	0	0	1	0	0	0	0	0	0	0	2	1	1	1	0	1	3	1	1	2	14	„ NE

FORCE OF THE WIND—MAY 1859

	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome the inertia of the instrument.
1	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	
2	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·08	·09	·07	·00	·00	·01	
3	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·03	·00	·00	·00	·00	·00	·00	
4	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
5	·02	·01	·00	·00	·00	·00	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
6	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
7	·00	·00	·00	·00	·00	·00	·00	·00	.00	·15	·13	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	B.	S.	·01	
8	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·02	·00	
9	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
10	·00	·00	·00	·00	·15	·17	·13	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·08	·01	·00	·00	B.	S.	·02	
11	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
12	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
13	·00	·00	·05	·13	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	
14	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·30	·27	·00	·00	·00	·00	·00	·00	·00	·00	·02	
15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
16	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·85	·60	·30	·00	·07		
17	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·15	·22	·30	·80	1·00	·20	·00	·11	
18	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·42	0·35	·22	·15	·05	
19	·00	·12	·02	·00	·00	·08	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	
20	·10	·40	·12	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	
21	·00	·04	·10	·07	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·12	·02	·05	·00	·00	·00	·00	·20	·25	·04	
22	·10	·12	·00	·00	·00	·00	·30	·20	·25	·27	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	
23	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
24	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
25	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·08	·01	
26	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
27	·25	·10	·08	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·10	·05	·00	·00	·00	·05	·10	·15	·00	·04	
28	·10	·13	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	
29	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
30	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
31	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·08	·07	·03	·00	·00	·00	·00	·01	
Means	0·02	·03	·01	·01	·00	·01	·02	·01	·01	·01	·00	·00	·00	·00	·01	·02	·01	·01	·02	·02	·07	·07	·04	·02	0·02	

DIRECTION AND FORCE OF THE WIND

DIRECTION OF THE WIND—JUNE 1859

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction
Madras Mean Time	h.m. 4.41	h.m. 5.41	h.m. 6.41	h.m. 7.41	h.m. 8.41	h.m. 9.41	h.m. 10.41	h.m. 11.41	h.m. 12.41	h.m. 13.41	h.m. 14.41	h.m. 15.41	h.m. 16.41	h.m. 17.41	h.m. 18.41	h.m. 19.41	h.m. 20.41	h.m. 21.41	h.m. 22.41	h.m. 23.41	h.m. 0.41	h.m. 1.41	h.m. 2.41	h.m. 3.41		
	parts	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	o	
1	13	14	14	14	14	14	14	14	14	14	14	14	14	14	17	18	24	26	24	24	20	18	15	15	186	s by w
2	9	23	22	21	21	20	20	20	20	22	26	25	26	26	Board Stopped.										?	
3	13	13	12	12	12	12	12	12	12	12	12	16	18	6	7	7	7	7	7	7	7	7	9	9	116	E S E
4	11	11	12	12	12	12	13	14	15	15	30	30	30	30	30	30	30	30	30	30	30	30	30	30	46	N E
5	13	13	13	14	15	15	23	23	23	23	23	23	23	23	23	23	23	23	24	22	22	23	23	23	232	s w by w
6	12	12	12	12	13	13	13	22	22	22	22	22	22	22	22	22	24	24	24	24	24	23	15	22	218	s w by s
7	11	11	12	12	12	12	13	13	16	21	22	23	23	23	23	23	23	23	24	24	24	13	13	13	200	s s w
8	13	13	13	13	13	13	13	13	13	13	14	14	14	14	14	14	18	21	24	24	19	14	4	4	160	s s E
9	6	6	6	7	7	7	12	12	12	12	13	13	13	13	18	24	24	24	24	24	24	24	24	20	173	s by E
10	17	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	180	S
11	31	0	21	20	20	20	18	18	18	18	18	18	18	18	18	18	18	18	19	20	20	20	19	17	223	s w
12	18	18	22	22	23	23	23	23	23	23	23	23	23	23	23	22	21	21	20	20	20	20	19	20	242	w s w
13	20	20	20	20	20	20	20	20	20	20	20	20	19	19	19	19	19	19	22	22	23	23	23	23	230	s w
14	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	23	23	25	24	23	22	234	s w by w
15	23	23	23	23	23	23	23	23	23	23	23	23	23	23	24	24	24	24	24	23	Board Stopped.				?	
16	17	17	21	21	21	21	21	21	21	21	21	21	21	21	21	21	22	23	24	24	23	25	24	24	242	w s w
17	23	17	17	17	17	17	17	17	17	17	17	17	17	17	17	23	24	25	24	24	23	23	23	22	221	s w
18	19	19	19	19	19	19	19	19	19	19	20	20	20	20	20	27	28	28	28	28	Board Stopped.				?	
19	9	20	18	18	18	18	18	22	23	24	24	24	24	24	24	24	24	25	24	26	26	26	26	27	251	w s w
20	7	7	11	12	15	15	18	18	18	18	19	20	20	20	20	20	20	25	15	15	16	16	16	16	186	s by w
21	14	14	15	15	18	18	18	18	18	18	18	19	19	19	19	19	19	19	19	19	19	19	19	17	201	s s w
22	17	16	16	16	16	.16	16	16	16	16	16	16	16	16	16	17	17	17	17	17	18	18	18	15	185	s
23	16	16	16	16	16	16	16	17	17	17	17	17	17	17	16	16	23	23	23	22	22	21	20	14	202	s s w
24	15	15	15	15	15	16	17	17	17	17	17	17	17	17	17	17	23	23	23	22	22	8	12	12	190	s by w
25	14	15	15	15	15	16	18	18	18	19	19	19	19	19	19	19	20	20	24	24	23	19	16	15	205	s s w
26	16	16	17	17	18	17	17	17	17	20	20	20	20	20	20	20	17	17	18	15	15	15	14	14	195	s by w
27	15	15	15	15	15	15	19	19	19	19	19	19	Board Stopped				24	24	25	24	24	24	24	24	?	
28	9	12	12	12	12	13	13	15	15	15	15	16	16	16	16	16	24	27	27	25	12	9	8	10	171	s by E
29	11	12	12	12	13	13	13	15	15	15	16	17	17	17	17	17	25	0	0	5	7	8	8	8	137	S E
30	9	10	11	12	13	14	16	17	17	18	21	21	21	21	21	21	21	21	21	21	21	21	21	20	202	s s w
Hourly Means	o 153 SSE	o 163 SSE	o 175 S	o 176 S	o 181 S	o 182 S	o 191 SBW	o 198 SSW	o 200 SSW	o 205 SSW	o 216 SWBS	o 219 SWBS	o 220 SW	o 215 SWBS	o 216 SWBS	o 224 SW	o 241 SWBW	o 250 WSW	o 252 WSW	o 251 WSW	o 227 SW	o 211 SWBS	o 201 SSW	o 197 SSW	o 207	SSW
No. of Observations with the wind in each quarter N W	1	0	0	0	0	0	0	0	0	1	3	3	3	3	3	5	11	11	15	13	7	6	5	4	94	Obs. N W
S W	11	13	14	14	15	17	21	22	23	22	22	24	23	22	23	21	17	16	11	12	16	14	13	12	418	„ S W
S E	16	14	15	15	14	12	9	8	7	7	5	3	3	3	1	1	0	0	1	2	2	6	8	10	162	„ S E
N E	2	3	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	2	2	2	2	1	1	1	24	„ N E

FORCE OF THE WIND—JUNE 1859

	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	
1	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	
2	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	Board Stopped.											
3	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
4	·00	·00	·00	·00	·00	·00	.00	·00	·00	·00	·50	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·00	·00	·00	·02	
5	·00	·00	·00	·00	·00	·00	·65	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	
6	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
7	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
8	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
9	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
11	·00	·00	·00	·00	·00	·15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	
12	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
13	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
14	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·35	·18	·10	·00	·03	
15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	Board Stopped.				·00	
16	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·12	·15	·00	·00	·02	
17	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·02	·10	·00	·00	·00	·00	·01	
18	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·00	·00	·00	·10	Board Stopped.				·01	
19	·00	·00	·00	·00	·00	·00	·00	·20	·45	·10	·00	·00	·00	·00	·00	·00	·00	·10	·15	·08	·00	·00	·00	·00	·05	
20	·00	·00	·00	·00	·10	·00	·15	·25	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·04	·00	·00	·00	·00	·00	·02	
21	·00	·00	·00	·00	·15	·00	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	
22	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
23	·00	·00	·10	·00	·00	·00	·00	·00	.00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
24	·05	·00	·00	·00	·00	·00	·00	·00	.00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·01	
25	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
26	·10	·15	·12	·15	·10	·08	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	
27	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	Board Stopped,				·00	·00	·00	·00	·00	·00	·00	·00	·00	
28	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
29	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
30	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
Means	0·01	·01	·01	·01	·01	·01	·03	·02	·02	·00	·02	·00	·00	·00	·00	·00	·00	·01	·01	·02	·02	·01	·00	·00	0·01	

The force is given in pounds and decimals of a pound on one square foot.
The entry ·00 denotes calms or pressures too small to overcome the inertia of the instrument.

DIRECTION AND FORCE OF THE WIND

DIRECTION OF THE WIND—JULY 1859

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction
Madras Mean Time	h.m. 4.41	h.m. 5.41	h.m. 6.41	h.m. 7.41	h.m. 8.41	h.m. 9.41	h.m. 10.41	h.m. 11.41	h.m. 12.41	h.m. 13.41	h.m. 14.41	h.m. 15.41	h.m. 16.41	h.m. 17.41	h.m. 18.41	h.m. 19.41	h.m. 20.41	h.m. 21.41	h.m. 22.41	h.m. 23.41	h.m. 0.41	h.m. 1.41	h.m. 2.41	h.m. 3.41		
	parts	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	o	
1	17	17	17	17	17	17	17	17	17	17	17	17	17	18	20	20	25	6	8	8	8	11	10	10	171	s by E
2	8	9	9	9	9	9	9	9	9	9	17	17	17	17	17	17	17	17	17	17	16	15	15	15	150	SE by S
3	16	16	16	16	16	16	16	16	16	16	17	17	17	17	17	17	22	22	22	20	18	18	17	17	196	S by W
4	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	14	13	14		167	S by E
5	15	15	16	16	16	16	16	17	17	17	17	19	19	19	20	20	22	20	20	20	20	18	19	20	203	SSW
6	15	15	15	15	15	15	15	15	15	15	15	16	16	16	16	16	18	18	17	17	17	17	17	17	180	S
7	16	16	16	16	16	16	16	15	15	15	15	15	15	15	15	15	15	15	16	18	16	15	15	14	174	S by E
8	15	15	15	15	15	15	15	15	15	17	17	17	17	17	17	20	20	0	2	6	8	8	8	9	149	SE by S
9	8	9	10	23	16	16	16	16	16	16	16	16	16	16	16	16	16	17	27	5	5	4	4	5	137	SE
10	31	3	3	3	4	4	4	3	3	3	3	3	3	3	3	3	3	4	8	9	9	9	9	9	50	NE
11	8	8	8	9	9	27	27	27	28	28	28	0	0	31	25	25	27	28	2	0	31	1	4	2	0	N
12	31	0	31	28	21	31	1	3	3	2	3	3	0	31	1	3	4	4	3	4	4	2	3	0	11	N by E
13	8	13	13	13	13	14	15	20	19	19	19	19	19	19	19	19	19	20	17	14	15	15	13	14	182	S
14	17	18	18	20	30	4	26	24	24	24	24	24	24	24	24	24	24	22	23	24	24	22	21	15	261	W by S
15	13	14	16	16	16	17	17	18	18	18	18	18	18	19	20	20	23	23	23	22	22	22	22	22	213	SW by S
16	21	21	19	19	18	25	25	24	24	24	22	23	23	23	23	23	22	24	24	24	24	24	24	24	256	W by S
17	20	20	20	20	20	20	20	20	20	20	22	22	22	22	22	22	22	22	23	22	22	22	22	22	239	SW by W
18	21	21	21	21	21	21	21	22	22	23	24	24	24	24	24	24	23	22	24	24	24	25	24	24	257	W by S
19	23	23	23	23	23	23	23	23	22	22	22	22	22	22	22	22	22	22	22	23	24	24	24	24	255	W by S
20	23	23	23	23	22	20	22	23	23	23	23	23	23	23	23	23	22	22	22	22	23	24	24	24	256	W by S
21	22	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	22	21	21	21	21	237	SW by W
22	20	24	23	23	23	23	22	22	22	22	22	22	22	22	23	23	22	22	23	24	24	23	23	23	254	W by S
23	21	21	21	21	21	21	22	22	22	22	22	22	23	23	23	23	23	23	23	24	26	25	25	25	255	W by S
24	3	30	30	30	30	30	30	31	31	31	31	31	31	31	31	30	30	31	31	31	30	29	29	29	344	N by W
25	25	25	25	25	25	25	24	24	24	24	24	24	24	24	24	24	24	24	25	25	23	25	22	23	272	W
26	22	21	22	24	24	23	23	23	23	24	24	24	24	23	23	23	26	24	24	23	24	24	25	24	264	W by S
27	23	24	23	23	23	23	23	24	24	24	24	24	24	24	24	24	23	23	23	23	25	24	23	22	264	W by S
28	23	23	23	25	25	25	25	25	25	25	24	24	24	24	24	24	24	24	24	24	23	22	23	23	270	W
29	22	22	22	22	16	16	16	16	16	16	16	17	17	17	17	24	24	24	24	27	26	24	24	24	229	SW
30	6	8	8	9	9	9	9	9	10	10	10	12	12	12	12	12	13	15	22	24	22	22	22	22	150	SE by S
31	22	22	13	13	13	13	15	16	17	17	17	17	18	18	18	17	20	23	23	23	22	22	3	4	220	SW
Hourly Means	o 200 SSW	o 205 SSW	o 201 SSW	o 208 SSW	o 204 SSW	o 207 SSW	o 217 SWbS	o 232 SWbW	o 232 SWbW	o 233 SWbW	o 237 SWbW	o 241 SWbW	o 241 SWbW	o 240 SWbW	o 241 SWbW	o 244 WSW	o 252 WSW	o 228 SW	o 252 WSW	o 258 WbS	o 245 WSW	o 242 WSW	o 245 WSW	o 243 WSW	o 231	SW by W
No. of Observations with the wind in each quarter NW	3	4	3	5	5	6	6	7	7	8	8	7	7	8	7	8	8	7	8	10	11	10	8	8	169	Obs. NW
SW	17	15	18	17	17	16	16	16	16	16	17	18	18	19	19	18	18	17	17	13	13	11	12	11	385	„ SW
SE	9	10	9	8	8	7	7	6	6	5	4	3	3	3	3	3	3	3	3	4	5	7	7	8	134	„ SE
NE	2	2	1	1	1	2	2	2	2	2	2	3	3	1	2	2	2	4	3	4	2	3	4	4	56	„ NE

FORCE OF THE WIND—JULY 1859

	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	
1	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	
2	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	.00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
3	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
4	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·02	·00	
5	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
6	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
7	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
8	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
9	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·10	·20	·00	·01	
10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
11	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·08	·00	·01	
12	·45	·05	·05	·03	·01	·90	·55	·10	·00	·00	·00	·00	·00	·00	·00	·00	.00	·00	·00	·00	·00	·00	·00	·00	·09	
13	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
14	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
15	·00	·00	·10	·15	·12	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	
16	·00	·00	·00	·03	·15	2·15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	
17	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
18	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·15	·05	·00	·00	·01	
19	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·15	·12	·00	·02	
20	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
21	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
22	·00	·42	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	
23	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·25	·27	·15	·12	·04	
24	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·60	·25	·10	·00	·00	·00	·00	·04	
25	·00	·00	·00	·00	·00	·00	·00	·10	·15	·00	·00	·00	·00	·00	·00	·00	·00	·05	·07	·00	·00	·00	·00	·00	·02	
26	·00	·00	·00	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·15	·20	·22	·00	·20	·00	·00	·00	·03	
27	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
28	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
29	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
30	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
31	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
Means	0·01	·02	·00	·01	·01	·10	·02	·01	00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·02	·01	·02	·02	·02	·00	0·01	

The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome the inertia of the instrument.

DIRECTION AND FORCE OF THE WIND

DIRECTION OF THE WIND—AUGUST 1859

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction
Madras Mean Time	h.m. 4.41	h.m. 5.41	h.m. 6.41	h.m. 7.41	h.m. 8.41	h.m. 9.41	h.m. 10.41	h.m. 11.41	h.m. 12.41	h.m. 13.41	h.m. 14.41	h.m. 15.41	h.m. 16.41	h.m. 17.41	h.m. 18.41	h.m. 19.41	h.m. 20.41	h.m. 21.41	h.m. 22.41	h.m. 23.41	h.m. 0.41	h.m. 1.41	h.m. 2.41	h.m. 3.41		
	parts	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	o	
1	7	11	11	11	11	13	13	13	13	14	14	13	13	13	13	13	13	13	15	15	15	15	15	15	146	s E by s
2	10	10	10	10	11	11	11	12	12	12	12	12	12	12	12	12	20	20	19	17	17	17	16	16	151	s E by s
3	14	14	14	14	14	14	14	14	15	22	21	21	21	25	26	26	26	26	26	26	25	25	25	25	231	s w
4	26	13	14	14	14	14	14	14	14	14	14	14	14	14	18	17	19	23	23	23	23	24	24	23	199	s s w
5	23	23	23	23	24	24	23	24	23	23	23	23	23	23	23	22	22	22	23	18	15	14	14	14	240	sw by w
6	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	25	26	26	17	14	13	183	s
7	13	14	14	14	14	14	14	14	14	15	15	15	15	15	15	15	16	16	16	16	16	16	17	17	169	s by E
8	15	16	16	16	16	16	16	16	16	16	16	16	17	17	17	17	17	17	17	17	17	16	16	16	184	s
9	14	14	14	14	14	14	14	15	15	16	17	17	17	17	17	18	23	23	23	23	23	16	16	16	192	s by w
10	15	15	15	16	17	17	17	17	20	23	23	23	23	23	31	4	4	5	5	4	4	4	5	5	157	s s E
11	4	5	6	7	11	13	13	13	13	16	17	19	19	20	20	20	24	24	26	26	26	20	20	20	188	s by w
12	18	18	18	19	19	19	20	23	24	25	26	26	26	27	27	28	28	28	28	24	20	18	16	16	254	w by s
13	15	15	15	15	16	16	16	16	18	23	24	24	24	24	24	24	24	24	24	1	3	11	14	14	229	s w
14	14	14	14	14	15	15	15	15	15	15	18	20	21	25	25	25	25	25	24	25	18	17	17	17	210	sw by s
15	26	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	26	31	31	31	1	6	6	7	233	sw by w
16	8	9	9	16	16	17	17	17	17	17	17	18	23	25	25	25	27	0	1	1	17	15	15	15	217	sw by s
17	25	26	28	28	28	28	23	23	23	23	23	23	23	23	27	27	28	28	28	0	31	31	8	8	279	w by N
18	26	26	26	26	26	26	26	26	26	26	26	26	26	27	27	27	27	29	29	29	28	28	28	28	302	NW by w
19	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	27	27	27	27	27	28	28	28	313	N W
20	28	29	29	29	29	29	29	29	29	25	25	25	25	25	26	27	28	28	29	29	29	29	29	29	313	N W
21	15	15	16	16	13	28	30	30	30	31	31	31	31	31	31	0	0	0	0	0	31	31	31	31	311	N W
22	0	0	0	1	1	1	21	21	23	23	23	23	23	23	23	23	24	24	24	24	24	24	26	26	289	W N W
23	24	24	24	24	24	24	24	23	22	22	22	22	22	23	23	24	24	23	23	23	23	23	23	23	261	w by s
24	20	20	20	20	20	20	20	21	21	21	21	21	21	22	22	22	23	26	26	24	24	24	24	24	247	W S W
25	21	21	20	17	16	16	16	22	22	22	22	22	22	22	22	23	21	21	21	21	21	21	22	23	233	sw by w
26	17	16	16	16	16	16	16	16	16	17	18	18	18	18	21	21	21	21	21	21	21	21	21	21	208	s s w
27	21	16	15	15	16	15	15	16	16	17	17	17	20	21	24	23	23	23	22	22	22	21	21	21	215	sw by s
28	20	24	30	1	1	10	11	16	16	16	16	16	17	17	17	24	24	24	24	23	23	23	23	22	235	sw by w
29	16	16	16	16	16	24	28	28	28	28	28	28	28	28	28	28	22	22	22	23	23	23	22	22	264	w by s
30	22	22	20	20	25	25	25	25	26	26	25	25	25	25	25	25	26	24	26	26	25	25	25	25	276	w by N
31	1	2	2	26	26	26	26	26	26	26	26	26	26	27	27	27	27	27	28	28	28	28	1	1	316	N W
Hourly Means	o 212 swbs	o 209 swbs	o 211 swbs	o 212 swbs	o 216 swbs	o 218 swbs	o 214 swbs	o 221 sw	o 224 sw	o 231 swbw	o 234 swbw	o 235 swbw	o 239 swbw	o 245 wsw	o 254 wbs	o 259 wbs	o 268 w	o 275 w	o 279 wbN	o 281 wbN	o 270 w	o 241 swbw	o 223 sw	o 222 sw	o 235	sw by w
No. of Observations with the wind in each quarter NW	7	6	6	6	8	10	8	8	8	8	9	9	9	12	15	14	16	15	16	13	12	11	9	8	243	Obs. N W
SW	9	10	10	12	11	9	12	14	14	17	17	17	17	14	12	11	11	11	11	12	14	14	13	14	306	„ S W
S E	11	12	12	10	10	11	11	9	9	6	5	5	5	5	4	4	2	2	1	1	2	4	6	6	153	„ S E
NE	4	3	3	3	2	1	0	0	0	0	0	0	0	0	0	2	2	3	3	5	3	2	3	3	42	„ N E

FORCE OF THE WIND—AUGUST 1859

	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	
1	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	
2	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	.00	
3	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
4	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
5	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·10	·01	
6	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
7	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
8	.00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
9	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·12	·01	
10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
11	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
12	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
13	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
14	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
16	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
17	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
18	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
19	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
20	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
21	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
22	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
23	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
24	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
25	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
26	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
27	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
28	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
29	·00	·00	·00	·00	·00	·40	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	
30	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·01	·00	·00	·00	·00	
31	·00	·00	·00	·00	·00	·00	·00	·00	.00	·00	·00	·00	·00	·00	·00	·00	·00	·00	.00	·00	·00	·00	·00	·00	·00	
Means	0·00	·00	·00	·00	·00	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	0·00	

The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome the inertia of the instrument.

DIRECTION AND FORCE OF THE WIND

DIRECTION OF THE WIND—SEPTEMBER 1859

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction
Madras Mean Time	h.m. 4.41	h.m. 5.41	h.m. 6.41	h.m. 7.41	h.m. 8.41	h.m. 9.41	h.m. 10.41	h.m. 11.41	h.m. 12.41	h.m. 13.41	h.m. 14.41	h.m. 15.41	h.m. 16.41	h.m. 17.41	h.m. 18.41	h.m. 19.41	h.m. 20.41	h.m. 21.41	h.m. 22.41	h.m. 23.41	h.m. 0.41	h.m. 1.41	h.m. 2.41	h.m. 3.41		
	parts	p.	p	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	o	
1	12	12	13	13	14	19	19	19	20	20	20	24	25	26	26	26	27	28	28	28	28	28	31	31	252	WSW
2	9	10	10	10	11	15	16	17	17	17	17	17	18	18	18	27	27	28	28	28	29	29	29	29	222	SW
3	25	24	16	16	16	16	16	16	22	22	22	22	22	22	24	24	25	26	25	25	25	26	26	26	248	WSW
4	22	12	9	20	19	19	18	18	18	19	19	19	20	23	24	25	25	26	26	26	26	27	27	23	239	SW by W
5	10	10	10	10	10	10	10	8	8	8	8	8	3	3	0	0	31	27	28	28	28	28	12	12	55	NE by E
6	12	12	12	12	13	13	17	17	20	20	20	20	24	25	26	27	28	29	29	29	29	28	15	14	230	SW
7	15	15	15	15	15	15	15	15	15	15	16	16	18	18	18	25	27	29	30	30	30	1	1	1	237	SW by W
8	14	14	14	19	19	19	19	19	19	19	19	19	19	19	19	26	27	28	28	28	28	29	29	30	245	WSW
9	10	11	11	11	11	11	11	11	11	12	12	12	12	12	12	12	17	23	23	25	24	2	6	11	147	SE by S
10	11	11	11	11	11	11	12	12	12	13	13	15	15	15	15	15	15	15	15	14	12	12	12	12	145	SE by S
11	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	157	SSE
12	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	15	15	23	23	23	23	12	12	12	172	S by E
13	13	13	13	13	13	13	13	13	13	13	14	14	14	14	13	13	13	13	14	15	16	24	29	13	164	S by E
14	19	16	16	16	18	22	18	18	18	18	18	18	18	19	19	4	4	6	7	7	7	8	11	12	158	SSE
15	14	22	20	19	18	17	21	24	24	24	24	24	24	24	24	24	25	21	21	23	23	23	9	9	235	SW by W
16	2	2	2	2	3	3	3	17	21	21	21	24	24	24	24	24	24	24	25	25	25	14	14	14	284	W by N
17	14	14	14	13	13	13	14	14	14	14	14	15	15	15	15	15	25	25	25	25	5	6	7	7	165	S by E
18	8	8	8	8	8	8	8	8	8	22	22	22	22	22	22	22	22	22	22	13	13	B.	S.		?	
19	14	15	15	15	15	15	15	15	16	16	16	28	29	29	22	22	26	24	25	24	26	25	11	11	220	SW
20	10	10	10	10	10	10	10	10	10	10	10	10	11	6	29	29	29	14	14	11	10	10	10	10	97	E by S
21	12	12	12	12	13	13	13	13	13	13	13	14	14	14	14	14	14	14	14	14	14	14	14	14	150	SE by S
22	12	12	12	12	12	12	12	13	13	13	13	13	13	13	12	12	12	12	12	12	12	12	12	12	138	SE
23	13	13	13	13	13	13	13	14	14	14	14	14	14	14	14	14	15	15	15	15	15	15	15	15	158	SSE
24	12	12	12	12	12	12	12	12	12	12	12	13	13	13	13	13	13	13	13	13	12	11	11	10	137	SE
25	10	10	9	9	9	9	9	9	9	9	6	6	6	6	6	6	6	6	6	6	6	7	7	7	84	E by N
26	6	6	6	6	6	6	6	6	8	8	8	8	8	9	9	9	9	9	9	7	Board Stopped				?	
27	7	7	7	7	7	7	7	7	8	8	8	8	8	8	2	31	31	31	30	30	31	3	3	3	50	NE
28	3	4	4	4	4	4	4	4	4	4	4	0	0	0	31	31	31	31	31	30	3	3	3	3	22	NNE
29	4	4	4	4	3	3	3	3	4	4	4	4	4	4	4	4	31	29	29	4	Board Stopped				?	
30	4	4	4	4	4	4	4	4	0	0	27	27	27	27	27	27	27	27	25	26	25	24	23	23	335	NNW
Hourly Means	o 129 SEbE	o 129 SEbE	o 124 SEbE	o 129 SEbE	o 130 SE	o 135 SE	o 137 SE	o 144 SEbS	o 162 SSE	o 168 SbE	o 166 SbE	o 173 SbE	o 188 SbW	o 188 SbW	o 203 SSW	o 218 SWbS	o 262 WbS	o 237 SWbW	o 237 SWbW	o 237 SWbW	o 229 SW	o 181 S	o 105 EbS	o 120 SEbE	o 168	S by E
No. of Observations with the wind in each quarter NW	1	1	0	0	0	0	0	1	1	1	2	5	6	6	9	13	17	15	15	15	13	10	6	4	141	Obs. N W
SW	2	2	3	5	5	6	8	8	9	10	11	8	7	7	6	2	2	4	4	2	3	1	1	2	118	„ S W
SE	21	21	21	19	19	18	16	16	17	16	14	14	13	12	11	11	9	9	9	9	8	10	14	16	343	„ S E
NE	6	6	6	6	6	6	6	5	3	3	3	3	4	5	4	4	2	2	2	4	4	6	6	5	107	„ N E

FORCE OF THE WIND—SEPTEMBER 1859

	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	
1	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	
2	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
3	·00	·00	·00	·00	·00	·00	·00	·00	·35	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	
4	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
5	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
6	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
7	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
8	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
9	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
11	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
12	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
13	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
14	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
15	·00	·15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
16	·15	·00	·00	·00	·00	·00	·00	·00	·20	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	
17	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
18	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	B.	S.			·00	
19	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
20	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
21	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
22	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
23	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
24	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
25	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
26	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	Board Stopped				·00	
27	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
28	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
29	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	Board Stopped				·00	
30	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
Means	0·01	·01	·00	·00	·00	·00	·00	·00	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	0·00	

The force is given in pounds and decimals of a pound on one square foot.
The entry ·00 denotes calms or pressures too small to overcome the inertia of the instrument.

DIRECTION AND FORCE OF THE WIND

DIRECTION OF THE WIND—OCTOBER 1859

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction
Madras Mean Time	h.m. 4.41	h.m. 5.41	h.m. 6.41	h.m. 7.41	h.m. 8.41	h.m. 9.41	h.m. 10.41	h.m. 11.41	h.m. 12.41	h.m. 13.41	h.m. 14.41	h.m. 15.41	h.m. 16.41	h.m. 17.41	h.m. 18.41	h.m. 19.41	h.m. 20.41	h.m. 21.41	h.m. 22.41	h.m. 23.41	h.m. 0.41	h.m. 1.41	h.m. 2.41	h.m. 3.41		
	parts	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	o	
1	28	28	28	28	28	28	28	28	28	26	26	25	25	25	25	25	26	26	26	26	26	25	25	25	297	W N W
2	18	18	18	18	18	18	20	20	20	20	20	21	22	23	23	23	24	24	24	25	23	23	24	24	240	S W by W
3	22	21	21	22	22	22	23	23	24	24	24	24	24	24	24	25	25	26	26	26	25	25	24	24	267	W
4	19	29	22	23	23	22	22	22	22	22	22	22	22	22	22	22	24	24	24	24	3	4	4	4	280	W by N
5	9	9	10	13	25	25	20	20	21	21	21	21	22	22	22	22	27	28	28	28	23	23	23	23	237	SW by W
6	18	28	21	21	21	21	23	23	23	23	23	23	23	23	25	26	26	26	26	26	27	27	7	8	252	W S W
7	19	19	19	20	20	21	21	22	22	22	25	25	26	26	26	28	29	29	31	31	30	4	11	11	267	W
8	9	9	10	10	16	18	18	20	20	20	20	20	20	20	2	9	10	10	10	10	10	11	11	6	150	S E by S
9	5	29	2	2	19	20	23	23	23	22	22	22	22	22	24	24	24	25	25	29	0	24	7	10	270	W
10	24	26	27	27	27	26	25	25	25	25	25	25	25	25	0	0	0	1	6	12	12	12	12	12	259	W by S
11	8	8	8	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	27	29	30	12	12	220	S W
12	12	12	12	12	12	12	12	12	19	18	18	18	18	20	22	23	24	25	24	24	19	16	17	5	190	S by W
13	9	9	9	9	9	9	9	9	9	9	9	15	16	27	28	31	31	12	17	16	16	30	31	31	82	E by N
14	12	4	4	4	4	4	4	4	4	4	9	11	11	11	11	12	12	12	12	13	3	1	16	6	88	E
15	15	15	15	15	15	15	15	15	19	19	19	19	19	19	19	19	21	22	22	27	30	5	7	3	192	S by W
16	7	7	7	7	7	7	7	31	28	28	28	28	28	28	28	24	27	28	2	31	12	11	10	8	22	N N E
17	8	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	27	25	25	28	0	11	11	11	72	E N E
18	11	11	11	11	11	11	12	12	12	12	12	12	12	12	12	12	28	31	31	1	20	12	14	15	113	E S E
19	12	12	12	12	12	12	12	12	12	12	19	19	19	21	21	28	24	21	20	23	16	15	15	15	186	S by W
20	16	15	16	16	16	16	16	16	16	16	16	24	24	24	24	25	25	21	18	15	16	16	15	15	205	S S W
21	17	17	17	17	17	17	17	17	16	16	16	16	16	16	16	16	16	20	14	15	15	15	15	15	181	S
22	17	17	17	17	17	18	18	18	18	18	18	18	22	22	22	22	22	23	20	15	14	15	15	14	205	S S W
23	13	13	13	13	13	13	13	14	14	14	14	14	14	14	14	14	25	22	20	7	12	12	12	12	159	S S E
24	13	14	13	13	13	13	13	13	14	14	14	14	14	14	14	4	4	16	30	6	12	1	3	3	117	E S E
25	8	8	8	8	8	8	8	8	8	16	16	16	16	16	16	17	17	17	18	14	13	12	10	10	139	S E

Instrument under Repair till July 1860

	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	
Hourly Means	157	174	157	166	181	183	184	197	201	203	210	217	220	228	240	231	257	255	263	239	240	243	158	145	195	S by W
	S S E	S b E	S S E	S b E	S	S	S	S S W	S S W	S S W	S W b S	S W b S	S W	S W	S W b W	S W b W	W b S	W b S	W b S	S W b W	S W b W	W S W	S S E	S E b S		

No. of Observations with the wind in each quarter																										
N W	2	5	2	2	3	3	2	3	4	4	5	6	6	7	8	9	16	12	12	13	6	6	4	4	144	Obs. N W
S W	8	5	8	9	11	11	12	12	13	14	14	13	14	13	10	9	5	9	8	2	7	4	3	1	215	„ S W
S E	13	13	12	11	9	9	9	9	7	6	6	6	5	5	5	5	2	3	3	7	8	10	13	14	190	„ S E
N E	2	2	3	3	2	2	2	1	1	1	0	0	0	0	2	2	2	1	2	3	4	5	5	6	51	„ N E

FORCE OF THE WIND—OCTOBER 1859

	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	
1	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	
2	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·01	·00	·00	·00	
3	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
4	·00	·25	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	
5	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
6	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·00	·00	·00	·00	
7	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
8	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
9	·00	·06	·00	·00	·00	·00	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·08	·05	·00	·15	·00	·02	
10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·00	·00	·00	·00	·00	·00	·00	
11	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
12	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·15	·01	
13	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
14	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·00	·00	
15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·02	·00	·00	·00	·00	
16	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·01	·01	·00	·00	·00	·00	·00	
17	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·00	·00	·02	·00	·00	·00	·00	
18	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·03	·01	·00	·00	·00	·00	·00	
19	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·00	·00	·00	·02	·00	·03	·02	·00	
20	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
21	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·00	·05	·04	·10	·12	·14	·02	
22	·07	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·00	·00	·02	·02	·01	
23	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·05	·01	·02	·00	
24	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·10	·15	·02	
25	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	

Instrument under Repair till July 1860

Means	0·00	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·00	·01	·01	·01	·02	·02	0·00	

The force is given in pounds and decimals of a pound on one square foot.
The entry ·00 denotes calms or pressures too small to overcome the inertia of the instrument.

FALL OF RAIN FOR 1859

DEPTH OF RAIN AND EVAPORATION IN INCHES

	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER	
	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·013	—	0·095	—	0·007	—	0·005	—	—	—
2	—	—	—	—	—	—	0·030	—	—	—	—	—	—	—	—	0·849	—	—	—	—	—	—	—	—
3	—	0·040	—	—	—	—	·000	0·245	—	—	—	—	—	—	·100	·023	·035	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	—	0·122	—	—	—	—	—	—	0·002	·853	0·107	—	—	—	—
5	—	·001	—	—	—	—	—	—	—	0·008	·518	—	—	—	—	—	·034	·001	—	·181	—	—	—	—
6	0·088	·489	—	—	—	—	—	—	—	—	·003	—	—	—	—	—	·002	·001	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	—	—	·068	—	—	—	—	—	—	—	—	—	·085	0·150	—	—
8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	·045	—	—	—	·927	·003	—	—
9	—	—	—	—	—	—	—	—	—	—	·970	—	—	—	—	—	—	—	—	·499	—	·004	—	—
10	—	—	—	—	—	—	—	—	—	—	·020	—	—	—	—	—	1·388	—	—	·081	·042	·001	—	—
11	—	—	—	—	—	—	—	—	—	—	—	—	0·580	2·377	—	—	—	—	—	—	·360	·340	—	—
12	—	—	—	—	—	—	—	—	—	—	·031	—	3·227	0·173	—	—	—	—	—	·134	·953	·829	—	—
13	—	—	—	—	—	—	—	—	—	—	—	—	0·015	—	—	—	—	·389	—	·158	·205	·054	—	—
14	—	—	—	—	—	—	—	—	0·098	·002	—	—	·482	—	—	·016	1·232	·051	—	·090	—	—	—	—
15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	·027	0·048	—	—	—	—	·296	—	—
16	—	—	—	—	—	—	—	—	—	—	·073	—	·550	·010	·080	—	—	—	—	—	·425	1·428	—	—
17	—	—	—	—	—	—	—	—	—	—	—	0·033	·009	·002	—	·385	—	—	—	—	·523	0·338	—	—
18	—	—	—	—	—	—	—	—	—	—	·019	·125	·010	·003	—	·004	—	—	—	—	·808	·493	—	—
19	—	—	—	—	—	—	—	—	—	—	—	·282	·003	—	—	·113	·016	·143	—	—	—	·005	—	—
20	—	—	—	—	—	—	—	—	—	—	·021	·220	·013	·055	·008	—	—	—	—	—	—	·015	—	—
21	—	—	—	—	—	—	—	—	—	—	·006	—	—	·150	·177	·052	—	—	—	—	3·106	1·332	—	—
22	—	—	—	—	—	—	—	·040	·745	—	—	—	·070	—	—	—	—	—	—	—	0·112	0·238	—	—
23	—	—	—	—	—	—	3·297	·469	—	—	—	—	—	—	—	—	—	—	—	—	·770	—	—	—
24	—	—	—	—	—	—	0·019	·063	—	—	—	—	—	—	—	·002	—	—	—	—	·725	·148	—	—
25	—	—	—	—	—	—	·345	·036	—	—	—	—	—	—	—	—	·050	·115	—	—	—	·540	—	—
26	—	—	—	—	—	—	·020	·055	—	—	—	—	—	—	—	—	·070	·538	—	—	3·372	·280	—	—
27	—	—	—	—	—	—	·300	—	—	—	·008	—	—	—	—	—	·668	2·779	·000	·708	0·178	·040	—	—
28	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	·098	0·655	1·833	—	—	—	—	—
29	—	—	—	—	—	—	—	—	—	—	—	—	·270	—	·280	—	—	—	—	·042	·264	·012	—	—
30	—	—	—	—	—	—	—	—	—	—	—	—	·045	—	·055	·073	·024	·080	0·223	1·384	·047	·012	—	—
31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	·200	—	—	—	·306	1·109	—	—	—	—
Sums ...	0·088	0·530	—	—	—	—	4·011	0·908	0·843	0·010	1·854	0·660	5·274	2·770	0·913	1·544	3·805	4·754	3·222	4·493	12·907	6·558	—	—

EVAPORATION FOR 1859

	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·010	0·190	0·010	0·234	0·013	0·311	0·015	0·389	0·022	0·399	0·050	0·449	0·025	0·478	0·020	0·408	0·023	0·339	0·002	0·244	cov.	0·116	0·014	0·205
2	·017	·180	·015	·234	·013	·296	·007	·350	·024	·382	·052	·403	·027	·479	·029	·167	·010	·372	·030	·308	0·010	·201	·008	·218
3	·035	·095	·018	·230	·028	·278	·015	·212	·019	·419	·047	·390	·027	·498	·006	·137	·018	·401	·018	·300	·020	·169	·006	·256
4	·017	·200	·015	·234	·020	·299	·013	·409	·023	·419	·039	·363	·020	·399	·008	·297	·020	·324	·011	·311	·029	·174	·005	·299
5	·023	·138	·010	·208	·010	·310	·016	·374	·032	·357	cov.	·385	·025	·498	·010	·341	cov.	·285	·013	·235	·022	·293	·001	·228
6	·029	cov.	·010	·212	·015	·304	·026	·402	·028	·491	·037	·366	·022	·460	·018	·346	·007	·371	·020	·302	·032	·287	·002	·223
7	·017	·198	·014	·214	·016	·329	·029	·449	·023	·423	·037	·318	·023	·342	·024	·572	·030	·368	·022	·330	·008	·210	·010	·236
8	·023	·241	·007	·225	·008	·350	·025	·430	·028	·512	·046	·407	·026	·460	·024	·286	·009	·407	·015	·264	cov.	·223	·007	·241
9	·018	·243	·011	·227	·010	·341	·024	·441	·028	·599	·012	·175	·025	·517	·016	·384	·018	·402	·027	·215	·025	·203	·008	·210
10	·015	·264	·012	·232	·006	·319	·029	·419	·032	·479	·016	·204	·019	·489	·030	·316	·016	·235	·022	·231	·013	·168	·012	·320
11	·007	·210	·016	·197	·006	·281	·032	·426	·023	·310	·020	·205	·022	cov.	·029	·236	·013	·209	·019	·276	cov.	·119	·014	·277
12	·012	·175	·015	·291	·005	·248	·020	·450	·019	·330	·018	·260	cov.	cov.	·030	·230	·010	·398	·006	·252	cov.	cov.	·013	·218
13	·017	·233	·008	·221	·010	·352	·042	·384	·023	·310	·027	·265	·029	·263	·033	·365	·014	·288	·005	·100	cov.	·142	·013	·318
14	·017	·211	·011	·246	·009	·331	·028	·401	·022	·246	·022	·413	cov.	·299	·027	·293	cov.	·238	·009	·239	·029	·208	·010	·236
15	·022	·187	·013	·232	·011	·389	·030	·415	·013	·377	·042	·412	·036	·133	·021	·410	cov.	·285	·020	·262	·022	·075	·015	·250
16	·047	·268	·010	·263	·013	·310	·028	·462	·017	·315	·019	·421	cov.	·072	·008	·311	·021	·305	·011	·443	cov.	cov.	·016	·368
17	·039	†	·008	·222	·008	·323	·036	·412	·007	·351	·032	·407	cov.	·023	·012	·190	·016	·285	·005	·270	cov.	·044	·012	·216
18	·020	—	·014	·302	·008	·352	·033	·411	·013	·347	·020	·390	·012	·187	·015	·115	·018	·361	·011	·335	cov.	·043	·015	·218
19	†	—	·008	·230	·004	·332	·028	·411	·018	·360	·018	·378	cov.	·317	·007	cov.	·022	·300	·009	·332	·004	·123	·004	·344
20	—	—	·006	·263	·011	·420	·032	·352	·051	·417	·016	·311	·014	·024	·002	·388	·017	·428	·004	·302	·004	·098	·015	·200
21	—	—	·012	·280	·005	·345	·013	·378	·030	·479	cov.	·263	·015	·178	·021	·112	·021	·302	·006	·359	cov.	cov.	·013	·230
22	·020	·235	·022	·251	·007	·362	·021	·018	·045	·294	·024	·280	·014	·282	·018	·259	·019	·442	·004	·450	cov.	·054	·010	·230
23	·010	·213	·008	·278	·010	·438	cov.	cov.	·026	·395	·023	·390	·016	·357	·047	·247	·022	·348	·007	·271	cov.	·147	·033	·248
24	·010	·220	·016	·323	·012	·343	cov.	cov.	·037	·301	·045	·387	·026	·274	·036	·273	·015	·370	·003	·315	·008	·045	·027	·353
25	·015	·230	·016	·266	·005	·469	cov.	·093	·020	·371	·041	·390	·057	·387	·010	·303	·011	·265	·016	·255	·011	cov.	·023	·172
26	·012	·229	·022	·350	·019	·397	·007	·180	·026	·353	·041	·361	·019	·402	·012	·329	·005	·100	·045	·240	cov.	cov.	·007	·170
27	·017	·231	·005	·286	·008	·402	·010	·321	·025	·345	·067	·385	·067	·360	·048	·290	cov.	cov.	·047	·165	cov.	·071	·006	·204
28	·008	·219	·016	·307	·011	·369	·030	·276	·026	·394	·024	·440	·052	·318	·020	·342	cov.	·045	cov.	·115	·010	·185	·018	·209
29	·006	·240	—	—	·014	·327	·031	·325	·031	·386	·043	·647	·014	·391	·003	·292	·011	·178	·003	·065	·007	·113	·009	·234
30	·037	·243	—	—	·025	·410	·023	·331	·041	·362	·051	·278	·018	·498	·013	·336	·017	·148	cov.	·041	·016	·143	·010	·200
31	·019	·233	—	—	·019	·385	—	—	·047	·470	—	—	·047	·383	·008	·230	—	—	cov.	cov.	—	—	·006	·213
Means ...	0·019	·205	·014	·252	·012	·346	·024	·354	·021	·387	·033	·358	·027	·337	·020	·294	·016	·303	·015	·261	·016	·146	·011	·243

TOTAL RAIN IN EACH MONTH

1859	Night	Day	Total
	In.	In.	In.
January ...	0·088	0·530	0·618
February ...	...	...	...
March ...	...	...	...
April ...	4·011	0·908	4·919
May ...	0·843	0·010	0·853
June ...	1·854	0·660	2·514
July ...	5·274	2·770	8·044
August ...	0·913	1·544	2·457
September ...	3·805	4·754	8·559
October ...	3·222	4·493	7·715
November ...	12·907	6·558	19·465
December ...	...	...	...
Total...	32·917	22·227	55·144

MEAN DAILY EVAPORATION IN EACH MONTH

1859	Night	Day	Total.
	In.	In.	In.
January ...	0·019	0·205	0·224
February ...	·009	·252	·261
March ...	·012	·346	·358
April ...	·024	·354	·378
May ...	·021	·387	·408
June ...	·033	·358	·391
July ...	·027	·337	·364
August ...	·020	·294	·314
September ...	·016	·303	·319
October ...	·015	·261	·276
November ...	·016	·146	·162
December ...	·011	·243	·254
Mean...	0·019	0·291	0·309

† Found the evaporator leaking.

REMARKS ON THE WEATHER FOR THE MONTH OF JANUARY 1859

Date	Göttingen Mean Time NOON	Cloudy sky in 8ths	2	Cloudy sky in 8ths	4	Cloudy sky in 8ths	6	Cloudy sky in 8ths	8	Cloudy sky in 8ths	10	Cloudy sky in 8ths
1	cu	2	cu, hz	2	cu	1	cu, D	1	clear, D	0	... ...	...
2	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	ovt	8
3	ovt	8	ovt	8	ovt	8	ovt	8	ovt	8	ovt	8
4	ovt	8	ovt	8	ovt	8	ny-ovt	7	ovt	8	ovt	8
5	cu, cr-cu, cr-st, hz...	5	fl-cu, cr-st, hz ...	3	cu, cu-st	3	cu, cr-hz	2	ny-clear	0	ou	1
6	cu, cr-cu, cr-st, hz...	3	cu, cr-st, hz ...	3	cu-hz	2	cu, cr-hz	3	cu, cu-st, cr-hz, nim.	5	ovt	8
7	ny-ovt	7	ny-ovt	7	ovt	8	ovt	8	ovt	8	ovt	8
8	fl-cu, cu-st, cr-hz ...	6	fl-cu, hz	3	ny-cu, hz	6	cu, cr-hz	4	cu, cu-st, hz ...	2	... ...	...
9	... ...	..	... ...	...	... ...	...	... ...	...	... ...	...	fl-cu..	1
10	fl-cu, cr-st, hz ...	3	fl-cu, cr-st, hz ...	2	cu, hz	3	cu	2	ny-clear	0	clear, D	0
11	cu, cr-st, hz ...	3	lt-cu, hz	1	cu, cr-st, hz ...	3	cu, cr-hz	3	cu, cr-hz	2	cu, cr-hz, D ...	3
12	cu, cr-hz	1	clear	0	cu	3	cu, cr	3	cu	3	cu, cr-st	3
13	cu, cr, cr-hz ...	3	ny-clear	0	fl-cu...	4	fl-cu...	3	cu, hz, D	2	cu, hz, D	2
14	cu, cu-st, hz ...	7	cu, cu-st, hz ...	6	cu, cu-st, hz ...	7	cu, cu-st, hz ...	6	cu, cr-hz, D ..	5	cu, cr-hz, D... ...	5
15	cu, cu-st, d-hz ...	6	cu, cu-st, d-hz ...	6	cu, d-cr-hz	7	cu, d-cr-hz	6	cu, d-cr-hz	6	... ...	...
16	... ...	..	... ...	...	... ...	...	... ...	...	... ...	..	cu, cr-cu, cr-hz ...	7
17	fl-cu, cr-st, hz ...	2	fl-cu, cr-st, hz ...	3	fl-cu, cr-st, hz ...	4	cu	3	cu, cr-st	4	cu, cr-st	4
18	fl-cu, cr-st, hz ...	3	fl-cu, hz	3	cu, cu-st, hz ...	4	cu, cr, cr-hz ...	4	cu, cr, cr-hz ...	3	ny-clear	0
19	fl-cu, cu-st, cr-hz ...	2	cu	1	fl-cu...	2	cu, cu-st	3	ny-clear	0	clear, D	0
20	fl-cu, cu-st, cr-hz ...	4	sc-cu, hz	3	sc-cu, hz	3	sc-cu, hz	4	cu, cr-cu	6	cu, cu-st, cr, cr-hz...	6
21	sc-cu, cr-hz ...	3	cu, cr-st, hz ...	3	cu, cu-st, cr-hz ...	3	cu, cu-st, cr-hz ...	4	cu, cu-st, cr-st ...	5	cr-cu, cu	5
22	sc-cu, cr-hz... ...	3	fl-cu	2	fl-cu...	3	cu, hz	2	cu, hz	3	... ...	...
23	... ...	...	... ...	...	... ...	...	... ...	..	... ...	...	cr-hz, cr-st, D ...	2
24	cr-st, hz	1	cr-st, cr	1	clear	0	clear	0	clear, D	0	clear, D	0
25	cr-st, hz	1	clear	0	clear	0	clear	0	cr-st, cr-hz, D ...	3	cr-st, cr-hz, g-fg ...	2
26	cr-st...	1	cr-st	1	clear	0	clear	0	clear	0	clear, D	0
27	clear	0	clear	0	clear	0	clear	0	cr-st, cr-hz... ...	2	cr-st, cr-hz, D ...	2
28	cr, cr-st	1	clear	0	clear	0	clear	0	clear	0	clear, D	0
29	cu, cr-st, hz ...	1	cu, cr-st, hz ...	1	clear	0	clear	0	cr-hz, cu	2	... ...	...
30	... .	...	... ...	...	... ...	...	... ...	...	... ...	...	cu, hz	3
31	ny-clear	0	ny-clear	0	ny-clear	0	clear	0	clear...	0	ny-clear	0

REMARKS ON THE WEATHER FOR THE MONTH OF FEBRUARY 1859

1	ny-clear	0	ny-clear	0	ny-clear	0	clear	0	clear, D	0	cu-hor, D	2
2	cr, cr-st, hz... ...	1	hz	1	clear	0	clear	0	cu, cu-st	2	cu, cu-st, D... ...	2
3	cu, cr-st, hz ...	2	cu, cr-st, hz ...	2	clear	0	clear	0	cu, cu-st, hz ...	3	cu, cu-st, hz ...	2
4	ny-clear	0	ny-clear	0	clear	0	clear	0	clear, g-fg	0	clear, g-fg	0
5	ny-clear	0	ny-clear	0	ny-clear	0	ny-clear, g-fg ...	0	ny-clear, g-fg ...	0	... ...	...
6	... ...	...	... ...	...	... ...	..	... ...	...	... ...	...	clear, D	0
7	cu, cr-st, hz ...	2	cr-st, hz	4	cr-st, hz	3	cr-st, cr-hz ...	4	cr-st, cr-hz	2	cr-st, cr-hz... ...	3
8	cu, cr-st, hz ...	5	cu, cr-st, hz ...	4	cu, cr-hz, hl-☽ ...	3	cr-st, cr-hz ...	4	cr-st, cr-hz	4	cr-st, cr-hz... ...	4
9	cu, cr-cu, cr-st, hz...	4	cr-st, hz	3	cr-st, hz, hl-☽ ...	5	cu, cr-hz	5	cu, cr-hz	4	ovt	8
10	cu, cu-st, cr-st, hz...	4	cu, cu-st, cr-st, hz, hl-☽	5	cu, cr-st, hz ...	5	fl-cu, cu-st, cr-hz ...	5	cu, cu-st, hz, D ...	3	cu, cu-st, hz ...	2
11	cu, cr-st, hz ...	2	cu, cr-st, hz ...	2	cu, cr-st, hz ...	2	cu, cr-hz	3	cr-st, cr-hz	4	cr-st, cr-hz... ...	3
12	cu, cr-st, hz ...	4	cu, cr-cu, cr-st, hz...	4	cu, cu-st	4	cu, cu-st	4	cu, cr-hz	5	... ...	...
13	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	ny-clear, D... ...	0
14	cu, cr-st, hz ...	3	cr, hz	1	clear	0	clear	0	clear	0	clear	0
15	cu, hz	3	cu, hz	3	cu, hz	3	cu	2	cu, cr-st	4	cu, cr-st	4
16	cu, hz	2	cu, hz	1	cu, cr	2	cu, cr	3	cu, cr	3	cu, cr, D	2
17	clear	0	clear	0	ny-clear	0	clear	0	clear	0	ny-clear, D... ...	0
18	cr-st, hz	3	cr-st, hz	2	cr-st, cr-hz	3	cr-st, cr-hz	2	cr, cr-st	2	cu, cr-hz, D ...	3
19	cu, hz	1	cu, hz	1	ny-clear	0	cu, cr-cu, cr-hz ...	4	cu, cr-cu, cr-hz, D...	1	... ...	...
20	... ...	...	... ...	...	... ...	...	... ...	..	... ...	...	clear, D	0
21	ny-clear	0	ny-clear	0	clear	0	clear	0	clear, D	0	cu-hor, D	1
22	clear	0	clear	0	clear	0	clear	0	cu, cu-st	5	cu, cu-st	4
23	sc-cu, hz	2	cu, cr	1	ny-clear	0	cu-hor, D	1	sc-cu, D	2	sc-cu D, ...	3
24	cu, cu-st, cr-st, hz...	3	cu, cu-st, cr-st, hz...	4	cu, cr-st, hz ...	3	cu, cr-hz	4	cu, cr-hz	4	cu, cr-hz, cu-st ...	3
25	cu, cr	1	cu	3	ny-clear	0	clear	0	cu, cr	3	cu, cr	2
26	cu, cr-hz	1	clear	0	clear	0	clesr	0	cu	2	... ...	...
27	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cu-hor, D	2
28	clear	0	clear	0	ny-clear	0	clear	0	clear	0	fl-cu...	2

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE

ard ..around
cld...clouds or cloudy
cr or ci.cirri or cirro or cirrous
cu....cumuli or cumulo
D ....dew
d .....dense
dis ...distant
dt....detached
E....east
fg....fog
fk....forked
fl.....flying
fr....frequent
g.....ground
hy ...heavy
hl....halo
hor...horizon
hz ...haze or hazy
ld ....loud
lg ....lightning
lt.....light
mt...meteor
N. ....north
nim..nimbi
ny....nearly
ov ....overhead
ovt...overcast
ps ....peals
pt ....part or partly or partial
R.. ...rain
r-b...rain-bow
S .....south
sc....scattered
sh ...sheet
st ....stratus
th ....thunder
thi ...thick
v .....very
viv ...vivid
W ....west

REMARKS ON THE WEATHER FOR THE MONTH OF JANUARY 1859

Date	12	Cloudy sky in 8ths	14	Cloudy sky in 8ths	16	Cloudy sky in 8ths	18	Cloudy sky in 8ths	20	Cloudy sky in 8ths	22	Cloudy sky in 8ths	Thermometers Radiation Sol.	Radiation Ter.	Air Max.	Air Min.
1	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	115·5	—	79·9	67·4
2	cu, hz	3	cu, cu-st, hz ...	3	cu, cu-st, hz ...	3	cu, cr-hz	7	ny-ovt	7	ovt	8	110·5	—	80·6	74·9
3	ovt	8	ovt	8	ovt	8	ovt	8	ovt	8	ovt	8	ovt.	—	78·6	75·6
4	ovt	8	ovt	8	ovt	8	ny-ovt	7	ny-ovt	7	cu, cr-cu, hz ...	6	112·5	—	82·3	74·9
5	cu, D	2	cu, hz	4	cu, cu-st, cr-hz ...	4	fl-cu, cu-st, cr-hz, nim, lt-R..	7	fl-cu, cu-st, cr-hz..	5	fl-cu, cu-st, cr-hz..	4	118·5	—	81·4	71·8
6	ovt, lt-R ...	8	ovt, lt-R ...	8	ovt	8	ovt	8	ovt	8	ovt	8	92·8	—	79·3	73·3
7	ovt	8	ovt	8	cu, cu-st, cr-hz ...	6	cu, cu-st, cr-hz. ...	6	fl-cu, cu-st, cr-hz..	6	fl-cu, cu-st, cr-hz..	6	120·2	—	80·3	72·7
8	.. ..	..	... ...	...	... ...	...	... ...	...	... ...	...	... ...	..	118·2	—	80·8	70·0
9	fl-cu	3	cu, cu-st, hz ...	4	cu, cu-st, hz ...	5	cu, cu-st, hz ...	4	cu, cu-st, hz ...	4	fl-cu, cr-st, hz ...	4	121·4	—	80·6	70·4
10	ny-clear, D ...	0	cu, hz	2	cu, cu-st, cr-hz ...	4	cu, cu-st, cr-hz ...	4	cu, cu-st, cr-hz ...	4	cu, cu-st, cr-hz ...	4	120·2	—	79·9	68·4
11	cu, cr-hz, D ...	2	clear	0	cu...	1	fl-cu, cu-st ...	3	fl-cu, cu-st ...	5	fl-cu, cu-st ...	6	129·0	—	79·7	66·4
12	cu, cr-cu, cr-hz.	4	cu, cr-cu, cr-hz..	7	cu, cr-cu, cr-hz ...	5	cu, cu-st, cr-hz ...	7	fl-cu, nim ...	6	fl-cu, nim ...	5	118·0	—	80·7	69·8
13	clear	0	fl-cu	3	hy-cu	6	cu, cu-st, hz ...	5	cu, cu-st, hz ...	3	cu, cu-st, hz ...	4	112·5	—	80·1	68·9
14	ny-ovt ...	7	cu, cr-hz, cr-st..	4	cu, cu-st, cr-hz ...	6	cu, cu-st, cr-hz ...	5	cu, cu-st, cr-hz ...	5	cu, d-hz	5	122·4	—	79·3	67·9
15	. . ..	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	ovt.	—	79·6	72·2
16	cu, cr-cu, cr-hz.	5	cu, cr-cu, cr-hz..	6	cu, cu-st, cr-cu, cr-hz	7	cu, cu-st, cr-cu, cr-hz	7	cu, cu-st, cr-cu, cr-hz	6	cu, cr-st, hz ...	5	120·9	—	81·6	75·0
17	cu-hor	2	cu-hor	2	cu-hor	2	fl-cu, cr-st, hz ...	3	fl-cu, cr-st, hz ...	3	fl-cu, cr-st, hz ...	3	122·3	—	80·1	72·9
18	cu, hz	2	cu, hz	4	fl-cu, cr-st, hz ...	4	fl-cu, cr-hz ...	4	fl-cu, cu-st, cr-hz..	3	fl-cu, cu-st, cr-hz..	3	126·3	—	80·2	68·4
19	clear, D ...	0	clear, D ...	0	clear	0	cu, cu-st, hz ...	4	fl-cu, hz	3	sc-cu ...	2	124·3	—	80·3	63·5
20	cu, cr-cu, cr-hz.	4	cu, cr-cu, cr-hz.	5	cu, cr-cu, cr-hz ...	3	cu, cr-cu, cr-hz ...	4	cu, cr-cu, cr-hz ...	4	sc-cu, cr-hz ...	3	126·6	—	80·6	70·2
21	cr-cu, cu ...	6	cu, hz	5	cu, cr, cr-hz ...	3	cu, cr-hz	2	sc-cu, cr-hz ..	3	sc-cu, cr-hz ...	3	128·5	—	80·4	71·2
22	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	139·0	—	80·0	66·0
23	cr-hz, cr-st, D...	2	cr-hz, cr-st, D ..	3	cu	1	cu, cr-hz ...	3	cu, cr-hz... ...	3	cr-st, hz	2	135·7	—	79·0	63·4
24	clear, D ...	0	ny-clear, D ...	0	cr-st, cr-hz ...	1	sc-cu, cr-st ...	3	sc-cu, cr-st ...	3	cu, cr-st	2	138·7	—	79·9	63·2
25	cr-st, cr-hz, g-fg	2	clear, g-fg ...	0	cr-st, cr-hz ...	2	cu, cr-st, cr-hz ...	3	cu, cr-st, cr-hz ...	2	cr-st	1	141·8	—	78·9	61·2
26	clear D... ...	0	clear, D ...	0	clear	0	sc-cu, cr-hz ...	3	sc-cu	1	clear	0	139·4	—	79·2	62·3
27	cr-st, cr-hz, fg..	2	ny-clear, fg ...	0	cu, cr-hz	2	fl-cu, cu-st cr-hz...	3	fl-cu, cu-st, cr-hz.	2	fl-cu, cu-st, cr-hz..	1	132·5	—	80·6	64·7
28	clear, D ...	0	cu, hz	1	cu...	1	fl-cu, cu-st ...	4	fl-cu, cu-st ...	3	cu, cr-st, hz ...	2	129·7	—	80·1	66·4
29	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	136·3	—	80·6	64·7
30	cu, hz, cu-st ...	5	cu, hz	3	cu, hz	3	sc-cu	2	sc-cu	2	ny-clear	0	135·2	—	81·4	66·8
31	ny-clear, fg ...	0	ny-clear ...	0	clear	0	cr-st, cr-hz ...	1	cr-st, cr-hz ...	2	ny-clear	0	132·1	—	80·7	64·6

REMARKS ON THE WEATHER FOR THE MONTH OF FEBRUARY 1859

1	cu-hor, D ...	2	cu, hz ...	3	cu, cr-cu... ...	4	cu, cr-ou	4	cu, cr-st, hz ...	2	cr-st, hz	1	130·7	—	79·8	64·3
2	cu, cu-st, D ...	2	cu, cr-cu, cr-hz.	4	cu, cr-cu, cr-hz ...	4	cu, cr-cu, cr-hz ...	5	cu, cu-st, cr-hz ...	5	cu, cu-st, cr-hz ...	3	135·1	—	82·0	68·3
3	cr, cr-st, cr-hz...	3	cu, cr-hz ...	3	ny-clear	0	cr-st, hz	1	ny-clear	0	ny-clear	0	140·4	—	82·1	68·5
4	clear, g-fg ...	0	cr-hz, cu, D ..	3	cr-hz, cu, g-fg ...	3	cr-st, cr-hz ...	1	ny-clear	0	ny-clesr	0	140·6	—	83·9	67·0
5	.. ..	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	137·0	—	82·2	65·9
6	cu, cr-hz, D ...	3	cu, cr-st, hz ...	4	cu, cr-st, hz ...	4	cu, cu-st, cr-hz ...	5	cu, cu-st, cr-hz ...	5	cu, cr-st, hz ...	3	128·7	—	81·9	67·1
7	cu, cr-hz, D ...	3	cr-cu, cr-st, hz..	6	cr-cu, cr-st, hz ...	5	cu, cr-cu, cr-hz ...	5	cu, cu-st, cr-hz ...	5	cu, cr-st, hz ...	4	125·2	—	83·9	70·9
8	cu, cu-st, cr-hz..	6	cu, cr-cu, cr-hz.	5	cu, cu-st, cr-hz, nim.	6	cu, cu-st, cr-hz ...	5	fl-cu, cu-st, cr-hz..	5	cu, cr-st, hz ...	4	128·6	—	85·3	74·4
9	ovt	8	cu,cu-st,cr-hz, nim	6	cu, cu-st, cr-hz, nim..	6	cu, cu-st, cr-hz ...	6	cu, cu-st, cr-hz ...	5	cu, cu-st, cr-st, hz	4	125·4	—	84·9	75·2
10	cu, cr, cr-hz, D...	3	cu, cr-cu, hz, g-fg	3	cu, cr-cu, hz ...	6	cu, cr-cu, hz ..	6	cu, cr-cu, hz ...	5	cu, cr-st, hz ...	3	135·6	—	85·6	72·3
11	cu,cr-hz,sh-lg,SE	2	cu, cr-hz ...	8	cu, cu-st, cr-hz ...	6	cu, cu-st, cr-hz ...	7	cu, cu-st, cr-hz ...	7	cu, cr-st, hz ...	4	125·6	—	84·4	76·9
12	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	129·7	—	83·3	73·6
13	ny-clear, D ...	0	cu, cr-cu, cr-hz, D.	4	cu, or-st, cr-hz ...	3	cu, cu-st, cr-hz ...	4	cu, cu-st, cr-hz ...	5	cu, cu-st, cr-hz ...	4	133·9	—	84·6	71·1
14	clear, D ...	0	cu, hz	2	cu, cr-hz	2	cu, cr-hz	2	cu, cr-hz... ...	2	cu, hz	2	128·7	—	84·7	71·1
15	cu, cr-st, D ...	5	cr, cr-hz, fg ...	4	cu, cr-st, cr-hz ...	3	cu, cr-st, cr-hz ...	4	cu, cr-st, cr-hz ...	4	cu, cr-hz	2	127·4	—	83·2	71·6
16	cu, cr, D ...	2	cr-hz	2	cr, cr-hz	2	ny-clear	0	ny-clear	0	clear	0	140·0	—	85·1	70·3
17	uy-clear, D ...	0	cr, cr-hz, D ...	2	cu	2	sc-cu, cr-hz ...	3	sc-cu, cr-hz ...	4	cu, cr-st, cr-hz ...	4	126·5	—	83·4	70·3
18	cu, cr-hz, D ...	3	cu,cr-cu, cr-hz, D.	4	cu, cr-st, hz ...	3	cu, cu-st, cr-hz ..	4	cu, cu-st, cr-hz ...	4	cu, hz	2	130·3	—	82·7	69·9
19	... .	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	132·5	—	82·9	68·5
20	clear, D ...	0	ny-clear, g-fg...	0	sc-cu	2	ny-clear	0	ny-clear	0	ny-clear	0	134·2	—	84·8	66·1
21	cu-hor, D ...	1	ny-clear ...	0	ny-clear	0	ny-clear	0	cr-st, hz	2	cr-st, hz	1	122·7	—	83·7	66·0
22	cu, cu-st, D ...	4	cu, cr-hz ..	3	cu, cr, cr-hz ...	3	cu, cr, cr-bz ...	4	sc-cu, hz	2	sc-cu, hz	2	126·9	—	84·1	67·6
23	fl-cu, cu-st ...	5	cu, cr-hz ...	4	cu, cr, cr-hz ...	4	cu, cu-st, cr-hz ...	4	cu, cu-st, cr-hz ...	3	cu, cu-st, cr-hz ...	3	126·2	—	84·9	71·1
24	cu, cr-hz, cu-st..	4	cu, cr	3	cu, cr-cu, cr-hz ...	3	cu, cr-cu, cr-hz ...	3	cu, hz	2	cu, cr	1	126·7	—	85·4	72·5
25	cu, cr-hz ...	2	cu, cu-st ...	2	cu, cr-st	3	cu, cr-st	3	cu, cr-st, cr ...	2	cu, cr-hz	2	126·3	—	86·7	73·2
26	... ...	...	... ...	...	... ...	...	... .	...	.. .. ..	...	... ...	...	125·0	—	87·2	72·0
27	cu-hor, D ...	2	d-cr-hz... ...	3	cu, cr-bz	2	cu, cr-hz	2	clear	0	clear	0	116·0	—	86·0	70·7
28	cr-hz	2	ny-clear ...	0	cu, cr-hz	2	cu, cr-hz	2	ny-clear	0	clear	0	124·7	—	86·8	70·1

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE.

ard....around
cld....clouds or cloudy
cr or ci. cirri or cirro or cirrous
cu.....cumuli or cumulo
D .....dew
d.....dense
dis....distant
dt.....detached
E.....east
fg.....fog
fk.....forked
fl.....flying
fr.....frequent
g.....ground
hy.....heavy
hl.....halo
hor ..horizon
hz ...haze or hazy
ld.....loud
lg.....lightning
lt.....light
mt...meteor
N.....north
nim..nimbi
ny....nearly
ov....overhead
ovt...overcast
ps....peals
pt....part or partly or partial
R.....rain
r-b...rain-bow
S.....south
sc....scattered
sh....sheet
st....stratus
th....thunder
thi...thick
v ....very
viv...vivid
W....west

REMARKS ON THE WEATHER FOR THE MONTH OF MARCH 1859

Date	Göttingen Mean Time NOON	Cloudy sky in 8ths	2	Cloudy sky in 8ths	4	Cloudy sky in 8ths	6	Cloudy sky in 8ths	8	Cloudy sky in 8ths	10	Cloudy sky in 8ths
1	clear	0	ny-clear	0	clear	0	clear	0	clear	0	clear	0
2	clear	0	clear	0	clear	0	clear	0	clear, D	0	clear, D	0
3	lt-cu, cr	1	clear	0	fl-cu	3	clear	0	clear	0	cu, cu-st, ...	3
4	cu-st, cr-st, hz ...	3	cu-st, cr-st, hz. ...	3	lt-cu, hz	1	clear	0	fl-cu, cu-st	4	fl-cu, cu-st	2
5	cu, cr-st	1	cu, cr-st	1	ny-clear	0	clear	0	cu, cr-st, hz ...	4	... ...	
6	... ...	...	... ...	...	... ...	...	... ...	...	... ...	..	cu-hor	1
7	cu, cr-st	1	cu, cr-st	1	cu, cr-st	1	clear	0	ny-clear	0	clear	0
8	lt-cu, cr-st, hz ...	1	ny-clear	0	ny-clear	0	ny-clear	0	clear	0	clear	0
9	cr-st, hz... ...	1	cr-st, hz	1	clear	0	clear	0	clear	0	ny-clear	0
10	cu, cr-st, hz ...	4	cu, cr-st, hz ...	2	cr-st, cr-hz ...	3	ny-clear	0	clear	0	clear	0
11	cr-st, hz	2	cr-st, hz	1	cr-st, hz	1	cu, cr-hz	2	cu, cr, cr-hz ...	3	cu, cr, cr-hz ..	3
12	lt-cu, cr-st, hz ...	4	lt-cu, cr-st, hz ...	4	lt-cu, cr-st, hz, hl-☽...	5	cr-st, cr-hz ...	6	cr-st, cr-hz	6	... ...	
13	... ...	...	... ...	...	... ...	...	... ...	...	... .	...	cu, cr-hz	2
14	cu, cr-st, hz ...	3	cr-st, hz	2	cr-st, hz	2	cr, cr-st	2	cr, cr-hz	2	cr, cr-hz	2
15	cu, cr-st, hz ...	4	cu, cr-st, hz ...	4	cu, cr-st, hz ...	3	cr-st, cr-hz, hl-☽ ...	6	cr-st, cr-hz, hl-☽ ...	5	cr, cr-st, cr-hz ...	5
16	cr, cr-st, cr-hz ...	3	cr, cr-st, cr-hz ...	4	cr-st, cr-hz	4	cr-st, cr-hz	3	cr-st, cr-hz ...	2	cu, cr-hz	4
17	cr-cu, cr-st, cr-hz ...	5	cr-cu, cr-st, cr-hz ...	7	cr-cu, cr-st, cr-hz ...	5	cr-st, cr-hz	4	cr-st, cr-hz ...	3	cu, cr-hz	4
18	cu, cr-st, cr-hz, ...	7	cu, cr-st, cr-hz ...	6	cu, d-cr-hz ...	7	cr-cu,cr-hz,cr-st, hl-☽	7	cu, cr-st, cr-hz ...	5	cu, cr-st, cr-hz ..	6
19	cr-st, cr-hz	1	cr-st, cr-hz ...	2	cr-st, cr-hz ...	1	cr, cr-hz, D ...	2	cr, cr-hz, D ...	2	... ...	
20	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cu, cr-hz	3
21	cu, cu-st, cr-hz ...	2	ny-clear	0	cr-st, hz	1	clear	0	clear	0	cr-cu, hz, D... ...	2
22	lt-cu, cr-st, hz ...	3	ny-clear	0	ny-clear	0	clear	0	clear, D	0	clear, D	0
23	cu, cr-st, hz ...	2	cu, cr-st, hz ...	2	cu, cr-st, hz ...	2	ny-clear	0	cu, cr-hz	2	ny-clear	0
24	cu, cr-cu, cr-hz ...	7	ovt	8	ovt	8	ovt	8	ovt, th, fr-lg ...	8	ovt	8
25	cu, cr-st, hz ...	7	cu, cr-st, hz ...	4	cr-st, d-hz	5	cr-st, d-hz	5	cr-st, cr-hz ...	4	cr-st, cr-hz	4
26	cu, cr-st, hz ...	4	cr-st, d-hz	4	cr-st, d-hz	4	cr-st, cr-hz	4	cr-st, cr-hz ...	5	... ...	
27	... ...	...	... ...	...	... ...	...	... ...	...	... ...	..	cu, cr-hz	3
28	cu, cr-st, hz ...	3	cu, cr-st, hz ...	2	cr, cr-hz	1	ny-clear	0	cu, cr-hz	3	cu, cr-hz	3
29	cu-st, cr-st, hz ...	5	cu-st, cr-st, hz ...	3	cu, cr-st, hz ...	1	ny-clear	0	cu, cr-hz	4	cu, cr-hz	3
30	cu, cr-cu, cr-st ...	3	cu, cr-st, hz ...	2	cu, cr-st, hz ...	2	cu, hz	2	cu, hz	2	cu, hz	2
31	cu, cr-st, hz ...	2	cr-st, hz	1	cu, cr-st, hz ...	1	cu, hz	2	cu, cr, cr-hz ..	4	cu, cr, cr-hz ...	3

REMARKS ON THE WEATHER FOR THE MONTH OF APRIL 1859

1	cu, cu-st, cr-st, hz...	4	cu, cr-st, hz ...	2	cu, cr-st, hz ...	2	cu, cr-st, hz, lg, th...	4	cu, cu-st, cr-hz, lg..	3	cu, cr-hz, sh-lg-W ...	5
2	cu, cu-st, cr-hz ...	5	cu, cr-st, hz ...	4	fl-cu,cr-st,hz, sh-lg-W	3	cu, cr-hz	4	ny-ovt, lt-R ...	7	... ...	
3	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cu, cr-st, cr-hz ...	3
4	cu-st, cr-st, hz ...	6	cu-st, cr-st, hz ...	7	ny-ovt	7	cu, cr-hz	7	cu, cr-hz	5	ovt, sh-lg-N ...	8
5	cu-st, cr-st, hz ...	4	cu-st cr-st, hz ...	6	cu, cr-st, hz, lg ...	5	cu, cu-st, cr-hz ...	5	cu, cu-st, cr-hz, nim.	5	ny-ovt	7
6	cu-st, cr-st, hz ...	4	cu-st cr-st, hz ...	6	cu-st,cr-st,hz,lg-NE.	6	cu, cu-st, cr-hz ...	5	cu, cu-st, cr-hz, ...	4	cu, cu-st, cr-hz ...	5
7	cu, d-cr-hz	7	ny-ovt	7	cu, d-hz, lg ...	6	cu, d-hz, lg... ...	4	cu, cr, cr-hz ...	3	cu, cr, cr-hz ...	4
8	cr-cu, cr-st	2	cu, cr-st, hz, lg-NW.	2	cu,cr-st,cr-hz,lg-NW	3	cu, cr-st, cr-hz ...	3	cu, cr-st, cr-hz ...	4	cu, cr-st, cr-hz ...	4
9	cu-st, cr-st, hz ...	3	cu-st, cr-st, hz ...	3	cu-st, cr-st, hz ...	3	cu, cr-st, cr-hz ...	4	cu, cr-st, cr-hz ...	4	... .	
10	... ...	...	... ...	...	... ...	...	... ...	...	... ...	..	cu, cr, cr-hz ...	4
11	cu, cr-st, hz ...	3	cu, cr-st, hz ...	3	cr-st, cr-hz ...	2	cr-st, cr-hz ...	2	cu, cu-st, cr-hz ...	3	cu, cu-st, cr-hz ...	2
12	cu, cr-st, hz ...	1	cu, cr-st, hz ...	1	cu, cr-st, hz ...	2	cu, cr-st, hz ...	4	cu, cu-st, cr-hz ...	4	cu, cu-st, cr-hz ...	3
13	cr-st, hz	2	cr-st,hz,cu-st, lg-NW	1	cu, cr-hz, lg ...	2	cu, cr-hz, lg ...	3	cr-cu, cr-hz ...	6	cr-cu, cr-hz ...	4
14	cu, cr-st, hz ...	2	cu, cr-st, hz... ...	2	cr-st, hz	1	ny-clear	0	ny-clear	0	clear	0
15	cu, cr-st, hz ...	3	cu, cr-st, hz... ...	2	cu, cr-st, hz ...	1	ny-clear	0	cr-st, cr-hz ...	1	clear	0
16	cr-st, cr-hz	3	cr-st, cr-hz	2	hz	1	ny-clear	0	cu, cu-st, cr-hz ...	3	... ...	
17	... ...	...	... ...	...	... ...	...	... ...	...	... ...	..	cu, cr-st, hz ...	3
18	cr-cu, cr-hz ...	3	cr-cu, cr-hz ...	3	cr-cu, cr-hz... ...	3	ny-clear	0	cu, cu-st	3	cu, cr-st, hz ...	4
19	cu, cr-st, hz ...	5	cu, cr-st, hz ...	4	cu, cr-st, hz ...	2	cu, cr-hz	4	cu, cu-st, cr-hz ...	6	cu, cu-st, cr-hz ...	5
20	cu, cr-st, hz ...	3	cu, cr-st, hz ...	2	cu, cr-st, hz ...	1	cr-cu, cr-hz ...	2	cu, cr-st, cr-hz ...	3	cu, cr-st, cr-hz ...	4
21	cr, cr-hz	2	cu, cr-hz	2	ny-clear	0	ny-clear	0	cu, cu-st, cr-hz ...	2	cu, cu-st, cr-hz ...	2
22	d-cr-hz, cr	7	d-cr-hz, cr	6	cu, cu-st, hz ...	4	cu,cu-st,cr-hz,lg-SE.	4	cu, cu-st, lg-S ...	5	cu, cu-st, cr-hz ...	5
23	ovt	8	ovt, lg-S	8	ovt, lg	8	ovt	8	ovt, hy-R, lg-th ...	8	... ...	
24	... ...	...	... ...	...	... ...	...	... ...	...	.. ..	...	ovt	8
25	ovt	8	ovt	8	ny-ovt	7	ovt, lg	8	ovt, lg	8	ovt, lg	8
26	ovt	8	ny-ovt	7	ovt, nim, lg-N, lt-R..	8	ovt	8	ovt	8	ovt, lt-R	8
27	cu, cu-st, hz ...	6	cu, cu-st, nim,lg-SW.	6	cu, cu-st, nim, lg-N.	7	ovt, sh-lg-NE ...	8	ovt, R	8	cu, cr-hz	5
28	cu, cu-st, hz ...	4	cu, cu-st, cr-st, hz...	3	ny-clear, lg-SW ...	0	cu, cr-hz, lg-SW ...	2	cu, hz	3	cu, hz	3
29	cu-st, cr-st, hz ...	4	cu-st, cr-st, hz ...	2	ny-clear, lg-SW ...	0	clear, lg, SSW ...	0	cu, cr-hz, nim ...	3	cu, cr-hz, lt-nim ...	5

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE

ard....around
cld....clouds or cloudy
cr or ci. cirri or cirro or cirrous
cu.....cumuli or cumulo
D.....dew
d.....dense
dis...distant
dt....detached
E.....east
fg....fog
fk....forked
fl.....flying
fr.....frequent
g.....ground
hy...heavy
hl....halo
hor...horizon
hz...haze or hazy
ld....loud
lg....lightning
lt.....light
mt...meteor
N .....north
nim..nimbi
ny...nearly
ov...overhead
ovt...overcast
ps....peals
pt.....part or partly or partial
R.....rain
r-b...rain-bow
S.....south
sc.....scattered
sh....sheet
st.....stratus
th...thunder
thi...thick
v.....very
viv..vivid
W....west

REMARKS ON THE WEATHER FOR THE MONTH OF MARCH 1859

Date	12	Cloudy sky in 8ths	14	Cloudy sky in 8ths	16	Cloudy sky in 8ths	18	Cloudy sky in 8ths	20	Cloudy sky in 8ths	22	Cloudy sky in 8ths	Thermometers: Radiation Sol.	Radiation Ter.	Air Max.	Air Min.
1	fl-cu	4	cr-hz	2	cu	2	cu, cr-hz ...	3	cu, cr-hz ...	1	uy-clear	0	118·3	—	85·7	70·3
2	clear	0	cu, cr-hz ...	1	fl-cu	2	sc-cu	1	sc-cu	2	clear	0	112·5	—	86·2	69·8
3	cu, cr-hz ...	3	cu, cr-cu, cr-hz.	6	cu, hz	2	cu, cu-st, cr-hz ...	4	cu, cu-st, cr-hz ...	5	cu, cu-st	3	115·7	—	89·1	74·9
4	cu, hz	1	cu, cr-cu, cr-hz.	3	cu, cr-cu, cr-hz....	3	cu, cr-cu, cr-hz ...	5	cu, cu-st, cr-hz ...	4	cu, cu-st	3	122·2	—	91·3	76·9
5	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	130·5	—	88·8	77·8
6	cu-hor ...	1	cu, cr-hz ...	2	cu, cu-st, hz ...	5	cu, cu-st, hz ...	4	cu, cu-st, hz ...	3	cu, cu-st, hz ...	2	122·7	—	90·4	76·3
7	clear ...	0	uy-clear ...	0	fl-cu	3	cu, hz	3	cu, cr, cr-hz ...	1	cr-st, hz	2	123·1	—	90·8	75·3
8	clear	0	cu, hz, D ...	2	fl-cu, hz	4	cu, cr-hz ...	3	uy-clear	0	cr-st, hz	2	116·7	—	88·0	74·8
9	uy-clear ...	0	cu, cr-hz ...	3	cr-st, cr-hz ...	4	cr-hz, cr-st ...	4	cr-hz, cr-st ...	5	cr-st, cr-hz .	5	116·7	—	87·3	74·3
10	cu-hor	1	cr-st, cr-hz ...	3	cu, cr-cu, cr-hz ...	3	cu, cr-cu, cr-hz ...	4	cu, cr-cu, cr-hz ...	4	cr-st, hz	2	119·4	—	88·6	74·4
11	cu, cr-hz ...	2	cu, cr-hz ...	4	cu, cu-st, cr-hz ...	4	cu, cu-st, cr-hz ...	5	cu, cu-st, cr-hz ...	2	cr-st, cr-hz ...	3	114·7	—	88·0	74·2
12	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	113·5	—	87·4	73·4
13	cu, cr-hz ...	2	cr, cr-st, cr-hz .	6	cr, cr-hz, cr-st ...	5	cr, cr-hz, cr-st ...	6	cr, cr-st, cr-hz ...	5	lt-cu, cr-st, hz ...	4	122·4	—	91·6	73·5
14	cu, cr, cr-hz ...	3	cr-hz, cr ...	3	cr-st, cr-hz ...	4	cr-st, cr-hz ...	4	cr-st, cr-hz ...	5	cr-st, cr-hz ..	5	123·6	—	92·6	74·2
15	cr, cr-st, cr-hz...	6	cr, cr-st, cr-hz .	5	cr, cr-st, cr-hz ...	4	cr, cr-st, cr-hz ...	4	cr, cr-st, cr-hz ...	4	cr, cr-st, cr-hz ...	3	130·2	—	93·9	74·3
16	cu, cr-hz ...	4	cr, cr-hz, cr-cu .	7	cr-cu, cr-st, cr-hz ...	6	cr-cu, cr-st, cr-hz .	6	cr-cu, cr-st, cr-hz.	6	cr-cu, cr-st, or-hz .	6	117·3	—	91·5	74·4
17	cu, cr-hz ...	6	cu, cr-hz, cr-st .	6	cu, cr-st, cr-hz. ...	6	cu, cr-st, cr-hz ...	7	cu, cr-st, cr-hz ...	7	cu, cr-st, cr-hz ...	7	103·7	—	87·2	74·3
18	cu, cr-st,cr-hz,D	6	cr-hz, cr-st ...	5	cu, cr-st, cr-hz ...	4	cu, cr-st, cr-hz ...	4	cu, cr-st, cr-hz ...	3	cr-st, cr-hz ...	2	138·6	—	87·1	73·2
19	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	124·5	—	87·4	72·3
20	cu, cr-cu, cr-hz.	4	clear	0	cu, cr-hz	2	cu, cu-st, cr-hz ...	3	cu, cu-st, cr-hz ...	2	cu, cu-st, cr-hz ...	2	116·9	—	87·2	71·3
21	cr-cu, hz ...	3	cu, hz ...	2	cu, cr-st, cr-hz ...	3	cu, cr-st, cr-hz ...	4	cu, cr-st, cr-hz ...	4	lt-cu, cr-st, hz ...	3	125·3	—	88·6	72·1
22	cr, cr-hz, D ...	2	cr, cr-hz ...	2	cr-st, cr-hz ...	1	cr-st, cr-hz ...	1	uy-clear	0	cr-cu, cr-hz ...	1	124·4	—	88·3	71·8
23	cu, cr-st ...	3	cu, cr, cr-hz ...	4	cu, cr, cr-hz ...	4	cu, cr, cr-hz ...	4	sc-cu, cr-hz ...	4	sc-cu, cr-hz ...	3	135·5	—	89·3	74·8
24	ovt	8	d-hz, cu ..	6	cu, cu-st, cr-hz ...	6	cu, cr-st, cr-hz ...	5	cu, cu-st, cr-hz ...	5	cu, cu-st, cr-hz ...	7	125·6	—	91·3	77·7
25	cu, cr-st, cr-hz, hl-☽	4	cr-cu, cr-st, cr-hz.	4	cu, cu-st, cr-hz ...	5	cu, cu-st, cr-hz ...	5	cu, cu-st, cr-hz ...	6	cu, cr-cu, cr-hz, cr-st.	5	122·2	—	90·7	76·1
26	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	128·5	—	91·2	77·0
27	cu, cr-hz, cr-st..	5	d-cr-hz, cr-cu . .	8	cu, cu-st, cr-hz ...	7	cu, cu-st, cr-hz ...	5	cu, cu-st, cr-hz ...	6	cr-cu, cu-st ...	6	124·5	—	91·7	76·8
28	cr-hz, cr-st ...	4	cu, cr-hz ...	3	cu, cu-st, cr-hz ...	5	cu, cu-st, cr-hz ...	5	cu, cu-st, cr-hz ...	5	cu, cu-st, cr-hz ...	4	128·7	—	90·7	76·0
29	cu, cr-hz ...	3	cu, d-cr-hz ...	4	cu, cu-st, cr-hz ...	4	cu, cu-st, cr-hz ...	4	cu, cu-st, cr-hz ...	3	cu, cr-hz... ...	2	124·6	—	89·8	75·3
30	cu, hz ...	2	cu,cr-hz,nim,SE	5	cu, cr-hz... ...	3	cu, cr-hz ...	3	sc-cu, hz... ...	2	cu, cr-hz	4	130·4	—	91·5	76·9
31	cu, hz ...	4	cu, cr-hz ...	4	cu, cu-st, hz ...	4	cu, cu-st	4	cu, cu-st	3	cu, cu-st	4	131·8	—	89·4	80·3

REMARKS ON THE WEATHER FOR THE MONTH OF APRIL 1859

1	cu, cr-hz ...	6	cu, cu-st, cr-hz..	4	sc-cu, hz	3	sc-cu, hz	3	cu, cu-st, cr-hz ...	6	cu, cu-st, cr-hz ...	5	122·3	—	88·5	79·2
2	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	124·0	—	89·6	79·3
3	cu, cr-st, cr-hz..	4	cu, nim, R ...	6	cu, cu-st, cr-hz ...	6	cu, cu-st, cr-hz ...	5	cu, cu-st, cr-hz ...	5	cu, cu-st, nim ...	6	119·3	—	88·1	79·3
4	ovt ...	8	cu, cr-cu, cr-hz..	4	fl-cu, cu-st ...	6	cu, cr-hz	4	cu, cu-st, cr-hz ...	4	cu, cu-st, hz ...	2	128·6	—	88·9	77·8
5	cu, cu-st, cr-hz.	5	cu, cr-cu, cr-hz.	5	fl-cu, cr-hz ...	6	cu, cu-st, hz ...	5	cu, cu-st, cr-st ..	3	cu, cu-st, cr-st, hz	3	134·4	—	93·1	79·3
6	cu, cu-st, cr-hz.	5	cu, cr, cr-st, cr-hz.	5	fl-cu, cu-st ...	6	cu, cr-st, cr-hz ...	5	cu-st, cr-st, hz ...	4	ou-st, cr-st, hz ...	3	112·3	—	92·6	79·6
7	cu, cr-cu, hz ...	4	cu, cr-cu, cr-hz..	4	cr-cu, cr-hz ...	6	cu, cr, cr-hz ...	5	cu, cr, cr-hz ...	5	cu-st, hz	2	111·9	—	91·6	78·8
8	cu,cr-cu, cr-st...	3	cu, cr, cr-hz ...	4	cu, cu-st, cr-hz ..	4	fl-cu, cr-st, cr-hz..	4	fl-cu, cr-st, cr-hz...	3	cu, cu-st, cr-st ...	3	114·4	—	91·4	78·9
9	... ...	...	... ...	...	... ...	...	... ...	...	.. ..	...	... ...	...	113·3	—	91·8	79·0
10	cr-cu, d-cr-hz...	6	cu, cu-st, cr-hz..	5	fl-cu, cu-st ...	5	fl-cu, cu-st ...	6	fl-cu, cu-st ...	6	cr-st, hz	4	118·7	—	92·0	76·4
11	cu, cu-st ...	2	cu, cr, cr-hz ...	3	fl-cu, ou-st ...	5	cu, cu-st	3	cu, cu-st	3	cu, hz	1	112·6	—	92·1	78·3
12	cu, cu-st, cr-hz.	2	cu, cr-st, cr-hz..	2	cu, cu-st, cr-hz ...	3	cu, cu-st, cr-hz ...	3	cu, cu-st, cr-hz ...	3	cr-st, hz	1	117·9	—	92·5	78·9
13	cu, cr-st ...	3	cr-st, cr-hz ...	4	cu, cu-st, cr-hz ...	4	cu, cu-st, cr-hz ...	7	cu, cr-hz ...	5	cu, cr-hz	4	117·7	—	94·6	79·1
14	cu	2	clear	0	fl-cu, cu-st ...	4	fl-cu, cu-st ...	3	fl-cu, cu-st ...	3	cu, cr-st, hz ...	2	111·8	—	92·4	77·5
15	clear	0	cr, cr-st, cr-hz...	3	fl-cu, cu-st, cr-hz..	5	cu, cr-hz	3	cu, cr-hz	2	cu, cr-hz	3	113·6	—	92·3	77·1
16	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	130·5	—	92·5	78·0
17	cu, cr-st, hz ...	2	cr-st, cr-hz ...	4	fl-cu, cu-st ...	5	cu, cu-st, cr-hz ...	4	cu, cr-hz	3	cr-cu, cr-hz ...	2	115·7	—	91·9	78·3
18	cu, cr-st, cr-hz..	5	cu, cr-st, cr-hz...	6	cu, cr-st, cr-hz ...	7	cu, cr-hz	4	cu, cr-hz	6	cr, cr-hz, cu ...	6	111·8	—	93·6	78·8
19	cu, cr-hz, ...	4	cu, cr-st, cr-hz...	6	fl-cu, cu-st ...	6	cu, cu-st, cr-hz ...	4	cu, cu-st, cr-hz ...	3	cu, cr-hz... ...	2	111·9	—	92·7	79·2
20	cu, cu-st, cr-hz.	3	cu, cr-st, cr-hz..	2	cu, cr-st, cr-hz ...	2	cu-st, cr-st, hz ...	3	cu, cr-hz, cr ...	4	cr, cr-hz	3	—	—	91·6	76·1
21	cu, cr, cr-hz ...	2	uy-clear ...	0	clear	0	cr-hz, cr-st ...	5	d-cr-hz, cr ...	6	d-cr-hz, cr ...	7	—	—	93·8	75·6
22	cu,cu-st,cr-hz, nim	6	cu,cu-st,cr-hz, nim	8	ovt	8	ovt-R	8	ovt	8	ovt	8	—	—	87·3	79·7
23	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	—	—	83·8	76·0
24	ovt ...	8	uy-ovt	7	uy-clear	0	ovt	8	ovt	8	ovt	8	—	—	86·9	79·0
25	ovt, hy-R, lg, th	8	ovt	8	ovt, lt-R	8	ovt	8	cu, cu-st, cr-hz ...	7	ovt	8	—	—	88·6	77·3
26	ovt	8	cu, cu-st, cr-hz..	6	cu, cu-st, cr-hz ...	5	cu, nim	7	ovt, th-lt-R ...	8	cu, cu-st, cr-st, hz	6	—	—	86·8	77·7
27	cu, cu-st, nim...	6	cu, cr-hz, cr-st..	6	cu, cr-hz, cr-st, nim..	5	fl-cu, cu-st ...	6	fl-cu, cu-st ...	6	cu, cu-st, hz ...	5	—	—	88·9	80·2
28	cu, cr-hz ...	2	cu, cr-hz, ...	3	fl-cu, cu-st, nim...	6	fl-cu, cu-st ...	6	fl-cu, ou-st, nim...	6	fl-cu, cu-st ...	5	—	—	88·8	80·2
29	cu, cu-st, nim...	6	lt-cr, cr-st ...	3	cr, cr-st	3	cu, cr, cr-hz ...	3	cu, cr, cr-hz ...	3	cu-st, cr-st, hz ..	3	—	—	92·4	77·0

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE

ard....around
cld....clouds or cloudy
cr or ci. cirri or cirro or cirrous
cu.....cumuli or cumulo
D.....dew
d.....denso
dis...distant
dt....detached
E.....east
fg.....fog
fk.....forked
fl.....flying
fr.....frequent
g.....ground
hy...heavy
hl ....halo
hor...horizon
hz....haze or hazy
ld.....loud
lg.....lightning
lt....light
mt....meteor
N.....north
nim..nimbi
ny....nearly
ov.....overhead
ovt.....overcast
ps...peals
pt....part or partly or partial
R....rain
r-b...rain-bow
S.....south
sc....scattered
sh....sheet
st ....stratus
th...thunder
thi...thick
v.....very
viv...vivid
W....west

REMARKS ON THE WEATHER FOR THE MONTH OF MAY 1859

Date	Göttingen Mean Time NOON	Cloudy sky in 8ths	2	Cloudy sky in 8ths	4	Cloudy sky in 8ths	6	Cloudy sky in 8ths	8	Cloudy sky in 8ths	10	Cloudy sky in 8ths
April 30	cu-st, cr-st, hz ...	2	cu-st, hz	2	cu-st, lg-NW ...	1	ny-clear, sh-lg-W, N	0	cu, hz	2		
1	... ...	...	... ...	...	... ...	...	... ...	.	.. ..	...	clear	0
2	cu, cu-st, ...	1	cu, cr-st, hz ...	1	cu, cr-st, hz ...	1	ny-clear, ...	0	clear	0	clear	0
3	ny-clear	0	ny-clear	0	ny-clear, sh-lg-SW...	0	ny-clear, ...	0	ny-clear	0	clear	0
4	ny-clear	0	cu, cr-st, hz ...	1	cu, cr-st, hz ...	1	cu, cu-st	2	cu, cu-st	2	cu, cr-st, ...	2
5	cu, cr-st, hz ...	1	cu, cr-st, hz ...	1	hz-hor	1	cr-hz	2	cr-st, cr-hz ...	2	cu, cr-hz	3
6	ny-ovt, th-NE ...	7	cu, cr-st, lg-W ...	6	ny-ovt, lg-SW ...	7	cu, cr-st, hz, lg-SW.	4	cu, cu-st, cr-hz ...	3	cu, cr-hz	2
7	cu, cr-st, hz ...	2	cr-cu, cr-st, hz ...	2	cu, cr-st, hz ...	1	cu, cr-cu, hz ...	2	cu, cr-cu, hz ...	3	... ...	...
8	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cu, cr-hz	3
9	ny-clear	0	ny-clear	0	ny-clear	0	cu-hor	2	cu, cr-cu, hz ...	2	ny-clear	0
10	cu-st, hz	2	ny-clear	0	ny-clear	0	cu, cr-hz	2	cu, cr-hz	2	cu, cr-hz	2
11	cu-st, hz	2	cu-st, hz	1	ny-clear	0	ny-clear	0	ny-clear	0	clear	0
12	cu-st, cr-st, hz ...	4	cu, cr-cu, hz ...	4	cu, cr-cu, hz ...	6	cu-hor	2	ny-clear	0	clear	0
13	cu-st, cr-st, hz ...	2	cu-st, cr-st, hz ...	3	cu-st cr-st, hz ...	2	cu, cr-st, hz ...	3	cu, cr-hz	3	cu, cr-hz, ...	2
14	cu-st, cr-st, hz ...	2	cu, cr-st, hz ...	1	ny-clear	0	ny-clear	0	cu, cr-cu, hz ...	3	... ...	...
15	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cr-st, hz	3
16	cr-st, hz	1	cu, cr-st, hz ...	1	cu, cr-st, hz ...	1	cu, cr-st, cr-hz ...	2	cu, cr-st, hz ...	2	ny-clear	0
17	cr, cr-hz	1	cr, cr-hz	1	cr, cr-hz	1	cu, cr-hz	2	cu, cr-st	2	clear	0
18	cu, cr-st, hz ...	2	cu, or-st, hz ...	2	ny-clear	0	cr-st, hz	1	cu, cr-cu, cr-hz ...	6	cu, cr-cu, cr-hz ...	3
19	cu-st, hz	1	ny-clear	0	clear	0	clear	0	cr-st, cr-hz ...	2	cr-st, cr-hz	3
20	cu-st, cr-st, hz ...	2	cu-st, cr-st, hz ...	2	cu-st,cr-st,hz, lg-W,NW	1	cu, cr, cr-hz, lg-SW.	2	ny-clear	0	clear	0
21	cu-st, cr-st, hz ...	2	cu-st,cr-st,lg-W,NW	2	ny-clear, lg-W, NW.	0	cu, hz, lg-SW ...	2	cr-st, cr-hz... ...	3	.. ... {hy-R	...
22	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	ny-ovt, fr-viv-lg, ld-th,	7
23	cr-cu, cr-st, hz ...	3	cr-cu, cr-st, hz ...	3	cu, cr-st, hz, lg-W...	3	cu, cr-st, hz, lg-W...	3	cu, cr-st, cr-hz ...	4	cr-st, cr-hz, hl☽ ...	5
24	cu, cr, cr-hz ...	3	cu, cr-cu, cr-hz ...	6	cu, cr-cu, cr-hz, lg-S	3	cu, cr-hz ..	2	cr-cu, cr-hz... ...	3	cr-cu, cr-hz ...	2
25	cu-st, cr-st, hz ...	6	cu-st,cr-st, hz,lg-SW	6	cu-st, cr-st, hz, lg-S,SW	6	cu, cr, fr-lg-SW ...	4	cu,cu-st,cr-hz,fr-lg-SW.	5	cu, cu-st, cr-cu,cr-hz	7
26	cu-st, cr-st, hz ...	2	cu-st, cr-st]... ...	1	cu-st	1	cu, cr	2	cu, cr, cr-hz ...	3	cu, hz	2
27	cu-st, cr-st, hz ...	3	cu-st, hz, lg-NW ...	2	cu, cu-st, fr-lg-W ...	3	cu, cu-st, cr-hz, fr-lg-W, S-W ...	3	cu,cu-st,cr-hz,lg-SW	3	cu, cu-st, cr-hz ...	2
28	cu, cu-st, cr-hz, nim.	3	cr-cu, d-hz	6	cu, cr-hz, lg-S ...	4	cu, cr-hz, lg-S ...	4	cu, cu-st, lg-WS ...	4	... ...	...
29	... ...	...	... ...	...	... ...	...	... ...	..	... ...	..	ny-clear	0
30	hy-cu-st, hy, nim, th	4	cu-st, cr-st, hz, lg-W	3	cr-st, cu, hz, lg-NW.	2	cu, cr-st, hz, lg-NW.	2	cu, cr, cr-hz ...	2	clear	0
31	cu-st, cr-hz ...	2	cu-st, cr-st, hz, lg-W	2	cu, cr-st, hz, lg-S ...	1	cu, cr-st, lg-S ...	2	cu, cr, cr-hz ...	2	cu, cr, cr-hz ...	2

REMARKS ON THE WEATHER FOR THE MONTH OF JUNE 1859

1	cu-st, cr-st, hz ...	2	cu, cr-st, hz, lg-W...	2	cu, cr-st, hz, lg-SW..	2	cu, cr, cr-hz ...	2	cu, cr, cr-hz ...	2	cu, cr, cr-hz ...	3
2	cu-st, cr-st, th-W ...	6	cu-st, cr-st, hz ...	6	cu,cr-hz,nim,sh-lg-S.	6	ovt, sh-lg-NW ...	8	ovt	8	ovt	8
3	cu, cu-st, cr-hz, ...	7	cu-st, cr-st, hz ...	4	cu-st, cr-st, hz ...	2	cu-st, cr-st, hz ...	2	cu, cu-st, cr-hz ...	3	cu, cu-st, cr-hz ...	4
4	cu-st, cr-st, d-hz ...	7	ny-ovt	7	hy-cu, cu-st, hz ...	7	hy-cu, cu-st, hz ...	7	hy-cu, cu-st, hz ...	7	... ...	...
5	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	ny-ovt	7
6	cu-st, cr-st, hz, nim.	6	cr-cu, cr-st, hz ...	7	cr-cu, cr-st, hz ...	7	cu, cr-cu, cr-st, cr-hz	7	cu, cu-st,cr-cu,cr-hz.	8	ovt	8
7	cu, cr-hz	2	fl-cu, cr-st, hz, lg-W	3	hy-cu, d-hz, lg-SW .	7	cu, cu-st, cr-cu, cr-hz, lg-	7	cu,cu-st,cr-hz,nim,R	8	ovt, lg-NE	8
8	cu-st, cr-st, d-hz ...	7	cu, cr-st, d-hz ...	6	cu, cr-st, d-hz ...	5	cu, cr-st, d-hz . [SW	6	cu, cr-st, cr-hz ...	7	cu, cr-st, cr-hz ...	7
9	ny-ovt	7	ny-ovt	7	ovt	8	ovt	8	ovt, R	8	ovt,R,th,sh-lg,NE,W	8
10	cu, d-hz, cr-st ...	7	ovt, sh-lg-NW ...	8	ovt	8	ovt	8	ovt, lt-R	8	ovt	8
11	ovt	8	ovt	8	ny-ovt	7	ovt	8	ovt	8	... ...	...
12	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	ovt	8
13	cu-st, cr-st, d-hz ...	8	ny-ovt	7	ovt, lg	8	ovt	8	ovt	8	ovt	8
14	cu, cr-st, d-hz ...	8	ny-ovt	7	ny-ovt	7	cr-st cr-hz, d-hz ...	6	ny-ovt	7	ny-ovt	7
15	cu-st, cr-st, hz ...	7	cu-st, cu-st, hz ...	6	cu-st, cr-st, hz ...	7	ny-ovt	7	cr-cu, cr-hz ...	5	cr-cu, hz	4
16	cu-st, cr-st, hz ...	6	cu-st, cr-st, hz ...	5	ovt,lt-R,dis-th,lg-E, SW	8	cu, cu-st, cr-hz ...	5	cu, cr-st, cr-hz ...	5	cr, cu-hz	4
17	cu-st, cr-st, hz ...	5	cu-st, cr-st, hz ...	4	cu, hz	4	fl-cu, cr-hz ... SW-th]	7	cu, cr, cr-hz ...	4	cu, cr, cr-hz ...	5
18	ny-ovt	7	cu-st, cr-st, hz ...	6	cu, cu-st, nim ...	7	cu, cu-st, nim, lg-NW.	7	cu, cr-st, cr-hz, lg...	3	... ...	...
19	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cu,cr-st,cr-hz,hl-☽...	6
20	hy-cu,hz,nim,th-NE	6	ovt, lg-SE	8	ny-ovt, lg-SE ...	7	ovt	8	ovt	8	cr-st,cr-hz,cu,hl-☽...	6
21	ny-ovt, R, lg-th ...	7	ny-ovt, lg-W ...	7	ovt, lt-R ... [SW.	8	ovt, lg-NW, lt-R ...	8	ovt	8	ovt	8
22	cu-st, cr-st, d-hz ...	7	cu-st, cr-st, d-hz ...	7	cu-st, cr-st, d-hz, lg-	5	cu, cr-st, cr-hz, lg ...	4	cu, cr-st, cr-hz ...	5	cu, cr-st, cr-hz ...	4
23	cr-cu, cr-st, d-cr-hz.	7	cr-cu, cr-st, d-cr-hz .	7	cu, cr-hz	7	ny-ovt	7	cr, cr-hz	5	cu, cr, cr-hz ...	5
24	cu-st, cr-st, hz ...	3	cu, cu-st, hz ...	3	cu-st	1	cu, cr, cr-hz ...	2	cu, cu-st, cr-hz ...	6	cu, cu-st, cr-hz ...	4
25	cu-st, cr-st, hz ...	2	ny-clear	0	ny-clear	0	cr-st, cr-hz ...	2	cr-st, cr-hz	3	... ...	...
26	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cu, cr, cr-hz ...	6
27	cu, cu-st, hz ...	6	cu-st, cr-st, hz ...	3	fl-cu, hz, lg-SW ...	4	cu,cu-st,cr-hz,nim,lg	7	cu, cu-st, cr-hz ...	6	ovt	8
28	cu-st, cr-st, hz ...	3	cu-st, cr-st, hz ...	2	cu, hz	1	cu, cr-hz	1	cu, cu-st, nim ...	5	cu, cr-hz	3
29	cu-st, cr-st, hz ...	2	cu, cr-st, hz ...	2	ny-clear	0	cr-st, cr-hz ...	1	cu, cr-st, cr-hz ...	4	cu, cr, cr-hz ...	3
30	cu, cu-st, d-hz ...	6	cu, cu-st, hz ...	4	cu, cr-st, hz ...	2	cu, cr-st, hz ...	3	cu, cr-st, cr-hz ...	3	cr-st, cr-hz	2

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE

ard...around
cld....clouds or cloudy
cr or ci. cirri or cirro or cirrous
cu.....cumuli or cumulo
D.....dew
d.....dense
dis... distant
dt.....detached
E.....east
fg.....fog
fk.....forked
fl... ...flying
fr.....frequent
g.....ground
hy....heavy
hl....halo
hor..horizon
hz.... haze or hazy
ld....loud
lg....lightning
lt.....light
mt....meteor
N.....north
nim..nimbi
ny ...nearly
ov....overhead
ovt...overcast
ps....peals
pt.....part or partly or partial
R.....rain
r-b...rain-bow
S.....south
sc.....scattered
sh.... sheet
st.....stratus
th....thunder
thi..thick
v.....very
viv...vivid
W....west

REMARKS ON THE WEATHER FOR THE MONTH OF MAY 1859

Date	12	Cloudy sky in 8ths	14	Cloudy sky in 8ths	16	Cloudy sky in 8ths	18	Cloudy sky in 8ths	20	Cloudy sky in 8ths	22	Cloudy sky in 8ths	Thermometers: Radiation Sol.	Radiation Ter.	Air Max.	Air Min.
30	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	.. ..	..	—	—	93·7	77·7
1	clear	0	clear	0	ny-clear	0	clear	0	cu, cu-st, hz ...	3	cu, cu-st, hz ...	3	—	—	92·2	79·5
2	ny-clear ...	0	ny-clear ...	0	clear	0	cr-hz-hor... ...	1	cu, hz	2	fl-cu	1	—	—	96·1	79·3
3	clear	0	clear	0	ny-clear	0	clear	0	ny-clear	0	clear	0	—	—	98·5	78·9
4	cu, cr-st ...	2	cr-st, cr-hz ...	1	cu, cr-hz	2	cu, hz	1	clear	0	uy-clear	0	—	—	94·3	81·4
5	cu, cr-hz ...	4	cr-cu, cr-hz ...	3	cu, cu-st, hz ...	2	cu, cu-st, hz ...	2	cu, hz	3	cu-st, hz	2	—	—	92·6	81·3
6	cu, cr-hz ...	2	cr, cr-hz ...	2	cr, cr-hz	3	cr, cr-hz	1	cu, cr-hz	1	cu, cu-st, cr-st, hz	2	117·6	—	96·8	78·0
7	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	—	—	94·7	80·7
8	cu, cr-hz ...	1	clear	0	clear	0	uy-clear	0	clear	0	cu, cu-st, hz ...	2	128·3	—	100·5	82·0
9	ny-clear ...	0	cu, cr-hz ...	2	cu, cr-hz	2	cu, cr-hz	3	cr-hz	1	cu-st, hz	2	129·4	—	105·0	82·1
10	cu-hz	2	ny-clear ...	0	ny-clear ...	0	cr-st, hz	1	clear	0	cu-st, hz	1	141·5	—	103·5	81·7
11	cr-cu, hz ...	2	cr-cu, hz ...	2	cr-cu	1	cr, hz	0	cu, hz	1	cu-st, hz	2	121·7	—	97·8	81·2
12	co, cr-hz ...	2	cu, cr, cr-hz ...	6	cu, cr, cr-hz ...	3	cr-hz, cu	2	cu-hor	2	cu-st, cr-st, hz ...	3	126·9	—	95·7	82·1
13	clear	0	clear	0	cu, cr-hz... ...	3	cu, hz	1	cu, hz	1	cu-st, cr-st, hz ...	2	—	—	93·5	81·8
14	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	—	—	96·1	77·0
15	cr-st, hz ...	2	cu, hz	2	clear	0	clear	0	clear	0	cu-st	1	109·1	—	94·6	79·3
16	clear	0	cu, hz	2	cu, hz	3	sc-cu, hz	3	sc-cu, hz	3	cu-st	1	103·4	—	92·4	81·1
17	clear	0	cu, cr	2	cu, cr	3	cu, hz	2	cu, hz	1	cu, hz	1	102·6	—	93·0	81·0
18	cu, cr-cu, cr-hz..	2	cr-st, cr-hz ...	2	cr-st, cr-hz ...	2	sc-cu	1	cu, cr-hz... ...	1	cu-st, hz	1	106·8	—	93·5	81·4
19	cr-st, cr-hz ...	1	clear	0	clear	0	cr-st, hz	1	cu, hz	1	cu, hz	1	108·5	—	94·0	80·5
20	clear	0	clear	0	cr, cr-hz	2	cr-hz, cr-st ...	1	sc-cu, hz	2	cu-st, cr-st, hz ...	3	131·2	—	102·3	80·8
21	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	120·2	—	101·1	82·4
22	ny-ovt... ...	7	cr-st, cr-hz, cu..	6	cr-cu, cr-st, cr-hz.	6	cu, cr-cu, cr-hz ...	4	cr-cu, hz	3	cu-st, cr-st, hz ...	3	128·4	—	93·0	74·2
23	cr-st, cr-hz ...	5	ovt	8	cu, cr, cr-hz ...	3	cr, cr-hz, cr-st, cu.	3	cr, cr-hz, cr-st, cu.	4	cr, cr-hz, cr-st, cu	3	127·5	—	95·0	81·1
24	cr-st, cr-hz ...	2	cu, cr-cu, cr-hz.	3	cu, cr-cu, cr-hz ...	5	cu, cr-hz	5	cr-cu, cr-hz ...	6	cu, cr-st, hz ...	4	128·3	—	93·1	80·1
25	cu, cu-st, cr-cu,	7	cu, cu-st, cr-cu, cr-hz ...	6	cr, lt-cu	4	cr-st, cu	3	cr-cu, cr-hz, cr-st..	4	cr-cu, cr-st, hz ...	3	117·3	—	96·4	82·0
26	cu, hz ... [cr-hz	2	cr-cu, cu-st, hz.	3	cu, hz	1	cu, cr-hz	3	cu, cr-hz	3	cu-st, cr-st, hz ...	2	109·9	—	93·9	81·4
27	cu-hor	2	cu, cr-hor ...	1	cu, cr-hor ...	1	cu, cr, cr-hz ...	4	cu, cr-st, cr-hz ...	4	cu, cr-st, cr-hz ...	4	127·5	—	93·5	82·0
28	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	128·3	—	99·0	82·0
29	cr-st, cr-hz ...	2	cr-st, cr-hz ...	3	cr, cr-hz	3	cr-st, cr-hz ...	3	cu, hz	2	cu, hz, hy-cu, NW, nim, th...	2	129·8	—	101·2	81·1
30	cr-st, cr-hz ...	1	cr-st, cr-hz ...	2	cu, cr-hz... ...	2	clear	0	sc-cu	3	cu-st, cr-hz ...	2	135·7	—	100·1	81·9
31	cr, cr-hz ...	1	lt-cr, cr-hz ...	2	lt-cr, cr-hz ...	1	cr, cr-hz, cr-st ...	2	cu-hz	2	cu, cr-st, cr ...	2	130·5	—	101·1	82·0

REMARKS ON THE WEATHER FOR THE MONTH OF JUNE 1859

1	cr-st, cr-hz, cu..	3	cr-st, cr-hz, cu..	4	cr-st, cr-hz, cu ...	3	cr-st, cr-hz ...	3	cr-cu, cr-st, cr-hz..	5	cu, cr-st, d-hz ...	6	119·8	—	100·6	83·6
2	ovt	8	cu, cr-cu, hz ...	4	uy-ovt	7	ovt	8	ny-ovt	7	cu, cu-st	7	120·6	—	100·2	84·1
3	cu, cu-st, cr-hz.	4	lt-cr-st, cr-hz...	4	lt-cr-st, cr-hz ...	3	cr, cr-hz, cu ...	5	cr, cr-hz, cu ...	5	cu, cr, cr-hz ...	7	122·9	—	99·6	83·1
4	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	116·1	—	100·5	77·8
5	cu, cr-st, cr-hz..	6	ovt	8	cr-st, d-cr-hz ...	7	d-cr-hz, cr-st ...	6	d-cr-hz, cr-st ...	5	cu, cr, cr-hz ...	5	116·6	—	98·5	77·5
6	ovt	8	cr, cr-st, d-cr-hz ...	7	cr-st, cr-hz ...	5	cu, cr-hz, cr-st ...	4	cu, cr-hz, cr-st ...	3	cu, cr-hz, cr-st ...	2	123·6	—	100·0	81·3
7	ny-ovt... ...	7	cu, cr-cu, cr-st, cr-hz ...	5	cr-st, cr-cu, cr-hz.	4	cr-st, cr-cu, cr-hz.	3	cu, cr-hz, cr-st ...	6	cu, cu-st, cr-st ...	7	130·3	—	95·9	81·0
8	cu, cr-st, cr-hz..	6	cu, cr-cu, cr-hz..	4	ny-ovt	7	ny-ovt	7	ovt	8	ovt	8	115·2	—	92·8	80·9
9	ovt	8	ovt	8	ovt	8	ovt	8	ovt	8	cu, d-hz	7	ovt.	—	93·6	78·6
10	ovt, lt-R ...	8	ovt	8	cu, cr, d-cr-hz ...	7	cu, cr, d-cr-hz ...	7	ovt	8	ovt	8	106·6	—	93·3	80·2
11	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	107·5	—	93·7	78·8
12	ovt	8	ny-ovt... ...	7	cu, cr-cu, cr-hz ...	6	cu, cr-cu, cr-hz ...	6	cu, cr, cr-hz ...	8	cu, cr, cr-hz ...	8	106·3	—	94·2	78·0
13	ny-ovt... ...	7	ny-ovt	7	ny-ovt	7	ovt	8	ovt	8	ny-ovt	7	—	—	94·3	80·2
14	ny-ovt... ...	7	ny-ovt	7	cr, d-cr-hz ...	7	cr-hz, cr-st ...	5	cu, cr-hz	6	ny-ovt	7	—	—	96·7	78·8
15	cr-st, cr-hz ...	3	cr-cu, cr-hz ...	3	cr-cu, d-cr-hz ...	6	cu, cr-hz, cr-st ...	5	cr-cu-cu, cr-hz ...	3	cu, cu-st, cr-hz ...	5	—	—	97·0	80·8
16	cr-st, cr-hz, cu..	6	ny-ovt... ...	7	cr-cu, cr-hz ...	4	cr-cu, cr-hz ...	3	sc-cu, cr, cr-hz ...	4	cu, cu-st, cr-st, hz.	4	—	—	99·4	79·1
17	cu, cr, cr-hz ...	5	cu, cu-st, cr-cu, cr-hz ...	6	cu, cr-hz	3	cu, cr-hz	3	cu, hz	2	cu, cu-st, hz ...	4	127·5	—	100·0	81·9
18	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	—	—	100·0	81·1
19	ny-ovt... ...	7	ovt	8	cr-st, cr-hz ...	6	d-cr-hz, cr-st ...	5	cr-cu, cr, cr-hz ...	6	cu-st, cr-st, hz ...	5	121·2	—	99·7	77·7
20	cr-st, cr-hz, cu..	6	cr-st, cr-hz ...	4	cr-st, cr-hz ...	3	cr, cr-hz	3	cr, cr-hz, cr-cu ...	4	ny-ovt	7	119·3	—	98·2	77·9
21	ovt	8	ovt	8	ovt	8	ovt	8	ovt	8	cu, cr-st, d-hz ...	6	115·1	—	94·7	77·1
22	cu, cr-st, cr-hz..	4	cr, cr-hz, cu ...	7	cr, cr-hz, cr-st ...	6	cu, cr-st, cr-hz ...	5	cr-st, d-cr-hz ...	6	cr-st, d-cr-hz-cu...	7	115·5	—	95·3	79·2
23	cu, cr, cr-hz ...	6	cr-cu, cr-st, cr-hz.	4	uy-clear	0	clear	0	cu, hz	1	cu-st, cr-st, hz ...	4	120·9	—	98·9	78·0
24	cr-st, hz ...	2	clear	0	cr, cr-st	2	cr-hz, cr-st ...	2	cu, cr-hz	3	cu, cr-hz	2	130·3	—	97·9	79·5
25	... ...	..	... ...	...	... ...	...	... ...	...	.. ..	...	... ...	...	123·7	—	99·6	80·5
26	cr-cu, cr-st, cr-hz..	5	ny-ovt... ...	7	cu, cr-cu, cr-hz ...	6	cu, cr-cu, cr-hz ...	6	cu, cr, cr-hz ...	5	cu, cu-st, hz ...	6	131·7	—	100·5	81·1
27	ovt	8	ovt	8	cu, cr-cu, cr-hz ...	6	cu, cr-cu, cr-hz ...	6	cu, cr-hz	5	cu, cu-st, hz ...	7	124·4	—	100·0	79·5
28	cu, cr-hz ...	2	cr-st, cr-hz ...	2	cr-st, cr-hz ...	5	cu, cr-hz	3	cu, cr, cr-hz ...	3	cu, cu-st, cr-st, hz	4	132·6	—	97·2	80·4
29	cu, cr-st, cr-hz..	3	cu, cr-cu, cr-st..	3	cr-cu, cr-hz ...	5	cr, cr, cr-hz ...	5	cr, cr-hz	6	cu, cr, d-hz ...	7	125·3	—	95·3	80·6
30	cr-st, cr-hz ...	2	cu, cr-hz ...	3	uy-ovt	7	cr, d-cr-hz ...	6	cr, d-cr-hz ..	7	cr, d-cr-hz ...	8	109·1	—	91·9	80·1

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE

ard...around
cld ...clouds or cloudy
cr or ci. cirri or cirro or cirrous
cu ...cumuli or cumulo
D ...dew
d ....dense
dis ...distant
dt....detached
E.....east
fg....fog
fk....forked
fl ....flying
fr ....frequent
g.....ground
hy ..heavy
hl ...halo
hor ..horizon
hz ...haze or hazy
ld ....loud
lg.....lightning
lt .....light
mt....meteor
N ....north
nim..nimbi
ny ..nearly
ov....overhead
ovt...overcast
ps ....peals
pt....part or partly or partial
R ....rain
r-b ...rain-bow
S .....south
sc.....scattered
sh ....sheet
st ....stratus
th .....thunder
thi ...thick
v.....very
viv ...vivid
W....west

REMARKS ON THE WEATHER FOR THE MONTH OF JULY 1859

Date	Göttingen Mean Time NOON	Cloudy sky in 8ths	2	Cloudy sky in 8ths	4	Cloudy sky in 8ths	6	Cloudy sky in 8ths	8	Cloudy sky in 8ths	10	Cloudy sky in 8ths
1	cu, cr-st, d-hz ...	7	cu, cr-st, hz ...	3	cu, cr-st, hz, lg-SW..	1	cu, cr-st, hz, lg-SW.	2	cu, cr-st, cr-hz ...	3	cu, cr-st, cr-hz ...	3
2	cu-st, hz	5	ou-st, cr-st, hz ...	4	cu, hz, lg-SW ...	2	cu, cr-st, hz, lg-SW.	3	cu, cr-st, hz ...	2	... ...	...
3	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cu, cr-hz	2
4	cu-st, cr-st, hz ...	1	ny-clear	0	clear	0	cu, cr, cr-hz ...	1	cu, cu-st, cr-hz ...	4	cu, cr-hz	2
5	cu-st, cr-st, hz ...	2	cu, cr-st, hz ...	2	cu-hor	1	cu, cr-st, cr-hz ...	3	cu, cr-st, cr-hz ...	2	ny-clear	0
6	cu, cr-st, hz ...	2	cu, cr-st, hz ...	2	ny-clear	0	cr-st, cr-hz	1	cr-st, cr-hz	2	cr-st, cr-hz	3
7	cu, cr-st, hz ...	3	cu, cu-st, cr-st, lg-W	3	cu, cu-st, cr-st, lg-W	3	cu, cr-st, cr-hz ...	4	cu, cr-st, cr-hz ...	4	cu, cr-st, cr-hz ...	3
8	cu-st, cr-st, hz ...	4	cu-st, cr-st, hz ...	3	cr-st, hz	3	cr-st, hz	3	cr-st, cr-hz, lg-NW..	2	cr-st, cr-hz, lg-NW..	2
9	cu-st, cr-st, hz ...	2	hy-cu, st, cu ...	7	cr-st, hz	2	cr-st, hz, lg-SW ...	2	cr-st, hz	4	... ...	...
10	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cu, cr-hz	3
11	cu-st, cr-st, hz ...	3	cu-st, cr-st,hz,lg-SW	4	cu, cu-st, cr-cu, lg-SW,S	7	cu, cr-st, d-cr-hz ...	8	cu,cr-st,cr-hz,lg-NW	8	ovt, fr-th, lg, N, SE,R..	8
12	ny-ovt, dis-th ...	7	ovt, viv-lg, th, R ...	8	ovt, hy-R, lg, hy-ps-th.	8	ovt, lt-R, lg ...	8	ovt, lg-th	8	ovt	8
13	ovt, R, r-b	8	cu, cu-st, nim ...	8	ovt	8	ovt	8	ovt	8	ovt	8
14	cu-st, cr-st, hz	3	hy-cu-st,cr-st,hz, lg-	4	fi-cu, cu-st, cr-hz, nim, lg-NW ...	8	ovt, R	8	ovt, R	8	ovt	8
15	cu-st, cr-st, hz ...	6	ovt ... ... [NW	8	ovt	8	ny-ovt	7	ny-ovt	7	cu, cu-st, cr-hz ...	6
16	ovt	8	ny-ovt	7	cu, cu-st, hz, lg-W...	7	ovt, R, sh-lg-N ...	8	ovt	8	... ...	...
17	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	ovt	8
18	ovt	8	ovt, lt-R	8	ovt	8	ovt	8	ovt	8	ovt	8
19	cu, cr-st, d-hz ..	7	ovt	8	ovt, lt-R	8	ovt	8	ovt	8	ovt	8
20	cu-st, cr-st, hz ...	6	cu, cr-cu, cr-st, hz...	7	ovt, ...	8	ovt, lt-R	8	ovt	8	ovt	8
21	ovt	8	ovt	8	ovt, ...	8	ovt	8	ovt	8	ovt	8
22	ny-ovt	7	ovt, R	8	ovt, ...	8	ovt	8	ovt	8	ovt	8
23	cu-st, cr-st, hz ...	6	ovt	8	ovt, ...	8	ovt	8	ovt	8	... ...	...
24	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	ny-ovt	7
25	ny-ovt	7	ovt	8	cu, d-hz	7	cu, cr, cr-hz ...	3	cu, cu-st, cr-hz ...	4	cu, cr, cr-hz ...	4
26	cu, cu-st, nim ...	7	hy-cu, hz, nim ...	7	cu, d-hz	4	cu, cr-st, cr-hz ...	3	cu, cu-st, cr-hz ...	4	cu, d-cr-hz	5
27	cu-st, cr-st, hz ...	6	cu-st, cr-cu, cr-st, hz.	4	cu, d-hz	4	cu, cr-st, cr-hz ...	5	cu, cu-st, cr-hz ...	5	cr-st, cr-hz	6
28	cu, cr-hz	7	ovt	8	cu, hz	4	cu, cr-hz	4	cu, cr-st, cr-hz ...	6	cu, cr-st, cr-hz ...	6
29	cu-st, cr-st, hz ...	6	ny-ovt	7	ovt	8	ny-ovt	7	cu, cu-st, cr-hz ...	3	cu, cu-st, cr-hz ...	3
30	cu, cu-st, cr-st ...	6	cu-st, cr-st, hz ...	6	cu-st, cr-st, hz, sh-lg-S..	6	ovt, lt-R	8	ovt	8	... ...	...
31											cu, cr-st, cr-hz ...	5

REMARKS ON THE WEATHER FOR THE MONTH OF AUGUST 1859

1	ou, cu-st, hz ...	4	cu, cr-st, d-hz ...	5	cu, cu-st, cr-hz, lg...	4	cu, cu-st, cr-hz, lg ...	6	cu, cu-st, cr-hz ...	4	ovt	8
2	cu, cr-st, hz ...	3	cu-st, cr-st, hz ...	2	cu-hor, lg	2	cu, cr-hz	2	cu, cr-hz	6	cu, cu-st, cr-hz, nim.	7
3	cu, cu-st, or-st, hz ...	5	cu, cu-st, cr-st, hz ..	5	cr-st, hz	2	cu, cr, cr-hz, lg ...	3	cu, cu-st, cr-hz, nim, lg.	6	ny-ovt, R, sh-lg-W ..	7
4	cu-st, cr-st, hz ...	6	ou-st, cr-st, hz ...	5	cu, cr, d-cr-hz ...	6	cu, cr, d-cr-hz ...	6	cu, cr-st, cr-hz ...	5	cu, cr-st, cr-hz ...	3
5	cu-st, cr-st, hz ...	4	cu-st, cr-st, hz ...	3	ou, cu-st, hz ...	5	cr-st, cr-hz	4	cu, cr-st, cr-hz ...	6	cu, cr-hz	5
6	cu, cr-st, hz ...	3	cu, cr-st, hz ...	2	ny-clear	0	cr, cr-hz	2	cr, cr-hz	2	... ...	...
7	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	clear	0
8	cu, cr-cu, cr-st, hz...	3	cr-st, hz	2	cr-st, hz	2	cr-st, hz	2	cr-cu, cr, cr-hz ...	3	cr-cu, cr, cr-hz ...	2
9	cu-st, cr-st, hz ...	6	cu-st, cr-st, hz ...	6	cu-st, cr-st, hz ...	4	cu, cr-cu, cr-hz ...	3	cr-hz, cr-st	3	cr-hz, cr-st	3
10	cu-st, cr-st, hz ...	3	cu-st, cr-st, hz ...	2	cu-st, cr-st, sh-lg-N ..	1	cu, cr-hz, fr-sh-lg-N W.	2	cu, cr-st, cr-hz ...	3	cu, cr-st, cr-hz ...	4
11	cu-st, cr-st, hz ...	4	cu-st, cr-st, hz ...	5	ny-ovt	7	cu, cr-cu, cr-hz ...	7	cu, cr-cu, cr-hz ...	7	cu, cr-cu, cr-hz ...	7
12	ou-st, cr-st hz ...	4	cu-st, cr-st, hz, lg-SW, S	6	ovt	8	cr-cu, cr-hz... ...	6	cu, cr-st, cr-hz ...	4	cu, cr-st, cr-hz ...	4
13	cu, d-cr-hz	8	cu, cr, d-cr-hz ...	6	cu, cr-hz, lg-S ...	4	cu, cu-st, cr-hz ...	4	cu, cu-st, cr-hz ...	5	... ...	...
14	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cu, cr-cu, cr-hz ...	5
15	cu, cu-st, nim, th-SW .	6	cu, cr-st, hz ...	3	cu, cr-st, hz ..	3	cu, cr-st, hz ...	3	cu, cu-st, cr-hz ...	2	cu, cu-st, cr-hz ...	2
16	cu-st, cr-st, hz ...	5	ny-ovt	7	ny-ovt, hy-ps-th,lg-SW.	7	fi-cu, cu-st, cr-hz, nim, fr-lg ...	6	cu, cu-st, cr-hz ...	5	cr-cu, cr-hz... ...	7
17	cu-st, cr-st, hz ...	5	cu, cr-st, hz... ...	2	cu, d-hz, lg-SW ...	4	cu, cu-st, cr-cu, cr-hz,lg	6	cu, cr-cu, cr-hz ...	7	cu, cr-cu, cr-hz ...	6
18	ovt	8	cu, cr-st	6	ovt	8	ny-ovt	7	cu, cu-st, cr-hz, nim, lg	7	cu, cr-cu, cr-hz ...	8
19	ovt	8	ovt	8	ovt	8	ovt	8	ovt	8	ovt	8
20	ovt	8	ovt	8	ny-ovt	7	ovt	8	ovt	8	... ...	...
21	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cr-cu, cr-st, cr-hz ...	4
22	cu, cr-hz, nim ...	7	cu, cr-hz, nim ...	7	ovt	8	ovt, lg	8	ovt, lg	8	ovt	8
23	cu, cu-st, cr-cu, d-hz	6	cu, cu-st, cr-cu, d-hz	6	cu, hz	2	cu, cr-hz	5	cu cr-cu, cr-hz ...	6	cu, cr-st	3
24	ny-ovt	7	cu, cu-st, hz ...	7	cu, cu-st, hz ...	6	cu, cu-st, hz ...	7	ny-ovt	7	ny-ovt	7
25	ny-ovt	7	cu, cu-st, nim ...	7	cu, cu-st, nim ...	6	cu, cu-st, nim ...	7	ovt	8	ovt	8
26	cu, cr-st, d-hz ...	7	cu, cr-st, d-hz ...	7	cu, cr-hz	6	cu, cr-hz, sh-lg-NW.	6	cu, cr-cu,cr-hz, sh-lg,SE	6	cu, cr-cu, cr-hz, nim, sh-lg,NE...	6
27	cu-st, cr-st-hz ...	6	cu-st, cr-st, hz ...	4	cu, cr-hz	3	cu, cr-hz	3	cu, cr-hz	5	... ...	...
28	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	ovt	8
29	cu-st, or-st, d-hz ...	6	cu, cu-st, hz ...	4	cu, hz	2	cu, cu-st, nim, lg-th ..	5	cu, cu-st, cr-hz ...	6	ovt	8
30	ny-ovt	7	ovt, lg-N	8	ovt, R, lg-N E ...	8	ovt, fr-lg-N E ...	8	ovt	8	ovt	8
31	ny-ovt	7	cu, cu-st, cr-st, hz...	5	cu, nim, lg-S ...	6	cu, cr-cu, cr-hz, lg-S E.	6	cu, cr-st, cr-hz ...	4	cu, cr-st, cr-hz ...	3

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE

ard...around
cld....clouds or cloudy
cr or ci.cirri or cirro or cirrous
cu ....cumuli or cumulo
D.....dew
d.....dense
dis....distant
dt.....detached
E.....east
fg.....fog
fk.....forked
fl.....flying
fr.....frequent
g.....ground
hy.....heavy
hl.....halo
hor....horizon
hz ....haze or hazy
ld.....loud
lg.....lightning
lt.....light
mt.....meteor
N .....north
nim ...nimbi
ny....nearly
ov.....overhead
ovt....overcast
ps.....peals
pt.....part or partly or partial
R.....rain
r-b ....rain-bow
S.....south
sc .....scattered
sh.....sheet
st .....stratus
th.....thunder
thi....thick
v .....very
viv....vivid
W .....west

REMARKS ON THE WEATHER FOR THE MONTH OF JULY 1859

Date	12	Cloudy sky in 8ths	14	Cloudy sky in 8ths	16	Cloudy sky in 8ths	18	Cloudy sky in 8ths	20	Cloudy sky in 8ths	22	Cloudy sky in 8ths	Thermometers: Radiation Sol.	Radiation Ter.	Air Max.	Air Min.
1	cr-st, cr-hz, sh-lg, NW,E	2	cr-cu, cr-hz,nim	6	cr-cu, cr-hz, nim...	6	cr-cu, cr-hz ...	4	cu, cr-hz	4	cu-st, hz	6	119·8	—	94·4	79·5
2	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	..	113·2	—	93·2	81·1
3	cu, cr-hz ...	2	cu, cr	3	fl-cu	5	cu, cu-st, cr-hz,nim	5	cu, cr-hz	3	cu-st	2	110·8	—	94·8	80·1
4	cu, cr-hz ...	2	cr, cr-hz ...	3	cu, cr-st, cr-hz ...	4	cu, cu-st, cr-hz ...	5	cu-hor	2	cu-st, cr-st, hz ...	2	128·6	—	93·8	79·1
5	ny-clear ...	0	cr-st, cr-hz ...	3	cu, cr-st, cr-hz ...	4	ou, cr-hz	2	cu, cr, cr-hz ...	2	cu-st, cr-st, hz ...	2	111·3	—	93·1	79 7
6	cr-st, cr-hz ...	3	cr, cr-st, cr-hz..	5	cu, cu-st, cr-hz ...	6	cu, cr,.hz... ...	4	cu, cr, cr-st, cr-hz	3	cu-st, cr-st, hz ...	5	108·3	—	94·2	79·9
7	cu, cr-st, cr-hz..	3	cr, cr-st, cr-hz ..	5	cr, cr-st, cr-hz ...	5	cr, cr-st, cr-hz ...	3	cu, cr, cr-st ...	3	cu-st, cr-st, hz ...	4	132·5	—	95·4	80·1
8	cr-st, cr-hz ...	3	cr-cu, cr-st, cr-hz	5	cr-cu, cr-st, cr-hz.	6	cu, cr, cr-hz ...	3	cu, hz	2	cu-st, cr-st, hz ...	3	129·6	—	94·9	81·6
9	... ...	...	... ...	...	... ...	...	... ...	...	.. ..	...	... ...	...	130·0	—	96·4	81·0
10	cu, cr-hz ...	3	cu, cr, cr-st, cr-hz	5	cu, cr, cr-st, cr-hz	6	fl-cu, hz	3	cu, cu-st, cr-hz ...	3	cu, cr-st, hz ...	3	124·4	—	92·6	79·9
11	ovt, fr-th, R ...	8	ovt, R, th ...	8	ovt, R	8	ovt, R	8	cu, cu-st, cr-hz ...	6	cu, cu-st, cr-hz ...	7	ovt.	—	90·2	76·4
12	ny-ovt ...	7	ovt	8	ovt, R, th ...	8	ovt, dis-th ...	8	ovt	8	ny-ovt	7	ovt.	—	86·5	75·1
13	cu, cr-hz ...	6	cr-cu, cr-st, hz .	5	cr-st, cr-hz ...	4	cr-cu, cr-hz ...	3	cu, cu-st, nim ...	6	cu, cu-st, cr-hz ...	5	114·6	—	90·2	77·0
14	ovt	8	cu, cr-cu, cr-st,hz.	5	cr-cu, cr-st, cr-hz .	4	cu, cr, d-cr-hz ...	4	cu, cr, d-cr-hz ...	4	cu, cr-st, d-hz ...	7	113·3	—	92·8	76·3
15	ovt	8	ovt	8	ovt	8	ovt	8	ovt	8	ovt	8	ovt.	—	88·9	78·5
16	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	ovt.	—	80·9	76·0
17	ovt	8	ovt	8	ovt	8	ovt	8	ovt	8	ovt	8	ovt.	—	82·9	76·8
18	ovt	8	ovt	8	ovt	8	cr-cu, cr-hz ...	6	cr-cu, d-cr-hz ...	6	cu, cr-st, d-hz ...	6	104·3	—	88·7	76·5
19	ovt	8	ovt	8	ovt	8	cr-cu, cu, cr-hz ...	6	cr, cr-hz, cr-cu ...	5	cu-st, cr-st, hz ...	6	108·6	—	91·8	76·9
20	ovt	8	ovt	8	ovt	8	ovt	8	ovt	8	ovt, R	8	ovt.	—	89·5	78·0
21	ovt	8	ovt	8	ovt	8	ovt	8	ovt	8	ny-ovt	7	108·1	—	90·3	77·5
22	ovt	8	ovt	8	cr-st, cr-hz ...	6	d-cr-hz, cr-cu ...	7	ovt	8	cu-st, cr-st, hz ...	6	108·4	—	92·2	76·4
23	... ...	...	... ...	..	... ...	...	... ...	...	... ...	...	... ...	...	108·7	—	94·8	77·6
24	ny-ovt... ...	7	ovt	8	cr-cu, cr, cr-hz ...	6	cu, cr-hz	5	cu, cr-hz	8	cu, cr-hz	7	106·6	—	93·8	79·1
25	cu, cr-hz ...	4	cu, cr-hz ...	5	cr, d-cr-hz ...	8	cr, d-cr-hz ...	6	cu, cr-hz	6	cu, cu-st, nim ...	7	114·2	—	96·1	80·4
26	cu, cr-cu, cr-hz.	3	cr-st, cr-hz, cr ..	4	cr-st, cr-hz, cr ...	6	d-cr-hz, cr-cu ...	7	cu, cr-cu, cr-hz ...	5	cu, cr-cu, cr-hz ...	5	112·7	—	97·6	78·9
27	cr-st, cr-hz ...	6	ovt	8	ovt	8	cu, cr-cu, cr-hz ...	6	cu, cr-cu, cr-hz ...	7	cu, cr-hz	6	112·3	—	96·6	80·8
28	cu, cr-st, cr-hz..	6	cr-cu, cr-hz ...	8	cr-cu, cr-hz ...	5	cr, cr-hz	2	cr-cu, cr-hz ...	3	cu-st, cr-st, hz ...	4	115·4	—	97·0	80·9
29	cu, cr, cr-hz ...	2	cu, cr, cr-hz ...	2	cu, cr, cr-hz ...	2	cr, cr-st, hz ...	3	fl-cu, hz	5	fl-cu, hz	5	120·4	—	97·8	80·6
30	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	116·9	—	95·5	80·6
31	cu, cr-st, cr-hz..	4	ovt	8	cr-st, cr, d-cr-hz ..	6	cr-st, cr, d-cr-hz ..	6	d-cr-hz, cu ...	7	cu, cr-st, hz ...	5	126·7	—	95·6	80·7

REMARKS ON THE WEATHER FOR THE MONTH OF AUGUST 1859

1	cu, cr-hz ...	6	cu, cr-hz ...	6	cu, cr, d-cr-hz ...	6	cu, cr, cr-hz ...	6	cu, cu-st, cr-hz ...	5	cu, cu-st, cr-st, hz	6	129·5	—	92·3	79·8
2	cu, cr-hz ...	4	cu,cr-cu, cr-hz,nim, r-b	6	cu, cr-cu, cr, cr-hz	6	ovt, R	8	cr, cr-hz	6	cu, cu-st, d-hz ...	6	115·8	—	90·3	81·2
3	ovt	8	ovt	8	ovt	8	ovt	8	ovt	8	cu-st, cr-cu, cr-st, hz.	6	122·2	—	89·4	75·9
4	cu, cr-st, cr-hz .	3	cu, cr-hz, nim ..	6	ovt	8	ovt	8	cr, d-cr-hz ...	6	cu, cu-st, cr-cu, hz	6	110·5	—	90·6	78·9
5	cu, cr-hz ...	3	cr-cu, hz ...	2	cr-cu, hz	2	cu, cu-st	3	fl-cu, cu-st ...	5	cu, cu-st, nim,th-N W	4	128·9	—	92·8	78·1
6	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	140·7	—	93·9	79·1
7	cu, hz	2	cu, cr, cr-hz ...	3	cu, cr	5	cu, cr-cu, cr-hz ...	5	cu, cu-st, cr-hz ...	6	cu-st, cr-st, hz ...	4	119·9	—	90·6	78·1
8	cu, cr-st, cr-hz .	4	cu, cr-st, cr-hz..	5	cu, cr-hz	6	cu, cr-hz... ...	5	cu, cu-st, cr-hz ...	4	cu-st, cr-st, d-hz ...	6	112·7	—	90·1	78·5
9	cu, cr-st, cr-hz .	3	cr-st, cr-hz ...	3	cr, cr-st, cr-hz ...	3	cr, cr-st, cr-hz ...	4	cu, cr, cr-hz ...	5	cu-st, cr-st, hz ...	4	121·1	—	95·4	78·8
10	cu, cr-st, cr-hz .	3	cu, cr-st, cr-hz..	4	cr-st, cr-hz ...	5	d-cr, cr-hz, cr-cu .	7	uy-ovt	7	cu-st, cr-st, hz ...	6	115·0	—	89·2	79·0
11	cu, cr-cu, cr-hz.	6	cu, cr-cu, cr-hz.	5	cr-cu, d-cr-hz ...	6	cr, cr-st, d-cr-hz ..	7	cu, cu-st, d-cr-hz..	7	cu, cr-st, d-hz ...	6	120·5	—	92·2	78·1
12	cu, cr-st, cr-hz .	5	cu, cr-cu, cr-hz.	7	cr, d-cr-hz ...	7	ovt	8	cu, d-cr-hz ...	8	cu, d-cr-hz ...	8	115·5	—	90·5	77·1
13	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	113·0	—	87·9	76·8
14	cu, cr-cu, cr-hz.	4	cr-cu, cr-hz ...	4	cr-cu, cr-hz ...	3	cr, cr-hz	2	fl-cu, cu-st, cr-hz .	6	cu, cu-st, nim,th-NW	5	124·4	—	91·8	76·8
15	cr-cu, cr-hz ...	7	cu, cr-cu, cr-hz.	5	cr-cu, cr-hz ...	4	cu, cu-st, hz ...	3	cu, cu-st, nim, R...	5	cu, cu-st, cr-cu, cr-st.	4	135·1	—	92·3	76·9
16	cr-cu, cr-hz ...	7	cu, cr-cu, cr-hz.	4	cr, cr-hz	3	cr, cr-hz	3	cu, cu-st	4	cu, cu-st, nim, th-N..	6	133·5	—	90·7	76·8
17	ovt	8	ovt	8	ovt	8	ovt	8	ovt	8	ovt	8	121·5	—	91·9	79·4
18	cu, cr-cu, cr-hz.	7	ovt	8	ovt	8	ovt	8	ovt	8	ovt	8	102·4	—	86·5	77·9
19	ovt	8	ovt	8	ovt	8	ovt	8	ovt	8	ovt	8	ovt.	—	85·1	78·8
20	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	122·5	—	92·7	76·6
21	cr-cu, cr-st, cr-hz.	5	cr-cu, cr, cr-hz.	4	cr-cu, cr, cr-hz ...	6	cr-cu, cr, cr-hz ...	6	cu, cr-hz, nim ...	8	cu, cr-hz, nim ...	7	Rain	—	90·1	77·9
22	ovt	8	ovt	8	ovt	8	ovt	8	ovt	8	ny-ovt	7	109·6	—	90·5	77·8
23	cu, cr-st ...	6	ovt	8	ovt	8	ovt	8	cu, cr-cu, d-cr-hz .	8	uy-ovt	7	115·6	—	91·5	78·9
24	ny-ovt	7	ovt	8	ovt, lt-R	8	ovt	8	cr, cr-st, cr-hz ...	6	cu, cu-st, cr-st, hz	6	117·2	—	92·8	79·8
25	ovt	8	ovt	8	cu, cr-cu, cr-hz ...	6	cu, cr-cu, cr-hz ...	8	cu, cr-cu, cr-hz ..	8	cu, cu-st, cr-st, hz	8	110·3	—	93·2	79·3
26	ovt	8	cr, cr-hz, cu ...	7	ny-clear	6	cu, cr-st, hz ...	6	cr, cr-hz, cu ...	7	cu, cr-hz	5	116·5	—	96·0	78·7
27	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	110·5	—	93·4	80·3
28	ovt	8	ovt	8	ovt	8	cr, cr-hz	6	cr-cu, cr-st, cr-hz.	6	cu-st, cr-st, d-hz...	6	115·8	—	95·4	80·2
29	ovt	8	ovt	8	cu, cr-cu, cr-hz ...	7	cu, cr-cu, cr-hz ...	7	cu, cr-cu, cr-hz ...	7	uy-ovt	7	122·4	—	94·3	79·2
30	ovt	8	ovt	8	cr-cu, cr-hz, cr-st.	4	cu, cr-hz... ...	3	cr-cu, cr-hz ...	6	fl-cu, cr-st, hz ...	6	117·1	—	95·3	78·9
31	cu, cr-st, cr-hz .	3	ovt	8	ovt	8	cu, cr-st, d-hz ...	7	ovt	8	ovt	8	110·9	—	89·4	78·9

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE

ard....around
cld.....clouds or cloudy
cr or ci. cirri or cirro or cirrous
cu.....cumuli or cumulo
D .....dew
d .....dense
dis.....distant
dt..... detached
E .....east
fg.....fog
fk.....forked
fl.....flying
fr.....frequent
g.....ground
hy .....heavy
hl.....halo
hor ...horizon
hz .....haze or hazy
ld.....loud
lg .....lightning
lt.....light
mt....meteor
N .....north
nim....nimbi
ny.....nearly
ov.....overhead
ovt....overcast
ps.....peals
pt.....part or partly or partial
R .....rain
r-b.....rain-bow
S.....south
sc.....scattered
sh.....sheet
st .....stratus
th.....thunder
thi.....thick
v.....very
viv....vivid
W .....west

REMARKS ON THE WEATHER FOR THE MONTH OF SEPTEMBER 1859

Date	Göttingen Mean Time NOON	Cloudy sky in 8ths	2	Cloudy sky in 8ths	4	Cloudy sky in 8ths	6	Cloudy sky in 8ths	8	Cloudy sky in 8ths	10	Cloudy sky in 8ths
1	uy-ovt	7	ny-ovt	7	cu, hz	5	cu, d-cr-hz, R ...	7	ovt	8	cu, cr-hz, cr-st ...	4
2	cu, cu-st, hz, nim, lt-R..	6	cu, cu-st, hz ...	5	cu, cu-st, hz, lg-NE.	5	cu, cr-hz	4	cu, cr-hz	5	cu, cr-hz	6
3	cu-st, cr-st, hz ...	3	cu, cu-st, cr-cu,cr-st.	6	ny-ovt	7	ovt	8	ovt	8	... ...	...
4	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cu, cr-hz	2
5	ny-ovt, r-h ...	7	ovt, lt-R, th ...	8	ny-ovt, fr-lg, th ...	7	ovt, lg-SE	8	ovt, sh-lg-E ...	8	ovt, sh-lg-N, lt-R ...	8
6	ny-ovt	7	ny-ovt, lt-R ...	7	uy-ovt, lt-R ...	7	cu, cr-hz	6	cu, cr-st, cr-hz ...	4	cu, cr-hz-hor ...	3
7	cu-st, cr-st, hz ...	6	cu, cr-st, hz ...	6	cu, cr-st, hz ...	6	cu, cr-cu, cr-hz ...	7	cu, cr-cu, cr-hz ...	4	cu, cr-cu, cr-hz ...	3
8	cu-st, cr-st, r-b ...	6	cu, cr-st, lt-R ...	4	cu, cr-st, hz ...	5	cu, cr-st, cr-hz ...	6	cu, cr-st, cr-hz ...	6	cu, cr-st, cr-hz ...	4
9	cu, cu-st, cr-st ...	6	cu, cr-st	5	hy-cu-st, cr-st, hz ...	6	cu, cu-st	4	cu, cu-st, hz ...	4	d-cr-hz, cr-st ...	7
10	cu-st, cr-st, hz ...	6	cu, cr-st	4	cu, cr-st, hz ...	5	cu, cr-st, hz ...	6	cu, cu-st, cr-hz, lt-R	7	... ...	...
11	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cr-hz, cr-st	6
12	cu-st, cr-st, hz ...	4	cu, cr-st, lg-NW ...	4	cu, cr-st, lg-SW ...	3	cu, cr-st, cr-hz ...	2	cu, cr-st, cr-hz ...	6	cr-hz, cr-st	3
13	cu-st, cr-st, hz ...	3	cu, cr-st	2	cu, hz	2	ny-clear	0	fl-cu, cr-hz	6	fl-cu, cr-hz	6
14	ovt, R, lg-th-SW ...	8	cu, cr-st	5	cu, cr-hz	6	ovt, R	8	ovt	8	ovt, R	8
15	cu, cr-st, hz ...	3	ny-ovt, th, lg, lt-R...	7	ovt, lg-s, R... ...	8	cr-cu, cr-st, cr-hz ...	6	cr-cu, cr-st, cr-hz ...	7	cr-cu, cr-st, cr-hz ...	7
16	ny-ovt, lg, th-NE ...	7	cu-st, cr-st, hz, nim, lg-W ...	6	cu, cu-st, cr-hz ...	5	cu, cr-cu, cr-hz ...	6	cu, cr-st, cr-hz ...	6	cu, cr-st, cr-hz ...	7
17	cu, cr-st, hz ...	4	cu-cr-st, hz... ...	4	cu, hz	2	cr-st, cr-hz... ...	3	cr-cu, cr-hz... ...	6	... ...	...
18	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cu, hz	3
19	cu-st, cr-st, hz ...	3	cu-st, cr-st, hz, lg, N	3	cu-st, cr-st, hz, lg-N.	2	ou, cr, cr-hz ...	3	cu, cr-cu, cr-hz ...	6	ovt	8
20	cu-st, cr-st, th-NW..	6	cu, cr-st	2	cu	2	cr-st, cr-hz	3	cu, cr-hz	6	cu, cr-hz	6
21	cu, cr-st, hz ...	3	cu-st, cr-st, hz, lg-W	2	cu-st, lg-NW ...	1	cu, cr-hz	2	cu, cr-hz	3	cu, cr-hz	3
22	cu, cu-st, hz ...	2	cu	2	cu	2	cu, cr-hz	3	cu, cr-hz	3	cu, cr-hz	5
23	cu, cr-st, hz ...	2	cu-st, cr-st, hz ...	2	cu, cr-st, hz ...	3	cu, cr-hz	4	cu, cr-hz	4	cu, cr-hz	2
24	cu, cr-st, hz ...	3	cu-st, hz, lg-NW ...	2	cu, lg-NW	1	ny-clear	0	cu, cr-hz	3	... ...	...
25	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cu, cu-st, nim, R ...	4
26	cu, cu-st, cr-hz ...	2	cu, cu-st, cr-hz ...	2	cu, cu-st, cr-hz, nim.	7	cu, cu-st, cr-hz, nim.	4	cu, cr-hz, nim ...	6	ovt, R	8
27	cu-st, cr-st, hz ...	6	cu, cr-st, hz ...	4	cu, hz	5	cu, cr-hz	3	ovt, R	8	ovt	8
28	ny-ovt	7	ovt	8	ovt	8	ovt	8	ovt	8	cu, cr-cu, cr-hz ...	6
29	ny-ovt	7	cr-cu, cr-st, hz ...	6	cu, cr-hz	6	cu, cr, cr-hz ...	5	ovt	8	cr-cu, cr-hz, cr-st ...	3
30	hy-cu, cr-st, nim, th-SE	7	cu, cu-st, nim, lg-SW.	7	cu, cu-st, nim, lg, th	6	ny-ovt	7	ovt, lt-R	8	ovt	8
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REMARKS ON THE WEATHER FOR THE MONTH OF OCTOBER 1859

1	hy-cu, cr-st, nim, th-W, lt-R ...	7	ovt, lg, th	8	ovt	8	cu, cu-st, cr-hz ...	4	cu, cu-st, cr-hz ...	5	... ...	...
2	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cu, cr-hz	2
3	cu, cr-st, hz ...	5	cu, cr-st, hz ...	5	cu, cr-st, hz ...	5	cu, cr-st, hz, lg, ...	4	ou, cu-st, cr-hz ...	4	cu, cr, cr-hz ...	5
4	cu-st, hz, nim, th-N.	7	ovt, R, nim-lg, th ...	8	ovt, R, lg, th ...	8	ovt, fr-lg	8	ovt	8	ovt	8
5	ny-ovt, r-b, R ...	7	cu-st, cr-st, hz, lg-SW..	6	ny-ovt, lg, th-W ...	7	ovt, sh-lg-S ...	8	ny-ovt	7	cu, cr-hz	5
6	cu, cu-st, cr-cu, nim	6	ovt, lg-SW	8	cu, cu-st, cr-st, cr-cu, lg-W ...	4	ovt, lg	8	ovt	8	cr, cr-st, cr-cu ...	3
7	cu-st, cr-cu, cr-st, hz	6	cu, cr-cu, cr-st, hz...	6	cu, cr-st, hz ...	5	cu, cr-cu, cr ...	4	cu, cr-cu, cr ...	4	cu, cr-cu, cr ...	5
8	ou-st, cr-st, hz ...	5	cu, cr-st, hz ...	2	cu, cr-st, hz ...	3	cr-cu, cr-hz ...	4	cu, cr-st, cr-hz ...	5	... ...	...
9	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cu, cu-st, cr-cu, cr-hz...	7
10	cu-st, cr-st, hz ...	6	ny-ovt	7	cu, cu-st, cr-hz ...	6	ovt	8	cr cu, cr-st, hz ...	5	ovt	8
11	cu-st, cr-st, hz ...	6	cu-st, cr-st, hz ...	3	ovt	8	cr, cr-cu, hz ...	4	cr, cr-st, cr-hz ...	7	cu, cr, cr-hz ...	3
12	cu-st, cr-st, r-b ..	4	ny-clear	1	clear	0	ny-clear	0	ny-clear	0	clear	0
13	cu, cr-cu, cr-st, hz...	7	ny-ovt	7	cu, cr-cu, cr-st ...	7	cu, cr-cu, cr-st ...	6	cu, cr-st, cr-hz ...	4	cr, cr-st, cr-hz ...	3
14	cu, cr-cu, cr-st, hz...	6	ny-clear	0	cu, cr-cu, cr-hz ...	3	cu, cr-cu, cr-hz ...	3	cr, cr-st, cr-cu ...	3	cr-cu, cr-hz ...	4
15	cu-st, cr-st, hz ...	6	ny-ovt, lg-S ...	7	ovt	8	cu, cr-st, cr-hz ...	3	cu, cr-st, cr-hz ...	3	... ...	...
16	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	ny-clear	0
17	cu-st, cr-st, hz ...	4	cu, hz	3	cr-st, hz	3	cr-st, hz	4	cu, cr-st, cr-hz ...	4	cr st, cr-hz... ...	3
18	cu-st, cr-st, hz ...	3	ny-clear	0	ny-clear	0	ny-clear	0	ny-clear, D... ...	0	cr-cu, hz	5
19	cu-st, cr-st, hz ...	3	cr-st, hz	3	cr-st, hz	3	cr-st, hz	2	cr-st, cr-hz	2	cr-cu, cr-hz ...	3
20	cu, cr, cr-hz, cr-st...	5	clear	0	clear	0	clear	0	ny-clear	0	ny-clear	0
21	cu, cr-st, cr-cu, hz...	4	cr-st, hz	1	cr-st, hz	1	cr-cu, cr-hz... ...	3	cr-cu, cr-hz... ...	3	cr-cu, cr-hz... ...	6
22	cu, cr-st, hz ...	4	cu, cr-st, hz ...	3	cu, cr-cu, hz ...	5	cu, cr-cu, hz ...	3	ou, cr-cu, hz ...	4	... ...	...
23	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	clear	0
24	cu-st, cr-st, hz ...	2	cr-st, hz	1	ny-clear	0	cr-st, hz	1	cr-st, cr-hz	2	clear	0
25	ny-clear	0	cu, cr-hz	3	cu-hor	1	clear	0	clear	0	cu, cr-st, cr-hz ...	4
26	cu, cr-cu, cr-st, hz...	7	ny-ovt	7	ny-out	7	cu, cr-st, hz ...	5	cu, cr-st, cr-hz ...	4	cu, cr-hz	3
27	ny-ovt	7	cu, cu-st, cr-hz ...	6	ny-ovt	7	cu, cr-cu, cr-hz ...	5	cu, cr-st, cr-hz ...	6	ovt	8
28	ovt, R, th	8	ovt, R, lg, th ...	8	cu, cr-hz	6	cu, cu-st, cr-hz, lg-R	6	cu, cr-cu, cr-hz ...	8	ovt, R	8
29	cu, cr-st, hz ...	5	cu, cu-st, cr-hz ...	4	cu, cu-st, cr-hz ...	3	cu, cu-st, cr-hz ...	3	cu, cu-st, cr-hz ...	3	... ...	...
	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	ovt, R	8
	cu, cu-st, nim ...	7	cu-st, nim	7	ovt	8	ny-ovt	7	ny-ovt	7	ovt	8

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE

ard...around
cld...clouds or cloudy
cr or ci. cirri or cirro or cirrous
cu...cumuli or cumulo
D...dew
d...dense
dis...distant
dt...detached
E...east
fg...fog
fk...forked
fl...flying
fr...frequent
g...ground
hy...heavy
hl...halo
hor...horizon
hz...haze or hazy
ld...loud
lg...lightning
lt...light
mt...meteor
N...north
nim..nimbi
ny...nearly
ov...overhead
ovt...overcast
ps...peals
pt...part or partly or partial
R...rain
r-b...rain-bow
S...south
sc...scattered
sh...sheet
st...stratus
th...thunder
thi...thick
v...very
viv...vivid
W...west

REMARKS ON THE WEATHER FOR THE MONTH OF SEPTEMBER 1859

Date	12	Cloudy sky in 8ths	14	Cloudy sky in 8ths	16	Cloudy sky in 8ths	18	Cloudy sky in 8ths	20	Cloudy sky in 8ths	22	Cloudy sky in 8ths	Thermometers: Radiation Sol.	Radiation Ter.	Air Max.	Air Min.
1	cu, cr-hz, cr-st..	3	cr-cu, cr-st, cr-hz.	5	d-cr-hz, cr-cu ...	7	d-cr-hz, cr-cu ...	6	d-cr-hz, cr-cu ...	6	cu-st, cr-st, hz ...	5	126·6	—	95·1	78·2
2	cu, cr-hz ...	5	d-cr-hz, cu ...	6	cu, cr-st, cr-hz .	5	cu, cr-st, cr-hz ...	5	cu, cr-st, cr-hz ...	5	hy-cu, cu-st, cr-hz.	6	121·7	—	95·5	78·5
3	... ...	...	... .	...	... ...	...	... ...	...	... ...	...	... ...	...	123·3	—	95·5	78·0
4	cu, cr-hz ...	2	cr-cu. hz ...	1	cr-cu, hz ...	2	ny-clear	0	cr, cr-hz, cu ...	4	cr, cr-hz, cu ...	6	125·5	—	96 9	79·2
5	ovt, lt-R ...	8	ovt	8	ovt.	8	cu, cr-cu, cr-hz ...	6	cu, cr-cu, cr-hz ...	6	cu, cu-st, cr-st, nim, lt-R ...	7	125·4	—	95·6	79·8
6	cu, cr-hz-hor....	3	cr-cu, cr-hz ...	5	cr-cu, cr-hz ...	3	cr-cu, cr-hz ...	2	cu, cr-st, cr-hz ...	4	cu, cu-st, cr-st ...	5	137·6	—	98·4	81·3
7	cu, hz	3	cu, hz	2	cu, cr-st, cr-hz ...	4	cu, cr-st, cr-hz ...	3	cu, cr-st, cr-hz ...	3	cu, cu-st, hz ...	3	138·5	—	97·3	80·1
8	d-cr-hz, cr-cu...	6	cr, cr-st, cr-hz ..	6	cu, cr, cr-st, cr-hz.	5	cu, cr, cr-st, cr-hz	4	cu, cr, cr-st, cr-hz.	4	cu, cu-st, cr-st ...	4	137·2	—	93·7	80·3
9	d-cr-hz, cr-st ...	7	cr-cu, cr-hz ...	7	cu, cr-st, cr-hz ...	5	cu, cr-st, cr-hz ...	5	cu, cu-st, cr-hz ...	6	cu, cu-st, cr-hz ...	6	135·7	—	95·9	80·9
10	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	137·0	—	92·4	77·4
11	cr-hz, cr-st ...	6	cu, cr-cu, cr-hz.	6	cu, cr-cu, cr-hz ...	4	cu, cr-cu, cr-hz ...	5	cu, cu-st, cr-hz ...	6	cu, cu-st, cr-hz ...	6	114·3	—	88·7	80·7
12	cr-hz, cr-st ...	2	cr-cu, cr-hz ...	3	cr-hz	1	cu, cu-st, cr-hz ...	3	cu, cu-st, cr-hz ...	4	cu, cu-st, cr-hz ...	3	133·3	—	95·7	78·2
13	cu, cr-cu, cr-hz, sh-lg, NE	5	ovt	8	cu, cr-st, cr-hz ...	6	cu, cr-st, cr-hz ...	5	cu, cr-st, cr-hz ...	6	cu, cu-st, cr-hz ...	6	140·4	—	96·5	78·1
14	ovt, R, th ...	8	ovt	8	ny-ovt	7	cu, cu-st, cr-hz ...	6	cu, cu-st, cr-hz ...	5	cu, cu-st, cr-st ...	4	134·5	—	92·6	74·6
15	cr-cu, cr-hz ...	7	ovt	8	cu, cr-cu, cr-hz ...	5	cu, cr-cu, cr-hz ...	5	cu, cu-st, cr-hz ...	5	cu, cu st, cr-hz ...	5	140·5	—	93·7	75·3
16	cr-cu, cr-hz, cr.	6	cr-cu, cr-hz, cr..	6	cr-cu, cr-hz, cr ..	6	cr-cu, cr-hz, cr ...	5	cu, cr-cu, cr-hz ...	5	eu, cr-st, d-hz ...	5	143·3	—	93·5	78·8
17	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	135·5	—	91·1	80·1
18	cr-cu, cr-hz ...	5	cr-cu, cu, cr-hz..	4	cr-cu, cu, cr-hz ...	3	cr-cu, cu, cr-hz ...	3	cu, cu-st, cr-hz ...	3	cu-st, cr-st, hz ...	3	127·9	—	91·2	79·0
19	ovt, lg, th, lt-R..	8	cu, cr-cu, cr-hz.	6	cu, cr-hz	4	cu, cu-st, cr-hz ...	5	cu, cu-st, cr-hz ...	4	cu-st, cr-st, hz ...	5	124·7	—	95·3	76·6
20	cu, cu-st, cr-hz, sh-lg, NE	7	cu, cr-hz ...	4	cu, cr-cu, cr-hz ...	3	cu, cr-cu, cr-hz ...	3	cu, cr-st, cr-hz ...	3	cu-st, cr-st, hz ...	3	124·6	—	89·7	79·7
21	cu	3	cu, cr-hz ...	2	cu, cr-hz	3	cu, cr-hz	2	cu, cu-st, hz ..	2	cu, cu-st, hz ...	2	122·4	—	90·1	77·1
22	cu-hor	1	cr-cu, hz ...	2	cu, cu-st, cr-hz ...	5	cu, cu-st, cr-hz ...	4	cu, cu-st, cr-hz ...	3	cu, cr-st, hz ...	2	126·9	—	89·4	78·0
23	cu, cr-hz, cr-st..	3	cr-cu,cr-hz,cr-st	5	cr-cu, cr-hz, cr-st.	4	cu, cu-st, cr-hz ...	4	cu, cu-st, cr-hz ...	5	cu-st, cr-st, hz ...	4	121·6	—	90·5	78·8
24	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	129·2	—	90·1	78·7
25	cu, cu-st, nim ...	5	cu, cu-st, nim...	7	ny-ovt	7	cu, cu-st, cr-hz ...	5	cu, cu-st, or-hz ...	6	cu, cr-st, cr-hz ...	4	123·5	—	87·7	78·9
26	ny-ovt	7	cu, cr-hz, nim...	7	ny-ovt	7	ovt, lt-R ...	8	ovt, lt-R ...	8	ovt	8	ovt.	—	85·7	77·8
27	ovt, R	8	ovt, R	8	ovt, R, th ...	8	ovt, R	8	ovt	8	ovt	8	ovt.	—	82·8	74·3
28	ovt, lt-R ...	8	ovt	8	ovt, R	8	ovt	8	ovt	8	ovt	8	ovt.	—	79·6	75·1
29	cr-hz, cr-cu ...	2	cr-cu, cr, cr-st ..	5	cr-cu, cr, cr-st ...	6	cu, cu-st, cr-hz ...	5	cu, cu-st, cr-hz ...	6	cu, cu-st, cr-cu, cr-st, hz ...	5	118·3	—	85·9	73·9
30	ovt	8	ovt, R... ...	8	ovt	8	ovt	8	cu, cr-cu, hz ...	6	cu, cu-st, cr-hz ...	6	115·6	—	89·5	76·1

REMARKS ON THE WEATHER FOR THE MONTH OF OCTOBER 1859

1	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	117·7	—	90·5	76·9
2	cu, cr-hz	4	ovt ... ...[hz	8	ovt	8	cu, cr-cu, cr-hz ...	7	cu, cr-hz ...	4	cu, cr-hz ...[nim.	4	102·9	—	90·7	77·1
3	cu, cr-cu, cr-hz.	6	cr-cu, cr, cr-st, cr-	5	cr-st, cr-hz , ...	3	cr-st, cr-hz ...	3	cu, cr-hz ...	6	cu, cu-st, cr-st, hz,	6	128·6	—	93·5	77·3
4	ovt	8	cu, cr, cr-st, hz.	6	cr-cu, cr, cr-hz ...	6	cu, cr-hz	3	fl-cu, cr-hz ...	3	cu-st, cr st, hz ...	5	133·5	—	92·0	78·0
5	ovt	8	ovt	8	cu, cr cu	7	cr, cr-cu, cr-hz ...	3	cr, cr-st, cr-hz ...	6	cu-st, cr-cu ...	7	126·4	—	91·6	77·9
6	cu, cr, cr-hz ...	3	cu, cr-cu, cr-hz.	3	cr-cu, hz	1	cr-cu, hz	2	cr-cu, hz ...	2	cu, cu st	2	133·9	—	93·5	76·6
7	cu, cr, cr-hz	4	cr-cu, cr-hz ...	3	clear	0	ny-clear	0	cu-hor	1	cu, cu-st	2	140·4	—	94·4	78·3
8	... ...	...	... ... [hz	...	... ...	...	... ...	...	... ...	...	... ...	...	143·2	—	93·9	76·8
9	cu, cu-st, cr-cu, cr-hz, nim.	7	cu, cu-st, cr-cu, cr-	7	cr-cu, cr-hz ...	8	cr-cu, cr-hz ...	6	cu, cr-cu, cr-hz ...	6	ny-ovt, R ...	7	137·4	—	91·7	77·0
10	cu, cr-cu, cr-hz.	4	cu, cr-cu, cr-hz.	3	ny-clear	0	cu-hor	1	cu-hor	2	cu, cu-st	5	144·4	—	91·1	76·0
11	cu, cr, cr-hz ...	3	cu, cr, cr-hz ...	2	cu, cr, hz ...	2	cu, cu-st	2	fl-cu	3	cu, cu-st	4	143·3	—	91·2	76·1
12	clear	0	cu, hz	2	ny-olear	0	sc-cu	1	fl-cu, cu-st ...	5	cu, cu-st, nim ...	6	139·6	—	90·6	77·1
13	cr-cu,cr-st,cr-hz	4	ovt, R	8	ovt	8	ovt	8	cu, cr-cu, cr-hz ...	8	cu, cr-cu, cr-hz ...	6	121·4	—	88·3	76·2
14	cr-cu, cr-hz ...	3	cr-cu,cr-st,cr-hz.	2	clear	0	clear	0	cu, hz	2	ny-ovt, R ...	7	133·5	—	90·7	76·2
15	... ...	...	.. ..	...	... ...	...	... ...	...	... ...	...	... ...	...	142·5	—	91·9	77·0
16	ny-clear ...	0	cr-cu, hz ...	2	clear	0	cu, cr, cr-st, cr-hz	4	cu, cr-hz	3	cu, cr-st, hz ...	5	145·2	—	91·6	77·0
17	cr-st, cr-hz ...	3	cu, cr-st, hz ...	4	cu, cr-st, hz ...	3	cr-cu, cr-hz ...	1	fl-cu, hz	1	cu-st, cr-st, hz ...	2	144·3	—	90·9	74·9
18	cr-cu, hz . ..	4	cr, cr-cu ...	1	cr, cr-hz	3	cr, cr-hz	3	cu, cr, cr-hz ...	3	cu-st, cr-st, hz ...	4	143·8	—	91·8	74·3
19	cr-cu, cr-hz ...	4	cr-cu, cr-hz ...	4	cu, cu-st, cr-hz ..	3	cu, cu-st, cr-hz ...	3	cu, cu-st, cr-hz ...	4	cu, cr-st, cr-hz ...	5	138·1	—	90·3	75·0
20	clear	0	cr-cu, cr-hz ...	2	clear	0	sc-cu	1	cu, hz	1	cu-st, cr-st, hz ...	3	129·4	—	90·2	74·2
21	cr-cu, cr-hz ...	6	ovt	8	cr, cr-cu, hz ...	6	cu, cr-st	1	cu, cr-st	1	cu-st, cr-st, hz ...	3	119 9	—	89·9	76·6
22	.. ..	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	142 5	—	89·5	76·0
23	clear, D ...	0	clear	0	clear	0	cr-cu, hz-SE ...	1	fl-cu	2	cu, cr-cu, hz ...	4	145·2	—	89·3	72·2
24	clear, D ...	0	clear	0	clear	0	cu	2	fl-cu, nim ...	3	cu-hor	2	142·0	—	87·3	71·3
25	cu, cr-st, cr-hz..	5	cu, cr-cu, cr-hz.	3	cr-cu	2	cu, cr-cu, cr-hz ...	6	ovt	8	cu, cr-cu, cr-hz ...	7	123·5	—	86·3	75·0
26	cu, cr-cu, hz ...	5	ovt	8	cu, cr cu, cr-hz ...	6	cr-cu,cu, cr-hz ...	6	cr cu, cu, cr-hz ...	7	ny-ovt ...[lt-R	7	129·7	—	88·4	77·1
27	cu, cr-st, cr-hz..	6	cu, cr-hz, nim...	7	cu, cr-st	6	cu, cu-st, nim ...	7	ovt	8	cu, cu-st, cr-st, nim,	6	135·7	—	85·2	75·8
28	ovt, lt-R ...	8	ovt	8	ovt	8	cu,cr-cu,cr-hz,nim	8	cu, cr-hz	7	cu, cr cu, cr, cr-hz	6	105·4	—	81·6	73·1
29	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	109·1	—	80·1	73·5
30	cu, cr-st, cr-hz..	6	cu, cr-hz ...	6	fl-cu, nim ...	6	ovt	8	ovt, R	8	cu, cu-st, nim ...	7	ovt.	—	83·5	73·8
31	ovt	8	ny-ovt... ...	7	ny-ovt	7	ovt, R, th-S ...	8	ovt, R, ld-th ...	8	ovt, R, ld-th ...	8	ovt.	—	81·0	74·6

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE.

arl....around
cld....clouds or cloudy
cr or ci. cirri or cirro or cirrous
cu....cumuli or cumulo
D ....dew
d.....dense
dis....distant
dt.....detached
E.....east
fg.....fog
fk....forked
fl.....flying
fr.....frequent
g.....ground
hy.....heavy
hl....halo
hor . . horizon
hz ...haze or hazy
ld...loud
lg....lightning
lt.....light
mt....meteor
N. ...north
nim..nimbi
ny....nearly
ov....overhead
ovt...overcast
ps....peals
pt....part or partly or partial
R.....rain
r-b...rain-bow
S.....south
sc...scattered
sh...sheet
st....stratus
th....thunder
thi...thick
v .....very
viv...vivid
W.....west

REMARKS ON THE WEATHER FOR THE MONTH OF NOVEMBER 1859

Date	Göttingen Mean Time NOON	Cloudy sky in 8ths	2	Cloudy sky in 8ths	4	Cloudy sky in 8ths	6	Cloudy sky in 8ths	8	Cloudy sky in 8ths	10	Cloudy sky in 8ths
1	ovt	8	ovt	8	cu-st, cu, hz ...	6	cu, cu-st, cr-hz ...	6	ovt	8	ovt	8
2	cu-st, cr-cu, cr-st, hz	7	cu, cr-st, hz ...	3	fl-cu, cr-hz	5	fl-cu, cr-hz	5	cu, cu-st, cr-hz ...	3	cu, cr, cr-hz ...	4
3	cu, cu-st, cr-st ...	7	cu,cr-cu,cr-st, hz,hl-	4	cu, cr-cu, cr-st, hz...	6	cu, cr-cu, cr-st, hz ...	5	cu, cu-st, cr-hz ...	6	cu, cu-st, cr-hz ...	5
4	ovt	8	cu, cr-st, d-hz, hl-☽..	6	cu, cr-st, d-hz ...	6	cu, cr-cu, cr-hz	5	cu, cu-st, cr-hz ...	6	cu, hz	3
5	ny-ovt	7	ny-ovt	7	ovt	8	ovt	8	.. ..	...	... ...	...
6	... ...	...	... ...	...	... ...	...	... ...	...	cu, cr-st	4	cu, cr-hz	3
7	cu, cu-st, cr-st ...	5	cu, hz	4	cu, cu-st, hz, lt-R ...	7	cu, cu-st, hz ...	6	cu, cu-st, cr-st, hz...	6	ovt, R	8
8	cu, cr-st, hz, lt-R ...	7	ovt, R	8	ovt	8	ovt	8	cr-st, cr-hz	6	ny-ovt	7
9	cu, cu-st, cr-st ...	5	fl-cu, cr-st, hz ...	5	cu, cu-st, cr-st ...	6	cu, cu-st, cr-st ...	4	fl-cu, cu-st	3	fl-cu...	2
10	cu-st, cr-st, hz ...	4	hy-cu, cu-st, hz ...	5	hy-cu, cu-st, hz ...	5	hy-cu, cu-st, hz ...	4	fl-cu, nim, R ...	7	cu, cu-st	3
11	cu, cu-st, nim ...	6	hy-cu, hz, nim ...	7	ovt, R	8	ovt, lt-R	8	ovt, lt-R	8	ovt	8
12	ovt	8	cu, cu-st, nim ...	6	cu, cu-st, nim ...	7	cu, cu-st, nim ...	7	... ...	...	... ...	...
13	... ...	...	... ...	...	... ...	...	... ...	...	ovt	8	ovt	0
14	cu, cu-st, hz ...	3	fl-cu, cr-st	3	cu-st, cr-st	3	cu, cu-st, cr-hz ...	4	cr-hz, cr-st	3	cu, cu-st, cr-hz ...	5
15	cu, cr-st, hz ...	3	cu, cr-st, hz ...	2	cu, cr-st, hz ...	4	cu, cr-st, hz ...	4	cu, cu-st, cr-hz ...	6	cu, cu-st, cr-hz ..	5
16	ny-ovt	7	ovt	8	ovt	8	ovt	8	ovt, lt-R	8	ovt, R	8
17	ovt, R	8	ovt, R	8	ovt	8	ovt	8	ovt	8	ovt	8
18	ovt, R	8	ovt, R, lg-S ...	8	ovt	8	ovt	8	ovt	8	ovt, R	8
19	cu, cr-st, hz ...	5	cu, cr-st, hz ...	2	cu, cu-st, hz ...	3	cu, cu-st, cr-hz ...	4	... ...	...	... ...	...
20	... ...	...	... ...	...	... ...	...	... ...	...	clear	0	cu, d-hz	3
21	ovt	8	ovt, lt-R	8	ovt, R	8	ovt, R	8	ovt, R	8	ovt, R, sh-lg-N ...	8
22	ovt, lt-R	8	ovt	8	ovt	8	ovt	8	ovt, R	8	ovt	8
23	ovt, lt-R	8	ovt, R	8	ovt	8	ovt, lt-R	8	ovt, R	8	ovt	8
24	cu, cr-st, hz... ...	6	cu, cu-st, hz ...	7	ovt	8	ovt	8	ovt	8	ovt	8
25	ovt	8	ovt	8	cu, cu-st, hz ...	5	ovt	8	ny-ovt	7	ovt	8
26	ovt, R	8	ovt, R	8	ovt, R	8	ovt, R	8	... ...	...	... ...	...
27	... ...	...	... .	...	... .	...	... ...	...	ovt, R	8	ovt	8
28	ovt	8	ovt	8	cu, hz, sh-lg-NE ...	5	cu, cu-st, d-hz ...	6	cu, cr-cu, cr-hz ...	6	ovt	8
29	cu-st, cr-st,hz ...	3	cu, hz	1	cu,cr-st,hz,sh-lg-SE.	2	cu, cr, cr-hz, lg-W...	2	cu, cr-hz	3	ovt, R	8
30	cu, cu-st, cr-hz,nim,lt-R	7	cu, cr-st, hz, sh-lg-S.	3	cu, cr-cu, cr-st, hz...	4	cu, cu-st, cr-hz ...	5	cu, hz	3	cu, nim, sh-lg-NE...	4

REMARKS ON THE WEATHER FOR THE MONTH OF DECEMBER 1859

1	cu, cu-st, cr-st ...	5	cu, cr-cu, cr-st,hz, sh-lg, [NE	4	ny-ovt	7	cu, cu-st, cr-hz, lg...	5	cu, hz	2	cu, cu-st, hz ...	3
2	cu, cr-st, hz ...	2	cu, cr-st, hz... ...	2	cu-hor, sh-lg-S ...	1	cu, cr, cr-hz-hor ...	2	ny-clear	0	ny-clear	0
3	cu, cr-st, hz ...	2	cu, cr-st, hz... ...	2	cu, cr-st, hz ...	4	cu, cr-st, hz ...	5	... ...	...	... ...	...
4	... ...	...	... ...	...	... ...	..	... ...	...	cr-st, cr-hz	4	cr, cr-st, cr-hz ...	3
5	cr-st, hz	1	clear	0	clear	0	cr-hz	1	clear, D	0	clear, D	0
6	fl-cu, cr-st, hz ...	4	cu, hz	2	cu, hz	1	ny-clear	0	clear, D	0	cu, cr, cr-hz, D ...	3
7	clear	0	clear	0	clear	0	clear	0	sc-cu	2	sc-cu	1
8	cr-st, cr-hz	3	cu, cr-cu, cr-st, hz...	3	cu, cr-cu, cr-st, hz...	5	cu, cr-cu, cr, cr-hz...	6	cr, cr-st, cr-hz ...	4	cu, cr-st, hz ...	4
9	cu, cr-st, hz ...	2	cr, cr-st	1	ny-clear	0	cu	2	cu, cu-st	5	cu, cu-st	6
10	cu, cu-st, hz, nim ...	6	ny-ovt, lg-NW ...	7	ny-ovt	7	ca, cu-st, cr-hz ...	7	... ...	...	... ...	...
11	... ...	...	... ...	...	... ...	...	... ...	...	cu, cu-st, cr-hz ...	5	cu, cr-hz	3
12	cu, cr-st, hz ...	2	fl-cu...	2	fl-cu	2	cu, cu-st, hz-nim ...	5	cu, cu-st, hz ...	4	cu, cr-cu, cr-hz ...	4
13	cu	1	clear	0	clear	0	cu	2	cu, cr-hz	3	cu, cr-hz	2
14	cu, cr-st, hz ...	3	cu	1	cu	3	cu	2	cu, cr-hz	3	cu, cr	2
15	cu, cr-st, hz ...	2	cu	2	cu	3	cu	2	cu, cu-st, cr-hz ...	5	cu, cr-hz	3
16	fl-cu, cr-st, hz ...	4	cu, hz	3	fl-cu	3	cu, cu-st, cr-hz ...	3	cu, cr-hz, nim ...	6	ny-ovt	7
17	fl-cu, cr-cu, cr-st, hz.	6	cu, hz	6	cu, hz	6	cu, cu-st, cr-hz ...	3	... ...	...	... ...	...
18	... ...	...	... ...	...	... ...	...	... ...	..	cu, d-cr-hz	6	cu, cr-hz	6
19	cu, cr-st, hz ...	2	cu, cr-st, hz ...	1	ny-clear	0	cu, cr, cr-hz ...	1	ny-clear	0	cu, D	1
20	cu, cr-st	2	ny-clear	0	cu, cu-st, hz ...	1	cu, cr, cr-hz ...	2	clear	0	clear	0
21	cu	1	ny-clear	0	ny-clear	0	cu	2	cu	1	cu, cr-hz	2
22	cu, cr-hz	4	sc-cu	1	cu-st, hz	3	cu, cu-st	2	cu, cu-st	2	cu	1
23	cu, cu-st, hz ...	4	cu, cu-st, hz ...	2	cu, cu-st, hz ...	3	cu, cr-hz	3	cu, cr-hz, cr ...	3	cu, cr-hz, cr ...	4
24	fl-cu, cr-st, hz ...	3	sc-cu, cr-st... ...	2	cu	1	cu	2	... ...	..	... ...	...
25	... ...	...	... ...	...	... ...	...	... ...	...	cu-hor	2	fl-cu, cu-st	3
26	cu, cu-st, cr-hz ...	7	fl-cu	3	fl-cu, ...	1	sc-cu	2	cu, cr, cr-hz ...	3	cu, cr-hz	2
27	cu, cu-st, cr-st, hz...	4	cu, hz	2	ny-clear	0	ny-clear	0	cu, cr. cr-hz ...	2	cu, hz, D	1
28	cu, cu-st, cr-st, hz...	4	cu, cu-st, cr-st, hz ...	3	cu, cr-st, hz ...	2	sc-cu, hz	2	ca, cr-hz	3	clear	0
29	cu, cu-st, hz ...	4	cu, cr-st	2	cu, hz	2	cu, hz	2	ny-clear	0	clear, D	0
30	sc-cu, cr-st, hz ...	3	cu, hz	2	cu	1	cu-hor	1	cu-hor	1	clear, D	0

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE

ard ..around
cld ..clouds or cloudy
cr or ci..cirri or cirro or cirrous
cu ....cumuli or cumulo
D ....dew
d .....dense
dis ..distant
dt ....detached
E.....east
fg ....fog
fk ....forked
fl .....flying
fr ....frequent
g .....ground
hy ...heavy
hl ....halo
hor...horizon
hz ...haze or hazy
ld ...loud
lg ....lightning
lt.....light
mt ...meteor
N. ...north
nim..nimbi
ny....nearly
ov ....overhead
ovt....overcast
ps ....peals
pt ....part or partly or partial
R. ...rain
r-b...rain-bow
S .....south
sc....scattered
sh ....sheet
st .....stratus
th ....thunder
thi ...thick
v .....very
viv ...vivid
W ....west

REMARKS ON THE WEATHER FOR THE MONTH OF NOVEMBER 1859

Date	12	Cloudy sky in 8ths	14	Cloudy sky in 8ths	16	Cloudy sky in 8ths	18	Cloudy sky in 8ths	20	Cloudy sky in 8ths	22	Cloudy sky in 8ths	Thermometers: Radiation Sol.	Radiation Ter.	Air Max.	Air Min.
1	ovt	8	ovt	8	ovt	8	ovt	8	ovt	8	cu, cr-cu, cr-st, d-hz.	7	ovt.	—	82·1	73.5
2	cu, cr, cr-hz ...	4	cu, cr-cu, cr-hz.	6	cu, cr-cu, cr-hz ...	4	fl-cu, cu-st, cr-hz.	5	fl-cu, cu-st, cr-hz.	6	cu, cu-st, cr-st, nim.	7	136·3	—	83·7	72·3
3	ovt	8	cu, cr-cu, cr-hz.	7	cu, cr-cu, cr-hz ...	8	ovt	8	ovt	8	ovt	8	101·3	—	81·2	73·6
4	cu	1	cu, cr, cr-hz ...	5	cu, cr, cr-hz ...	6	ny-ovt	7	cu, cr, d-cr-hz ...	7	cu, cu-st, cr-st, hz	6	116·5	—	82·8	73·1
5	... ...	...	... ...	...	... ...	...	... .	...	... ...	...	... ...	...	130·1	—	85·0	77·3
6	ny-clear ...	0	cr, cr-st ...	3	fl-cu, hz . .	3	fl-cu, cu-st ..	4	fl-cu, cu-st, cr-hz.	6	fl-cu, cu-st, cr-hz.	3	127·5	—	84·0	73·2
7	cu, cu-st, nim...	4	cu, cr, cr-st ...	6	cu, cu-st, cr-hz ...	5	fl-cu, cu-st ...	5	cu, cu-st, nim, lt-R..	7	ny-ovt	7	125·5	—	85·4	78·3
8	ovt, R	8	cu,cu-st,cr-hz,nim.	7	cu, cu-st, cr-st ...	6	fl-cu, cu-st ...	6	fl-cu, cr-hz ...	4	cu, cu-st, cr-st ...	4	123·5	—	86·1	75·4
9	cu, cu-st, cr-hz.	4	cu, cu-st, cr-hz.	4	cu, cu-st, cr-hz ...	5	cu, cu-st, cr ...	5	cu, cu-st	5	cu, cu-st, cr-st, hz	6	129·3	—	84·1	76·8
10	cu, cu-st, nim ...	6	cu, cu-st, nim...	5	cu, cu-st, cr-hz ...	4	cu, cu-st	5	cu, cu-st, cr-hz ...	6	cu, cu-st, lt-R ...	5	134·7	—	85·3	74·9
11	ovt	8	ovt, lt-R ...	8	cu, cu-st, cr-hz ...	7	fl-cu, cu-st ...	7	ovt, lt-R	8	ovt, R	8	127·1	—	83·3	76·2
12	... ...	...	... ...	...	... .	...	... ...	...	... .	...	... ...	...	ovt.	—	79·9	75·8
13	ovt, lt-R ...	8	cu, cr-cu, cr, nim,r-b-W...	6	cu, cr-cu, cr, cr-st	4	fl-cu, nim, lt-R ...	6	cu, cu-st, nim ...	6	cu, cu-st, nim ...	6	134·0	—	84·0	74·0
14	cu, cu-st, cr ...	5	cu, cu-st, cr-hz.	4	cu, cu-st, cr-hz ...	4	fl-cu, cu-st, nim...	6	fl-cu, cu-st, nim ...	6	cu, cu-st, cr-st, hz	4	120·7	—	83·2	75·0
15	fl-cu, cu-st,cr-hz	6	ny-ovt	7	ny-ovt	7	ovt, R	8	ovt	8	ovt	8	ovt.	—	80·0	73·3
16	ovt, R	8	ovt, lt-R ...	8	ovt, lt-R	8	ovt, lt-R	8	ovt, R	8	ovt, R	8	ovt.	—	79·6	74·5
17	ovt, R	8	ovt	8	ovt	8	ovt	8	ovt, lt-R	8	ovt, R, th-E ...	8	111·0	—	81·9	74·4
18	ovt	8	cu, cu-st, cr-hz..	6	cu,cu-st,cr-hz,nim	7	ovt, R	8	ovt	8	cu, cu-st, cr-cu, hz	6	ovt.	—	82·8	76·7
19	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	126·0	—	82·4	74·0
20	cu, d-cr-hz ...	6	cu, cu-st, cr-hz.	7	cr-cu, cr-hz ...	8	ovt	8	ovt	8	ovt	8	ovt.	—	80·5	73·0
21	ovt, R	8	ovt, R	8	ovt	8	ovt, R	8	ovt, R	8	ovt, R	8	ovt.	—	77·3	66·1
22	ovt, lt-R, th-E ..	8	ovt	8	ny-ovt	7	ny-ovt	7	ovt, lt-R	8	hy-cu, hz, nim ...	8	ovt.	—	82·5	70·1
23	ovt	8	ny-ovt	7	cu, cr-cu, cr-hz ...	6	ny-ovt	7	cu, cu-st, cr-hz ...	6	fl-cu, cr-st, hz ...	6	113·8	—	81·6	73·1
24	ovt, R	8	ovt, lt-R ...	8	ovt, lt-R	8	ovt	8	ovt	8	ny-ovt	7	ovt.	—	78·8	74·1
25	cu, d-cr-hz ...	7	ovt	8	ovt	8	ovt	8	ovt, R	8	ovt, R	8	ovt.	—	77·8	74·1
26	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	ovt.	—	76·7	73·3
27	ovt, lt-R ..	8	ovt	8	ovt	8	ovt	8	ovt	8	ny-ovt	7	ovt.	—	78·5	73·6
28	ovt	8	ny-ovt	7	cu, cu-st, cr-hz ...	5	cu, cr-st, cr-hz ...	6	hy-cu, cu-st, nim..	5	cu, cu-st, cr-st, hz	4	118·6	—	83·6	73·5
29	ovt	8	cu, cu-st, cr-hz .	6	ny-ovt	7	cu, cu-st, cr-st, nim..	6	cu,cu-st,cr-hz,nim	6	cu, cu-st,cr-hz,nim,th	8	114·3	—	86.0	74·8
30	cu, cr-hz, nim-E	4	cu, cu-st, cr-hz.	6	cu, cu-st, cr-hz ...	5	fl-cu, cu-st, nim...	6	cu, cu-st, cr-hz, R	7	cu, cu-st, cr-st ...	4	101·3	—	84·7	75·1

REMARKS ON THE WEATHER FOR THE MONTH OF DECEMBER 1859

1	ovt	8	cu, cu-st, cr-cu, cr-hz ...	7	cu, cu-st, cr-cu, cr-hz.	5	cu, cu-st, cr-hz ...	5	cu, nim	5	cu, cr-st, hz ...	3	118·8	—	86·3	75·1
2	clear	0	cu, cr-st, cr-hz..	6	cu, cr-st, cr-hz ...	5	cu, cr, cr-hz ...	6	cr-cu, cr-hz, cr-st.	3	cr-cu, cr-hz, cr-st.	3	107·7	—	82·9	71·2
3	.. ..	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	103·5	—	81·0	69·2
4	cr-hz, D ...	1	cr-cu,cr-st,cr-hz	6	cr-cu, cr-st, cr-hz.	5	cu, cr-hz	2	cr-st, hz	1	cr-st, hz	1	110·7	—	80·9	70·1
5	clear, D ...	0	clear	0	cu...	1	cu, hz	3	sc-cu ...	2	cu, cu-st	4	116·3	—	83·8	70·8
6	clear, D ...	0	clear	0	cu, cu-st, hz ...	3	cu, cu-st, cr-hz ...	5	cu, cu-st	3	cu-st, cu	2	109·2	—	85·0	73·3
7	sc-cu, D ...	2	cu	2	cu, cu-st, hz ...	5	cu, cu-st, cr-hz ...	5	cu, cr, cr-st ..	3	cu, cu-st, cr ...	2	119·6	—	83·9	74·1
8	fl-cu	3	cu, cr-st, cr-hz..	3	cu, cu-st, cr-hz ...	5	fl-cu, cu-st ...	6	fl-cu	3	cu, cu-st	3	113·2	—	84·2	73·7
9	cu, cu-st ...	2	cu, cr-hz ...	2	cu, cu-st, cr-hz ...	5	cu, cu-st	6	cu, cu-st, cr-hz ...	5	cu, cu-st, cr-st ...	6	113·7	—	84·6	73·9
10	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	.. ..	...	115·5	—	84·4	74·7
11	cu, cr-hz, D ...	3	cu, cr-cu, hz ...	4	hy-cu, cu-st, cr-hz	6	cu, cu-st, cr-hz ...	5	fl-cu, cu-st ...	3	cu-st, cr-st, hz ...	4	113·7	—	83·2	73·1
12	cu, hz	3	cu, cr-st, hz ...	3	fl-cu, cu-st ...	4	fl-cu, cu-st ...	4	ny-clear	0	ny-clear	0	109·6	—	81·6	73·3
13	fl-cu, D ...	2	cu, cu-st, cr-hz..	4	cu, cu-st	5	cu, cu-st... ...	4	cu, cu-st, cr-hz ...	5	cu, cr-st, cu-st, hz	4	112·6	—	82·8	71·2
14	cu, cr	2	cu, cu-st, nim...	5	cu, cu-st... ...	5	cu, cu-st, cr-hz ..	6	fl-cu	3	cu, cu-st, cr-st, hz	3	109·6	—	82·7	70·9
15	cu, cr-st ...	2	cu, cr,cr-hz...[hz	3	cu, cu-st, cr-hz ...	4	cu, cu-st, cr-hz ...	5	cu, cu-st, hz ...	5	cu-st, cr-st, hz ...	4	109·4	—	81·8	73·5
16	cu, cu-st, nim...	7	cu, cu-st, cr-cu, cr-	5	cu, cu-st, cr-cu, cr-hz	5	cu, cu-st, cr-hz ...	5	cu, cr-hz	7	cu,cu-st,cr-cu,cr-hz	7	108·7	—	81·7	76·1
17	... ...	...	... .	..	... ...	...	... ...	...	... ...	...	... ...	...	104·8	—	81·9	71·2
18	cu,cr-cu,d-cr-hz	8	cu,cr-cu,d-cr-hz	6	cu, cr-cu, d-cr-hz.	6	cu, cu-st, cr-cu, hz	6	cu, cr-cu, cr-hz ...	5	cu, cr-hz	5	106·7	—	81·6	73·1
19	cu, D	1	cu,cr-cu ...	2	cu, cu-st	4	cu-cu-st, cr-hz ...	5	sc-cu	3	sc-cu	3	110·7	—	81·1	69·1
20	cu, cr-hz, D ..	2	cu, cr-hz ...	3	cu, cu-st, cr-hz ...	3	cu, cu-st, nim ...	3	cu, cu-st	3	cu, cu-st ...	3	108·8	—	81·3	69·5
21	ny-clear, D ...	0	sc-cu	2	cu, cu-st, hz ...	3	cu, cu-st, hz ..	3	fl-cu	3	fl-cu	3	106·7	—	81·3	70·3
22	cu	1	cu, cu-st, D ...	3	sc-cu, hz	3	cu, cr-hz	4	fl-cu	4	fl-cu	5	105·5	—	82·1	70·3
23	cu, cr-hz ...	2	cu, cr-hz ...	4	cu, cr-cu, cr-hz ...	5	cu, cr-cu, cr-hz ...	6	sc-cu	3	sc-cu	2	104·7	—	80·1	73·5
24	... .	...	... .	...	... ...	...	... ...	...	... ...	...	... ...	...	108·5	—	81·4	67·6
25	fl-cu, cu-st ...	4	cu, cr-cu, cr-hz..	6	cu, cr-cu, cr-hz ...	7	cu, cr-cu, cr-hz ...	6	cu, cu-st, cr-hz ...	6	cu, cu-st, cr-hz ...	7	109·3	—	81·1	74·8
26	ny-clear, D ...	0	cr-st, cr-hz ...	2	sc-cu, hz	1	cu...	2	cu...	4	cu, cu-st	4	108·6	—	80·8	69·7
27	cu, hz, D ...	2	cr, cr-hz, cr-st...	3	cr, cr-hz	3	cu, cr, cr-hz ...	6	cu, cu-st, cr-hz ...	6	cu, cu-st, cr-hz ...	5	105·8	—	79·9	67·7
28	cu, cu-st, D ...	3	cu, cu-st, hz ..	5	cu, cr-hz-hor ...	3	cu, cu-st, cr-hz ...	4	cu, cu-st, cr-hz ...	5	cu, cr-st, hz ...	4	105·8	—	80·8	69·6
29	clear, D ...	0	lt-cr-st, hz ...	2	ny-clear	0	cu	4	fl-cu	2	cu, cr-st, hz ...	2	107·3	—	80·7	67·0
30	clear, D ...	0	cu, cr-st, cr-hz..	4	cu, cr-st, cr-hz ...	5	cu, cr-st, cr-hz ...	5	cu, cr-st, cr-hz ...	5	cu, cr-st, hz ...	5	104·3	—	79·6	66·2

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE

ard....around
cld....clouds or cloudy
cr or ci. cirri or cirro or cirrous
cu....cumuli or cumulo
D.....dew
d.....dense
dis...distant
dt.....detached
E.....east
fg.....fog
fk.....forked
fl.....flying
fr.....frequent
g.....ground
hy...heavy
hl ...halo
hor...horizon
hz.... haze or hazy
ld.....loud
lg....lightning
lt....light
mt....meteor
N.....north
nim..nimbi
ny....nearly
ov.....overhead
ovt.....overcast
ps...peals
pt.....part or partly or partial
R.....rain
r-b...rain-bow
S.....south
sc....scattered
sh....sheet
st ....stratus
th...thunder
thi...thick
v.....very
viv...vivid
W.....west

MADRAS, 1860

METEOROLOGICAL OBSERVATIONS

BAROMETRIC PRESSURE

Barometer at 30°=29 English Inches+the number in the Table

	Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
	Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
		In.	In.	In.	In.	In.	In.	In.	In.	In.	In.*	In.	In.*	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
Dec.	31	0·929	0·942	0·952	0·981	0·989	0·996	0·981	0·970	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
JANUARY 1860	1	—	—	—	—	—	—	—	—	0·948	0·933	0·919	0·916	0·918	0·922	0·935	0·963	0·980	0·988	0·967	0·932	0·899	0·883	0·864	0·859	0·940
	2	·877	·903	·933	·944	·970	·981	·969	·960	·944	·912	·911	·906	·922	·927	·943	·982	1·011	1·026	1·015	·970	·940	·915	·896	·891	·944
	3	·903	·916	·943	·960	·967	·963	·962	·951	·918	·907	·900	·898	·898	·910	·942	·976	0·999	·008	0·998	·975	·949	·927	·911	·913	·941
	4	·931	·945	·965	·995	1·004	1·017	1·011	·997	·982	·960	·946	·944	·956	·973	1·001	1·024	1·050	·044	1·037	1·002	·979	·944	·924	·916	·981
	5	·929	·950	·966	·993	·007	·011	·016	1·004	·986	·959	·947	·955	·975	·996	·006	·036	·052	·063	·043	·011	·967	·940	·924	·913	·985
	6	·917	·939	·960	·981	0·989	0·996	0·981	0·965	·959	·945	·926	·923	·937	·958	0·974	·005	·029	·030	·009	0·969	·938	·909	·902	·906	·960
	7	·912	·927	·938	·949	·961	·970	·965	·956	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	8	—	—	—	—	—	—	—	—	·965	·956	·948	·939	·950	·964	·980	·002	·022	·023	·012	·995	·976	·945	·939	·935	·964
	9	·939	·955	·968	·989	·998	1·006	·996	·987	·972	·955	·946	·942	·934	·951	·980	·018	·035	·032	·014	1·002	·983	·953	·929	·931	·976
	10	·935	·946	·958	·978	·995	·004	·998	·997	·987	·965	·958	·950	·963	·985	·999	·031	·050	·054	·048	·022	·993	·964	·948	·941	·986
	11	·948	·956	·978	1·005	1·013	·016	1·009	1·005	·997	·975	·969	·975	1·003	1·015	1·035	·066	·092	·093	·079	·057	1·033	1·006	·991	·992	1·013
	12	1·006	1·015	1·034	·075	·089	·096	·088	·074	1·054	1·045	1·037	1·047	·064	·070	·096	·122	·146	·146	·133	·106	·083	·054	1·034	1·032	·073
	13	·034	·054	·072	·088	·103	·105	·097	·089	·076	·060	·045	·041	·056	·070	·098	·117	·144	·146	·138	·115	·090	·061	·041	·030	·082
	14	·043	·051	·069	·088	·102	·113	·103	·080	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	15	—	—	—	—	—	—	—	—	·016	·009	0·999	0·993	0·997	·021	·046	·093	·105	·129	·116	·083	·036	·007	0·983	0·972	·052
	16	0·978	·003	·027	·051	·075	·099	·068	·049	·036	·023	1·005	1·002	1·007	·017	·047	·068	·098	·105	·100	·088	·060	·020	·999	·993	·042
	17	·997	·013	·038	·059	·073	·084	·075	·062	·049	·016	0·999	0·993	·004	·018	·037	·058	·074	·072	·063	·039	·007	0·975	·951	·937	·029
	18	·947	0·967	0·993	·012	·023	·038	·032	·027	·001	0·981	·979	·974	0·989	·003	·028	·055	·074	·087	·082	·076	·043	1·003	·979	·966	·015
	19	·976	·991	1·008	·030	·054	·064	·058	·045	·031	1·013	1·004	·998	1·010	·023	·048	·086	·116	·123	·109	·089	·050	·019	1·006	1·001	·040
	20	1·007	1·020	·038	·053	·059	·068	·066	·056	·045	·034	·022	1·010	·024	·034	·052	·080	·104	·107	·100	·074	·045	·007	0·988	0·981	·045
	21	0·986	0·997	·011	·035	·050	·061	·054	·043	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	22	—	—	—	—	—	—	—	—	·066	·046	·031	·022	·032	·046	·066	·089	·110	·111	·106	·091	·055	·014	·995	·989	·046
	23	·987	·990	·002	·020	·036	·041	·039	·039	·023	·010	·000	0·991	·010	·030	·051	·067	·092	·098	·078	·055	·028	0·996	·977	·959	·026
	24	·965	·982	·001	·026	·046	·062	·071	·059	·050	·040	·022	1·018	·021	·039	·050	·071	·095	·102	·091	·077	·049	1·022	·996	·987	·039
	25	·991	1·001	·028	·048	·066	·089	·081	·078	·068	·049	·046	·036	·041	·049	·064	·083	·110	·111	·105	·076	·056	·015	1·007	1·003	·054
	26	1·003	·010	·020	·040	·050	·072	·076	·062	·056	·047	·009	·010	·007	·030	·049	·071	·092	·103	·083	·059	·033	0·978	0·978	0·966	·038
	27	0·973	0·979	0·997	·013	·032	·054	·060	·049	·031	·017	·013	0·991	0·987	·000	·013	·039	·064	·079	·065	·043	·018	·994	·965	·959	·018
	28	·967	·977	·998	·021	·046	·066	·061	·055	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	29	—	—	—	—	—	—	—	—	·043	·036	·016	·991	·993	·008	·016	·049	·072	·093	·071	·051	·027	·986	·971	·962	·024
	30	·961	·969	·979	·003	·036	·060	·058	·049	·031	·008	0·999	·987	·979	·003	·008	·027	·041	·058	·036	·013	0·991	·955	·937	·928	·005
	31	·930	·941	·957	0·982	·005	·019	·023	·011	·006	0·986	·972	·958	·956	0·969	0·998	·023	·049	·047	·036	·019	·984	·950	·923	·925	0·986
	Means	0·962	·976	·994	1·016	·031	·043	·037	·027	·013	0·996	·984	·978	·986	1·001	·021	·048	·071	·077	·064	·040	·012	0·979	·961	·955	1·011
FEBRUARY 1860	1	0·928	0·935	0·953	0·978	0·990	1·002	0·997	0·989	0·980	0·960*	0·951	0·947*	0·953	0·970	0·998	1·015	1·038	1·045	1·034	1·008	0·981	0·950	0·926	0·917	0·977
	2	·921	·926	·947	·975	1·002	·009	1·026	1·007	·986	·971	·965	·968	·965	·984	·999	·016	·036	·045	·031	·010	·973	·948	·930	·932	·982
	3	·943	·949	·975	1·004	·024	·037	·042	·026	1·011	·991	·967	·959	·971	1·001	1·018	·050	·079	·085	·069	·049	1·011	·976	·950	·949	1·006
	4	·950	·953	·972	0·994	·004	·018	·019	·014	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	5	—	—	—	—	—	—	—	—	·012	1·004	·974	·970	·969	0·965	·000	·026	·047	·059	·050	·036	·005	·976	·949	·950	0·997
	6	·943	·948	·971	1·003	·019	·033	·037	·020	·006	·000	·985	·978	·994	·998	·021	·048	·067	·066	·051	·032	0·994	·961	·949	·943	1·003
	7	·952	·973	·986	·002	·024	·028	·020	·014	·002	0·986	·965	·958	·956	·977	0·999	·008	·037	·060	·043	·007	·985	·954	·934	·928	0·992
	8	·931	·934	·949	0·967	0·975	0·987	0·962	0·952	0·941	·938	·924	·920	·922	·928	·945	0·971	·005	·021	·002	0·978	·937	·919	·901	·901	·950
	9	·903	·911	·924	·944	·956	·964	·956	·950	·948	·919	·910	·906	·905	·927	·945	·973	0·994	·011	0·998	·991	·958	·933	·899	·895	·943
	10	·899	·911	·919	·943	·963	·978	·973	·965	·960	·952	·945	·925	·932	·949	·967	·981	1·001	·009	1·001	·973	·940	·905	·882	·880	·948
	11	·891	·900	·922	·947	·959	·974	·962	·950	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	12	—	—	—	—	—	—	—	—	·943	·930	·907	·901	·906	·919	·933	·964	0·994	·007	0·994	·976	·940	·905	·878	·864	·936
	13	·868	·881	·901	·918	·938	·946	·937	·932	·909	·897	·872	·871	·876	·890	·906	·933	·961	0·972	·956	·929	·896	·879	·857	·850	·907
	14	·855	·865	·882	·918	·947	·962	·955	·941	·936	·927	·919	·917	·938	·943	·952	·980	1·006	1·012	1·005	·991	·958	·933	·908	·897	·939
	15	·903	·913	·930	·957	·994	1·011	·999	·978	·977	·965	·954	·946	·949	·961	·977	1·013	·049	·064	·055	1·037	1·002	·981	·956	·948	·980
	16	·952	·970	·999	1·026	1·041	·048	1·042	1·034	1·018	1·005	·995	·981	·995	·999	1·017	·029	·057	·068	·063	·043	·020	·995	·977	·969	1·014
	17	·971	·978	1·002	·020	·045	·061	·043	·031	·020	·002	·981	·963	·957	·968	0·978	·000	·005	·008	·000	0·971	0·940	·905	·887	·875	0·984
	18	·880	·882	0·894	0·917	0·935	0·943	0·940	0·928	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	19	—	—	—	—	—	—	—	—	0·907	0·888	·882	·879	·887	·903	·933	0·952	0·972	0·982	0·974	·948	·924	·891	·872	·858	·915
	20	·864	·875	·894	·929	·943	·956	·952	·947	·945	·928	·899	·897	·910	·933	·952	·971	·994	1·013	·993	·970	·946	·920	·894	·888	·934
	21	·887	·892	·906	·920	·952	·958	·946	·934	·924	·897	·887	·876	·876	·899	·914	·934	·947	0·972	·956	·927	·893	·866	·849	·847	·911
	22	·850	·857	·869	·887	·909	·919	·910	·899	·879	·861	·843	·849	·860	·876	·893	·919	·939	·958	·939	·913	·882	·862	·834	·826	·885
	23	·835	·845	·870	·885	·908	·917	·910	·899	·890	·876	·867	·878	·893	·913	·925	·947	·963	·980	·972	·952	·916	·879	·855	·842	·901
	24	·848	·859	·869	·884	·903	·915	·907	·896	·889	·879	·862	·864	·868	·886	·903	·924	·939	·952	·936	·914	·883	·848	·829	·824	·887
	25	·818	·831	·845	·864	·881	·890	·890	·870	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	26	—	—	—	—	—	—	—	—	·847	·843	·835	·827	·843	·860	·880	·903	·918	·934	·926	·910	·871	·839	·821	·818	·865
	27	·823	·836	·855	·871	·891	·909	·907	·901	·894	·890	·885	·880	·879	·892	·912	·943	·963	·984	·969	·950	·918	·885	·864	·852	·898
	28	·855	·869	·882	·894	·913	·925	·917	·905	·902	·875	·868	·862	·869	·875	·889	·910	·931	·949	·938	·914	·881	·857	·829	·823	·889
	29	·813	·819	·839	·866	·880	·889	·872	·860	·847	·845	·831	·829	·836	·861	·882	·901	·931	·943	·932	·895	·882	·860	·828	·813	·865
	Means	0·891	·900	·918	·941	·960	·971	·965	·954	·943	·929	·915	·910	·916	·931	·950	·972	·995	1·008	0·995	·973	·941	·913	·890	·884	0·940

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

BAROMETRIC PRESSURE—(Corrected)

Barometer at 32°=29 English Inches+the number in the Table

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.*	In.	In.*	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·813	0·822	0·843	0·868	0·892	0·895	0·890	0·883	0·861	0·844	0·838	0·841	0·855	0·869	0·886	0·923	0·947	0·951	0·940	0·906	0·858	0·835	0·810	0·806	0·870
2	·808	·818	·837	·868	·883	·896	·897	·883	·851	·843	·830	·831	·846	·855	·873	·896	·911	·921	·900	·871	·840	·806	·767	·759	·854
3	·761	·773	·793	·823	·849	·865	·876	·872	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	·870	·858	·840	·848	·861	·882	·901	·942	·953	·973	·961	·945	·926	·898	·873	·858	·875
5	·860	·878	·890	·931	·952	·968	·969	·965	·946	·922	·910	·898	·910	·919	·944	·977	·984	·994	·985	·961	·931	·901	·882	·866	·931
6	·861	·869	·884	·917	·933	·942	·952	·932	·911	·895	·876	·859	·863	·872	·895	·916	·924	·928	·931	·891	·877	·837	·799	·795	·890
7	·791	·791	·812	·834	·852	·862	·875	·859	·845	·828	·810	·813	·817	·822	·837	·872	·893	·906	·895	·879	·854	·824	·786	·775	·839
8	·775	·775	·793	·817	·841	·845	·839	·837	·811	·799	·785	·784	·790	·805	·834	·861	·890	·906	·893	·874	·841	·814	·789	·781	·824
9	·783	·788	·808	·839	·861	·873	·871	·868	·839	·826	·817	·811	·818	·845	·860	·885	·903	·915	·909	·885	·859	·833	·812	·804	·846
10	·801	·827	·854	·882	·908	·922	·928	·924	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	·941	·932	·910	·904	·914	·929	·956	·972	·991	1·006	·990	·959	·939	·921	·889	·875	·920
12	·874	·882	·901	·919	·948	·957	·948	·933	·916	·898	·880	·884	·898	·922	·936	·960	·971	0·987	·979	·944	·925	·896	·877	·865	·921
13	·862	·873	·890	·926	·946	·956	·965	·960	·933	·904	·890	·896	·897	·913	·941	·972	·989	1·001	·991	·973	·946	·907	·868	·862	·928
14	·864	·875	·883	·900	·923	·937	·939	·931	·910	·886	·874	·892	·896	·915	·943	·966	·979	0·990	·985	·961	·935	·904	·875	·863	·918
15	·865	·875	·887	·913	·931	·946	·949	·930	·913	·896	·883	·873	·879	·891	·918	·954	·962	·978	·968	·940	·907	·885	·855	·846	·910
16	·849	·859	·876	·898	·929	·939	·953	·938	·906	·881	·870	·862	·866	·879	·901	·939	·948	·971	·945	·923	·903	·869	·836	·828	·899
17	·829	·835	·857	·886	·903	·921	·931	·918	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	·876	·848	·846	·838	·847	·867	·905	·931	·952	·976	·954	·943	·916	·881	·842	·841	·889
19	·846	·852	·860	·881	·896	·903	·909	·895	·884	·865	·856	·875	·880	·896	·929	·961	·984	·988	·976	·955	·924	·903	·876	·868	·903
20	·869	·873	·888	·911	·938	·944	·937	·912	·896	·883	·892	·889	·893	·901	·906	·925	·938	·953	·942	·932	·916	·886	·857	·833	·905
21	·827	·837	·850	·867	·886	·900	·895	·884	·867	·839	·823	·817	·824	·833	·851	·867	·886	·892	·886	·865	·841	·814	·795	·790	·852
22	·790	·806	·821	·850	·868	·890	·882	·870	·858	·838	·822	·836	·842	·860	·876	·906	·931	·948	·943	·920	·892	·861	·841	·831	·866
23	·818	·830	·855	·869	·897	·919	·931	·919	·911	·895	·896	·898	·906	·920	·941	·971	·991	1·017	·999	·988	·962	·946	·927	·916	·922
24	·917	·920	·933	·943	·960	·992	·988	·984	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	·925	·904	·896	·887	·889	·909	·916	·934	·949	0·949	·934	·900	·870	·850	·818	·808	·916
26	·806	·816	·839	·854	·880	·889	·896	·888	·865	·858	·848	·851	·862	·882	·898	·931	·950	·948	·938	·914	·875	·848	·829	·812	·874
27	·812	·825	·838	·883	·900	·908	·905	·892	·860	·844	·840	·855	·863	·882	·902	·928	·944	·945	·938	·911	·880	·845	·815	·795	·875
28	·791	·806	·828	·838	·865	·883	·880	·862	·846	·840	·835	·842	·848	·860	·881	·899	·927	·924	·905	·873	·841	·814	·786	·780	·852
29	·765	·776	·792	·806	·837	·865	·870	·870	·852	·840	·835	·848	·864	·877	·899	·917	·925	·920	·889	·866	·846	·814	·790	·776	·847
30	·779	·792	·814	·840	·859	·877	·882	·868	·868	·847	·838	·830	·834	·851	·876	·893	·911	·903	·885	·860	·829	·794	·769	·750	·844
Means	0·824	·834	·851	·876	·898	·911	·914	·903	·883	·866	·855	·856	·864	·879	·900	·927	·944	·953	·941	·917	·890	·861	·833	·822	0·883
March 31	0·764	0·778	0·795	0·818	0·837	0·851	0·859	0·833	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1	—	—	—	—	—	—	—	—	0·833	0·813	0·800	0·815	0·829	0·846	0·855	0·878	0·885	0·882	0·873	0·841	0·809	0·784	0·762	0·751	0·825
2	·752	·769	·791	·827	·857	·884	·892	·882	·852	·836	·833	·828	·836	·842	·868	·891	·908	·909	·894	·865	·822	·780	·749	·738	·838
3	·748	·767	·795	·831	·852	·872	·877	·868	·850	·845	·838	·831	·819	·829	·850	·879	·891	·897	·880	·857	·829	·798	·778	·774	·836
4	·767	·785	·794	·815	·833	·847	·855	·843	·840	·816	·814	·804	·813	·829	·864	·890	·899	·895	·889	·870	·829	·781	·755	·745	·828
5	·746	·770	·782	·804	·833	·852	·855	·851	·831	·821	·801	·796	·826	·828	·855	·863	·880	·877	·873	·852	·815	·781	·763	·751	·821
6	·755	·766	·782	·803	·826	·843	·843	·840	·829	·814	·801	·796	·791	·804	·835	·842	·845	·847	·853	·840	·814	·785	·767	·753	·811
7	·759	·774	·788	·816	·829	·851	·835	·834	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	·733	·725	·691	·677	·681	·705	·736	·746	·760	·755	·742	·721	·697	·674	·650	·638	·742
9	·646	·670	·682	·690	·707	·728	·732	·719	·721	·679	·666	·679	·689	·713	·737	·754	·761	·767	·760	·746	·716	·684	·665	·652	·707
10	·657	·675	·695	·715	·739	·755	·763	·751	·737	·705	·680	·672	·692	·717	·751	·754	·770	·776	·766	·745	·719	·687	·663	·659	·718
11	·666	·694	·717	·745	·770	·800	·791	·787	·762	·744	·742	·763	·779	·798	·797	·818	·833	·832	·827	·803	·768	·735	·716	·698	·766
12	·697	·716	·743	·774	·809	·842	·851	·835	·835	·805	·790	·791	·799	·825	·840	·858	·882	·875	·852	·819	·778	·751	·725	·712	·800
13	·706	·723	·755	·785	·808	·833	·837	·821	·818	·791	·787	·793	·817	·842	·858	·869	·894	·889	·872	·854	·822	·801	·774	·769	·813
14	·770	·807	·828	·857	·871	·888	·887	·872	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	·925	·888	·887	·885	·888	·902	·931	·949	·955	·942	·930	·902	·866	·846	·825	·810	·880
16	·803	·814	·837	·859	·874	·884	·883	·876	·882	·871	·861	·867	·910	·920	·940	·945	·941	·934	·903	·895	·866	·840	·809	·794	·875
17	·800	·815	·833	·840	·855	·871	·890	·883	·874	·865	·859	·862	·876	·897	·916	·936	·953	·948	·952	·933	·895	·862	·834	·812	·878
18	·817	·833	·871	·888	·905	·910	·903	·896	·886	·868	·852	·849	·856	·871	·882	·907	·936	·938	·930	·913	·884	·857	·836	·820	·880
19	·824	·833	·856	·870	·896	·909	·919	·909	·890	·877	·875	·880	·886	·900	·930	·968	·989	·984	·964	·956	·927	·882	·856	·847	·901
20	·832	·841	·865	·889	·911	·930	·939	·927	·903	·892	·889	·891	·895	·905	·922	·955	·975	·977	·958	·936	·907	·868	·846	·830	·903
21	·827	·836	·855	·873	·890	·901	·896	·889	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	·792	·782	·767	·779	·787	·803	·819	·840	·856	·857	·843	·825	·793	·760	·738	·729	·822
23	·727	·739	·755	·787	·797	·814	·819	·809	·809	·803	·796	·802	·813	·825	·826	·844	·866	·866	·844	·828	·793	·770	·741	·736	·800
24	·733	·751	·773	·795	·818	·846	·840	·824	·820	·818	·840	·844	·846	·857	·873	·894	·908	·901	·896	·878	·858	·826	·809	·793	·835
25	·778	·785	·805	·831	·843	·859	·866	·853	·847	·845	·841	·837	·849	·864	·886	·907	·913	·909	·895	·883	·850	·828	·807	·795	·849
26	·791	·804	·817	·839	·859	·887	·877	·863	·855	·842	·833	·832	·848	·858	·872	·895	·901	·901	·881	·860	·840	·805	·791	·775	·847
27	·781	·792	·806	·823	·846	·858	·865	·849	·827	·824	·825	·827	·845	·855	·881	·894	·905	·906	·885	·863	·831	·803	·779	·772	·839
28	·766	·777	·791	·811	·835	·840	·843	·836	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	·804	·802	·790	·780	·796	·814	·840	·864	·871	·871	·858	·831	·800	·781	·755	·738	·812
30	·739	·755	·778	·793	·820	·838	·842	·815	·794	·784	·769	·771	·778	·797	·815	·837	·847	·849	·834	·819	·787	·757	·728	·713	·794
Means	0·756	·772	·792	·815	·835	·854	·856	·845	·829	·814	·805	·806	·817	·833	·853	·872	·886	·884	·871	·851	·820	·789	·766	·754	0·824

MARCH 1860

APRIL 1860

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

BAROMETRIC PRESSURE—(Corrected)

Barometer at 32°=29 English Inches+the number in the Table

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.*	In.	In.*	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·715	0·728	0·758	0·769	0·788	0·809	0·797	0·778	0·751	0·728	0·720	0·741	0·744	0·760	0·781	0·795	0·803	0·792	0·774	0·744	0·717	0·687	0·658	0·639	0·749
2	·639	·644	·664	·681	·701	·720	·732	·724	·698	·691	·703	·705	·699	·711	·739	·764	·764	·759	·738	·735	·704	·683	·653	·646	·704
3	·648	·664	·676	·686	·713	·739	·752	·764	·745	·735	·732	·730	·736	·761	·771	·808	·806	·812	·805	·779	·756	·734	·712	·696	·740
4	·693	·694	·701	·741	·762	·783	·772	·768	·764	·752	·751	·757	·769	·784	·805	·821	·831	·837	·828	·811	·781	·759	·727	·715	·767
5	·708	·718	·744	·771	·790	·821	·827	·819	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	·798	·791	·789	·802	·808	·829	·839	·856	·861	·871	·858	·840	·810	·773	·760	·745	·801
7	·743	·748	·770	·796	·812	·833	·844	·839	·839	·826	·814	·828	·835	·853	·865	·873	·883	·880	·866	·838	·799	·766	·744	·715	·817
8	·717	·724	·746	·761	·782	·807	·819	·814	·802	·786	·781	·787	·791	·811	·820	·829	·842	·831	·804	·776	·736	·709	·673	·660	·775
9	·656	·666	·697	·736	·762	·770	·777	·767	·761	·739	·736	·742	·744	·757	·780	·798	·813	·805	·789	·760	·725	·698	·667	·653	·742
10	·659	·664	·690	·714	·749	·760	·755	·747	·738	·713	·708	·711	·721	·730	·747	·758	·765	·749	·732	·708	·682	·655	·635	·611	·713
11	·613	·640	·672	·694	·721	·728	·737	·718	·708	·681	·668	·674	·680	·691	·717	·745	·745	·743	·729	·708	·693	·665	·652	·636	·694
12	·640	·649	·656	·676	·688	·708	·722	·697	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	·689	·680	·653	·655	·675	·687	·701	·727	·745	·741	·734	·716	·698	·675	·648	·641	·688
14	·649	·666	·699	·740	·746	·757	·767	·762	·760	·756	·746	·743	·753	·760	·771	·784	·796	·806	·791	·763	·743	·714	·685	·679	·743
15	·679	·696	·709	·733	·762	·773	·785	·772	·767	·751	·740	·717	·735	·751	·773	·778	·803	·797	·776	·749	·718	·685	·658	·654	·740
16	·648	·662	·682	·702	·727	·736	·728	·716	·710	·687	·684	·682	·692	·717	·748	·755	·758	·763	·746	·731	·704	·683	·655	·644	·707
17	·645	·668	·702	·708	·731	·744	·756	·728	·705	·688	·679	·678	·672	·712	·747	·769	·772	·765	·760	·735	·711	·688	·659	·645	·711
18	·645	·660	·683	·720	·747	·752	·768	·747	·729	·710	·693	·700	·707	·734	·749	·773	·801	·801	·793	·776	·752	·727	·703	·688	·732
19	·684	·703	·714	·738	·771	·778	·788	·776	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	·769	·758	·733	·727	·740	·755	·756	·770	·770	·764	·750	·737	·710	·686	·653	·635	·736
21	·635	·647	·665	·685	·698	·706	·721	·723	·715	·693	·684	·663	·662	·675	·689	·706	·712	·714	·707	·697	·667	·648	·622	·610	·681
22	·600	·607	·624	·658	·677	·693	·695	·699	·686	·672	·658	·651	·652	·662	·678	·688	·691	·689	·668	·656	·640	·625	·602	·592	·657
23	·594	·612	·643	·651	·671	·681	·701	·694	·681	·671	·650	·661	·681	·687	·695	·707	·703	·694	·673	·660	·650	·631	·620	·609	·663
24	·628	·632	·637	·657	·680	·692	·695	·691	·688	·669	·639	·638	·636	·648	·664	·679	·687	·682	·678	·661	·639	·608	·586	·570	·654
25	·564	·567	·592	·607	·618	·624	·621	·619	·605	·580	·578	·574	·579	·601	·618	·628	·651	·647	·633	·611	·591	·573	·552	·539	·599
26	·542	·547	·559	·578	·587	·612	·614	·604	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	·586	·565	·560	·580	·586	·615	·636	·659	·675	·671	·656	·638	·620	·603	·589	·569	·602
28	·578	·601	·611	·632	·663	·667	·663	·647	·627	·622	·622	·632	·644	·657	·690	·692	·708	·699	·677	·654	·637	·619	·605	·594	·643
29	·595	·602	·632	·657	·672	·676	·664	·659	·648	·636	·632	·628	·636	·659	·675	·712	·727	·728	·708	·685	·652	·631	·591	·574	·653
30	·572	·614	·647	·661	·675	·695	·694	·691	·675	·671	·667	·659	·657	·682	·714	·710	·745	·737	·724	·707	·680	·642	·621	·603	·673
31	·604	·619	·655	·690	·713	·726	·724	·727	·720	·690	·683	·672	·682	·697	·743	·768	·781	·789	·768	·749	·736	·715	·691	·665	·709
Means	0·640	·653	·675	·698	·719	·733	·738	·729	·717	·702	·693	·694	·701	·718	·737	·754	·764	·762	·747	·727	·702	·677	·653	·638	0·707
1	0·661	0·657	0·663	0·685	0·697	0·706	0·737	0·724	0·718	0·710*	0·688	0·685*	0·710	0·721	0·729	0·749	0·770	0·763	0·747	0·724	0·692	0·674	0·655	0·627	0·704
2	·622	·629	·653	·691	·703	·713	·720	·700	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	·647	·628	·619	·600	·611	·625	·657	·682	·697	·696	·676	·667	·656	·627	·597	·586	·654
4	·556	·568	·611	·635	·666	·686	·708	·698	·669	·663	·629	·634	·643	·651	·677	·666	·682	·678	·664	·656	·641	·617	·599	·582	·645
5	·589	·589	·619	·644	·664	·678	·691	·679	·661	·645	·622	·622	·616	·630	·652	·672	·685	·687	·659	·648	·630	·608	·594	·581	·640
6	·583	·612	·639	·659	·668	·684	·682	·679	·670	·656	·635	·639	·648	·673	·695	·712	·746	·755	·738	·702	·664	·639	·614	·598	·666
7	·598	·620	·642	·675	·704	·712	·707	·699	·677	·649	·633	·631	·617	·627	·648	·662	·673	·679	·669	·635	·608	·578	·544	·530	·642
8	·528	·539	·560	·589	·601	·611	·638	·634	·616	·597	·589	·589	·600	·612	·634	·643	·645	·638	·615	·600	·570	·546	·532	·521	·594
9	·535	·535	·581	·592	·605	·630	·641	·632	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	·637	·627	·619	·633	·637	·643	·664	·687	·694	·686	·671	·651	·628	·600	·572	·555	·623
11	·556	·573	·599	·642	·657	·668	·672	·668	·656	·649	·641	·649	·667	·689	·703	·712	·723	·712	·698	·679	·656	·638	·624	·606	·656
12	·610	·628	·637	·653	·684	·689	·698	·679	·670	·664	·682	·672	·685	·708	·721	·751	·759	·751	·735	·709	·684	·656	·634	·625	·683
13	·619	·634	·648	·676	·697	·703	·734	·719	·711	·701	·697	·695	·705	·720	·744	·756	·774	·764	·752	·721	·700	·672	·655	·642	·702
14	·649	·663	·681	·710	·722	·727	·745	·737	·732	·728	·727	·739	·750	·755	·770	·777	·777	·781	·765	·740	·713	·685	·646	·619	·722
15	·612	·621	·648	·680	·687	·696	·708	·705	·693	·686	·671	·696	·692	·714	·716	·722	·741	·739	·723	·696	·670	·633	·608	·577	·681
16	·585	·590	·608	·629	·652	·676	·673	·670	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	—	·675	·661	·650	·648	·663	·692	·716	·726	·727	·732	·725	·703	·663	·647	·612	·597	·663
18	·598	·603	·632	·646	·673	·681	·679	·678	·662	·638	·633	·640	·653	·661	·689	·707	·720	·727	·717	·692	·671	·651	·620	·614	·662
19	·600	·602	·617	·653	·671	·682	·692	·700	·687	·671	·654	·664	·669	·674	·681	·707	·712	·722	·716	·703	·689	·661	·636	·644	·671
20	·673	·645	·659	·691	·733	·736	·729	·703	·693	·679	·681	·689	·695	·702	·724	·722	·736	·734	·727	·709	·687	·667	·645	·624	·695
21	·626	·636	·656	·658	·672	·686	·699	·692	·674	·670	·676	·676	·679	·691	·714	·720	·738	·748	·731	·717	·700	·678	·657	·646	·685
22	·646	·650	·670	·686	·699	·729	·737	·737	·723	·721	·703	·716	·736	·741	·743	·747	·756	·752	·742	·734	·716	·707	·690	·671	·715
23	·674	·688	·698	·707	·731	·750	·764	·769	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	·778	·766	·762	·742	·741	·754	·772	·786	·795	·793	·774	·757	·725	·705	·687	·673	·741
25	·663	·665	·698	·743	·776	·765	·774	·766	·752	·734	·723	·719	·736	·742	·768	·775	·784	·766	·741	·711	·687	·658	·636	·627	·725
26	·629	·655	·671	·699	·719	·730	·716	·704	·704	·697	·688	·699	·713	·732	·757	·780	·796	·788	·774	·752	·720	·695	·666	·665	·715
27	·668	·678	·705	·729	·737	·749	·755	·746	·729	·721	·713	·713	·723	·746	·752	·780	·793	·796	·770	·760	·729	·708	·688	·673	·732
28	·659	·665	·696	·714	·727	·749	·739	·723	·717	·712	·707	·688	·692	·716	·739	·751	·777	·779	·766	·745	·716	·692	·672	·659	·717
29	·667	·673	·681	·701	·718	·776	·758	·736	·725	·708	·696	·685	·699	·709	·726	·747	·758	·754	·737	·713	·691	·665	·643	·620	·708
Means	0·616	·625	·647	·671	·691	·704	·712	·703	·691	·679	·670	·671	·679	·693	·712	·726	·738	·737	·721	·701	·676	·652	·629	·614	0·682

MAY 1860

JUNE 1860

*The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

BAROMETRIC PRESSURE—(Corrected)

Barometer at 32°=29 English Inches + the number in the Table

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
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	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.*	In.	In.*	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
June 30	0·610	0·608	0·634	0·700	0·715	0·719	0·729	0·711	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1	—	—	—	—	—	—	—	—	0·661	0·656	0·642	0·634	0·642	0·658	0·684	0·694	0·697	0·690	0·682	0·672	0·635	0·586	0·565	0·543	0·657
2	·528	·543	·565	·592	·626	·640	·638	·638	·634	·624	·626	·626	·626	·645	·668	·677	·689	·687	·665	·651	·621	·602	·586	·566	·623
3	·551	·564	·621	·626	·645	·658	·668	·668	·656	·655	·648	·641	·652	·657	·679	·700	·702	·704	·692	·674	·657	·632	·598	·583	·647
4	·580	·585	·608	·655	·685	·688	·694	·698	·694	·690	·685	·689	·689	·693	·707	·730	·747	·735	·730	·718	·697	·669	·642	·623	·680
5	·616	·622	·650	·678	·707	·726	·734	·733	·725	·716	·706	·713	·734	·743	·771	·779	·793	·796	·786	·771	·755	·723	·702	·684	·723
6	·690	·696	·706	·722	·748	·767	·782	·765	·751	·746	·736	·736	·750	·757	·779	·797	·821	·804	·798	·779	·756	·722	·696	·674	·749
7	·665	·681	·711	·736	·758	·776	·785	·777	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	·818	·788	·779	·765	·773	·799	·818	·833	·839	·828	·822	·791	·766	·736	·711	·705	·769
9	·718	·732	·748	·773	·792	·812	·816	·805	·802	·788	·773	·787	·812	·826	·838	·849	·851	·832	·814	·799	·776	·744	·710	·694	·787
10	·690	·697	·705	·718	·755	·761	·762	·750	·736	·718	·713	·724	·735	·748	·760	·777	·778	·774	·754	·727	·716	·688	·668	·660	·730
11	·634	·635	·664	·674	·701	·730	·743	·724	·719	·694	·667	·669	·673	·685	·704	·719	·738	·736	·721	·694	·670	·646	·616	·599	·686
12	·594	·607	·644	·661	·681	·706	·722	·711	·695	·652	·651	·637	·640	·661	·673	·682	·699	·707	·712	·697	·681	·659	·630	·619	·668
13	·611	·616	·629	·649	·671	·679	·693	·679	·667	·645	·639	·646	·670	·691	·708	·729	·728	·722	·709	·681	·647	·618	·592	·582	·663
14	·615	·623	·653	·692	·701	·719	·725	·705	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	·663	·645	·638	·636	·639	·657	·675	·688	·704	·701	·693	·664	·647	·614	·589	·582	·661
16	·575	·593	·617	·638	·671	·698	·700	·694	·682	·666	·653	·655	·665	·683	·700	·705	·727	·739	·738	·721	·692	·661	·628	·616	·672
17	·617	·626	·653	·673	·698	·705	·715	·713	·702	·694	·684	·697	·709	·723	·742	·759	·773	·768	·757	·732	·722	·696	·673	·652	·703
18	·647	·648	·667	·686	·719	·752	·756	·754	·753	·738	·721	·715	·728	·745	·754	·772	·783	·782	·775	·766	·741	·722	·693	·668	·729
19	·664	·662	·679	·708	·732	·752	·758	·771	·766	·775	·744	·726	·709	·722	·751	·762	·783	·774	·769	·749	·733	·701	·683	·659	·731
20	·654	·669	·677	·690	·715	·732	·745	·745	·730	·735	·735	·731	·741	·746	·763	·788	·772	·778	·763	·745	·727	·708	·670	·646	·725
21	·638	·650	·672	·682	·733	·744	·734	·733	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	·729	·720	·692	·689	·705	·722	·736	·751	·764	·765	·759	·741	·719	·696	·666	·660	·713
23	·650	·661	·684	·726	·753	·774	·789	·783	·778	·775	·770	·758	·764	·775	·791	·799	·806	·794	·777	·749	·722	·693	·671	·666	·746
24	·666	·674	·696	·715	·741	·767	·778	·772	·768	·751	·746	·740	·748	·758	·766	·777	·789	·793	·776	·742	·710	·688	·662	·638	·736
25	·632	·643	·659	·675	·692	·721	·742	·732	·721	·712	·702	·689	·696	·709	·732	·750	·757	·763	·752	·727	·700	·681	·653	·634	·703
26	·620	·622	·642	·672	·692	·749	·755	·759	·742	·725	·715	·709	·714	·726	·744	·776	·791	·800	·801	·781	·751	·725	·718	·681	·725
27	·671	·688	·702	·735	·764	·777	·766	·761	·753	·737	·732	·716	·725	·733	·758	·766	·788	·798	·788	·767	·741	·723	·702	·688	·741
28	·696	·709	·725	·760	·774	·798	·788	·780	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	·714	·713	·701	·703	·711	·727	·761	·767	·771	·773	·755	·733	·699	·668	·654	·639	·730
30	·628	·640	·662	·671	·693	·715	·733	·733	·728	·717	·719	·705	·707	·719	·742	·768	·781	·786	·779	·755	·726	·701	·688	·667	·715
31	·667	·664	·680	·708	·730	·754	·779	·773	·769	·763	·743	·738	·748	·758	·781	·790	·809	·809	·788	·768	·747	·722	·694	·679	·744
Means	0·634	·643	·665	·689	·715	·734	·742	·736	·724	·713	·702	·699	·708	·721	·740	·755	·766	·764	·754	·733	·709	·682	·658	·641	0·709
1	0·664	0·689	0·714	0·739	0·773	0·780	0·785	0·771	0·758	0·749*	0·745	0·744*	0·749	0·762	0·779	0·794	0·807	0·820	0·782	0·774	0·739	0·719	0·703	0·666	0·750
2	·653	·655	·663	·687	·707	·735	·748	·745	·732	·724	·723	·717	·731	·735	·758	·771	·782	·776	·756	·743	·712	·686	·664	·649	·719
3	·645	·639	·651	·678	·705	·717	·723	·720	·715	·708	·720	·727	·732	·752	·767	·781	·788	·784	·761	·745	·714	·693	·666	·653	·716
4	·654	·653	·671	·697	·741	·772	·767	·755	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	·713	·697	·686	·690	·696	·709	·721	·732	·748	·748	·732	·721	·687	·657	·640	·620	·704
6	·620	·626	·642	·702	·692	·715	·724	·704	·686	·676	·672	·680	·695	·700	·728	·738	·747	·748	·729	·712	·681	·651	·626	·607	·688
7	·598	·600	·626	·654	·681	·702	·708	·694	·689	·687	·682	·679	·701	·729	·743	·762	·776	·771	·764	·747	·722	·703	·687	·667	·699
8	·667	·671	·684	·710	·733	·739	·758	·746	·744	·740	·738	·749	·773	·793	·819	·840	·848	·839	·827	·799	·772	·739	·715	·712	·756
9	·712	·725	·731	·752	·771	·786	·801	·799	·795	·795	·788	·787	·811	·831	·837	·859	·867	·862	·850	·819	·794	·770	·743	·731	·792
10	·723	·725	·739	·756	·771	·785	·796	·782	·774	·757	·752	·758	·776	·789	·791	·808	·815	·822	·808	·789	·758	·721	·709	·691	·766
11	·684	·691	·704	·709	·736	·766	·771	·763	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	·721	·713	·705	·694	·700	·712	·738	·756	·775	·779	·758	·747	·724	·706	·686	·667	·725
13	·665	·674	·692	·724	·735	·768	·796	·779	·750	·731	·717	·725	·729	·744	·774	·803	·808	·809	·794	·774	·737	·714	·689	·668	·742
14	·667	·688	·722	·741	·747	·764	·786	·773	·771	·769	·771	·762	·773	·781	·787	·810	·821	·824	·813	·784	·759	·729	·707	·678	·759
15	·681	·702	·722	·746	·770	·785	·791	·779	·777	·777	·767	·773	·768	·758	·774	·800	·813	·823	·811	·799	·756	·727	·701	·674	·761
16	·660	·674	·719	·739	·785	·798	·787	·777	·774	·769	·751	·744	·749	·754	·757	·762	·780	·784	·772	·778	·751	·721	·697	·676	·748
17	·661	·671	·687	·708	·732	·755	·751	·746	·735	·715	·713	·717	·727	·741	·745	·772	·798	·817	·806	·797	·768	·746	·724	·707	·739
18	·705	·719	·740	·766	·796	·811	·815	·804	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	·848	·844	·825	·825	·829	·838	·856	·872	·888	·880	·868	·849	·821	·794	·774	·762	·814
20	·762	·769	·781	·807	·834	·845	·859	·846	·844	·831	·821	·820	·828	·831	·844	·856	·862	·854	·835	·824	·786	·756	·737	·709	·814
21	·708	·718	·749	·774	·806	·823	·828	·806	·784	·775	·775	·772	·778	·787	·808	·833	·840	·838	·826	·801	·767	·748	·721	·716	·783
22	·713	·726	·744	·768	·784	·798	·807	·805	·800	·786	·771	·762	·776	·792	·803	·825	·835	·836	·830	·813	·781	·756	·736	·744	·783
23	·743	·741	·767	·809	·815	·844	·848	·834	·812	·786	·780	·779	·775	·787	·802	·822	·833	·830	·814	·784	·771	·747	·739	·732	·791
24	·729	·743	·758	·802	·821	·838	·842	·837	·829	·813	·802	·789	·795	·810	·824	·846	·861	·853	·835	·813	·775	·763	·746	·732	·802
25	·739	·767	·777	·799	·834	·857	·862	·859	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	·837	·824	·819	·819	·825	·846	·862	·891	·907	·909	·915	·878	·840	·806	·791	·775	·835
27	·766	·782	·804	·841	·866	·888	·894	·870	·866	·846	·836	·822	·817	·840	·850	·863	·870	·865	·857	·830	·803	·791	·767	·749	·833
28	·752	·759	·784	·812	·845	·862	·868	·858	·836	·805	·786	·777	·787	·794	·806	·836	·849	·838	·821	·787	·766	·730	·690	·667	·796
29	·665	·684	·721	·763	·779	·784	·782	·773	·770	·760	·738	·725	·733	·751	·784	·803	·812	·809	·793	·775	·736	·722	·701	·671	·751
30	·675	·695	·724	·739	·762	·786	·793	·792	·764	·748	·746	·752	·760	·751	·755	·790	·801	·808	·795	·775	·753	·727	·700	·670	·753
31	·687	·701	·729	·752	·785	·799	·813	·794	·782	·782	·762	·770	·761	·758	·785	·801	·798	·781	·773	·754	·725	·695	·663	·642	·754
Means	0·689	·700	·720	·747	·771	·789	·796	·786	·774	·763	·755	·754	·762	·773	·789	·808	·820	·819	·805	·786	·755	·730	·708	·690	0·762

JULY 1860

AUGUST 1860

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

BAROMETRIC PRESSURE—(Corrected)

Barometer at 32°=29 English Inches+the number in the Table

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.*	In.	In.*	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·646	0·664	0·688	0·721	0·742	0·779	0·783	0·761	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	0·686	0·686	0·669	0·664	0·670	0·680	0·694	0·716	0·740	0·747	0·741	0·724	0·690	0·670	0·641	0·623	0·701
3	·625	·647	·669	·703	·728	·729	·717	·712	·709	·688	·685	·678	·688	·702	·722	·753	·762	·756	·738	·712	·697	·663	·634	·613	·697
4	·611	·622	·651	·689	·705	·737	·729	·720	·721	·712	·704	·698	·704	·716	·739	·751	·766	·759	·744	·720	·705	·665	·636	·621	·701
5	·629	·649	·679	·705	·731	·751	·751	·747	·735	·724	·716	·722	·745	·760	·786	·809	·826	·824	·818	·802	·780	·749	·719	·716	·745
6	·718	·727	·737	·758	·790	·793	·809	·804	·795	·787	·777	·790	·794	·795	·831	·851	·860	·858	·836	·805	·770	·738	·715	·701	·785
7	·703	·737	·747	·764	·805	·805	·797	·794	·792	·780	·757	·757	·763	·772	·772	·811	·819	·823	·812	·787	·752	·717	·702	·684	·769
8	·675	·705	·719	·744	·751	·768	·779	·787	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	·812	·808	·787	·786	·782	·796	·823	·846	·876	·878	·865	·838	·813	·790	·766	·762	·790
10	·761	·772	·782	·814	·850	·867	·865	·844	·812	·804	·785	·792	·806	·813	·837	·862	·865	·855	·830	·807	·778	·746	·725	·716	·808
11	·723	·735	·761	·781	·802	·807	·802	·781	·765	·755	·743	·759	·765	·769	·775	·799	·810	·809	·791	·764	·743	·733	·710	·706	·766
12	·718	·727	·734	·759	·775	·789	·787	·769	·757	·720	·716	·716	·709	·725	·736	·774	·790	·791	·782	·747	·727	·713	·692	·712	·744
13	·722	·741	·747	·762	·782	·798	·793	·768	·749	·725	·700	·713	·735	·760	·776	·803	·814	·816	·796	·778	·756	·731	·705	·694	·757
14	·700	·716	·739	·756	·789	·798	·801	·793	·768	·749	·732	·732	·747	·762	·788	·809	·814	·807	·793	·769	·730	·702	·673	·659	·755
15	·656	·668	·694	·721	·737	·746	·754	·729	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	·746	·737	·721	·712	·716	·733	·736	·759	·766	·769	·765	·739	·707	·676	·655	·642	·720
17	·632	·644	·674	·698	·714	·735	·762	·736	·728	·716	·711	·713	·708	·725	·747	·764	·786	·793	·786	·769	·731	·696	·676	·652	·721
18	·639	·658	·688	·721	·756	·793	·782	·773	·755	·738	·733	·742	·748	·759	·775	·800	·805	·817	·802	·783	·746	·729	·703	·691	·747
19	·694	·712	·739	·759	·782	·806	·818	·795	·767	·755	·751	·761	·765	·782	·798	·826	·830	·820	·796	·776	·737	·712	·698	·690	·765
20	·697	·712	·744	·771	·800	·812	·808	·804	·788	·774	·763	·776	·791	·800	·814	·833	·837	·836	·821	·794	·752	·733	·728	·719	·779
21	·727	·749	·776	·801	·821	·835	·840	·830	·810	·792	·772	·776	·781	·793	·794	·823	·837	·835	·823	·793	·757	·717	·707	·688	·787
22	·702	·712	·741	·764	·799	·808	·804	·792	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	·763	·750	·753	·741	·753	·755	·784	·808	·816	·819	·810	·788	·763	·730	·698	·692	·764
24	·691	·690	·720	·762	·785	·789	·785	·780	·765	·740	·728	·722	·734	·753	·781	·806	·816	·804	·803	·768	·732	·707	·678	·672	·750
25	·683	·696	·735	·750	·781	·769	·762	·759	·745	·693	·689	·687	·709	·715	·737	·764	·770	·787	·764	·737	·716	·686	·653	·647	·726
26	·653	·666	·689	·714	·728	·722	·713	·699	·693	·688	·682	·666	·648	·670	·716	·738	·753	·753	·738	·705	·675	·641	·612	·621	·691
27	·631	·646	·666	·687	·720	·726	·720	·708	·704	·690	·667	·661	·676	·690	·727	·754	·780	·782	·767	·742	·710	·678	·651	·640	·701
28	·648	·661	·690	·721	·740	·757	·751	·747	·726	·720	·716	·711	·716	·740	·766	·790	·811	·812	·799	·765	·734	·695	·669	·669	·731
29	·672	·684	·704	·733	·761	·779	·795	·783	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	·781	·764	·758	·743	·749	·780	·811	·815	·836	·818	·804	·778	·737	·712	·696	·684	·757
Means	0·678	·694	·717	·742	·767	·780	·780	·769	·755	·740	·729	·729	·736	·750	·771	·795	·807	·807	·793	·768	·738	·709	·686	·677	0·746

SEPTEMBER 1860

1	0·702	0·708	0·737	0·777	0·806	0·826	0·814	0·804	0·790	0·787*	0·784	0·785*	0·786	0·806	0·830	0·839	0·841	0·833	0·819	0·789	0·770	0·749	0·725	0·731	0·785
2	·740	·756	·780	·810	·833	·844	·854	·835	·818	·804	·800	·799	·808	·838	·856	·872	·882	·884	·856	·820	·793	·764	·737	·727	·813
3	·748	·761	·790	·823	·854	·865	·870	·865	·858	·850	·842	·846	·846	·854	·873	·893	·912	·908	·900	·870	·846	·818	·797	·783	·845
4	·787	·803	·827	·854	·874	·893	·897	·891	·876	·861	·855	·869	·875	·891	·911	·921	·941	·943	·913	·884	·860	·830	·804	·800	·869
5	·802	·817	·854	·887	·895	·896	·898	·901	·893	·883	·884	·877	·898	·926	·946	·978	·972	·956	·939	·907	·879	·848	·827	·819	·891
6	·829	·842	·884	·916	·935	·954	·942	·932	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	·911	·890	·885	·889	·916	·931	·951	·973	·977	·972	·958	·926	·897	·860	·849	·855	·911
8	·864	·881	·893	·912	·929	·935	·928	·907	·899	·897	·889	·886	·900	·917	·925	·943	·938	·940	·911	·879	·839	·809	·778	·778	·891
9	·787	·811	·831	·849	·863	·882	·881	·869	·854	·839	·826	·823	·839	·846	·850	·858	·868	·864	·850	·826	·798	·780	·755	·753	·833
10	·755	·774	·788	·824	·843	·871	·861	·846	·837	·816	·817	·814	·811	·826	·843	·865	·869	·872	·859	·825	·800	·776	·763	·751	·821
11	·764	·779	·813	·849	·871	·884	·880	·875	·875	·858	·854	·849	·865	·878	·892	·906	·915	·919	·901	·879	·855	·828	·806	·800	·858
12	·806	·824	·855	·880	·898	·904	·900	·892	·874	·856	·842	·838	·849	·860	·884	·905	·930	·936	·926	·893	·864	·831	·804	·806	·869
13	·812	·828	·859	·887	·897	·913	·910	·902	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	·843	·836	·820	·816	·822	·828	·858	·885	·886	·884	·865	·845	·834	·795	·771	·764	·848
15	·754	·781	·798	·833	·858	·870	·862	·851	·842	·817	·805	·800	·797	·826	·848	·873	·896	·896	·878	·849	·827	·805	·785	·778	·830
16	·785	·801	·825	·839	·870	·878	·885	·863	·842	·819	·798	·806	·812	·828	·848	·868	·886	·889	·876	·862	·819	·803	·783	·787	·836
17	·790	·812	·824	·840	·855	·860	·848	·841	·832	·825	·821	·816	·821	·840	·871	·901	·919	·919	·895	·877	·845	·816	·789	·793	·844
18	·786	·811	·833	·866	·881	·892	·897	·877	·864	·842	·841	·843	·871	·883	·916	·957	·936	·930	·920	·909	·877	·843	·826	·819	·872
19	·803	·810	·833	·854	·877	·884	·880	·857	·851	·847	·831	·827	·856	·874	·883	·891	·896	·904	·888	·872	·845	·815	·792	·795	·853
20	·797	·798	·809	·828	·839	·839	·833	·839	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	·771	·749	·749	·740	·752	·773	·761	·796	·822	·841	·840	·806	·767	·773	·728	·727	·791
22	·737	·752	·775	·804	·814	·820	·808	·802	·793	·774	·766	·767	·791	·801	·831	·849	·876	·879	·840	·830	·790	·764	·754	·742	·798
23	·737	·774	·802	·833	·863	·865	·847	·834	·818	·801	·793	·788	·797	·826	·838	·853	·866	·878	·858	·828	·798	·771	·755	·760	·816
24	·777	·800	·832	·852	·882	·888	·882	·863	·834	·822	·813	·817	·839	·853	·861	·890	·906	·912	·889	·860	·841	·801	·781	·775	·845
25	·787	·802	·825	·854	·873	·877	·879	·864	·843	·827	·815	·820	·834	·848	·876	·890	·908	·915	·882	·844	·815	·795	·777	·779	·843
26	·792	·803	·818	·838	·847	·851	·842	·833	·814	·810	·807	·800	·806	·831	·853	·867	·879	·879	·861	·835	·815	·793	·775	·767	·826
27	·774	·785	·815	·838	·854	·864	·854	·851	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	·819	·795	·788	·781	·775	·800	·835	·857	·885	·893	·876	·852	·830	·815	·788	·784	·825
29	·788	·792	·810	·846	·868	·879	·875	·874	·847	·827	·815	·808	·830	·838	·871	·887	·910	·899	·886	·862	·835	·807	·799	·791	·844
30	·792	·812	·842	·862	·891	·899	·892	·882	·857	·844	·830	·828	·836	·853	·885	·916	·926	·932	·910	·886	·856	·841	·809	·808	·862
31	·813	·818	·840	·863	·874	·887	·889	·882	·878	·862	·853	·832	·859	·876	·892	·916	·945	·930	·921	·890	·859	·839	·810	·807	·868
Means	0·782	·798	·822	·849	·868	·879	·874	·864	·846	·831	·823	·821	·833	·850	·870	·891	·903	·904	·886	·859	·832	·806	·784	·781	0·844

OCTOBER 1860

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

BAROMETRIC PRESSURE—(Corrected)

Barometer at 32°=29 English Inches + the number in the Table

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.*	In.	In.*	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·809	0·821	0·838	0·872	0·895	0·900	0·893	0·890	0·871	0·854	0·850	0·835	0·856	0·872	0·885	0·898	0·913	0·919	0·902	0·873	0·846	0·822	0·795	0·788	0·862
2	·790	·812	·825	·866	·882	·893	·886	·880	·868	·858	·848	·839	·845	·866	·887	·910	·937	·935	·924	·904	·872	·849	·824	·820	·867
3	·830	·844	·858	·880	·896	·906	·900	·895	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	·933	·904	·881	·886	·897	·912	·923	·948	·958	·963	·945	·916	·894	·870	·863	·864	·899
5	·885	·904	·926	·947	·954	·960	·952	·935	·904	·885	·871	·879	·882	·897	·914	·940	·956	·956	·944	·901	·867	·863	·844	·836	·908
6	·842	·856	·883	·916	·939	·938	·927	·909	·893	·891	·893	·891	·905	·922	·931	·943	·961	·957	·937	·908	·886	·873	·845	·847	·904
7	·862	·875	·895	·918	·935	·942	·938	·922	·904	·899	·891	·890	·905	·924	·938	·971	·992	·994	·990	·953	·922	·900	·878	·873	·921
8	·877	·894	·910	·931	·956	·959	·961	·944	·940	·936	·925	·923	·945	·965	·988	1·004	1·011	1·011	·990	·952	·926	·896	·874	·876	·941
9	·896	·919	·942	·973	·991	1·004	1·006	·991	·965	·950	·948	·931	·935	·955	·967	0·986	·010	·009	1·001	·973	·942	·914	·892	·892	·958
10	·904	·925	·945	·971	·988	·002	0·993	·990	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	·978	·968	·952	·946	·951	·966	·986	1·009	·027	·010	·001	·977	·946	·924	·906	·902	·965
12	·914	·926	·943	·969	·986	0·993	·987	·972	·954	·945	·934	·931	·934	·946	·966	0·990	·012	·004	0·986	·952	·921	·895	·878	·888	·951
13	·896	·914	·944	·965	·978	·989	·985	·971	·957	·934	·910	·907	·920	·928	·934	·965	0·986	0·982	·958	·939	·912	·882	·857	·851	·936
14	·862	·893	·909	·930	·943	·943	·918	·912	·895	·882	·875	·862	·866	·884	·896	·916	·936	·937	·908	·889	·857	·834	·811	·809	·890
15	·805	·821	·849	·873	·890	·897	·885	·872	·858	·828	·823	·828	·836	·842	·853	·875	·905	·909	·894	·863	·836	·818	·807	·807	·853
16	·816	·833	·853	·878	·886	·903	·890	·884	·867	·843	·841	·841	·860	·877	·902	·917	·926	·923	·913	·868	·837	·816	·797	·804	·866
17	·816	·832	·858	·877	·880	·872	·867	·861	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	·826	·815	·814	·812	·833	·849	·861	·878	·900	·903	·892	·858	·831	·794	·785	·789	·846
19	·802	·826	·855	·876	·889	·899	·897	·894	·886	·873	·860	·868	·887	·904	·920	·942	·960	·972	·953	·925	·892	·872	·851	·853	·890
20	·863	·882	·914	·938	·946	·955	·953	·947	·930	·918	·906	·912	·928	·939	·958	·982	1·000	1·004	·990	·961	·928	·899	·886	·884	·934
21	·890	·901	·936	·958	·971	·976	·965	·958	·939	·926	·905	·910	·918	·933	·951	·977	0·995	·004	·990	·953	·919	·892	·875	·875	·938
22	·889	·909	·938	·952	·975	·983	·996	·970	·954	·931	·912	·927	·942	·951	·971	·986	1·016	·019	1·001	·978	·965	·937	·931	·926	·957
23	·946	·956	·989	1·005	1·020	1·035	1·025	1·008	·986	·964	·951	·954	·965	·980	1·007	1·030	·054	·062	·053	1·032	·999	·969	·952	·963	·996
24	·977	·987	1·003	·032	·045	·057	·047	·033	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	1·010	·996	·974	·978	·978	·991	·016	·040	·065	·063	·055	·035	1·000	·984	·969	·963	1·012
26	·962	·983	·005	·040	·054	·060	·057	·053	·039	1·027	1·008	1·006	1·010	1·029	·056	·069	·084	·091	·076	·049	·017	·987	·979	·980	·030
27	·981	·998	·024	·043	·059	·070	·041	·035	·031	·013	·003	0·999	·003	·012	·036	·060	·085	·086	·074	·046	·015	·987	·980	·975	·027
28	·982	·996	·018	·044	·054	·064	·066	·060	·033	·022	·006	1·001	·010	·019	·025	·039	·057	·059	·052	·024	0·987	·954	·948	·946	·019
29	·948	·955	0·993	·006	·021	·033	·023	·006	0·993	0·974	0·960	0·953	0·970	0·982	·007	·012	·022	·015	0·999	0·962	·949	·929	·907	·911	0·980
30	·919	·936	·943	0·974	·006	·008	0·992	0·982	·966	·948	·942	·942	·945	·953	0·964	0·996	·019	·014	1·003	·983	·947	·910	·905	·900	·962
Means	0·883	·900	·923	·947	·963	·971	·963	·953	·938	·922	·911	·910	·920	·935	·952	·972	·992	·992	·978	·949	·920	·895	·878	·878	0·935

NOVEMBER 1860

1	0·913	0·924	0·943	0·972	0·983	0·988	0·966	0·956	—	*	—	*	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	0·941	0·928	0·916	0·916	0·926	0·939	0·952	0·982	1·002	0·978	0·964	0·945	0·923	0·897	0·873	0·876	0·942
3	·884	·900	·912	·943	·956	·961	·953	·940	·920	·911	·903	·912	·926	·948	·962	·984	0·994	·994	·978	·945	·907	·887	·879	·880	·932
4	·889	·901	·920	·945	·960	·963	·960	·943	·935	·916	·907	·918	·929	·948	·965	·990	1·002	·991	·976	·955	·931	·903	·892	·890	·939
5	·911	·925	·951	·968	·974	·965	·951	·945	·919	·901	·889	·893	·894	·903	·921	·958	0·964	·966	·954	·904	·876	·853	·835	·834	·919
6	·847	·863	·896	·920	·935	·939	·925	·904	·872	·855	·852	·839	·847	·853	·869	·886	·912	·920	·900	·867	·830	·814	·801	·807	·873
7	·821	·834	·859	·884	·904	·919	·899	·893	·873	·851	·832	·839	·845	·872	·896	·921	·951	·954	·935	·906	·890	·864	·859	·857	·882
8	·871	·883	·918	·941	·963	·963	·953	·946	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	·972	·956	·939	·935	·940	·948	·960	·993	1·013	1·021	1·001	·985	·954	·926	·908	·915	·950
10	·922	·940	·958	·987	1·007	1·015	1·021	1·007	1·001	·986	·966	·961	·966	·974	·998	1·021	·033	·036	·023	·995	·972	·948	·940	·938	·984
11	·950	·955	·974	·998	·021	·029	·026	·007	0·988	·971	·967	·940	·951	·971	·975	·011	·037	·032	·022	·995	·967	·934	·900	·901	·980
12	·910	·930	·950	·971	0·991	0·992	0·986	0·950	·934	·920	·915	·916	·912	·934	·941	0·967	0·994	0·994	0·985	·952	·930	·903	·890	·886	·944
13	·890	·896	·923	·953	·966	·978	·981	·971	·952	·938	·922	·916	·918	·941	·960	·980	1·000	1·000	·976	·953	·933	·904	·885	·885	·943
14	·884	·896	·916	·942	·960	·966	·976	·962	·962	·953	·934	·932	·941	·954	·971	1·007	·020	·032	1·022	1·008	·982	·958	·936	·945	·961
15	·947	·959	·990	1·006	1·029	1·040	1·029	1·011	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	·993	·976	·962	·953	·960	·973	·990	·015	·035	·045	·033	·003	·975	·944	·914	·902	·987
17	·926	·942	·964	0·993	0·998	·008	·006	0·990	·965	·941	·923	·920	·927	·945	·972	0·998	·014	·025	·000	0·974	·953	·915	·892	·893	·962
18	·901	·924	·947	·985	1·005	·005	0·996	·974	·947	·936	·916	·904	·913	·940	·977	1·005	·032	·042	·033	1·004	·975	·939	·924	·922	·964
19	·928	·944	·969	·987	0·997	·001	·996	·992	·989	·976	·976	·960	·974	·989	1·002	·030	·060	·066	·061	·038	1·016	·998	·977	·978	·996
20	·989	1·004	1·019	1·040	1·047	·054	1·038	1·025	1·013	·995	·986	·980	·992	1·008	·033	·048	·068	·075	·068	·051	·027	·996	·973	·978	1·021
21	·993	·015	·036	·057	·067	·072	·068	·060	·038	1·020	1·008	1·005	1·016	·033	·049	·072	·086	·089	·066	·047	·025	1·002	·964	·960	·035
22	·977	0·985	·004	·028	·046	·050	·041	·030	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	·018	·001	0·993	0·982	0·996	·014	·041	·062	·083	·088	·070	·049	·026	·003	·984	·982	·023
24	·996	1·005	·018	·051	·060	·060	·054	·045	·037	·030	1·002	·994	·996	·024	·031	·058	·074	·083	·071	·044	·014	0·981	·967	·963	·027
25	·978	0·998	·011	·025	·035	·040	·043	·035	·018	·002	0·986	·983	·987	0·995	·023	·047	·068	·074	·073	·043	·016	·997	·976	·972	·018
26	·976	·986	·002	·019	·038	·044	·041	·035	·018	·008	·992	·974	·989	1·000	·024	·060	·077	·075	·071	·049	·026	1·001	·982	·971	·019
27	·980	·982	0·999	·021	·033	·031	·029	·027	·014	0·988	·971	·969	·975	0·988	·009	·036	·050	·054	·053	·018	·001	0·977	·963	·963	·005
28	·971	·990	1·001	·009	·024	·039	·035	·029	·023	1·010	·994	·989	·996	1·016	·031	·054	·072	·073	·066	·043	·022	1·003	·986	·978	·019
29	·991	1·002	·022	·046	·059	·063	·066	·062	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	·076	·054	1·040	1·038	1·042	·057	·080	·103	·127	·139	·127	·105	·079	·052	1·040	1·038	·063
31	1·048	·055	·071	·092	·112	·113	·108	·095	·073	·047	·040	·037	·035	·048	·070	·098	·131	·124	·101	·082	·057	·036	·027	·015	·071
Means	0·934	·948	·968	·992	1·007	·011	·006	0·994	·980	·964	·951	·946	·954	·970	·989	1·015	·035	·037	·024	0·999	·973	·947	·929	·928	0·979

DECEMBER 1860

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

DRY THERMOMETER, STANDARD No. 7

(Corrected to the Kew Observatory Standard Thermometer)

	Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
	Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
		o	o	o	o	o	o	o	o	o	o*	o	o*	o	o	o	o	o	o	o	o	o	o	o	o	o
JANUARY 1860	Dec. 31	77·1	75·4	73·8	73·2	72·7	71·6	70·8	69·6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	1	—	—	—	—	—	—	—	—	67·3	67·4	67·2	67·4	66·6	65·4	65·4	68·3	71·6	75·8	77·5	79·1	79·3	79·7	79·9	79·1	72·5
	2	77·9	76·2	73·8	72·4	70·9	70·4	70·4	68·6	67·9	67·6	66·4	66·6	66·6	66·4	66·2	66·9	70·3	73·9	76·5	79·3	80·5	81·1	80·3	79·4	72·4
	3	77·7	75·7	74·6	72·7	71·5	70·6	69·4	69·4	68·7	68·6	68·4	67·8	67·4	67·4	67·7	72·2	75·9	77·3	77·9	80·1	80·9	78·6	79·2	79·5	73·3
	4	78·0	76·5	75·7	75·3	75·1	74·6	74·4	72·4	73·4	72·4	70·4	67·1	67·4	67·0	67·9	69·7	73·5	77·1	77·3	79·1	79·0	79·5	79·2	78·4	74·2
	5	77·3	75·4	73·6	72·3	71·7	70·4	69·9	68·4	66·4	65·4	65·2	65·6	65·4	65·6	64·4	66·6	71·6	75·1	76·4	79·3	79·0	79·3	79·5	78·6	71·8
	6	77·3	75·5	73·8	73·2	71·1	70·2	69·4	68·7	68·6	68·1	67·9	67·6	67·2	67·0	67·4	69·4	72·9	75·3	78·1	77·8	78·2	78·3	78·0	78·0	72·5
	7	77·0	75·7	74·0	72·3	71·5	70·7	70·2	69·6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	8	—	—	—	—	—	—	—	—	72·8	72·6	72·6	73·0	72·6	71·3	70·5	72·9	76·3	77·6	80·1	81·3	81·3	80·5	80·0	79·1	74·8
	9	79·0	77·3	77·2	76·9	76·3	75·3	75·3	74·4	71·4	70·6	69·8	69·4	69·4	69·3	69·1	71·6	76·3	78·7	79·8	80·6	81·3	81·4	80·1	80·0	75·4
	10	78·7	77·3	77·3	77·2	76·5	76·0	75·5	75·3	74·6	74·4	71·4	70·6	70·3	70·6	70·1	72·7	76·1	78·5	80·2	80·5	81·1	79·1	80·1	78·6	75·9
	11	78·3	77·5	76·5	76·3	76·2	75·5	75·5	75·3	74·6	74·4	74·2	71·6	69·6	68·6	68·9	72·4	75·3	78·5	79·8	80·0	80·2	78·5	79·7	79·3	75·7
	12	78·0	76·9	76·4	75·5	75·3	74·9	74·6	74·2	73·5	72·6	71·4	70·1	69·6	69·8	69·2	72·2	76·5	78·1	78·7	79·3	78·3	78·5	78·8	78·0	75·0
	13	77·5	76·3	74·5	74·1	74·1	74·2	74·4	74·4	74·3	74·0	74·2	73·8	73·4	72·7	73·5	73·5	76·6	77·8	79·2	78·3	79·3	78·4	79·4	77·5	75·6
	14	77·1	75·5	74·7	74·0	73·7	74·2	74·6	73·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	15	—	—	—	—	—	—	—	—	68·6	67·9	69·0	69·5	70·2	70·0	70·2	70·3	73·9	75·7	77·5	79·3	80·5	78·5	79·6	79·3	74·1
	16	78·0	75·6	75·0	75·3	75·4	75·2	75·2	74·4	72·8	71·4	70·6	69·8	69·6	69·6	68·6	70·2	74·3	78·3	79·3	79·4	79·5	79·6	79·7	79·1	74·8
	17	78·3	77·3	76·5	76·3	76·1	75·5	75·2	73·8	72·8	71·6	70·1	70·1	70·0	69·6	68·4	71·4	76·3	78·3	79·1	80·5	80·1	80·2	79·4	79·1	75·2
	18	78·0	76·5	75·5	75·3	74·7	74·6	74·2	73·6	72·7	69·4	68·6	67·6	66·4	66·8	66·1	70·5	74·6	77·5	78·7	79·9	80·3	80·5	79·8	79·3	74·2
	19	77·8	76·3	75·3	74·6	74·2	73·6	73·3	72·6	71·9	67·6	67·5	66·6	66·6	66·2	65·4	68·5	73·3	75·5	77·3	79·1	78·7	78·3	78·4	77·9	73·2
	20	77·0	75·5	74·7	74·3	74·2	73·6	72·1	70·9	71·4	70·9	70·6	70·5	69·6	70·2	70·1	71·6	73·5	76·1	79·2	80·1	79·5	80·5	78·6	78·5	74·3
	21	77·6	76·3	75·5	74·8	74·3	74·4	73·4	71·6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	22	—	—	—	—	—	—	—	—	70·6	71·6	71·5	70·6	69·4	69·5	68·6	71·6	74·4	76·5	78·3	78·0	78·3	80·3	79·1	78·5	74·4
	23	78·0	76·5	75·3	75·3	74·5	74·4	73·6	73·0	74·2	74·0	73·1	73·1	72·5	71·9	70·4	73·2	75·6	77·4	79·1	80·5	81·3	80·5	80·7	79·3	75·7
	24	78·3	76·1	75·2	74·6	74·5	74·4	73·8	73·3	70·6	68·5	67·4	67·4	67·2	66·4	66·4	68·4	72·7	75·2	77·8	79·0	79·5	80·1	79·6	79·4	73·6
	25	77·7	75·4	73·5	72·4	72·3	69·0	68·1	66·9	66·6	66·2	65·6	64·1	63·7	63·4	63·2	67·4	72·2	75·2	78·0	79·3	79·4	79·7	79·5	79·0	71·6
	26	78·0	76·2	75·2	74·9	75·2	73·1	74·1	74·2	73·3	73·1	72·1	70·4	68·7	67·6	66·7	70·4	75·4	77·6	79·3	80·7	80·6	80·4	79·6	79·5	74·8
	27	79·0	76·4	76·3	76·0	75·5	75·5	75·3	74·6	73·8	70·9	69·6	69·0	68·6	67·6	68·5	71·6	75·5	78·3	80·1	81·3	81·7	81·1	80·5	80·4	75·3
	28	79·2	78·0	76·5	76·3	75·5	75·5	75·3	74·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	29	—	—	—	—	—	—	—	—	70·4	70·2	73·4	73·8	74·2	73·6	70·4	73·2	76·3	79·3	81·2	80·8	82·1	80·7	81·4	81·7	76·4
	30	80·2	78·2	77·2	76·7	76·4	76·3	75·8	75·5	72·9	71·6	71·6	71·7	72·4	73·2	72·4	74·2	77·5	79·3	79·8	82·5	82·3	81·8	80·8	81·3	76·7
	31	79·6	78·7	77·5	77·2	76·9	76·8	76·5	76·3	75·4	74·5	73·3	73·0	72·2	71·4	71·7	73·8	76·6	79·1	81·4	81·8	82·1	82·1	81·6	80·9	77·1
	Means	78·1	76·5	75·4	74·8	74·3	73·7	73·3	72·6	71·5	70·6	70·1	69·5	69·1	68·8	68·4	70·9	74·6	77·1	78·8	79·9	80·2	79·9	79·7	79·2	74·5
FEBRUARY 1860	1	80·3	78·5	77·3	76·5	76·4	75·7	75·3	73·8	73·3	72·5*	72·1	71·6*	70·7	69·6	68·6	72·6	75·3	77·3	80·2	82·0	82·5	82·7	82·5	81·8	76·2
	2	81·0	79·3	77·7	77·1	76·2	75·5	74·7	73·4	72·4	72·1	71·6	70·9	70·1	69·2	68·5	71·3	76·2	78·8	80·3	81·3	81·6	82·2	82·6	81·8	76·1
	3	81·9	79·4	77·4	77·1	76·3	75·3	73·8	73·3	72·4	71·4	70·6	71·4	70·4	70·6	69·4	72·9	75·8	79·5	80·8	81·5	82·0	81·6	82·2	81·1	76·2
	4	80·4	79·0	76·6	75·4	73·1	72·4	71·6	70·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	5	—	—	—	—	—	—	—	—	71·2	70·5	69·5	69·6	69·2	68·4	68·4	72·4	75·3	79·2	80·8	81·8	81·9	81·7	81·7	80·7	75·1
	6	79·4	77·7	77·7	75·7	74·2	72·4	71·4	70·4	69·2	68·6	68·2	67·8	68·3	68·4	67·4	71·2	74·9	77·6	80·1	81·7	82·3	82·2	81·7	80·7	74·5
	7	79·8	78·1	77·9	77·5	76·3	74·6	73·0	72·2	71·2	70·6	70·4	70·4	70·6	70·0	70·2	71·9	76·3	79·5	81·7	83·3	83·5	84·5	82·7	82·5	76·2
	8	81·1	78·7	78·5	77·5	76·1	73·7	72·9	72·2	71·2	70·6	69·9	70·1	70·2	70·1	70·4	72·6	76·3	79·5	81·3	85·1	85·5	84·5	83·3	82·3	76·4
	9	80·7	78·7	77·7	75·5	75·0	72·9	72·0	71·2	70·3	69·4	69·2	68·7	68·7	67·9	67·6	70·4	74·4	77·3	79·8	81·9	82·9	83·3	82·3	82·3	75·0
	10	80·7	78·9	77·3	76·6	74·2	71·4	71·1	71·0	71·2	69·8	69·4	68·9	68·4	67·9	68·1	70·4	74·6	77·3	80·0	81·6	84·0	84·7	84·8	83·6	75·2
	11	81·9	79·5	78·3	77·3	75·8	74·4	73·6	72·6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	12	—	—	—	—	—	—	—	—	71·9	70·9	70·6	70·9	71·2	70·6	70·2	73·1	76·1	78·8	81·4	82·5	82·8	82·8	82·7	82·5	76·3
	13	81·2	80·0	78·1	77·1	76·5	75·3	73·4	72·2	71·6	70·4	69·6	69·4	68·6	69·1	69·2	72·5	76·3	79·9	81·7	82·5	83·4	83·5	83·5	82·3	76·1
	14	80·9	79·5	77·6	77·2	76·5	76·3	75·3	74·7	72·4	71·4	71·2	70·4	70·3	69·8	69·5	72·9	76·5	80·7	81·5	82·5	82·3	84·1	83·3	83·4	76·7
	15	81·6	79·5	78·4	78·1	77·5	77·3	76·8	76·6	75·5	73·5	73·4	72·9	72·6	72·4	71·7	75·3	79·5	80·5	81·5	82·3	82·2	83·7	83·6	82·1	77·9
	16	81·4	79·7	78·3	77·6	77·2	77·3	76·8	77·0	77·1	76·3	76·1	74·6	74·2	74·2	74·4	75·8	78·5	80·8	82·5	83·6	84·7	84·3	84·2	84·4	78·8
	17	81·8	80·4	79·5	79·4	79·3	79·2	79·1	78·5	78·2	77·7	77·1	74·6	74·6	74·4	74·5	76·2	79·1	81·7	83·0	86·3	86·6	85·3	84·8	83·4	79·8
	18	82·3	80·8	79·5	79·1	78·5	78·8	78·5	78·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	19	—	—	—	—	—	—	—	—	74·6	73·6	73·4	73·0	72·4	71·5	72·2	75·5	79·6	82·4	83·6	85·3	86·0	86·1	84·7	84·7	78·9
	20	83·8	81·9	80·1	77·2	78·4	78·0	77·3	77·3	77·1	76·1	75·3	73·4	72·5	71·6	72·4	75·3	79·2	82·3	83·0	84·0	84·7	84·3	84·7	83·7	78·9
	21	82·8	81·5	79·8	79·5	79·2	78·8	78·3	78·1	77·8	77·3	76·1	74·4	73·3	73·1	73·4	76·3	79·6	81·4	82·5	84·5	84·9	85·1	83·5	83·8	79·4
	22	83·2	81·1	79·5	78·9	78·4	77·8	77·6	76·8	74·7	73·5	72·4	72·3	72·5	72·9	72·3	75·5	79·2	82·1	83·4	85·0	86·3	86·3	85·7	84·7	78·8
	23	83·7	81·4	79·7	79·5	79·1	78·8	78·3	78·0	77·3	77·1	77·2	76·3	74·4	73·5	73·3	77·0	80·4	83·1	84·3	85·4	86·3	86·8	86·4	85·4	80·1
	24	83·6	80·9	79·5	78·9	78·2	77·6	77·3	77·1	76·5	76·3	74·0	73·2	72·9	72·6	72·6	76·1	80·0	83·2	85·5	85·3	85·5	84·3	85·3	84·8	79·2
	25	83·5	81·5	80·2	79·7	79·3	78·7	78·3	77·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	26	—	—	—	—	—	—	—	—	78·1	76·3	75·7	74·6	74·6	74·4	74·4	78·1	81·4	84·3	87·1	88·3	89·4	88·7	87·6	85·8	80·7
	27	84·8	83·0	82·3	81·1	80·9	80·3	80·0	79·3	78·3	77·5	76·3	75·1	73·7	73·6	74·6	78·1	82·1	84·5	85·5	86·3	87·4	87·5	87·4	85·7	81·1
	28	84·5	82·3	81·6	80·3	79·4	77·7	76·0	74·9	74·2	71·9	72·4	72·2	70·9	70·7	71·9	75·3	78·6	82·4	85·4	88·3	88·5	89·0	87·7	86·7	79·3
	29	85·8	83·4	81·7	80·1	78·7	75·4	74·7	72·9	73·8	73·2	72·7	72·5	72·1	71·6	71·6	75·3	80·1	83·8	87·1	90·5	88·4	89·2	88·5	86·6	79·6
	Means	82·1	80·2	78·9	78·0	77·2	76·2	75·5	74·8	74·1	73·1	72·6	72·0	71·5	71·1	71·1	74·2	77·8	80·7	82·6	84·1	84·6	84·7	84·3	83·5	77·7

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

DRY THERMOMETER, STANDARD No. 7

(Corrected to the Kew Observatory Standard Thermometer)

	Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
	Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
											*		*												
		o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
MARCH 1860	1	84·7	82·4	81·2	80·5	78·6	78·4	78·3	78·1	76·8	74·4	73·7	73·4	73·3	72·4	72·7	75·8	79·6	82·5	85·4	88·5	91·3	91·5	89·0	87·7	80·4
	2	86·0	83·4	81·9	80·5	80·3	79·5	79·1	78·5	77·6	76·1	74·4	74·6	73·6	73·4	73·4	76·6	80·3	84·4	87·1	88·0	87·2	87·2	86·6	86·0	80·7
	3	84·7	81·9	80·9	79·5	78·7	77·5	77·3	77·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	4	—	—	—	—	—	—	—	—	73·4	72·7	72·5	71·6	71·4	70·9	71·4	74·6	79·3	82·5	85·5	85·9	86·1	86·3	86·3	85·4	78·9
	5	84·3	82·2	80·0	78·5	77·8	76·9	75·6	74·4	73·7	72·4	72·4	71·4	70·9	70·4	71·2	74·4	79·0	82·3	84·3	85·5	87·1	86·5	86·3	85·4	78·4
	6	84·4	81·5	80·4	79·6	78·2	78·2	76·8	75·3	73·7	73·4	72·4	71·6	71·4	71·3	71·2	75·5	79·3	82·5	86·3	89·0	89·0	86·8	86·5	85·0	79·1
	7	83·7	81·6	79·8	79·3	79·1	79·0	79·0	78·6	77·1	75·0	74·3	73·0	72·4	72·4	72·4	77·0	81·2	83·5	86·5	87·5	88·0	88·0	87·9	86·5	80·1
	8	84·6	82·3	80·4	80·4	80·0	79·3	79·0	78·3	77·2	75·4	74·3	73·3	72·7	72·7	73·6	77·6	82·5	85·3	86·4	87·5	87·3	86·8	86·7	86·0	80·4
	9	84·7	82·9	81·3	80·6	80·3	80·2	80·2	79·8	79·3	78·3	76·5	76·3	76·7	76·8	77·3	80·7	84·1	86·4	88·3	89·9	89·9	89·5	89·3	88·5	82·4
	10	86·7	83·8	82·3	81·4	81·1	81·0	80·7	80·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	11	—	—	—	—	—	—	—	—	77·2	76·5	75·5	74·6	74·3	73·6	74·5	79·3	83·4	84·4	86·5	87·8	88·4	88·1	87·4	86·5	81·5
	12	85·3	83·5	81·5	80·6	79·7	79·5	78·0	76·3	74·9	74·3	73·4	73·1	73·2	72·9	74·1	77·4	81·8	83·5	85·1	85·9	86·3	87·3	87·2	86·8	80·1
	13	85·9	83·1	81·5	80·6	79·5	78·1	77·3	77·3	75·3	74·9	74·6	74·9	74·4	73·4	74·3	78·3	81·8	83·3	85·3	86·3	86·2	86·3	87·4	86·7	80·3
	14	85·3	83·0	81·4	80·4	79·6	79·3	79·2	79·1	77·3	76·8	76·3	75·2	74·7	74·1	74·7	78·1	81·8	84·4	86·9	87·3	87·4	87·3	87·4	86·7	81·0
	15	85·8	83·7	82·0	81·3	80·5	80·3	80·1	79·3	78·3	77·6	76·9	75·3	74·4	73·7	74·4	78·6	82·6	85·3	86·3	88·1	89·3	88·3	88·4	88·2	81·6
	16	87·0	84·2	82·4	82·1	81·6	81·5	81·1	81·0	80·1	79·4	79·2	78·1	77·3	77·1	77·8	81·8	86·2	87·3	88·3	90·1	88·8	87·3	88·0	86·7	83·1
	17	85·3	83·7	82·6	82·0	81·9	81·8	81·7	81·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	18	—	—	—	—	—	—	—	—	80·1	79·3	79·1	78·3	77·8	77·3	77·5	80·3	83·5	86·1	88·3	89·2	89·9	89·1	89·4	88·2	83·1
	19	85·0	83·6	82·6	82·3	81·9	81·7	81·1	80·1	79·3	78·3	78·0	77·9	76·9	76·7	76·8	81·1	85·3	87·3	88·1	88·2	89·5	88·3	88·5	88·4	82·8
	20	86·7	84·2	82·5	81·2	80·2	80·0	77·3	76·3	76·1	75·9	75·7	74·4	74·3	73·5	74·3	79·1	82·2	85·3	87·3	88·3	88·4	89·1	88·9	88·5	81·2
	21	86·0	84·0	81·9	81·1	80·6	80·2	79·3	77·8	76·7	75·5	75·0	74·8	74·5	73·6	74·8	79·4	83·3	86·9	87·2	88·3	89·2	89·3	88·6	86·5	81·4
	22	85·4	83·3	82·1	81·9	81·3	80·9	80·3	79·9	78·3	76·5	75·3	74·7	74·3	74·2	74·9	79·8	84·4	85·6	87·3	88·1	89·3	89·3	89·5	88·9	81·9
	23	87·5	85·2	82·9	81·9	81·2	80·4	80·5	80·3	80·0	79·1	77·7	76·5	75·8	75·2	76·5	80·9	85·5	87·3	88·4	90·1	90·3	89·3	89·5	88·5	82·9
	24	87·2	85·2	83·4	82·2	82·0	81·5	81·3	80·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	25	—	—	—	—	—	—	—	—	79·3	77·1	77·8	77·5	76·7	76·2	76·8	80·1	84·5	88·1	91·5	94·7	92·5	93·1	91·9	90·4	83·8
	26	88·5	85·5	84·7	83·7	83·3	81·8	81·5	81·1	79·9	78·3	77·5	77·3	76·5	76·1	76·6	80·3	84·2	86·6	90·1	90·5	91·3	91·5	90·5	89·3	83·6
	27	87·7	85·1	84·2	82·7	82·6	81·1	80·6	80·5	80·2	79·3	78·5	78·7	79·3	79·5	80·2	83·2	85·3	89·3	93·0	90·9	91·3	91·0	90·8	89·3	84·3
	28	87·5	85·3	84·3	83·6	82·3	82·6	82·0	81·5	81·1	80·8	79·3	79·0	78·5	78·1	79·1	82·5	86·5	90·8	95·1	92·4	90·6	90·0	89·5	88·8	84·6
	29	87·5	84·8	83·9	83·3	82·3	82·1	82·1	80·8	79·6	78·8	77·3	77·1	76·8	76·8	77·3	82·3	86·0	88·9	91·5	91·8	90·4	91·3	90·3	89·4	83·8
	30	87·3	84·3	84·2	83·3	82·9	81·5	81·3	80·5	80·1	78·7	77·5	76·7	76·3	75·6	77·3	81·3	85·1	87·4	90·5	91·0	91·3	91·1	90·5	89·4	83·5
	Means	86·0	83·6	82·2	81·3	80·7	80·2	79·6	79·0	77·8	76·7	76·0	75·4	74·9	74·5	75·2	79·1	83·0	85·7	87·9	88·9	89·1	88·8	88·6	87·6	81·7
											*		*													
APRIL 1860	March 31	88·3	84·7	83·6	83·3	82·1	81·9	81·5	80·9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	1	—	—	—	—	—	—	—	—	81·3	80·3	80·1	80·1	79·5	79·3	80·5	84·1	87·3	91·1	92·3	92·2	92·2	91·5	91·4	90·1	85·0
	2	88·3	85·5	84·2	83·4	83·2	83·0	82·7	82·1	80·3	79·5	79·3	79·5	79·5	79·4	80·3	83·5	87·3	90·4	91·6	93·3	93·1	93·7	92·3	90·6	85·2
	3	87·3	86·1	84·4	83·3	83·1	82·4	82·0	81·2	80·3	79·8	80·3	80·5	80·7	80·3	80·8	82·5	86·3	90·1	94·3	91·6	91·3	91·0	90·6	88·8	85·0
	4	87·1	85·5	83·7	83·1	82·4	81·7	81·7	81·1	79·5	79·5	79·7	79·8	79·3	79·3	80·3	84·1	86·4	88·9	90·3	92·4	92·7	93·2	92·5	90·3	84·8
	5	88·5	86·3	84·5	83·5	83·1	82·7	82·3	81·5	81·9	81·5	81·1	80·3	79·8	79·3	80·3	85·3	88·3	91·3	93·1	93·5	93·3	92·2	91·5	90·3	85·6
	6	88·8	86·5	84·3	83·5	83·1	82·3	81·8	80·1	79·1	78·3	77·8	78·6	77·9	77·5	79·5	82·9	86·7	87·7	89·3	89·8	89·3	90·3	90·3	88·2	83·9
	7	87·5	85·5	84·1	83·5	83·1	82·2	81·5	80·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	8	—	—	—	—	—	—	—	—	80·5	80·1	79·5	79·0	78·5	78·3	81·0	82·6	83·6	85·3	86·5	88·6	91·3	92·2	91·2	89·3	84·0
	9	86·6	85·0	83·5	82·5	82·0	81·7	81·3	81·0	80·7	80·1	79·9	79·8	79·3	78·4	80·1	84·2	88·7	91·0	93·5	95·0	93·1	92·3	89·6	89·3	84·9
	10	88·3	87·2	85·2	84·3	83·2	83·5	82·8	83·0	82·6	82·3	81·4	81·3	80·2	79·5	81·3	85·3	90·1	93·3	96·8	99·5	99·5	98·6	97·2	93·5	87·5
	11	91·6	89·3	87·9	86·8	86·1	84·3	84·3	83·8	83·4	82·5	81·5	80·8	80·3	80·3	82·1	86·3	90·9	93·4	96·7	98·4	96·5	95·7	95·6	93·8	88·0
	12	91·3	88·5	86·5	86·1	85·4	85·2	84·5	83·7	83·3	83·2	82·7	82·6	82·3	82·0	83·6	86·3	89·5	91·5	95·5	98·2	100·4	93·5	93·4	91·8	88·0
	13	90·9	88·1	86·5	85·5	85·0	84·5	84·5	84·1	83·8	82·8	82·3	82·1	82·0	81·8	83·2	85·3	89·2	93·7	96·0	93·9	93·3	92·3	92·2	90·5	87·2
	14	89·3	86·8	84·9	84·4	83·7	83·5	82·8	82·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	15	—	—	—	—	—	—	—	—	81·3	80·1	79·5	79·3	79·0	79·3	81·5	84·8	88·1	91·0	92·0	92·8	93·3	92·4	91·3	90·1	85·6
	16	88·7	86·2	83·4	82·8	82·3	82·5	82·0	81·7	80·4	80·3	80·1	79·5	79·5	79·2	81·5	84·5	88·3	90·6	91·3	91·2	90·5	89·6	90·6	89·4	84·8
	17	87·4	85·3	84·1	83·1	82·3	82·2	82·1	82·0	81·5	80·4	79·5	79·3	79·1	78·6	80·3	83·8	87·1	90·8	91·2	91·7	90·8	90·7	89·8	89·4	84·7
	18	87·5	84·8	84·0	83·3	82·8	81·5	81·4	80·6	79·4	77·5	76·8	76·3	76·1	75·3	78·5	83·5	86·6	90·1	91·7	90·5	91·5	91·2	90·4	89·3	83·8
	19	87·5	85·3	83·3	82·5	82·1	81·8	81·5	80·5	80·3	78·5	76·7	76·3	76·3	75·8	77·6	83·1	85·9	88·3	89·3	90·2	90·2	90·0	90·6	89·3	83·5
	20	87·7	85·8	83·0	82·1	81·8	81·5	81·1	80·7	79·1	77·5	76·3	76·3	75·5	75·5	77·5	82·3	86·2	89·3	91·8	92·8	92·3	92·4	92·5	91·2	83·8
	21	89·6	86·4	84·3	83·3	82·3	82·1	81·9	81·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	22	—	—	—	—	—	—	—	—	81·5	80·8	79·5	79·9	79·8	79·5	82·3	86·1	90·2	92·7	92·8	93·4	94·1	94·1	93·2	92·5	86·0
	23	89·5	87·2	85·4	84·0	83·9	83·5	83·4	82·6	81·3	80·3	80·1	80·2	80·5	80·2	83·3	87·1	89·3	92·1	92·0	92·3	92·7	92·7	92·3	90·5	86·1
	24	90·0	87·9	85·7	84·6	84·0	83·4	82·9	82·8	81·9	80·5	79·3	79·3	78·8	78·7	82·3	85·8	89·3	89·8	91·1	91·5	92·1	91·3	91·3	89·3	85·6
	25	88·5	86·8	84·5	83·7	82·5	82·4	82·3	81·7	81·3	80·9	79·1	78·3	77·5	77·4	80·5	84·3	87·3	89·3	90·8	91·8	92·1	92·3	91·0	90·2	84·9
	26	89·1	86·7	84·2	83·3	82·6	82·3	82·0	81·1	78·8	78·0	78·0	77·8	77·3	76·1	79·4	83·3	88·2	91·6	91·5	92·3	92·4	91·8	90·5	90·2	84·5
	27	89·1	86·7	83·9	83·1	82·6	82·2	81·5	81·2	81·3	80·3	79·1	77·3	77·1	77·4	81·1	85·3	88·3	90·8	91·3	92·3	92·3	91·6	91·2	90·3	84·9
	28	90·1	87·5	84·5	83·5	83·3	82·3	82·3	81·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	29	—	—	—	—	—	—	—	—	80·5	79·4	79·1	79·1	78·9	78·2	80·8	85·5	89·3	91·8	93·1	92·6	93·4	94·8	92·8	91·7	85·7
	30	90·3	86·4	85·6	84·4	84·4	82·5	82·4	81·9	80·5	79·8	79·1	79·1	79·3	79·1	81·8	85·9	89·3	92·5	96·1	94·3	93·8	93·4	93·4	91·9	86·1
	Means	88·8	86·5	84·6	83·7	83·2	82·7	82·3	81·7	81·0	80·2	79·5	79·3	79·0	78·7	80·8	84·5	88·0	90·7	92·4	92·9	93·0	92·5	91·9	90·5	85·4

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

DRY THERMOMETER, STANDARD No. 7

(Corrected to the Kew Observatory Standard Thermometer)

	Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
	Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.14	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
MAY 1860		°	°	°	°	°	°	°	°	°	* °	°	* °	°	°	°	°	°	°	°	°	°	°	°	°	°
	1	90·7	87·7	86·1	85·3	84·3	83·5	82·9	82·6	82·2	81·6	81·3	81·3	81·3	80·8	83·2	86·0	88·8	92·9	97·3	100·1	94·5	93·5	93·3	92·7	87·2
	2	90·9	88·0	86·3	85·5	85·3	84·3	84·1	83·5	82·9	82·8	82·3	82·1	81·6	82·1	85·1	88·1	91·3	93·3	92·3	92·5	93·7	93·7	92·7	91·5	87·3
	3	89·5	88·3	87·1	86·2	85·5	84·8	84·6	84·3	84·3	83·9	83·3	83·3	83·1	83·1	84·5	88·7	91·5	94·1	97·4	93·3	93·3	91·5	91·9	91·3	87·9
	4	89·2	86·7	86·3	85·8	85·3	84·9	84·5	83·8	84·1	83·5	83·3	82·6	82·8	83·0	85·9	88·3	89·1	91·4	92·8	93·1	91·8	92·8	92·7	92·6	87·3
	5	90·5	87·3	86·3	85·7	84·7	84·3	84·1	83·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	6	—	—	—	—	—	—	—	—	82·1	82·0	82·0	82·3	82·1	82·2	84·5	88·3	90·9	92·4	92·7	93·3	93·2	93·3	93·2	92·3	87·2
	7	91·3	88·1	86·2	85·4	85·2	84·6	84·3	84·1	83·7	83·3	83·0	82·6	82·5	83·1	84·7	87·2	91·5	94·2	94·3	94·3	84·8	95·0	94·5	93·4	88·0
	8	91·5	88·7	86·2	85·8	85·3	85·0	84·5	84·5	84·9	84·8	84·6	84·1	83·5	83·4	85·8	89·4	92·6	97·4	100·2	98·2	96·4	95·8	96·4	95·7	89·4
	9	93·2	89·9	86·6	86·5	86·2	87·0	87·3	87·7	87·3	86·5	85·6	85·2	84·5	84·3	87·1	90·3	94·6	97·2	97·6	97·2	98·2	98·7	98·3	97·6	90·6
	10	93·7	91·2	88·1	87·5	87·3	88·1	87·4	87·5	87·6	87·8	87·5	86·3	85·8	85·3	87·5	92·3	95·3	100·1	103·1	105·0	100·2	99·0	99·1	97·8	92·1
	11	96·3	92·0	90·8	90·1	88·8	88·5	87·8	86·5	85·3	85·1	85·1	84·3	83·8	83·9	85·8	91·0	95·1	98·2	100·7	100·4	99·2	96·2	95·7	96·2	91·1
	12	94·3	91·4	88·5	87·5	86·7	86·4	86·3	85·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	13	—	—	—	—	—	—	—	—	85·9	85·4	84·9	84·5	84·1	84·1	86·4	90·1	93·8	97·6	100·4	101·8	99·7	99·2	98·6	97·6	90·9
	14	94·7	90·9	88·5	89·1	88·4	87·5	87·3	86·8	85·8	85·6	85·3	84·5	84·3	84·3	86·5	90·3	94·6	97·7	101·2	100·8	99·2	98·2	97·2	95·8	91·0
	15	95·2	91·2	88·5	88·4	87·5	87·4	86·5	86·0	85·6	85·5	84·8	84·7	84·4	84·3	86·8	90·8	94·3	98·4	101·2	104·0	99·2	98·2	97·6	97·4	91·2
	16	96·6	94·1	90·5	89·7	89·3	87·8	87·3	87·1	86·8	86·4	86·3	86·1	84·3	83·2	85·4	91·2	95·7	100·0	102·2	101·2	101·1	99·2	99·2	97·8	92·0
	17	96·6	92·5	92·1	91·3	89·1	88·1	88·3	87·0	85·3	84·3	84·0	82·8	82·2	81·3	85·6	90·9	94·1	96·0	99·0	98·0	99·0	97·2	97·6	97·2	90·8
	18	96·3	91·9	88·5	87·5	87·0	87·1	86·6	86·3	85·3	85·1	84·1	83·5	82·8	81·7	85·3	89·8	92·5	96·0	97·0	97·2	96·2	97·2	95·2	96·2	89·8
	19	95·6	92·5	89·8	88·5	88·0	86·9	86·3	86·1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20	—	—	—	—	—	—	—	—	84·1	83·1	83·3	83·1	83·3	83·0	86·1	89·3	92·5	95·0	98·4	100·5	97·0	96·2	95·7	94·2	89·9
	21	94·0	90·9	88·1	87·3	86·5	86·3	86·1	86·1	85·3	85·3	85·2	84·8	84·1	83·3	86·5	90·5	94·3	94·6	96·0	96·3	96·6	96·7	94·2	94·1	89·7
	22	92·0	91·4	89·0	87·7	87·6	87·6	86·8	86·3	85·3	85·1	84·4	84·1	84·1	84·1	87·3	91·3	94·5	96·1	100·4	101·2	103·7	97·2	96·4	94·3	90·7
	23	93·2	89·9	89·5	88·5	88·1	87·3	86·7	86·5	86·3	85·3	84·4	84·0	82·4	82·3	83·5	88·0	93·0	96·7	100·7	104·2	100·4	95·7	93·3	92·2	90·1
	24	92·1	92·3	91·1	89·6	87·1	86·3	84·5	83·5	83·5	85·3	85·5	84·1	83·3	82·5	85·2	89·5	94·8	98·2	99·2	102·2	102·7	105·1	105·3	105·2	91·6
	25	104·0	96·6	96·2	94·0	92·4	90·3	90·3	90·3	90·0	89·3	88·9	87·9	87·3	87·0	89·0	92·3	94·7	98·5	102·0	103·3	105·6	101·2	101·9	101·5	94·8
	26	99·4	96·2	91·5	90·3	90·1	90·0	89·3	88·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	27	—	—	—	—	—	—	—	—	89·3	88·5	86·6	86·3	85·7	85·7	89·3	94·5	97·3	101·7	103·1	103·3	103·5	100·6	100·1	98·8	93·7
	28	97·6	94·7	92·5	91·3	90·6	89·6	88·3	88·0	88·5	87·6	88·1	87·3	86·3	85·8	88·3	93·5	96·0	100·0	102·4	101·0	99·4	98·7	97·2	96·2	92·9
	29	92·4	90·7	89·1	88·6	88·4	88·2	87·8	87·3	86·3	86·3	86·1	85·3	85·1	84·5	87·5	91·2	95·2	99·2	102·1	104·8	102·3	99·8	97·4	96·3	91·7
	30	91·7	90·9	92·2	88·8	88·8	87·9	87·1	87·2	86·3	86·1	86·2	86·5	85·6	84·5	86·3	91·7	95·3	98·4	101·7	103·1	104·2	99·6	97·8	97·4	91·9
	31	95·5	92·5	90·3	90·0	89·1	88·2	87·8	87·8	87·1	85·5	86·1	84·8	84·3	84·1	86·4	89·1	92·8	96·0	99·2	101·5	95·6	94·3	96·2	93·7	90·7
	Means	94·0	91·1	89·1	88·2	87·5	87·0	86·5	86·1	85·6	85·2	84·9	84·4	83·9	83·6	86·1	90·1	93·6	96·7	99·1	99·7	98·5	97·2	96·6	95·8	90·4
JUNE 1860																										
	1	93·3	91·3	89·8	88·9	87·7	86·4	85·8	85·8	86·1	* 86·1	86·1	* 85·3	85·1	84·3	87·2	89·3	93·6	97·7	100·7	103·1	100·4	98·2	97·2	95·2	91·0
	2	95·3	93·7	89·8	89·4	89·1	87·8	88·0	88·1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	3	—	—	—	—	—	—	—	—	87·5	87·3	86·8	86·4	86·0	85·5	87·2	88·3	95·1	97·2	100·7	99·2	100·8	101·1	103·0	96·8	92·1
	4	93·4	92·3	89·8	89·1	89·3	89·5	87·1	85·5	85·4	85·5	85·1	84·1	84·5	85·3	86·3	87·5	93·3	94·3	95·4	95·7	95·1	94·9	94·4	94·3	89·9
	5	91·5	89·7	87·5	87·4	86·9	86·8	86·7	86·5	86·1	85·8	85·5	85·2	85·3	84·3	84·3	86·5	89·8	91·3	94·6	97·0	95·1	95·3	94·6	93·4	89·0
	6	92·4	92·3	90·2	89·5	88·9	86·3	85·3	85·3	85·3	85·1	84·1	83·3	82·3	82·7	83·3	84·2	83·3	85·1	89·0	91·3	95·7	98·2	93·5	90·7	87·8
	7	89·9	87·5	85·8	85·5	85·2	85·7	85·5	85·0	84·0	83·4	82·4	82·6	82·3	82·3	84·1	89·3	92·5	95·2	96·0	100·2	94·3	96·0	97·6	95·2	88·6
	8	95·9	91·4	88·3	87·3	87·2	87·1	81·5	80·9	80·9	80·6	80·2	80·5	80·3	80·3	82·8	87·3	89·8	92·6	94·8	96·2	96·7	96·8	98·7	93·3	88·0
	9	90·4	88·2	83·2	83·5	83·8	84·1	84·5	84·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	10	—	—	—	—	—	—	—	—	86·5	85·5	85·1	84·3	83·3	83·3	84·9	87·3	90·8	95·2	96·8	97·0	98·2	99·7	92·7	91·4	88·5
	11	91·4	88·5	87·3	86·5	86·5	86·5	87·0	87·1	86·7	86·1	85·6	84·8	84·0	83·3	85·5	89·3	91·4	94·3	96·4	98·2	97·0	94·9	91·7	90·7	89·2
	12	90·6	87·4	85·6	85·6	86·1	85·8	85·3	85·1	85·1	85·0	84·5	83·3	83·0	82·5	83·8	87·3	90·3	94·2	95·8	99·1	101·2	95·2	94·6	91·2	88·6
	13	92·3	88·2	87·1	86·2	86·1	85·8	86·3	86·3	85·3	85·0	84·0	83·8	83·5	82·3	86·1	90·0	93·1	96·2	98·2	100·2	102·0	97·4	100·1	102·6	90·3
	14	95·6	93·2	88·3	87·4	89·6	92·0	91·6	89·7	89·2	88·5	87·8	85·8	84·8	84·3	86·5	89·5	92·2	94·3	98·2	99·4	100·4	101·7	101·5	103·1	92·3
	15	102·2	100·3	91·3	95·4	95·1	93·2	91·6	90·5	89·3	88·7	87·5	86·6	85·8	84·5	87·5	88·8	91·3	93·3	96·4	98·6	100·6	102·2	102·3	102·5	93·6
	16	101·2	99·1	97·0	95·4	94·3	93·6	92·4	91·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	17	—	—	—	—	—	—	—	—	82·5	82·4	82·3	81·3	80·5	80·5	84·1	87·4	89·8	91·3	93·3	94·5	96·7	97·3	91·9	90·5	90·4
	18	88·5	87·7	85·8	85·2	84·8	84·8	84·5	84·1	83·6	83·3	82·8	82·6	82·3	81·6	83·1	86·8	92·3	92·8	95·4	97·7	99·5	96·3	95·2	92·4	88·0
	19	91·5	89·4	87·1	85·7	85·7	85·3	84·8	85·1	85·1	83·9	83·5	83·0	82·8	82·8	83·5	86·3	90·3	90·1	92·6	95·2	95·2	92·5	90·7	88·5	87·5
	20	81·1	81·4	81·4	82·0	82·1	80·5	80·2	79·9	80·8	81·1	80·2	78·8	78·2	77·3	77·5	79·3	80·2	81·7	84·5	88·2	91·3	91·8	93·3	91·3	82·7
	21	86·3	84·3	83·5	83·2	82·5	82·5	82·3	82·1	82·1	82·1	81·3	80·7	81·0	81·0	80·1	81·3	83·5	85·5	87·4	90·5	91·6	92·6	94·9	90·2	84·7
	22	87·7	85·9	84·6	83·9	83·2	83·5	83·1	82·8	82·3	82·2	81·8	81·6	81·0	80·6	83·1	86·3	88·8	90·8	93·7	95·6	95·6	93·0	92·4	92·1	86·5
	23	90·9	88·7	86·3	85·4	85·0	84·5	84·3	84·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	24	—	—	—	—	—	—	—	—	84·5	84·3	84·2	83·5	83·5	82·8	83·6	87·3	89·6	92·6	95·2	97·6	101·1	102·4	102·0	100·4	89·3
	25	96·3	91·3	89·7	89·7	88·3	84·3	84·5	84·3	84·5	84·3	84·2	84·2	84·0	83·3	85·1	87·1	88·8	91·4	93·5	96·7	98·2	98·4	100·2	96·1	89·5
	26	91·6	89·5	88·4	87·8	87·1	85·3	84·5	84·3	84·4	84·4	84·4	84·8	84·8	84·5	85·9	89·5	89·6	92·3	95·4	97·6	99·4	100·8	101·2	100·8	89·9
	27	93·4	90·3	89·5	89·3	88·5	86·6	85·6	85·6	85·6	89·1	86·0	85·3	84·5	84·5	85·4	87·4	90·9	93·8	95·2	97·3	98·2	96·3	96·4	94·3	90·0
	28	91·5	91·2	88·5	87·3	86·7	85·9	85·1	84·5	84·3	85·3	85·3	85·3	85·1	84·1	84·8	88·0	90·8	92·4	94·4	97·2	96·1	94·0	92·1	92·2	88·8
	29	89·8	87·7	87·5	87·2	86·5	85·7	81·3	81·3	82·7	82·1	81·8	81·5	81·0	80·8	82·1	83·5	88·2	91·3	92·2	94·3	96·4	97·4	97·2	92·0	87·1
	Means	92·2	90·0	87·7	87·4	87·0	86·4	85·6	85·2	84·8	84·7	84·1	83·5	83·2	82·7	84·3	87·0	90·0	92·3	94·6	96·7	97·5	97·0	96·4	94·4	88·9

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

DRY THERMOMETER, STANDARD No. 7
(Corrected to the Kew Observatory Standard Thermometer)

	Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
	Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
JULY 1860		o	o	o	o	o	o	o	o	o	* o	o	* o	o	o	o	o	o	o	o	o	o	o	o	o	o
	June 30	89·5	87·4	87·3	86·2	84·3	83·5	83·3	82·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	1	—	—	—	—	—	—	—	—	83·4	83·3	84·1	84·1	83·8	83·3	83·8	85·8	88·3	90·9	94·9	95·3	97·4	100·4	100·9	99·9	88·5
	2	98·8	98·5	89·1	87·8	87·5	85·8	86·3	86·5	88·3	87·3	86·6	86·3	85·1	84·7	85·3	87·8	91·1	92·3	95·2	95·5	97·2	98·2	98·7	90·1	90·4
	3	88·9	88·8	86·9	84·6	84·8	85·2	84·6	84·3	85·6	85·6	84·5	84·3	83·9	83·0	84·5	87·3	88·1	89·3	91·2	93·2	94·1	95·3	97·2	97·4	88·0
	4	89·3	88·5	86·3	83·3	81·8	81·5	81·3	81·1	80·6	81·3	80·8	81·8	81·8	82·2	84·1	86·5	87·3	91·9	93·0	95·4	96·5	98·8	99·7	100·5	87·3
	5	100·5	98·4	94·7	93·5	88·3	87·9	86·5	85·5	84·7	83·9	83·6	84·3	85·1	85·3	85·5	88·5	90·6	93·8	95·4	97·2	99·5	100·7	101·4	92·5	91·1
	6	91·3	89·2	87·1	87·0	86·1	86·0	86·0	85·9	85·0	84·8	85·8	85·3	84·3	84·0	85·3	87·3	89·8	93·3	94·7	98·0	100·5	102·7	95·8	94·4	89·6
	7	93·5	90·1	87·4	87·5	87·2	86·4	86·1	85·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	8	—	—	—	—	—	—	—	—	83·9	83·3	82·9	81·7	81·3	82·0	83·3	87·8	89·9	92·3	93·3	94·8	95·5	99·0	99·2	95·2	88·7
	9	91·2	88·2	86·5	86·3	86·0	86·0	85·6	85·5	81·5	80·3	79·3	79·0	78·5	78·5	79·2	80·8	83·5	88·2	90·5	91·5	95·2	97·2	96·1	97·7	86·3
	10	89·8	86·3	85·6	84·5	85·2	84·8	84·8	84·3	84·1	83·3	83·1	83·3	82·5	81·5	82·3	85·6	87·4	92·3	94·8	96·2	98·1	98·1	94·3	92·0	87·7
	11	89·1	88·3	86·7	86·2	85·1	83·8	83·8	83·8	83·3	83·1	83·3	82·6	82·6	82·3	82·4	83·3	84·3	86·5	89·5	93·3	94·5	95·7	96·1	96·0	86·9
	12	92·4	91·1	86·3	82·7	83·6	82·3	79·9	77·4	78·7	79·1	79·2	80·3	79·5	79·2	79·4	81·6	84·9	86·3	87·3	89·3	90·6	93·2	93·4	93·3	84·6
	13	90·8	87·6	85·9	84·9	84·5	84·3	82·5	82·1	82·1	82·3	82·0	81·8	80·2	79·6	79·5	82·1	86·6	88·5	90·8	91·9	92·9	94·9	90·3	90·3	85·8
	14	83·4	84·3	83·0	82·5	81·2	81·5	80·7	80·6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	15	—	—	—	—	—	—	—	—	82·4	82·4	81·6	81·7	81·5	81·3	81·7	83·5	85·8	89·3	91·1	94·5	94·7	94·4	95·2	94·4	85·5
	16	94·1	92·9	90·9	89·2	88·3	87·5	85·5	85·8	86·1	85·8	85·3	83·8	83·3	83·5	84·6	87·5	89·8	90·3	91·6	93·9	94·4	94·6	93·0	92·5	88·9
	17	90·8	88·2	86·7	86·3	86·3	85·1	85·0	84·9	85·1	85·0	83·2	83·2	83·1	83·3	83·3	86·5	88·3	91·1	94·1	95·6	97·3	100·4	93·4	93·1	88·3
	18	90·9	89·1	87·7	86·5	86·3	85·8	86·1	85·3	82·5	78·8	79·8	80·1	80·3	80·7	81·8	84·2	85·6	87·6	90·3	92·3	93·4	94·3	94·3	92·3	86·5
	19	90·4	88·5	86·3	85·5	85·3	84·8	84·5	84·5	84·1	75·6	75·3	76·3	77·9	78·3	80·3	84·1	88·1	90·3	92·5	93·5	93·6	96·8	92·8	91·5	85·9
	20	90·3	89·3	85·1	84·1	83·2	83·3	82·9	82·9	82·8	82·3	77·5	77·3	76·9	77·5	77·8	80·1	81·6	86·9	89·0	92·3	91·2	93·3	95·1	95·7	84·9
	21	93·3	89·4	86·2	85·3	83·2	81·3	81·3	81·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	22	—	—	—	—	—	—	—	—	81·1	79·6	79·3	79·2	78·9	78·7	80·8	83·5	86·5	89·3	91·3	92·8	95·2	96·0	97·0	92·5	86·0
	23	91·5	89·3	86·2	85·4	85·0	84·6	84·2	80·3	79·7	79·3	79·3	79·3	79·2	79·3	80·3	83·5	86·3	87·8	90·3	93·3	95·1	94·7	91·5	92·5	85·7
	24	91·7	87·7	86·1	82·9	80·9	79·0	79·9	80·4	80·4	80·1	78·5	78·1	78·2	78·2	78·3	80·5	84·3	85·6	87·5	91·3	94·8	94·7	97·0	96·0	84·7
	25	95·3	89·2	85·5	84·4	83·7	83·4	83·3	83·3	82·8	82·3	82·1	82·2	81·6	80·8	82·3	84·8	88·1	90·3	92·3	95·2	96·7	98·0	99·4	97·4	87·7
	26	98·1	95·8	88·9	86·2	85·4	79·4	80·5	80·8	80·8	79·8	79·6	79·5	79·3	80·0	81·5	82·3	84·6	86·3	88·3	90·1	93·3	93·5	91·7	92·7	85·8
	27	91·5	90·1	87·5	86·0	85·0	84·0	82·4	81·3	81·1	80·1	80·3	80·3	80·2	79·3	81·2	82·3	84·8	88·5	91·6	93·7	94·3	93·1	93·1	93·1	86·0
	28	91·3	89·4	88·4	87·7	86·7	86·0	84·0	83·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	29	—	—	—	—	—	—	—	—	82·5	82·3	83·1	82·4	81·8	81·5	83·2	84·8	87·4	89·1	91·5	93·7	96·0	98·2	97·1	96·8	87·8
	30	90·9	88·3	86·3	85·3	84·3	84·2	84·0	83·5	82·4	81·5	81·0	80·8	81·5	81·8	81·6	83·0	84·5	87·8	90·0	91·9	93·7	94·2	94·5	94·2	86·3
	31	89·7	86·6	85·9	85·3	84·3	83·8	83·8	83·3	83·5	82·5	81·8	82·0	81·8	81·2	81·6	83·3	85·4	88·8	92·1	94·2	95·7	97·2	99·1	98·9	87·2
	Means	91·8	89·7	87·1	85·8	84·9	84·1	83·7	83·2	82·9	82·0	81·6	81·5	81·3	81·1	82·0	84·4	86·8	89·4	91·6	93·7	95·2	96·6	95·8	94·6	87·1
AUGUST 1860																										
	1	96·6	87·7	85·3	84·2	84·3	83·8	83·7	83·3	82·4	* 82·4	82·3	* 81·7	81·5	80·7	82·2	84·5	88·3	89·5	91·9	92·3	92·8	93·9	94·3	94·8	86·9
	2	93·6	91·5	89·7	88·6	86·7	86·3	85·9	85·5	84·4	84·3	83·9	83·4	83·3	83·0	83·4	85·1	87·4	89·5	92·6	93·4	95·2	96·0	97·4	97·4	88·6
	3	95·2	93·6	91·5	89·3	89·3	88·3	87·1	86·9	86·9	86·0	84·5	84·2	83·2	82·8	82·8	85·9	86·5	90·0	93·6	95·2	96·0	97·0	98·3	97·4	89·6
	4	96·8	94·7	89·8	88·2	85·8	85·5	85·2	85·1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	5	—	—	—	—	—	—	—	—	82·5	82·1	81·3	81·5	82·1	82·1	82·5	85·1	89·5	91·6	93·7	95·1	98·4	98·1	98·2	91·2	88·6
	6	88·0	87·5	83·6	81·0	80·7	81·1	81·1	81·3	81·8	81·3	81·3	81·3	81·1	80·7	80·9	83·3	86·8	89·3	90·3	92·3	93·2	96·1	97·2	97·4	85·8
	7	96·2	91·2	86·5	85·4	84·3	84·1	84·1	83·8	83·1	82·5	82·5	81·6	81·4	81·2	81·4	83·0	86·3	89·5	92·3	94·2	95·7	98·4	94·5	92·2	87·3
	8	89·5	87·3	85·1	84·2	83·5	83·3	83·2	83·1	83·1	82·6	81·5	80·5	79·6	79·3	81·5	85·6	88·2	91·3	93·8	95·7	98·2	100·2	96·6	93·0	87·1
	9	91·5	89·2	87·0	85·5	84·8	84·1	84·0	83·6	84·0	83·8	83·5	82·8	82·1	81·3	82·3	86·5	90·8	92·7	95·1	93·3	94·4	95·1	94·9	94·6	87·8
	10	92·0	88·3	86·5	86·1	84·9	86·1	85·2	83·5	83·5	82·8	81·8	80·8	79·2	79·4	79·4	80·8	84·3	87·5	90·0	92·5	94·5	94·8	91·4	90·0	86·1
	11	86·9	85·5	83·5	82·5	82·5	83·0	81·3	81·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	12	—	—	—	—	—	—	—	—	81·3	81·1	80·3	79·3	79·8	80·0	81·2	83·5	85·8	88·5	90·3	92·1	92·6	93·7	94·1	94·2	85·2
	13	93·3	88·7	86·5	85·1	83·5	82·3	81·5	80·6	80·1	79·6	78·5	78·3	78·3	78·5	79·5	82·4	84·5	87·1	90·5	92·4	93·5	95·5	97·2	96·9	85·6
	14	90·2	87·5	86·1	85·5	84·7	83·3	83·1	82·8	82·5	82·3	82·1	81·2	80·8	79·5	80·1	82·1	85·3	88·7	91·3	94·2	96·2	93·9	93·4	92·2	86·2
	15	90·2	88·0	86·5	85·7	85·1	84·3	84·3	83·8	83·5	84·1	84·1	83·5	79·3	78·5	79·0	79·8	80·8	84·3	87·3	89·9	90·5	90·8	88·5	88·5	85·0
	16	88·5	86·3	85·3	84·7	84·3	84·1	83·5	83·5	82·4	82·6	79·3	77·5	77·3	77·2	77·5	78·3	79·2	80·5	82·1	82·1	82·2	82·8	83·5	84·5	82·0
	17	83·9	82·5	82·1	81·0	80·8	80·3	80·5	80·2	79·6	79·3	79·3	76·1	75·5	75·4	77·1	78·5	81·5	84·2	87·5	88·2	88·3	88·7	89·2	88·0	82·0
	18	86·7	85·2	84·2	83·1	82·5	82·1	81·8	81·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	19	—	—	—	—	—	—	—	—	81·5	80·8	80·4	79·5	79·1	78·8	80·5	84·4	88·5	89·6	91·0	92·5	92·7	91·6	91·4	90·0	85·0
	20	87·7	86·7	84·5	83·9	83·3	83·2	82·5	81·5	81·3	81·3	80·6	80·3	79·8	79·4	81·5	84·3	86·8	89·3	91·5	93·3	93·0	92·5	92·0	90·4	85·4
	21	88·5	86·7	84·7	84·0	83·7	83·3	82·8	82·5	82·2	81·8	82·0	81·3	81·2	80·7	81·3	83·3	87·1	89·9	92·3	93·6	93·7	92·3	91·4	90·3	85·9
	22	88·2	85·7	84·3	83·7	83·1	83·1	82·6	82·6	82·4	82·0	81·3	80·5	80·2	80·0	81·4	84·8	87·5	89·5	89·8	89·1	90·9	92·1	92·1	91·4	85·3
	23	91·4	88·4	86·0	85·4	84·7	84·5	84·3	83·4	83·1	82·7	81·5	81·3	80·9	80·2	82·5	85·6	88·6	89·5	93·0	94·3	93·4	93·3	91·1	91·5	86·7
	24	90·3	87·1	85·5	85·0	84·5	83·9	84·0	83·3	83·0	82·0	81·5	81·4	81·3	80·7	81·7	84·5	87·8	90·3	93·3	93·6	94·3	93·3	92·5	91·2	86·5
	25	88·9	86·7	85·3	84·8	84·5	84·2	83·4	83·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	26	—	—	—	—	—	—	—	—	83·4	83·3	82·8	82·5	82·2	81·8	82·6	82·5	83·1	82·1	80·4	83·5	85·8	88·3	88·8	85·8	84·2
	27	85·2	83·2	82·5	81·5	80·5	80·3	79·7	79·5	79·5	79·7	79·3	78·7	78·5	78 5	79·8	82·8	86·3	89·2	92·3	94·0	92·6	90·1	88·7	88·0	83·8
	28	87·7	85·2	83 6	83·4	82·5	81·6	80·3	80·2	80·1	80·1	79·2	78·1	77·3	77·4	79·5	82·8	85·3	87·5	89·8	92·4	92·7	94·1	94·7	95·6	84·6
	29	88·9	86·9	84·7	84·7	84·4	83·7	82·5	81·8	79·1	78·5	78·5	78·3	78·3	78·3	77·8	78 6	80·8	84·0	86·7	88·3	90·3	90·5	91·9	92·1	83·7
	30	92·7	87 7	84·5	83·5	83·5	84·0	79·3	77·5	78·2	78·1	78·3	78·0	77·3	77·3	77·5	79·3	81·3	85·1	87·6	88·3	89·8	90·3	90·1	90·0	83·3
	31	86·6	84·2	82·3	82·3	82·3	82·3	81·9	81·4	80·6	77·9	77·5	77·3	76·4	76·2	77·2	79·8	83·8	86·3	88·3	89·3	89·5	90·3	91·3	91·7	83·2
	Means	90·9	87·5	85·4	84·5	83·9	83·6	82·9	82·5	82·1	81·7	81·1	80·4	79·9	79·6	80·5	82·9	85·6	88·0	90·3	91·7	92·6	93·1	92·8	91·9	85·6

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

DRY THERMOMETER, STANDARD No. 7

(Corrected to the Kew Observatory Standard Thermometer)

	Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
	Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
		In.	In.	In.	In.	In.	In.	In.	In.	In.	In.*	In.	In.*	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
SEPTEMBER 1860	1	89·9	84·4	83·5	82·6	82·5	77·8	77·5	77·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	2	—	—	—	—	—	—	—	—	82·1	82·1	81·9	81·3	80·5	80·5	80·3	80·8	82·1	84·3	86·1	86·3	87·6	88·4	89·0	89·1	83·3
	3	88·3	85·9	84·7	84·1	81·1	80·9	80·3	79·8	79·1	79·4	79·3	79·3	79·1	79·1	79·3	82·1	84·4	87·3	88·5	90·3	90·6	90·8	92·2	91·9	84·1
	4	90·9	88·3	85·6	80·3	80·3	80·9	81·2	80·7	80·3	79·6	78·8	78·3	78·5	78·5	79·8	82·3	84·2	87·4	89·3	91·5	91·3	94·0	94·3	89·3	84·4
	5	86·5	85·5	85·3	84·3	83·7	83·5	83·3	81·8	81·3	81·1	80·4	80·3	79·6	80·1	80·4	81·3	83·3	86·3	88·6	89·5	91·3	92·0	91·5	87·8	84·5
	6	86·3	84·8	84·3	84·0	83·1	82·3	81·5	81·3	81·5	81·1	80·5	80·7	79·5	79·5	79·5	83·3	85·8	88·8	90·6	93·3	94·5	89·6	89·3	88·6	84·7
	7	88·2	86·2	84·6	84·3	84·1	83·5	82·5	82·5	82·2	81·5	81·5	81·3	81·3	80·8	80·5	80·4	81·1	82·3	85·8	87·7	89·9	90·2	89·5	87·8	84·2
	8	86·3	84·5	83·7	83·3	82·3	82·3	82·1	82·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	9	—	—	—	—	—	—	—	—	81·6	81·3	78·5	78·9	78·9	78·7	80·2	82·4	84·7	86·1	90·3	91·5	93·1	93·1	93·2	90·1	84·6
	10	88·6	86·1	84·2	83·4	83·3	83·9	83·5	82·5	81·5	80·8	79·5	78·4	78·1	77·8	79·5	83·3	86·3	89·6	90·8	92·8	93·5	94·3	95·1	91·3	85·3
	11	89·2	86·3	85·3	84·8	84·5	84·1	84·1	83·7	83·5	83·2	82·6	81·3	81·0	80·5	82·3	85·3	88·2	90·3	92·5	94·8	90·9	92·2	86·2	88·7	86·1
	12	86·8	85·2	84·8	84·3	82·5	82·3	82·3	82·3	82·1	81·9	80·9	79·6	79·8	79·0	79·5	80·9	84·3	87·1	90·3	92·4	94·1	92·3	90·1	79·3	84·3
	13	79·6	78·2	78·2	78·1	76·1	76·1	75·3	74·9	75·3	76·3	76·5	76·5	76·3	76·4	77·3	80·3	83·5	85·6	87·3	88·7	90·3	92·6	93·3	93·3	81·1
	14	91·3	85·1	83·1	82·3	82·4	82·3	82·3	81·3	80·9	80·3	79·8	79·7	79·1	78·5	79·3	81·5	83·5	85·6	87·5	89·3	91·8	92·8	93·0	94·7	84·5
	15	93·6	88·5	84·5	83·5	83·3	83·3	82·6	82·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	16	—	—	—	—	—	—	—	—	78·5	78·3	78·3	78·2	77·6	77·7	78·6	78·8	78·5	80·5	83·3	86·0	88·7	89·3	89·3	88·9	83·0
	17	87·7	85·9	83·9	83·0	82·7	82·6	78·1	77·5	77·9	78·3	77·6	77·3	77·3	78·2	79·1	80·2	81·8	82·8	84·5	86·2	88·1	89·5	90·1	90·3	82·5
	18	89·0	85·2	84·5	83·7	82·7	79·3	79·2	79·0	77·4	77·6	78·1	78·1	78·3	78·3	78·6	80·2	82·3	85·3	86·3	87·8	89·5	89·5	90·5	89·4	82·9
	19	87·7	84·7	83·2	82·5	81·5	81·3	81·3	79·7	79·3	79·3	78·5	78·1	77·5	78·1	79·3	82·1	84·5	85·4	87·5	89·2	91·3	92·6	89·3	90·0	83·5
	20	89·7	86·3	84·2	83·5	83·3	82·5	81·8	80·7	80·0	79·5	79·3	78·5	77·9	78·1	79 2	82·3	85·2	87·3	90·2	91·1	92·5	91·4	91·8	92·0	84·5
	21	88·7	86·7	82·5	82·3	81·7	80·9	81·3	80·8	80·3	80·1	79·4	78·2	77·4	77·3	79·5	82·5	85·8	87·8	90·4	91·3	93·2	93·7	93·9	91·1	84·5
	22	90·4	87·7	87·0	85·5	83·6	83·5	83·3	82·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	23	—	—	—	—	—	—	—	—	79·5	79·4	79·3	79·3	78·8	78·3	79·8	82·1	84·1	86·1	87·3	88·0	88·4	89·4	90·7	86·7	84·2
	24	85·3	84·1	83·5	83·1	82·5	82·3	82·3	82·0	81·8	81·3	80·9	80·6	79·7	79·7	80·3	82·3	84·9	87·1	86·5	88·9	89·0	87·5	87·3	86·4	83·7
	25	85·2	84·5	83·5	83·1	82·5	82·3	82·1	81·8	75·5	75·5	76·1	76·2	76·2	76·5	76·9	78·2	79·6	80·5	82·3	84·4	84·4	84·1	84·3	84·1	80·8
	26	82·6	82·5	81·3	79·1	78·1	77·8	77·5	77·5	77·3	77·8	76·3	76·1	76·2	77·1	78·1	80·9	83·2	84·3	86·3	88·3	89·3	90·4	86·4	83·4	81·2
	27	82·5	80·5	80·1	80·1	79·5	79·5	79·2	78·9	78·5	77·5	77·2	77·1	77·2	77·3	78·5	82·3	83·5	85·8	88·3	89·1	89·5	90·6	87·4	87·2	82·0
	28	86·1	84·2	83·1	82·5	82·3	82·3	81·5	81·3	81·3	80·3	79·8	79·1	78·3	78·3	79·3	82·5	84·6	86·4	87·5	89·2	90·8	92·3	90·2	88·5	83·8
	29	87·2	84·7	84·1	83·4	83·2	83·3	83·0	82·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	30	—	—	—	—	—	—	—	—	81·8	81·3	81·1	79·8	79·4	79·7	80·3	81·8	83·3	87·2	89·5	91·8	94·2	95·3	78·4	86·3	84·3
	Means	87·5	85·0	83·7	82·8	82·1	81·6	81·2	80·7	80·0	79·8	79·3	78·9	78·5	78·6	79·4	81·6	83·7	85·9	87·9	89·6	90·7	91·1	89·9	88·6	83·7
OCTOBER 1860	1	85·7	84·4	83·5	83·1	82·9	82·1	81·8	81·5	80·8	80·8*	80·8	79·9*	79·5	78·3	79·5	83·3	85·9	88·2	89·4	91·5	91·6	90·1	89·2	87·6	84·2
	2	86·1	84·3	84·3	83·7	83·1	82·3	81·5	81·3	80·5	80·5	80·8	81·1	80·8	80·3	81·1	84·1	85·3	87·6	89·7	90·8	91·0	91·1	90·2	88·4	84·6
	3	86·9	84·2	84·1	84·1	82·8	82·3	82·3	81·8	81·3	80·5	80·3	79·5	79·9	77·9	80·2	82·8	84·3	87·6	89·8	90·0	90·3	89·9	89·0	88·7	84·2
	4	86·7	85·0	84·3	83·5	83·2	82·3	82·1	81·9	81·3	80·4	79·3	79·3	78·3	78·5	80·2	83·5	86·3	87·3	89·3	89·3	88·8	88·7	88·6	87·4	84·0
	5	86·1	84·6	83·9	83·3	83·2	82·4	82·1	81·6	80·5	79·8	78·4	78·2	78·6	78·5	80·8	82·4	84·4	86·3	87·3	89·9	90·3	89·5	89·0	86·9	83·7
	6	85·9	84·3	84·2	83·4	83·1	82·5	81·5	81·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	7	—	—	—	—	—	—	—	—	79·4	79·0	78·5	78·5	78·7	79·0	79·6	81·7	85·3	87·8	90·5	91·3	87·3	89·1	87·2	80·7	83·3
	8	84·0	83·3	81·6	81·4	81·5	79·7	79·5	78·8	78·7	78·3	77·5	77·1	76·3	76·3	76·3	78·3	83·6	84·1	85·3	87·8	88·8	86·3	86·8	86·6	81·6
	9	84·9	83·0	82·2	81·7	81·5	80·6	80·3	78·4	77·6	77·4	76·7	75·8	75·3	75·3	77·1	80·7	83·3	85·3	87·3	87·8	88·2	88·3	87·7	87·1	81·8
	10	85·3	83·5	82·5	82·2	82·0	80·5	79·6	79·6	79·4	79·4	79·3	79·0	80·1	77·4	80·1	83·3	85·4	86·5	88·3	88·2	87·5	88·1	87·5	86·9	83·0
	11	86·1	84·1	83·5	82·4	81·3	78·3	78·3	77·8	77·0	76·6	76·3	76·1	76·3	75·5	76·7	79·0	81·5	83·1	84·7	84·3	85·5	85·8	84·8	84·7	80·8
	12	83·7	82·4	81·9	81·5	81·5	80·6	80·5	79·8	79·5	80·1	79·7	77·8	77·8	78·2	79·3	80·9	83·5	85·3	86·5	86·5	86·6	87·1	86·1	86·0	82·2
	13	85·3	83·2	82·5	82·3	82·1	81·4	80·8	79·9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	14	—	—	—	—	—	—	—	—	78·7	77·5	77·3	76·8	77·3	77·5	79·1	81·8	83·1	85·3	86·3	85·3	80·2	84·3	86·3	85·2	81·6
	15	84·0	82·8	82·3	81·7	81·4	80·6	80·2	79·5	79·2	77·8	77·5	77·5	77·7	77·4	79·3	80·6	81·3	81·4	83·8	84·8	85·6	86·3	83·8	84·4	81·3
	16	84·7	82·7	81·7	81·4	80·5	80·5	80·1	79·3	77·5	77·3	77·3	77·2	77·7	77·7	79·1	80·8	83·3	83·8	86·3	85·9	83·5	86·3	85·3	83·3	81·4
	17	82·3	79·3	78·3	77·7	77·7	77·5	77·3	77·3	77·2	76·8	76·8	76·8	76·5	77·0	77·7	78·3	80·8	83·5	86·5	84·8	86·8	86·3	87·6	86·5	80·3
	18	84·7	83·2	82·1	81·7	81·4	80·4	80·1	78·4	77·3	77·3	77·1	76·3	76·0	75·8	75·6	74·4	74·8	76·5	79·2	81·5	83·6	84·2	84·3	83·1	79·5
	19	81·4	79·8	79·3	78·7	78·2	77·8	77·5	77·3	76·8	76·8	76·4	76·3	76·6	75·7	76·1	76·3	76·3	76·8	77·3	76·8	76·4	78·2	79·3	78·4	77·5
	20	77·7	77·0	77·1	76·0	76·4	76·1	76·1	75·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	21	—	—	—	—	—	—	—	—	73·6	74·4	74·8	74·4	74·4	74·6	74·6	75·2	76·5	76·3	74·8	74·9	74·3	72·6	72·8	73·1	75·1
	22	72·5	72·8	71·9	72·3	72·7	71·7	71·5	72·1	72·4	72·4	72·4	73·4	73·0	72·4	72·8	74·1	76·6	78·4	79·3	81·3	81·7	83·0	82·3	82·0	75·2
	23	81·5	79·9	79·9	79·8	78·6	77·8	77·5	77·3	77·2	77·3	76·5	76·3	76·3	76·1	77·1	78·0	80·3	81·5	82 6	83·5	84·3	84·6	84·2	82·7	79·6
	24	81·6	81·1	80·4	80·3	79·4	79·1	79·3	78·4	77·4	77·3	77·1	77·1	76·8	76·5	77·3	79·8	81·3	82·5	83·7	84·3	86·3	85·3	85·1	83·9	80·5
	25	82·2	81·6	81·3	80·6	79·4	79·3	78·5	78·3	77·5	77·4	77·5	77·3	77·3	77·3	77·8	80·3	81·8	83·3	85·1	85·3	86·1	86·9	86·5	84·8	81·0
	26	82·7	81·5	81·3	81·1	80·3	79·3	78·1	77·5	77·3	77·3	76·8	76·7	76·5	76·2	77·3	80·3	82·8	83·5	84·3	85·6	86·5	86·5	86·2	85·3	80·9
	27	83·6	82·5	82·3	81·2	78·7	78·5	78·3	78·1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	28	—	—	—	—	—	—	—	—	75·3	74·5	73·5	73·2	73·4	73·3	74·6	79·1	81·7	84·2	85·3	87·3	87·8	88·3	87·3	86·2	80·3
	29	84·5	82·7	81·3	80·3	79·7	79·5	78·6	77·7	76·5	76·7	77·3	77·3	77·3	76·7	77·8	81·2	82·7	84·7	87·2	88·3	88·7	87·3	86·2	84·7	81·5
	30	83·7	81·9	81·6	81·3	80·7	79·7	78·2	77·3	76·3	75·8	75·5	75·3	75·8	76·0	76·5	79·3	81·8	83·3	85·3	86·3	87·5	87·6	86·7	86·6	80·8
	31	83·2	81·9	79·1	77·9	75·8	75·3	74·4	74·1	72·9	72·9	72·4	72·6	71·6	71·9	73·0	76·3	79·3	82·3	83·6	84·8	85·6	85·8	84·5	83·7	78·1
	Means	83·6	82·1	81·4	80·9	80·3	79·6	79·1	78·6	77·7	77·5	77·2	76·9	76·9	76·6	77·7	79·8	82·0	83·6	85·1	85·9	86·0	86·2	85·7	84·6	81·0

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

DRY THERMOMETER, STANDARD No. 7

(Corrected to the Kew Observatory Standard Thermometer)

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	o	o	o	o	o	o	o	o	o	* o	o	* o	o	o	o	o	o	o	o	o	o	o	o	o	o
1	82·1	79·7	78·8	77·5	73·8	72·6	71·4	70·4	72·4	71·6	69·4	68·9	68·8	68·6	70·3	73·6	76·8	79·9	82·3	84·3	84·9	85·3	85·1	83·5	76·3
2	81·6	79·7	79·3	77·3	75·5	74·7	73·4	73·2	72·4	72·4	71·4	71·4	71·6	71·4	73·2	76·5	79·3	81·3	83·4	84·1	84·1	84·3	83·1	82·7	77·4
3	82·5	79·5	78·0	77·1	76·2	75·2	73·7	72·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	72·4	72·3	72·3	71·6	70·9	71·3	72·4	75·3	79·1	81·4	82·7	83·9	83·5	84·3	83·6	82·6	77·3
5	81·3	79·8	79·5	78·7	78·0	77·3	76·3	75·2	74·0	73·2	73·0	73·3	72·6	72·6	73·2	75·3	79·2	81·8	82·6	82·3	83·1	82·1	81·7	81·0	77·8
6	79·7	78·5	77·2	74·6	74·6	74·6	74·4	73·7	73·1	72·5	72·5	72·4	71·7	71·7	71·9	75·3	78·3	80·4	82·1	83·5	83·4	84·3	83·9	82·6	77·0
7	80·5	79·1	77·5	76·1	74·4	73·8	73·4	73·3	72·4	72·0	71·4	71·2	70·5	69·9	71·4	75·2	77·1	79·8	81·5	82·3	82·6	83·8	84·0	83·6	76·5
8	82·0	78·6	74·4	73·6	73·6	72·6	71·6	71·4	70·4	70·4	70·1	70·2	68·6	68·4	69·6	73·6	78·6	82·1	83·9	84·6	85·3	85·8	85·9	85·3	76·3
9	83·6	80·5	75·5	74·1	73·2	72·6	72·4	72·4	72·4	71·2	70·4	68·7	68·7	66·9	68·9	73·4	78·1	82·8	85·1	85·3	85·4	85·5	84·7	83·3	76·5
10	81·6	80·2	79·1	78·1	77·5	77·3	76·3	75·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	78·3	76·1	74·1	73·4	72·9	72·9	73·3	76·8	80·3	82·7	84·3	84·5	84·6	84·5	84·3	82·6	78·8
12	81·3	79·3	78·4	78·2	78·0	77·6	77·3	76·8	76·6	75·0	73·8	73·4	73·2	73·1	74·6	76·8	79·7	81·8	82·7	84·1	84·3	84·5	84·0	83·0	78·6
13	81·7	80·6	80·2	80·0	79·9	76·3	76·1	75·3	77·1	77·1	77·0	76·6	75·7	75·5	76·1	77·5	79·9	81·4	83·5	83·6	83·2	84·4	83·0	81·5	79·3
14	80·4	78·8	78·4	78·4	78·4	77·5	76·3	75·5	74·9	74·4	74·2	74·4	74·2	73·9	75·0	75·5	77·1	79·1	79·3	80·8	82·0	82·0	81·3	80·3	77·6
15	78·2	76·0	75·4	72·6	72·7	71·6	70·4	69·6	70·4	68·9	68·6	67·9	67·1	67·3	68·4	70·7	74·2	76·6	81·1	82·1	82·3	82·6	82·4	80·5	74·1
16	76·7	73·7	71·8	70·7	69·8	69·7	69·5	68·2	67·8	66·6	66·6	66·2	65·9	64·0	65·4	68·2	72·0	76·5	83·6	83·6	84·1	83·3	84·2	84·4	73·0
17	82·7	76·7	74·3	72·3	71·0	70·3	70·4	68·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	71·0	69·7	69·6	69·4	69·3	69·4	70·6	73·6	77·3	80·3	82·6	84·4	86·3	86·9	85·1	84·4	75·7
19	82·4	80·7	79·3	78·9	78·1	76·5	74·5	73·6	72·9	72·9	72·6	72·4	71·6	71·3	72·4	75·8	79·1	81·3	83·3	84·9	86·5	86·7	85·3	84·0	78·2
20	82·7	79·9	79·4	78·8	78·3	77·6	76·7	74·8	73·6	72·7	72·4	72·9	72·9	72·6	73·4	76·3	79·3	80·5	82·5	83·5	84·7	83·9	83·2	82·3	78·1
21	80·9	79·7	78·8	78·6	78·5	78·4	78·3	78·0	76·3	75·6	74·2	73·8	73·6	72·9	74·4	77·8	79·9	81·8	83·5	86·1	84·8	85·3	83·6	82·4	79·0
22	81·4	80·7	80·0	79·5	77·3	77·1	74·0	75·7	75·8	75·3	75·2	75·3	75·3	75·3	76·5	78·6	82·3	82·3	83·3	83·9	80·5	82·1	78·0	78·9	78·5
23	79·1	79·6	79·1	78·3	78·0	77·5	77·3	77·3	75·6	74·4	74·3	73·6	73·4	73·1	74·3	77·3	80·6	81·3	81·5	82·5	83·9	83·3	82·6	82·0	78·3
24	81·4	80·1	79·5	79·5	79·1	78·3	77·6	76·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	76·5	73·6	72·7	72·4	72·2	71·7	73·1	75·7	77·8	79·8	81·5	82·1	82·5	82·3	81·4	81·1	77·8
26	80·1	78·7	78·3	78·1	77·6	77·8	77·4	77·3	77·3	76·7	76·5	76·2	73·9	73·6	73·7	74·7	77·3	81·6	82·3	82·4	82·0	82·3	81·9	81·2	78·3
27	80·8	79·3	79·3	79·3	79·0	78·9	78·3	78·3	77·5	77·5	77·2	77·3	77·3	77·3	77·8	79·4	80·4	82·1	83·5	83·2	82·5	82·5	81·3	81·0	79·6
28	80·5	79·4	78·5	78·4	78·3	78·1	78·1	77·5	76·8	76·3	76·3	75·5	73·6	72·0	72·4	76·8	79·6	80·3	82·0	82·3	82·3	82·0	81·2	81·0	78·3
29	80·0	79·4	79·4	79·2	79·0	78·5	78·3	77·9	75·5	74·7	73·9	74·6	74·4	74·0	73·7	74·5	76·0	78·5	78·4	80·5	79·6	79·2	80·6	76·5	77·3
30	75·7	74·8	74·8	74·7	75·5	74·3	74·6	76·5	75·3	75·3	76·4	75·0	74·8	74·6	75·0	76·0	78·5	80·3	81·3	81·4	78·8	82·3	81·2	79·7	76·9
Means	80·8	79·0	77·9	77·0	76·4	75·6	74·9	74·4	74·2	73·4	72·9	72·6	72·1	71·7	72·7	75·4	78·4	80·7	82·5	83·3	83·4	83·7	82·9	82·0	77·4
1	79·4	77·9	77·3	76·9	75·7	75·5	76·1	76·5	—	* —	—	* —	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	70·5	70·3	70·5	70·4	70·2	69·9	70·2	72·9	75·8	79·2	80·5	81·0	81·3	81·5	80·0	79·2	75·8
3	78·8	77·5	77·2	77·3	77·5	76·3	75·8	75·4	75·9	76·2	75·7	72·6	72·6	71·4	71·4	73·7	79·1	80·1	81·1	81·6	81·3	81·3	81·0	80·6	77·1
4	79·3	78·1	77·5	77·4	77·5	77·3	76·9	75·5	74·6	74·0	73·2	72·2	72·2	71·6	71·6	73·4	77·1	80·3	81·5	81·7	81·3	80·9	81·0	80·3	76·9
5	78·9	77·7	76·4	75·5	74·7	74·6	74·4	73·6	72·3	72·2	71·2	71·2	70·5	69·7	70·3	73·2	75·5	78·4	79·9	80·9	80·0	80·8	79·3	79·3	75·4
6	75·7	77·3	77·2	77·3	77·2	75·9	75·0	74·9	74·0	73·9	73·9	77·5	77·7	77·9	78·1	79·3	80·3	81·3	80·3	81·5	80·6	80·3	80·7	79·9	77·8
7	79·7	79·3	79·1	79·1	78·2	76·1	74·3	74·2	75·7	77·5	77·9	77·5	77·2	77·3	78·3	78·5	80·5	81·1	81·9	82·3	82·5	81·3	81·3	80·5	78·8
8	79·4	79·3	77·1	77·5	77·7	78·8	78·6	75·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	77·9	77·5	77·2	76·4	76·2	76·1	76·7	78·5	79·5	80·2	80·8	80·6	81·3	81·5	81·1	80·1	78·6
10	79·3	78·3	78·1	77·7	77·5	76·9	76·3	76·3	76·8	74·9	72·4	72·1	71·9	75·5	75·3	76·8	79·1	80·1	81·3	81·9	81·4	80·6	80·5	79·4	77·5
11	78·9	77·5	76·9	76·5	76·3	75·6	75·2	72·6	71·2	70·7	70·6	70·4	69·6	69·4	69·6	72·4	75·6	79·5	80·3	80·9	81·2	80·3	80·0	79·3	75·4
12	78·0	77·3	77·2	76·6	76·4	75·9	75·5	75·2	74·7	75·1	73·4	72·0	72·2	70·9	70·6	73·4	75·6	79·1	80·1	81·0	81·5	80·7	79·5	78·5	76·3
13	78·3	77·2	76·6	76·3	75·7	75·8	75·3	75·3	74·1	71·9	71·2	71·0	70·8	70·4	70·2	71·9	76·3	79·0	80·3	81·2	81·3	80·5	80·2	80·4	75·9
14	79·0	77·4	76·7	76·5	75·3	74·5	74·2	74·1	73·4	72·9	71·9	71·7	71·4	70·8	70·9	73·2	76·1	77·1	79·5	79·3	80·7	79·5	80·4	79·3	75·7
15	78·4	77·9	77·9	77·9	77·6	77·8	77·7	77·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	75·8	75·3	75·3	75·5	75·3	75·3	75·5	76·5	77·8	78·3	79·5	80·4	80·2	79·2	79·7	78·9	77·5
17	77·9	77·0	76·7	76·3	76·0	75·8	75·7	75·5	76·5	76·0	76·0	75·3	74·9	71·0	70·3	71·9	78·8	80·5	81·0	80·7	81·1	79·6	80·0	79·7	76·8
18	78·7	77·5	77·5	77·5	77·3	77·3	77·3	76·9	76·3	76·3	76·0	75·8	75·5	75·7	76·3	77·5	79·2	79·1	80·3	80·9	79·6	79·4	79·3	79·3	77·8
19	78·3	77·7	77·5	76·4	76·1	76·5	76·5	76·1	76·1	76·0	76·1	75·5	75·9	74·4	73·2	74·4	77·1	79·8	81·2	81·9	81·9	81·3	81·1	80·6	77·6
20	79·4	77·6	77·1	76·5	75·5	75·2	74·6	72·9	71·7	71·1	70·9	70·4	70·3	70·3	71·2	73·4	77·0	78·5	80·3	80·8	80·3	81·0	80·3	79·7	75·7
21	79·3	77·5	76·3	76·5	76·1	74·6	73·7	74·9	74·6	72·0	74·1	70·0	69·7	70·2	70·5	73·4	75·8	79·3	81·3	80·3	80·1	80·1	80·1	79·3	75·8
22	78·0	76·9	76·3	76·2	75·5	75·8	75·3	74·9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	72·9	71·7	71·2	70·2	69·6	69·4	70·3	72·7	75·0	78·0	80·3	80·5	79·8	80·5	80·0	78·1	75·4
24	77·2	76·3	75·7	75·3	74·5	73·2	72·4	71·6	70·9	70·5	70·3	70·2	69·8	69·7	70·0	72·4	75·3	77·2	80·3	79·5	80·7	80·0	79·3	78·9	74·6
25	78·5	77·1	75·8	75·4	74·9	73·4	72·6	72·9	72·4	72·4	72·1	73·1	72·8	72·6	73·0	76·5	78·9	79·4	80·5	80·2	80·5	79·3	79·5	79·1	76·0
26	77·9	76·5	75·4	75·3	75·1	74·2	74·2	74·0	73·6	72·2	71·0	68·4	68·9	68·9	68·5	72·6	74·2	78·1	79·3	80·1	79·8	79·3	79·2	78·3	74·8
27	77·5	76·2	75·4	75·2	75·1	74·6	74·7	74·6	73·9	70·6	70·4	69·6	69·0	68·4	68·4	70·8	75·2	78·5	79·1	79·7	80·6	79·5	79·6	79·5	74·8
28	77·5	76·6	76·3	76·3	77·4	75·9	75·5	75·2	75·2	75·1	74·8	74·8	74·6	70·6	70·4	73·4	78·0	78·8	79·3	80·3	80·3	80·9	80·5	79·3	76·5
29	78·3	77·1	76·3	75·9	75·3	75·3	75·1	74·6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	77·0	75·8	75·3	75·3	75·3	75·2	75·2	76·7	78·3	79·0	79·6	80·2	80·2	79·5	78·6	78·2	77·0
31	77·3	76·5	76·3	75·8	75·5	75·4	75·1	74·9	74·6	74·6	72·4	69·8	69·6	69·2	69·1	72·2	76·3	78·3	78·3	79·1	79·6	79·3	79·3	78·3	75·3
Means	78·4	77·4	76·8	76·6	76·2	75·7	75·3	74·8	74·3	73·7	73·3	72·6	72·4	72·0	72·1	74·3	77·2	79·2	80·3	80·7	80·7	80·3	80·1	79·4	76·4

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

WET THERMOMETER, STANDARD No. 8

Corrected to the Kew Observatory Standard Thermometer

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4 .41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h, m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h, m. 19.41	h. m. 20.41	h. m. 21.41	h m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	o	o	o	o	o	o	o	o	o	* o	o	* o	o	o	o	o	o	o	o	o	o	o	o	o	o
Dec. 31	67·3	66·5	66·4	66·1	65·9	66·4	66·4	66·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
JANUARY 1860 1	—	—	—	—	—	—	—	—	64·4	64·4	64·9	65·0	64·7	64·2	63·6	65·4	67·4	69 5	69·7	70·1	69·5	69·5	70·3	69·5	66·8
2	69·1	69·3	69·3	69·1	68·3	67·5	68·1	66·9	66·4	65·9	65·4	65·6	65·6	65·2	64·6	65·4	67·5	69·1	70·3	71·1	71·1	70·7	71·6	71·5	68·1
3	71·9	71·0	70·9	69·9	69·3	68·6	67·9	67·5	67·3	66·9	66·4	66·4	66·2	66·4	66·4	69·5	71·1	72·1	72·1	71·5	70·3	70·4	69·6	70·4	69·2
4	69·2	68·7	68·3	67·9	67·7	67·5	67·1	67·3	66·6	66·4	66·4	65·4	65·8	64·8	65·4	66·4	68·5	69·5	69·1	69·2	67·3	66·6	66·7	67·2	67·3
5	66·1	65·5	65·6	66·4	66·0	65·4	65·4	65·0	63·4	63·2	63·4	63·4	63·3	63·2	62·5	63·5	65·7	67·4	68·3	68·5	68·0	67·5	68·0	67·4	65·5
6	67·6	67·7	67·8	67·9	68·0	67·3	67·3	67·1	66·4	66·4	66·6	66·4	66·0	66·2	65·9	66·2	67·0	68·6	69·5	69·4	69·5	69·5	69·5	69·5	67·6
7	69·9	69·4	69·1	68·7	68·2	68·1	67·3	67·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	69·5	69·3	70·3	71·1	70·9	69·9	68·3	69·5	71·9	72·1	71·8	72·6	72·0	72·3	71·7	71·4	70·1
9	71·7	71·0	71·2	71·2	71·0	70·3	70·3	70·1	69·3	68·5	67·8	67·5	67·9	68·2	67·5	68·8	70·5	70·8	70·9	71·5	71·5	72·3	71·3	70·6	70·1
10	70·7	70·3	70·5	70·3	70·3	70·1	70·3	70·3	69·5	68·1	68·5	68·3	68·3	68·9	68·3	70·1	71·1	70·3	72·1	72·0	71·1	70·5	71·1	69·7	70·0
11	69·5	69·4	69·3	69·3	69·0	68·8	68·5	68·7	68·3	68·4	68·5	68·5	67·3	66·6	67·2	69·0	70·3	71·3	71·2	70·7	71·3	70·5	68·5	68·5	69·1
12	68·6	68·7	68·1	67·9	67·9	67·3	67·3	67·3	66·6	65·9	66·6	66·4	66·0	66·2	65·4	67·2	67·3	67 0	67·1	67·8	68·1	67·8	68·1	67·2	67·2
13	66·8	66·1	65·5	65·2	65·3	65·4	65·6	65·2	65·4	66·4	66·1	65·4	64·9	64·6	64·7	65·7	65·6	67·3	67·3	66·7	67·5	65·7	67·1	67·6	66·0
14	66·9	64·7	64·7	65·6	65·6	65·4	65·4	65·6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	--	—
15	—	—	—	—	—	—	—	—	64·8	65·0	65·6	66·4	66·2	65·2	65·2	65·5	66·2	67·5	67·8	68·4	69·5	68·3	69·3	68·8	66·4
16	68·3	68·2	68·0	68·6	68·8	68·5	69·5	69·3	69·0	68·8	68·5	67·8	68·1	67·9	66·6	67·8	70·1	70·6	70·8	70·8	70·4	70·5	71·1	70·5	69·1
17	69·1	68·5	68·4	68·4	68·0	68·3	68·3	68·2	68·1	67·5	66·9	66·9	66·9	67·2	66·2	68·3	69·7	69·3	69·3	68·1	69·5	68·3	69·2	68·3	68·2
18	68·0	66·8	66·9	66·5	66·5	66·4	66·4	66·4	67·7	66·6	65·6	64·4	64·4	64·8	64·4	65·6	69·3	71·3	70·3	68·9	66·1	66·2	66·6	66·6	66·8
19	66·6	66·4	65·8	65·9	66·4	66·4	66·4	65·6	65·9	64·4	64·4	64·4	64·4	63·8	62·7	64·8	67·2	69·5	69·1	67·1	67·5	67·1	66·9	67·1	66·1
20	66·8	66·2	65·8	65·8	65·4	65·4	65·6	65·9	66·4	66·4	66·9	66·9	66·4	66·9	66·4	66·9	66·4	67·9	68·5	69·7	68·9	69·7	69·1	69·4	67·1
21	69·7	69·4	69·1	69·5	70·4	68·3	67·3	67·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	68·5	69·3	69·0	68·5	68·3	67·9	66·8	68·3	69·5	69·3	70·4	70·5	70·3	71·7	72·4	70·7	69·3
23	70·0	68·6	68·3	68·3	68·2	68·3	68·3	68·3	68·3	67·9	67·5	67·9	67·8	67·8	67·3	69·3	69·5	68·5	68·1	70·1	70·1	70·5	70·0	69·7	68·7
24	69·2	67·7	67·9	67·5	67·5	67·3	67·3	67·3	67·3	66·6	65·8	65·8	65·2	64·6	64·4	65·6	68·3	67·7	68·5	70·1	69·9	69·5	69·6	67·5	67·4
25	68·0	67·2	66·9	66·9	65·9	65·6	65·1	64·9	63·8	63·6	63·4	63·3	62·5	62·5	61·7	65·2	68·1	69·0	70·2	71·1	70·3	70·5	70·6	70·5	66·5
26	70·4	70·2	69·3	69·0	68·5	68·3	67·6	67·3	67·3	66·4	66·2	66·4	65·4	64·6	64·6	67·3	68·5	67·3	67·8	69·3	69·5	69·1	68·4	68·0	67·8
27	68·3	67·7	66·4	66·4	66·6	66·9	66·6	66·4	67·0	66·6	65·6	66·0	65·6	65·4	66·4	68·3	70·8	69·2	70·0	70·9	71·7	71·5	70·8	70·7	68·0
28	70·6	70·9	70·5	70·3	70·4	70·3	70·3	70·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	68·3	68·3	69·9	70·3	71·1	71·0	68·4	70·3	71·5	72·0	72·5	72·8	73·4	72·3	73·7	73·3	70·9
30	73·2	72·6	72·5	72·3	72·5	72·3	72·3	72·3	71·5	70·7	70·3	70·7	71·3	71·5	70·5	71·3	72·3	73·0	73·4	74·6	74·4	73·9	73·4	73·7	72·4
31	72·3	73·0	73·1	73·2	73·0	72·9	72·8	73·2	72·8	72 0	71·3	71·9	71·1	70·3	70·1	71·3	72·5	72·5	73·2	74·0	74·4	74·4	73·8	74·2	72·6
Means	69·1	68·6	68·4	68·3	68 2	67·9	67·8	67·7	67·4	67·0	67·0	66·9	66·7	66·5	66·0	67·5	69·0	69·6	70·0	70·3	70·1	69·9	69·9	69·6	68·3
FEBRUARY 1860 1	74·4	73·6	72·8	72·6	72·6	72·5	72·3	72·3	71·5	* 70·8	70·3	* 70·3	69·3	68·5	67·3	70·1	70·9	72·0	73·2	75·0	74·8	74·0	74·2	74·3	72·1
2	74·3	74·0	73·9	73·6	73·2	72·8	72·6	71·8	71·1	70·3	70·1	69·3	69·1	67·5	67·3	69·3	72·3	72·0	71·5	72·7	72·1	72·5	72·2	73·5	71·6
3	73·2	73·1	72·5	72·3	71·8	72·3	71·3	71·3	70·7	70·0	69·1	69·9	68·3	68·7	68·1	70·3	72·3	72·5	72·8	72·5	72·7	72·5	73·2	72·1	71·4
4	72·3	72·0	71·7	70·7	70·2	69·5	69·7	68·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	69·0	69·0	68·3	68·1	67·2	67·2	66·4	69·3	70·8	71·1	71·5	71·9	72·6	71·9	72·3	71·8	70·1
6	71·7	71·0	70·9	70·7	70·7	70·0	69·6	68·6	67·3	67·3	66·6	66·4	67·2	67·3	66·1	68·3	69·4	71·6	72·3	71·5	72·5	72·3	73·2	72·9	69·8
7	72·9	72·9	72·1	72·1	71·7	71·3	70·3	69·7	69·3	69·1	68·7	68·3	69·0	68·5	69·1	70·0	71·8	72·9	73·2	74·4	74·0	72·3	73·8	73·8	71·3
8	73·5	73·1	73·1	72·9	72·3	71·8	71·2	70·6	69·5	69·3	68·8	68·3	68·3	68·5	69·3	70·2	71·8	73·9	74·2	74·6	73·7	73·2	73·1	73·6	71·6
9	74·1	73·6	72·8	72·7	72·5	71·3	70·3	69·8	68·1	67·5	67·3	67·3	67·2	66·5	66·4	67·8	70·5	72·3	72·3	73·8	74·0	73·6	73·6	73·1	70·8
10	72·7	72·5	72·1	71·9	70·7	69·8	69·3	69·5	69·2	68·3	67·7	67·3	67·3	66·6	66·5	68·0	70·8	71·7	71·5	72·3	74·6	73·6	73·6	73·0	70·4
11	72·7	72·7	72·5	72·5	72·3	71·8	71·5	71·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	70·3	69·6	69·2	69·3	69·5	70·1	69·3	71·5	72·5	73·2	74·0	73·2	74·2	73·9	74·1	74·2	71·9
13	74·2	73·3	73·2	72·6	72·5	72·1	71·5	70·8	69·5	68·9	68·1	68·0	67·3	67·8	67·5	69·3	71·4	73·6	74·0	73·8	73·0	73·2	73·6	73·6	71·4
14	73·1	72·2	72·1	72·1	71·6	71·3	71·4	71·1	69·5	69·2	68·3	68·8	68·3	67·8	68·1	70·0	71·8	73·1	71·9	72·3	71·8	72·9	72·6	72·6	71·0
15	72·0	70·8	70·2	70·5	70·2	69·5	69·8	70·1	70·3	69·5	69·7	69·3	69·3	69·3	69·3	70·1	70·9	71·3	71·3	72·1	72·9	74·0	73·9	72·7	70·8
16	72·8	72·2	71·5	71·5	71·2	71·3	71·5	71·8	71·8	72·3	72·3	71·8	71·5	71·4	71·8	72·3	73·2	75·0	75·2	76·0	76·0	76·0	76·4	77·1	73·1
17	76·1	75·6	74·9	74·9	74·7	75·0	75·0	74·4	74·2	73·7	73·9	73·2	73·2	72·8	73·0	73·4	75·2	74·8	74·2	75·2	74·8	75·4	75·5	74·6	74·5
18	74·7	74·7	74·1	74·0	74·0	74·2	74·2	74·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	69·8	69·8	70·3	70·5	70·5	70·1	70·5	73·0	74·2	75·2	73·9	74·8	75·8	77·0	76·5	76·5	73·4
20	76·2	76·8	74·5	74·1	73·5	73·2	73·0	72·5	72·3	72·3	72·3	70·5	70·1	69·5	70·3	71·5	73·0	74·4	74·6	75·0	75·6	75·2	75·6	75·6	73·4
21	74·9	74·5	74·1	73·5	73·5	73·7	73·6	73·8	73·4	73·2	72·6	71·3	71·5	70·7	71·2	73·2	74·0	74·2	73·5	75·2	74·6	75·0	75·1	75·3	73·6
22	75·2	74·2	73·8	73·7	73·6	73·7	73·4	73·0	72·3	71·3	70·5	70·4	70·1	70·3	71·3	72·9	73·9	74·4	74·7	75·4	75·9	75·4	75·3	75·2	73·3
23	75·3	74·5	73·5	73·4	73·3	73·4	73·3	73·2	73·1	72·9	72·8	73·2	72·0	71·3	71·3	73·9	74·2	74·8	74·3	75·9	74·8	75·4	75·8	75·4	73·8
24	74·8	74·3	73·9	73·9	73·7	73·6	73·4	73·2	73·1	72·8	72·3	71·3	71·3	71·0	71·1	71·3	75·2	75·6	77·0	76·2	76·0	75·7	76·0	76·2	73·9
25	75·2	75·0	74·2	74·8	74·6	74·4	74·6	74·0	—	—	--	--	--	--	--	--	--	--	--	--	--	--	--	--	—
26	—	—	—	—	—	—	--	—	75·2	74·2	74·0	73·1	72·8	73·2	72·3	74·7	76·0	75·2	75·2	74·4	78·2	78·2	78·4	77·6	75·0
27	76·7	75·9	75·6	75·4	75·2	75·2	75·3	75·2	74·7	74·2	74·2	73·1	72·3	72·3	73·2	74·2	76·4	76·6	76·0	76·2	75·6	75·6	75·6	76·1	75·0
28	75·6	75·4	75·0	74·3	74·2	74·1	73·7	73·0	71·8	70·8	70·3	70·8	70·0	69·6	70·3	71·8	73·1	73·4	72·8	72·5	72·3	71·5	72·6	73·4	72·6
29	73·7	73·8	74·4	74·2	73·6	72·5	72·3	71·3	70·9	70·8	70·8	71·3	70·8	70·4	69·8	72·5	74·2	74·8	73·1	71·8	73·0	69·9	70·3	71·3	72·1
Means	74·1	73·7	73·2	73·0	72·7	72·4	72·2	71·8	71·1	70·7	70·3	70·0	69·7	69·5	69·5	71·2	72·8	73·6	73·5	73·9	74·2	74·0	74·3	74·2	72·3

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

WET THERMOMETER, STANDARD No. 8

(Corrected to the Kew Observatory Standard Thermometer)

	Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
	Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
		o	o	o	o	o	o	o	o	o	* o	o	* o	o	o	o	o	o	o	o	o	o	o	o	o	o
MARCH 1860	1	72·3	74·2	74·2	74·0	73·7	74·2	73·6	73·8	73·4	72 8	72·0	71·3	70·9	70·8	71·3	73·1	74·2	75·0	74·3	72·3	72·8	73·4	75·2	76·5	73·3
	2	75·5	75·5	75·2	75·0	74·8	75·0	75·4	75·6	74·3	73·4	72·8	72·6	72·1	71·8	71·5	73·4	75·0	75·2	76 0	76·8	77·7	76·2	76·4	76·4	74·7
	3	76·1	75·3	74·4	74·2	74·4	74·2	74·4	74·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	4	—	—	—	—	—	—	—	—	70·3	70·3	69·6	69·3	68·3	68·3	69·0	70·9	72·5	73·4	74·0	74·0	74·0	73·5	74·2	74·8	72·7
	5	74·9	74·6	73·7	73·4	73·2	72·8	72·8	72·1	71·7	70·3	70·3	69·6	69·1	68·3	69·2	71·0	73·1	74·4	75·2	76·0	76·4	75·4	75·5	75·6	72·9
	6	75·7	75·5	74·4	73·5	73·7	74·0	73·4	72·7	70·5	70·3	70·2	69·5	69·3	69·5	69·8	72·3	74·2	74·2	74·0	73·9	75·4	76·2	75·8	75·3	73·1
	7	75·5	75·3	75·1	74·2	74·0	74·6	74·4	74·4	73·9	73·2	72·2	71·3	70·5	70·3	71·0	73·9	75·2	73·7	74·8	73·2	72·5	73·2	73·1	73·3	73·4
	8	75·1	75·3	73·8	74·0	74·8	74·4	73·9	73·2	72·5	72·3	71·5	71·1	70·8	70·9	71·8	74·2	76·0	76·2	78·0	78·3	77·9	77·7	77·4	77·2	74·5
	9	77·3	77·0	76·2	76·7	76·4	77·2	77·4	77·2	76·2	76·0	75·1	75·2	75·2	75·2	75·7	77·4	77·5	75·7	78·0	76·4	76·2	76·2	77·2	77·2	76·5
	10	78·0	77·8	77·1	77·2	77·4	77·9	77·8	77·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	11	—	—	—	—	—	—	—	—	74·4	74·2	73·4	72·8	72·6	72·1	72·7	75·0	76·4	75·2	75·8	76·4	76·6	76·4	76·4	76·4	75·7
	12	75·9	75·5	75·0	74·8	74·6	75·2	74·4	73·2	72·1	71·5	71·3	70·8	71·1	71·3	72·2	74·2	75·0	74·5	74·4	74·8	75·2	76·0	76·1	75·6	73·9
	13	75·5	74·1	74·1	74·0	74·0	74·0	73·2	74·0	72·2	72·1	72·3	72·8	72·3	71·1	71·8	73·9	75·2	74·2	75·7	76·0	76·2	75·7	76·1	76·3	74 0
	14	76·3	76·0	75·3	75·3	75·1	75·6	75·8	75·2	74·2	73·8	73·4	72·3	72·3	71·8	72·5	74·5	75·1	74·5	75·8	75·9	76·2	75·5	76·1	76·2	74·8
	15	75·8	74·8	74·4	74·4	74·3	74·2	74·2	74·2	74·2	74·0	73·8	72·8	72·3	71·9	72·3	74·4	76·1	76·2	76·2	77·3	77·6	77·2	77·3	77·4	74·9
	16	77·3	76·4	76·4	76·1	76·1	76·2	76·6	76·6	75·7	75·4	75·2	74·7	74·4	74·2	75·2	77·5	78·4	77·4	78·5	79 0	78·7	77·5	78·1	78 2	76·7
	17	78·3	77·9	77·9	77·6	77·5	77·7	77·4	78·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	18	—	—	—	—	—	—	—	—	77·2	77·2	76·9	77·0	76·4	75·7	75·9	77·4	78·5	78·2	79·3	80·0	79·6	80·2	80·5	80·3	78·0
	19	79·1	78·6	78·1	77·5	77·1	77·2	77·2	77·0	76·7	76·2	75·8	76·4	75·4	74·8	75·2	77·8	78·2	77·4	77·4	77·7	78·4	78·2	78·4	78·3	77·3
	20	78·1	77·1	76·4	76·6	76·0	76·2	74·7	74·0	73·7	74·0	73·4	73·2	73·2	72·3	72·3	75·2	77·1	76·4	77·4	77·7	77·4	77·4	78·1	76·4	75·6
	21	76·9	76·6	76·1	75·7	75·4	75·2	75·2	74·8	74·0	73·2	72·8	72·7	72·5	71·7	72·5	75·4	77·1	77·6	77·0	77·6	78·2	78·2	77·7	77·2	75·5
	22	76·3	76·2	75·4	75·9	75·9	76·0	75·4	75·0	74·2	73·3	72·8	72·8	72·6	72·3	73·2	75·7	76·2	75·4	75·7	76·2	76·7	77·0	77·9	77·0	75·2
	23	77·2	76·6	76·3	76·3	76·1	76·4	77·2	77·0	76·7	76·0	74·9	74·2	74·0	73·2	74·5	77·2	78·0	77·7	78·2	78·0	78·6	77·9	79·2	79·2	76·7
	24	78·9	78·2	77·5	76·9	76·9	76·9	77·2	77·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	25	—	—	—	—	—	—	—	—	76·2	75·9	75·7	75·2	75·2	74·5	75·2	76·2	76·6	74·3	75·2	79·0	78·4	76·0	76·3	77·2	76·5
	26	77·8	78·2	78·2	78·2	78·2	77·6	77·7	77·4	77·2	76·0	75·4	75·2	74·7	74·4	75·0	77·4	78·2	77·4	76·2	79·2	79·1	77·7	77·4	76·4	77·1
	27	77·2	77·5	77·4	77·4	77·2	77·2	77·2	77·0	76·2	77·0	76·7	76·2	76·7	77·2	77·9	78·9	79·2	79·4	78·9	80·2	80·8	81·0	80·7	80·2	78·1
	28	80·2	79·9	80·0	79·5	78·5	78·4	78·2	78·0	77·8	77·4	76·4	77·0	76·8	76·0	75·7	77·4	78·4	79·7	78·2	80·2	80·4	80·2	80·2	79·3	78·5
	29	79·3	79·2	78 6	78·4	78·2	78·8	79·0	78·2	76·7	76·4	75·5	75·1	75·2	74·7	75·5	78·0	78·2	78·6	80·2	81·0	79·9	81·2	79·4	79·4	78·1
	30	78·9	78·3	78·2	78·2	78·2	78·2	78·0	78·0	78·0	77·0	76·0	75·2	74·7	74·2	75·2	77·7	78·5	78·4	79·2	81·2	80·2	80·7	79·7	80·2	78·0
	Means	76·9	76·6	76·1	76·0	75·8	76·0	75·8	75·6	74·6	74·2	73·7	73·3	73·0	72·6	73·2	75·4	76·5	76·2	76·7	77·2	77·4	77·1	77·3	77·2	75·6
	Mar. 31	80·2	80·0	79·6	79·0	78·8	79·0	79·0	78·2	—	* —	—	* —	—	—	—	—	—	—	—	—	—	—	—	—	—
APRIL 1860	1	—	—	—	—	—	—	—	—	78·2	77·4	77·8	77·7	77·7	77·2	77·5	78·7	79·4	78·7	80·2	81·2	81·4	82·2	81·5	80·4	79·2
	2	80·2	79·7	79·4	79·4	78·6	78·9	79·0	79·0	78·2	78·2	77·9	78·2	78·0	77·2	77·2	78·5	78·2	80·3	81·9	82·8	82·6	82·2	81·6	81·5	79·5
	3	81·1	80·8	80·3	80·0	80·0	80·0	79·4	79·2	79·0	78·4	78·2	79·0	79·2	78·7	78·2	79·4	80·2	80·2	79·5	80·0	80·2	80·9	81·4	81·7	79·8
	4	81·0	80·0	79·5	80·0	79·7	79·7	79·6	79·2	78·2	78·2	78·4	76·2	77·4	78·0	78·4	80·2	80·2	81·0	81·7	80·4	80·4	80·2	80·0	80·4	79·5
	5	80·5	80·4	80·0	79·9	79·4	79·3	79·2	79·2	79·2	79·2	79·0	78·2	78·2	77·8	78·0	81·2	81·2	81·2	79·2	81·0	80·6	80·2	79·5	79·8	79·6
	6	79·2	79·0	79·3	79·3	79·0	78·4	78·2	78·0	77·2	76·2	76·0	76·4	76·0	75·8	76·8	79·3	79·4	80·2	80·2	80·4	80·4	81·2	81·4	79·5	78·6
	7	79·2	78·7	78·8	78·4	78·3	78·2	78·2	77·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	8	—	—	—	—	—	—	—	—	77·2	77·2	77·4	77·2	76·9	76 6	77·0	77·6	77·3	77·6	77·9	79·0	78·4	78·2	78·0	76·4	77·8
	9	77·2	77·4	77·4	77·4	77·4	77·2	77·2	76·9	75·5	76·7	76·4	76·2	75·7	75·2	76·2	77·0	77·5	77·0	78·0	79·4	80·2	78·0	78·5	79·1	77·3
	10	78·5	79·1	79·1	79·1	79·1	79·2	78·7	78·7	79·0	79·0	78·7	78·2	77·1	77·2	78·0	80·2	80·6	80·3	80·3	80·8	83·1	83·1	82·1	81·0	79·6
	11	81·2	82·1	82·1	82·1	82·0	81·2	80·8	80·2	79·0	78·4	78·3	78·0	77·7	77·2	77·2	79·2	79·7	79·2	79·4	80·1	82·8	81·8	81·7	81·1	80·1
	12	81·0	81·2	80·9	80·2	80·0	80·2	80·2	80·0	79·2	79·2	79·2	79·0	78·7	78·9	79·9	80·4	81·2	80·4	80·9	80·7	80·8	82·0	82·4	82·0	80·4
	13	82·1	81·4	79·4	79·2	79·0	77·7	78·3	77·7	77·2	76·7	76·9	77·9	78·2	78·0	78·5	78·4	79·4	80·8	80·0	81·2	81·8	81·4	81·2	81·4	79·3
	14	81·2	80·7	79·4	79·1	78·4	78·2	78·2	77·9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	15	—	—	—	—	—	—	—	—	78·2	78·2	77·7	77·7	77·2	77·2	78·0	78·4	79·2	79·4	79·6	78·2	79·4	79·5	79·4	78·8	78·7
	16	79·0	79·2	78·3	79·0	78·4	78·7	78·4	78·2	77·7	77·4	77·2	76·8	77·2	77·2	78·4	78·9	79·4	79·7	80·0	79·5	79·4	79·4	80·3	80·3	78·7
	17	79·6	79·1	78·7	78·2	78·1	79·0	79·0	78·9	78·2	77·4	77·2	76·9	76·7	76·7	77·4	78·2	77·4	78·2	79·1	79·4	78·5	78·1	78·7	78·6	78·2
	18	78·3	77·7	77·5	77·0	77·0	77·2	77·2	76·7	76·2	75·3	74·2	74·2	74·2	73·5	75·6	78·3	79·4	81·0	77·4	79·2	79·4	79·0	78·2	78·4	77·2
	19	78·5	78·2	77·2	77·2	77·0	77·2	77·2	76·2	76·0	75·2	74·2	74·2	74·0	73·6	75·2	77·8	78·2	78·4	78·2	77·4	78·2	77·4	77·6	77·6	76·7
	20	77·7	77·4	77·2	77·2	77.2	77·4	77·4	77·2	76·7	75·2	74·4	74·2	73·9	73·2	74·2	76·7	78·4	77·2	78·2	78·4	76·5	75·4	76·8	77·3	76·5
	21	78·1	78·4	78·3	79·0	78·8	79·0	79·2	79·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	22	—	—	—	—	—	—	—	—	77·5	77·2	76·7	77·7	77·2	76·2	77·4	76·7	76·9	76·7	77·8	79·0	80·2	80·5	81·2	80·1	78·3
	23	80·7	80·4	79·9	79·4	78·8	78·7	78·4	78·2	77·2	77·2	77·0	76·8	77·2	77·2	79·0	79·7	78·5	80·4	81·4	81·2	80·8	80·4	80·2	80·3	79·1
	24	80·3	80·2	79·3	79·2	79·2	78·7	79·1	79·2	79·0	77·4	76·7	76·7	76·3	76·2	78·5	79·4	81·0	80·7	80·7	81·7	81·2	80 8	80·6	80·9	79·3
	25	80·5	79·8	79·3	78·9	78·8	79·0	78·9	78·7	79·0	79·0	77·2	76·4	75·4	75 3	77·4	78·3	77·4	79·2	80·0	80·2	80·5	81·0	80·7	80·2	78·8
	26	80·1	79·7	78·9	78·8	78·7	79·0	78·4	78·2	77·4	76·8	76 2	75 7	74·8	73·4	76 0	77·2	77·8	77·2	79·2	80·2	79 8	79·2	78 5	79·6	77·9
	27	78·4	78·4	77·8	77·6	77·8	78·2	78·2	78·0	77·7	77·2	77·0	75·7	75·2	75·4	78 0	79·2	79·2	78·7	79·9	79·7	79·4	79·2	78·3	79·3	78·1
	28	79·5	79·4	79·5	79·6	79·3	79·2	79·2	77·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	29	—	—	—	—	—	—	—	—	78·7	78·9	78·8	78·2	77·2	74·4	75·7	78·4	79 2	79·1	80·2	79·0	79·7	80·1	80·3	80·9	78·8
	30	81·2	81·2	81·2	80·2	80·2	79·4	79·6	78·6	78·0	76·5	76·4	76·0	76·2	76·2	77·4	77·8	78·5	77·7	78·7	79·8	80·8	80·2	81·2	81·2	78·9
	Means	79·8	79·6	79·2	79·0	78·8	78·8	78·7	78·3	77·9	77·4	77·1	76·9	76·7	76·3	77·3	78·7	79·0	79·2	79·6	80·0	80·2	80·1	80·0	79·9	78·7

*The numbers in these columns are not observed, bnt interpolated for the sake of obtaining the daily means.

WET THERMOMETER, STANDARD No. 8

(Corrected to the Kew Observatory Standard Thermometer)

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	o	o	o	o	o	o	o	o	o	* o	o	* o	o	o	o	o	o	o	o	o	o	o	o	o	o
1	80·2	80·3	80·2	80·2	80·2	80·0	79·2	79·0	78·4	78·2	78·2	78·0	77·7	77·7	79·0	78·9	79·0	78·2	77·3	77·6	78·9	80·2	80·6	81·2	79·1
2	81·2	81·2	80·4	80·4	79·6	79·2	79·4	79·2	78·2	77·4	78·0	78·2	77·6	77·7	78·9	80·0	80·5	81·7	81·0	81·4	82·1	81·7	81·9	82·1	80·0
3	82·2	82·2	81·4	81·2	81·2	80·5	81·0	80·9	81·0	79·9	79·7	79·6	79·8	80·2	80·5	81·6	81·2	81·2	81·4	82·3	82·8	82·0	82·1	82·4	81·2
4	82·5	82·1	81·3	81·2	80·4	80·4	80·2	79·4	79·8	79·2	79·6	79·6	79·7	80·2	81·0	81·3	81·1	82·3	82·3	82·1	81·7	82·0	82·1	82·4	81·0
5	82·1	81·5	81·2	81·0	80·2	80·6	80·0	79·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	79·2	79·0	79·1	79·2	79·2	79·2	80·2	81·0	82·0	80·3	82·1	82·3	82·1	82·1	81·9	81·3	80·7
7	81·4	81·1	80·3	80·2	80·1	79·4	79·4	79·4	79·8	79·8	79·9	79·9	79·4	79·2	79·5	80·0	81·0	81·2	82·1	82·3	82·6	82·9	82·4	82·4	80·7
8	82·3	81·8	81·4	81·2	80·3	80·2	80·2	80·0	79·6	79·6	79·2	79·2	79·4	78·7	79·2	80·2	81·2	80·4	81·2	82·6	82·9	83·1	84·0	83·1	80·9
9	83·0	82·5	82·1	82·1	81·5	80·4	80·0	80·2	79·2	78·8	78·2	78·2	77·8	77·4	78·4	77·4	78·2	79·3	81·4	81·6	82·3	80·6	81·4	80·5	80·1
10	82·2	82·1	82·0	82·3	82·1	80·0	80·2	79·9	79·8	79·4	79·2	79·2	78·2	78·0	77·4	79·0	79·2	79·4	80·0	81·9	82·1	82·3	82·5	82·2	80·4
11	82·7	82·3	81·2	81·3	80·1	80·8	79·9	78·9	78·0	76·8	76·0	76·4	75·7	74·7	73·4	75·0	77·0	78·2	79·2	80·2	80·2	80·9	80·2	79·8	78·7
12	79·4	80·5	80·4	81·1	81·2	81·2	79·9	79·6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	79·6	79·2	79·8	79·4	80·2	80·2	81·0	81·9	81·5	82·6	81·2	83·1	82·3	81·7	81·5	81·7	80·8
14	82·1	81·3	81·7	82·3	81·9	82·0	79·2	76·4	75·9	74·2	74·2	74·4	73·8	72·8	74·0	74·4	75·4	76·2	78·9	80·2	81·2	80·5	80·1	79·6	78·0
15	79·7	78·6	78·4	78·4	78·5	78·9	79·6	78·2	79·0	78·6	78·7	79·0	79·2	79·4	80·0	79·7	79·3	78·8	79·2	79·2	81·2	82·1	82·4	82·5	79·5
16	81·9	79·6	80·5	82·1	80·6	81·1	81·2	81·2	81·0	81·2	80·2	79·6	77·8	75·9	74·2	75·5	76·0	77·2	75·6	79·2	81·2	81·4	81·3	81·4	79·5
17	81·1	81·0	78·4	78·2	78·2	78·9	79·4	80·2	79·4	78·2	77·6	75·2	73·7	74·2	75·4	77·0	78·2	79·2	82·1	82·1	82·3	81·7	81·4	81·1	78·9
18	81·3	80·3	81·6	82·1	82·1	81·5	80·2	78·7	78·3	79·9	80·4	80·2	79·8	79·0	77·5	77·2	77·2	76·4	81·2	81·4	80·2	80·6	79·6	81·3	79·9
19	81·3	82·1	81·3	81·4	81·4	81·0	81·4	81·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	80·2	79·4	79·6	79·6	80·0	79·6	80·9	82·0	82·1	80·7	79·6	79·2	81·7	82·2	82·6	82·5	81·0
21	82·6	82·6	82·1	81·9	81·7	81·8	81·7	81·7	80·2	80·0	80·1	79·4	79·8	80·2	81·4	82·0	82·1	81·0	81·9	82·7	82·1	83·1	83·6	84·1	81·7
22	83·8	82·6	81·8	82·1	81·8	82·1	81·7	80·2	78·2	76·5	75·4	74·8	74·2	74·2	76·2	76·4	78·2	78·0	79·6	78·7	79·7	82·6	83·1	82·6	79·4
23	82·1	81·5	81·3	81·5	82·0	82·7	81·2	80·2	75·5	74·7	74·4	74·2	74·2	74·0	74·7	75·3	75·4	76·2	78·1	77·4	78·9	80·0	80·2	80·4	78·2
24	80·6	81·0	79·0	75·4	74·0	74·4	74·2	74·2	73·8	75·2	75·0	72·5	72·3	74·0	74·2	75·6	77·2	77·0	76·4	78·0	76·2	79·2	78·2	79·4	76·1
25	78·9	80·1	78·2	76·2	74·9	75·8	76·6	76·9	75·2	76·2	76·6	76·4	75·8	75·6	77·2	78·2	78·5	80·0	80·2	77·4	77·4	79·1	80·2	83·9	77·7
26	84·9	84·1	83·1	82·4	82·1	81·0	81·2	80·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	77·2	77·0	76·4	75·7	74·6	75·2	78·2	79·8	79·0	80·2	79·0	79·4	82·1	83·7	83·3	83·8	80·1
28	82·9	82·1	82·1	82·0	82·0	82·1	82·1	81·9	79·5	80·2	80·2	78·7	76·0	75·4	76·7	78·2	78·4	80·1	80·4	82·4	82·9	82·9	82·1	82.2	80·6
29	82·6	82·7	82·5	82·5	82·1	82·1	80·5	80·4	80·5	80·7	80·7	80·2	80·2	79·7	80·2	81·2	81·2	80·8	81·2	82·1	83·1	82·4	82·6	82·7	81·6
30	83·1	83·0	83·1	79·2	78·7	77·9	78·4	79·9	79·4	77·2	76·7	78·0	76·7	76·2	76·2	76·2	76·5	77·4	79·4	77·9	78·9	82·1	83·4	83·3	79·1
31	82·5	82·3	82·1	81·4	81·2	81·7	82·1	82·1	81·4	79·2	78·2	78·9	77·2	74·4	73·2	74·4	77·2	79·0	77·8	78·7	80·2	81·2	82·2	81·6	79·6
Means	81·9	81·6	81·1	80·8	80·4	80·3	80·0	79·6	78·8	78·4	78·2	77·9	77·4	77·1	77·7	78·5	79·0	79·4	80·0	80·5	81·1	81·6	81·7	81·9	79·8

MAY 1860

1	81·2	81·8	81·6	81·6	81·4	82·0	81·7	81·5	81·2	* 81·0	80·7	* 80·2	79·4	78·2	81·2	80·9	80·2	80·4	81·2	81·0	84·3	82·9	82·4	82·9	81·3
2	83·1	83·2	83·1	83·1	82·9	82·3	82·1	81·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	80·2	79·9	79·1	77·0	75·7	76·2	78·0	77·4	78·4	78·4	79·6	81·9	77·7	77·4	78·2	83·1	80·0
4	81·4	81·0	81·2	81·2	81·2	80·7	79·0	77·2	77·9	76·8	76·2	75·2	75·0	73·6	74·4	75·9	76·4	76·7	79·4	80·4	80·9	79·5	79·1	79·4	78·3
5	79·9	80·2	80·2	80·9	81·4	81·2	81·6	82·0	81·2	79·4	79·2	79·2	79·2	79·0	78·7	79·5	81·2	81·0	81·9	81·7	82·3	82·1	82·2	81·9	80·7
6	79·1	77·9	76·4	76·2	75·2	74·2	75·0	75·4	75·7	76·2	76·2	76·4	76·2	76·2	75·4	75·7	76·3	76·9	77·0	78·4	78·7	79·4	80·1	80·4	76·9
7	80·4	79·4	79·0	79·2	79·1	79·6	79·2	78·2	77·4	75·7	75·2	75·2	76·2	77·2	78·0	79·7	82·0	82·1	80·2	81·5	81·7	81·4	81·4	82·1	79·2
8	81·9	81·4	81·7	82·1	81·7	81·7	78·8	78·4	77·2	77·8	77·7	78·2	78·2	78·2	78·5	80·2	80·2	81·3	80·2	79·7	79·5	80·1	79·1	80·6	79·8
9	79·2	79·4	78·9	78·7	78·2	78·9	79·9	80·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	74·2	75·4	75·2	74·6	75·2	75·7	77·0	78·1	80·4	79·0	80·2	80·2	79·1	79·7	80·2	80·3	78·3
11	80·4	79·4	79·2	79·9	80·0	80·2	79·0	76·9	75·7	75·2	76·0	75·2	74·9	74·4	78·2	77·5	77·2	78·2	78·7	79·4	80·4	80·2	80·5	80·4	78·2
12	80·7	80·4	80·1	79·4	79·0	79·2	78·7	78·4	79·0	78·7	78·2	77·4	76·2	75·4	74·5	76·2	77·0	78·4	78·7	79·6	79·7	80·2	81·1	80·3	78·6
13	82·1	81·2	80·5	80·4	80·3	79·7	79·2	78·9	79·2	78·9	78·7	79·0	79·2	78·2	78·4	78·5	77·0	78·2	77·7	78·0	80·2	81·1	80·0	79·1	79·3
14	81·0	81·9	81·0	81·1	79·4	76·7	74·9	73·5	73·2	73·4	73·9	74·4	75·2	74·9	74·4	75·2	75·4	76·2	77·2	77·6	77·2	77·7	77·2	77·3	76·7
15	77·6	76·4	80·4	75·0	74·5	74·2	74·5	74·3	74·0	74·8	74·0	73·4	73·1	72·5	74·2	74·4	74·2	74·4	75·7	77·2	77·0	77·4	77·3	77·9	75·3
16	78·0	76·3	76·4	76·0	75·8	76·2	75·4	74·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	—	79·2	79·4	79·2	77·7	76·9	76·9	77·0	77·5	80·0	77·9	77·7	77·7	77·2	78·9	80·4	81·1	77·6
18	80·4	80·1	80·3	80·4	80·6	79·2	78·4	79·7	75·8	77·9	77·1	77·2	77·6	77·8	78·7	79·2	78·2	78·4	78·2	78·5	79·4	80·7	82·1	81·6	79·1
19	81·0	79·8	80·2	80·4	80·6	80·2	80·0	79·2	77·7	76·8	77·0	77·2	77·0	76·2	77·2	77·7	78·2	76·2	78·0	78·2	79·1	81·1	80·6	80·0	78·7
20	76·4	78·2	78·1	78·0	77·9	77·2	78·0	77·5	78·2	78·2	78·0	76·2	74·2	74·8	75·2	76·4	76·6	77·4	79·5	79·6	81·0	80·2	81·7	81·8	77·9
21	79·3	78·6	79·0	79·0	79·2	79·0	79·2	79·0	79·0	78·7	75·4	76·2	77·4	77·4	77·6	78·2	79·4	79·4	78·3	78·3	79·2	78·7	80·4	81·3	78·6
22	80·9	80·6	80·3	80·3	80·1	80·2	79·7	79·6	79·2	78·5	78·0	78·0	77·8	77·7	78·4	79·4	80·2	79·4	80·0	79·5	80·8	81·4	82·1	81·9	79·7
23	81·6	81·2	80·6	80·3	80·5	80·2	80·2	79·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	79·2	79·2	79·2	79·0	79·4	78·8	78·2	79·0	78·5	79·6	78·2	79·6	80·0	78·7	79·5	80·6	79·6
25	81·2	80·4	80·2	80·2	78·2	77·2	78·9	79·4	79·4	79·4	79·2	75·7	74·2	73·7	74·2	73·6	77·0	75·1	76·4	77·2	77·2	76·4	77·2	80·4	77·6
26	78·1	78·1	78·1	78·0	78·0	78·7	79·1	79·5	79·2	79·2	78·2	77·2	75·2	74·7	74·2	75·0	74·2	75·4	76·2	76·5	77·2	77·0	77·1	77·6	77·2
27	79·1	78·8	77·5	77·4	77·2	78·0	78·8	78·4	78·2	79·0	76·2	74·4	75·7	73·9	74·0	74·3	76·0	76·4	75·5	75·9	79·2	78·7	78·4	78·8	77·1
28	79·3	79·5	78·3	78·2	78·2	79·9	79·9	79·8	79·2	78·2	76·8	72·8	73·1	73·2	74·2	74·7	75·5	75·6	76·4	77·4	80·3	79·8	79·3	79·7	77·5
29	79·6	78·9	77·2	77·2	77·0	76·7	79·0	78·2	77·4	76·6	75·2	73·7	72·5	72·7	73·4	73·2	76·4	76·2	76·0	77·0	77·5	79·4	77·2	78·3	76·5

JUNE 1860

Means	80·1	79·8	79·6	79·4	79·1	78·9	78·8	78·4	77·9	77·8	77·2	76·4	76·2	75·9	76·5	77·1	77·8	77·9	78·3	78·9	79·5	79·6	79·8	80·4	78·4

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

WET THERMOMETER, STANDARD No. 8
(Corrected to the Kew Observatory Standard Thermometer)

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.14	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	o	o	o	o	o	o	o	o	o	* o	o	* o	o	o	o	o	o	o	o	o	o	o	o	o	o
June 30	78·6	77·8	77·6	77·6	76·4	75·4	76·0	75·6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1	—	—	—	—	—	—	—	—	79·4	78·2	77·0	74·9	75·2	75·4	75·7	76·2	76·4	76·7	77·9	77·2	78·9	79·6	78·9	78·4	77·1
2	77·9	78·1	80·2	79·2	79·0	79·3	77·5	77·2	75·4	76·2	76·2	75·7	75·2	75·2	76·2	76·9	77·4	77·5	78·0	77·4	78·5	79·0	78·9	80·0	77·6
3	80·3	79·8	80·2	80·9	80·7	80·1	78·2	78·2	77·2	75·9	75·2	77·2	78·0	75·8	75·2	75·2	75·2	75·7	76·4	77·4	77·0	77·5	78·3	78·5	77·7
4	79·2	79·2	79·6	78·2	77·2	78·0	77·2	78·2	77·7	78·3	77·7	78·2	77·2	76·2	76·4	77·7	76·4	77·9	77·6	77·4	78·4	80·1	80·0	78·4	78·0
5	78·4	78·4	77·2	78·2	79·2	79·6	79 0	79·0	77·9	76·4	76·2	76·2	77·2	75·2	74·4	74·7	75·2	77·0	76·8	77·2	78·5	79·0	79·2	80·0	77·5
6	80·0	80·3	80·4	79·5	79·4	79·0	78·6	78·8	78·2	77·4	78·2	75·2	74·7	74·2	74·4	75·0	74·7	76·2	76·4	78·0	78·5	79·4	79·4	79 3	77·7
7	78·5	78·0	79·2	78·8	78·2	78·4	77·7	78·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	80·2	80·0	79·8	78·2	78·2	76·7	75·7	76·2	75·6	76·0	75·2	74·8	74·2	76·0	76·2	77·2	77·4
9	79·2	79·3	79·2	79·0	79·5	79·4	79·4	79·2	76·0	76·7	76·2	75·2	74·7	74·2	74·2	75·6	77·2	78·7	77·9	77·5	79·2	78·2	75·7	78·4	77·5
10	78·9	79·0	78·2	78·7	79·0	78·5	78·9	79·2	78·7	79·0	77·8	76·0	74·2	74·0	72·3	73·2	73·4	74·4	75·9	75·5	76·4	77·2	76·2	78·4	76·8
11	78·5	78·4	77·0	77·1	77·4	76·1	76·7	77·4	77·4	77·2	75·6	73·1	72·8	73·0	73·2	73·7	74·0	76·2	75·2	76·2	76·9	77·4	75·1	78·4	76·0
12	78·3	78·4	77·2	79·3	79·0	76·0	75·2	74·5	75·2	76·0	76·0	75·2	74·4	73·4	73·4	74·3	75·8	76·4	76·5	76 4	77·2	77·7	79·2	79·2	76·4
13	78·2	78·2	79·0	78·4	78·0	78·4	77·0	76·7	74·8	75·2	75·0	74·6	75·6	76·8	77·2	77·7	77·4	77·2	77·2	77·9	77·9	77·9	77·2	77·2	77·1
14	76·7	77·2	77·2	77·4	76·4	76·2	76·2	75·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	76·8	75·6	75·7	77·0	77·2	75·0	74·2	75·4	76·2	75·7	76·4	76·2	76·6	75·7	76·6	76·0	76·2
16	76·0	77·2	77·2	77·2	77·4	76·6	77·2	77·2	74·7	74·4	74·9	75·5	76·6	75·2	74·4	75·2	76·2	75·2	76·8	76·6	76·7	77·2	79·4	78·2	76·4
17	79·7	79·5	79·4	79·0	78·2	78·2	77·2	76·2	77·7	77·9	78·2	79·0	79·0	79·4	79·2	78·0	77·0	77·2	77·2	78·4	78·2	80·0	82·8	81·1	78·7
18	81·8	80·4	80·2	80·2	80·2	79·7	78·7	79·0	75·0	75·4	76·7	77·2	78·2	78·2	79·2	79·9	79·2	78·3	77·4	77·2	77·5	78·7	80·1	79·3	78·7
19	78·9	79·3	79·2	79·2	79·0	79·2	79·2	79·2	78·7	73·1	72·8	73·7	75·2	75·0	76·2	78·2	79·0	79·4	80·2	79·6	78·9	79·2	80·2	81·0	78·1
20	81·2	80·4	78·2	79·2	77·7	77·2	78·2	78·2	79·4	77·2	75·0	75·2	74·2	75·2	75·4	77·2	77·4	79·2	79·4	80·6	79·6	79·2	78·7	80·3	78·1
21	81·8	81·2	81·5	81·0	76·1	75·7	75·6	75·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	76·8	77·0	76·9	76·4	76·7	75·6	77·2	78·5	78·2	78·3	77·2	78·9	80·0	79·0	81·4	81·3	78·2
23	81·3	80·5	79·8	79·8	80·0	80·0	79·4	78·2	75·7	75·5	75·2	74·1	74·2	75·0	75·7	77·0	77·2	77·4	77·4	77·7	80·0	79·6	80·4	80·5	78·0
24	80·8	80·5	79·8	76·6	75·4	74·2	75·2	75·2	76·2	76·2	75·8	75·2	75·2	75·4	75·7	76·2	78·2	77·4	76·4	78·0	79·0	79·4	81·3	81·1	77·3
25	80·3	80·6	79·4	78·8	78·7	79·0	79·2	79·2	79·2	79·2	79·4	79·9	76·7	75·0	74·2	75·0	76·2	76·4	75·7	77·2	78·2	78·0	79·3	79·3	78·1
26	78·9	77·6	78·2	78·8	78·9	77·2	77·9	78·2	77·2	77·2	77·2	77·2	76·4	76·2	75·2	77·2	77·4	77·3	77·4	78·4	80·0	78·0	77·7	78·1	77·7
27	78·2	77·1	76·2	74·6	74·5	74·4	74·4	74·2	74·2	75·2	74·7	74·2	74·0	74·4	75·0	74·4	75·2	76·8	78·9	78·2	78·4	76·2	77·4	78·2	75·8
28	78·0	76·6	75·1	75·4	75·5	74·8	75·3	75·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	78·2	77·7	77·2	76·0	74·2	72·8	76·2	74·2	74·4	74·4	75·5	76 6	77·0	78·2	77·2	77·0	75·9
30	77·6	79·2	79·7	80·0	79·3	78·2	78·2	78·8	78·2	77·6	77·2	75·2	73·6	73·2	72·4	73·2	74·2	74·7	75·4	73·0	74·2	76·0	77·1	77·3	76·4
31	78·6	78·7	78·7	77·2	79·2	79·0	78·2	78·2	78·2	77·7	76·8	76·4	76·2	75·7	76·6	75·4	74·2	75·4	76·7	77·2	77·4	77·0	78·9	78·6	77·3
Means	79·1	78·9	78·7	78·5	78·1	77·7	77·5	77·4	77·2	76·8	76·5	76·0	75·7	75·2	75·4	76·0	76·3	76·8	77·0	77·3	77·9	78·2	78·6	78·9	77·3
1	78·6	77·7	79·2	78·4	79·2	79·2	79·6	79·2	78·7	* 78·2	77·9	* 77·2	76·8	76·7	77·2	76·2	76·2	76·0	77·0	76·7	76·4	77·5	77·1	78·4	77·7
2	77·1	76·4	76·5	76·6	76·8	76·0	76·4	76·2	75·9	75·2	74·9	74·4	75·2	73·7	74·2	73·4	74·2	74·7	75·2	75·4	76·2	75·8	76·6	76·8	75·6
3	76·8	76·0	75·0	76·2	74·2	74·4	75·0	75·4	75·2	74·0	73·2	73·2	72·8	72·8	73·2	73·2	73·2	74·0	75·9	76·2	77·0	76·5	77·4	77·0	74·9
4	76·6	75·6	76·6	77·2	79·2	78·8	78·2	78·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	78·0	77·9	77·2	75·4	74·2	73·6	73·2	75·7	76·0	76·4	77·0	77·2	78·2	78·0	78·3	76·8	76·8
6	77·7	80·9	79·1	76·0	77·0	77·2	77·2	77·4	77·2	75·4	75·7	75·2	74·4	73·8	73·4	74·2	76·2	77·0	77·2	77·4	77·9	78·2	78·7	78·6	76·8
7	77·4	79·1	78·0	80·1	80·3	79·6	79·0	78·4	78·0	77·2	75·7	75·2	74·8	74·2	73·4	74·4	75·5	74·7	75·7	75·8	77·0	78·0	78·9	79·6	77·1
8	78·4	79·0	78·3	78·6	79·1	78·7	77·9	77·2	77·2	76·7	76·0	76·2	75·5	75·4	75·4	74·2	74·2	75·7	75·8	75·7	76·4	76·7	79·1	78·9	76·9
9	78·9	77·0	76·3	77·4	78·0	78·4	78·2	79·5	78·7	78·2	78·0	77·2	77·0	76·2	76·4	75·9	76·2	76·7	77·7	78·9	79·4	79·9	79·9	79·8	77·9
10	78·2	79·0	79·1	80·0	79·9	78·4	79·1	77·7	77·2	76·7	76·2	76·2	75·9	76·2	76·2	76·7	78·2	78·2	77·2	77·4	77·7	76·9	77·9	79·1	77·7
11	79·4	79·2	79·1	74·2	75·1	76·2	76·8	77·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	78·4	78·2	78·2	77·7	77·0	74·7	73·7	75·1	75·4	76·2	76·7	77·7	77·0	75·7	76·9	76·3	76·8
13	77·8	78·0	78·0	77·8	77·2	76·2	76·0	76·7	76·2	76·2	76·2	75·2	75·2	75·7	76·0	77·2	75·9	77·0	76·2	76·8	77·2	79·1	79·0	77·2	76·8
14	79·1	79·3	78·5	78·5	78·3	78·7	78·4	75·4	75·8	75·2	75·2	75·6	75·2	75·2	75·7	76·0	74·4	74·4	75·4	77·4	76·2	77·4	78·6	78·5	76·8
15	78·6	79·1	78·6	78·4	78·4	78·2	78·2	78·4	77·0	77·2	77·2	76·9	75·2	75·2	76·2	76·7	76·9	77·7	78·0	80·0	80·5	80·4	79·4	79·4	78·0
16	79·4	78·6	78·3	78·3	78·2	79·2	79·0	78·4	78·2	77·2	75·4	74·0	73·7	74·4	75·7	76·1	77·0	77·7	77·9	77·4	78·2	78·7	79·0	79·0	77·5
17	78·9	78·6	77·8	77·4	77·0	77·2	77·7	77·7	77·2	77·9	78·0	74·2	73·6	73·2	74·2	75·6	76·6	78·4	80·2	80·4	79·4	79·8	79·4	79·1	77·5
18	78·6	78·8	78·8	78·6	78·4	79·2	79·4	79·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	79·2	78·7	78·2	77·7	77·2	77·2	78·2	80·0	79·5	79·8	78·9	79·3	81·0	80·8	80·9	80·0	79·1
20	79·5	79·4	78·8	78·8	78·8	79·0	79·2	79·0	79·0	79·2	78·2	78·2	78·0	78·0	77·2	78·7	79·5	79·8	79·5	81·2	82·2	82·0	79·4	80·4	79·3
21	79·7	79·6	79·6	79·4	79·5	79·4	79·2	79·2	78·9	78·5	78·2	78·2	78·0	77·2	77·0	77·2	77·2	78·4	79·2	78·6	81·2	80·5	80·0	81·0	79·0
22	80·2	79·6	79·1	79·2	79·0	79·2	79·1	79·2	78·7	78·7	78·2	77·9	77·4	77·2	78·0	78·5	78·7	79·7	79·4	79·2	80·0	80·7	80·2	81·2	79·1
23	80·3	79·5	79·1	79·1	80·0	79·2	79·4	79·5	79·0	79·2	78·4	77·7	76·7	76·4	77·5	78·4	79·2	78·7	80·0	80·2	80·7	81·2	80·1	80·3	79·2
24	79·5	78·5	79·1	79·0	78·6	78·2	78·2	78·7	79·0	78·4	78·7	78·5	78·4	77·7	77·9	78·2	77·5	78·2	78·8	80 0	81·2	82·1	81·2	80·4	79·0
25	80·5	79·8	79·4	79·0	78·9	79·2	79·2	79·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	79·4	79·4	78·9	78·2	77·6	78·2	79·2	78·7	79·0	78·2	78·2	79·4	80·9	80·5	80·6	80·6	79·3
27	80·4	79·7	79·3	79·4	78·4	78·0	77·5	76·9	78·2	78·2	77·5	77·2	76·8	76·4	77·4	78·2	79·2	80·6	80·2	80·4	78·0	78·5	82·1	81·3	78·7
28	81·6	81·1	79·8	79·5	78·4	77·2	76·9	76·7	77·2	76·4	76·2	75·4	75·2	74·2	75·2	76·2	76·7	78·2	78·8	79·8	79·4	78·9	79·3	79·6	77·8
29	80·1	79·0	79·6	79·7	79·7	79·4	78·2	77·4	76·2	76·2	76·2	75·4	75·2	75·2	74·7	75·2	76·0	77·0	78·0	78·8	79·2	78·9	79·4	79·6	77·7
30	79·6	79·9	79·3	78·4	79·0	79·2	76·4	75·9	75·7	75·7	76·2	76·2	75·4	75·7	75·4	76·4	77·3	79·2	80·2	79·9	80·4	79·8	79·2	80·1	77·9
31	80·4	79·0	78·5	79·0	79·1	79·2	78·7	78·9	78·2	74·7	75·2	75·3	74·4	74·2	75·2	76·4	77·7	78·9	79·0	79·4	79·8	79·4	79·6	80·1	77·9
Means	79·0	78·8	78·5	78·3	78·4	78·3	78·1	77·9	77·7	77·2	76·9	76·3	75·8	75·5	75·8	76·4	76·8	77·5	77·9	78·4	78·8	79·0	79·2	79·2	77·7

JULY 1860

AUGUST 1860

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

WET THERMOMETER, STANDARD No. 8

(Corrected to the Kew Observatory Standard Thermometer)

	Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
	Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
		o	o	o	o	o	o	o	o	o	o *	o	o *	o	o	o	o	o	o	o	o	o	o	o	o	o
SEPTEMBER 1860	1	79·1	80·1	80·0	78·4	79·0	75·7	75·5	75·6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	2	—	—	—	—	—	—	—	—	80·2	79·9	79·6	77·2	75·7	75·2	74·7	75·2	76·2	77·2	77·2	77·6	77·7	77·5	77·9	77·8	77·5
	3	78·6	78·6	78·4	77·6	76·9	77·2	77·2	76·6	75·9	75·4	75·2	74·4	74·2	74·2	74·3	76·0	76·3	76·7	76·6	77·8	77·7	77·0	77·9	77.4	76·6
	4	78·2	78·3	78·6	76·5	77·2	78·2	79·0	78·4	78·0	77·2	76·7	76·2	75·4	74·7	74·2	74·0	74·6	76·2	76·0	77·2	76·7	78·2	78·6	79·1	77·0
	5	78·8	78·7	78·6	78·4	79·2	78·6	78·4	78·8	78·5	77·7	77·2	77·2	76·9	76·2	75·2	75·2	75·7	76·4	76·0	76·6	77·4	77·8	78·1	78·6	77·5
	6	79·0	78·9	78·2	78·2	77·8	79·0	79·2	79·2	78·9	78·2	77·6	76·9	76·2	76·2	75·7	77·8	78·7	79·2	78·9	79·5	79·0	79·8	80·2	79·4	78·4
	7	79·2	80·2	80·0	79·8	80·2	80·2	80·0	80·4	79·7	79·2	78·4	79·2	77·2	77·2	76·4	76·8	76·4	77·2	78·0	78·9	79·4	79·7	79·9	79·8	78·9
	8	79·5	78·8	78·4	78·4	78·2	78·7	78·2	79·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	9	—	—	—	—	—	—	—	—	78·6	78·2	74·6	76·0	75·4	75·6	75·4	78·2	78·4	79·7	80·0	80·2	80·8	81·4	82·1	81·2	78·5
	10	81·0	80·2	80·1	79·0	79·2	80·2	80·0	80·4	78·2	77·6	77·0	76·6	76·2	76·0	76·2	77·3	77·2	77·7	76·9	77·4	78·7	81·0	80·2	80·7	78·5
	11	81·2	80·1	79·7	79·7	80·1	79·5	79·9	79·8	79·4	79·6	80·0	78·9	78·2	77·4	78·2	78·4	77·0	77·4	77·2	78·5	79·4	79·4	78·5	79·4	79·0
	12	78·9	78·1	77·4	77·2	77·4	77·0	77·2	77·2	76·4	76·2	76·2	76·2	75·9	75·3	75·7	77·0	78·2	79·0	79·2	79·0	80·2	79·0	79·0	76·6	77·5
	13	76·7	76·1	76·2	76·4	74·9	74·2	73·7	72·5	74·0	74·4	74·2	74·2	74·0	73·6	74·2	76·5	77·3	77·0	78·2	78·4	79·2	79·7	79·4	80·0	76·0
	14	78·5	77·8	77·5	78·1	78·2	78·6	79·0	78·6	78·2	78·0	77·2	76·7	76·0	73·8	73·4	74·2	74·4	75·7	76·2	76·2	77·3	77·7	78·0	78·3	77·0
	15	78·9	79·3	78·4	79·2	77·7	78·8	79·2	79·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	16	—	—	—	—	—	—	—	—	76·6	76·4	76·8	77·2	76·8	76·2	76·0	75·2	75·4	76·2	76·8	77·7	79·2	78·0	78·3	79·0	77·6
	17	79·9	79·6	80·3	79·9	80·2	80·2	77·2	75·0	74·5	75·0	74·4	75·2	74·8	74·2	74·0	74·7	75·2	75·4	76·4	76·4	78·0	79·0	77·2	78·2	76·9
	18	80·2	80·1	78·9	78·6	78·8	77·2	77·0	77·2	76·0	75·7	74·8	75·4	74·9	75·2	75·2	75·2	76·4	78·0	77·7	78·2	78·8	77·4	78·2	77·9	77·2
	19	78·6	78·9	78·1	78·2	77·6	77·2	78·2	78·2	77·4	77·2	76·6	76·4	76·0	76·2	75·9	76·2	76·7	76·2	76·2	76·5	77·1	77·5	79·2	79·9	77·3
	20	79·4	79·7	79·8	79·6	79·2	78·2	78·2	77·5	77·2	77·2	76·5	76·2	76·2	76·2	77·2	76·7	76·2	77·9	77·2	77·2	77·5	81·1	80·1	80·7	78·0
	21	79·6	80·0	77·1	76·2	76·6	77·2	77·2	77·0	77·2	77·2	76·1	75·2	74·5	74·4	76·0	76·7	77·2	76·8	76·2	76·4	78·1	77·6	78·2	71·2	76·9
	22	78·1	78·3	78·4	79·1	79·4	79·2	79·2	79·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	23	—	—	—	—	—	—	—	—	77·0	76·4	76·2	75·9	75·4	75·3	76·2	77·2	78·0	76·6	78·0	78·0	78·2	78·7	78·9	79·6	77·8
	24	80·2	80·4	80·4	80·0	80·3	80·7	80·6	80·2	80·2	80·2	80·0	77·9	77·4	77·4	77·7	78·0	78·8	79·9	79·3	79·4	78·9	80·4	80·5	80·7	79·6
	25	80·1	80·3	80·0	80·0	80·0	80·0	79·7	79·2	73·2	73·6	74·2	74·4	74·4	74·7	75·8	76·2	77·6	77·2	77·8	78·7	78·2	78·4	79·1	79·2	77·6
	26	79·0	79·1	79·0	75·0	75·4	75·8	76·2	76·2	76·2	76·2	74·2	74·0	74·2	74·4	75·8	77·2	78·2	78·8	79·2	80·0	80·2	80·2	78·5	76·9	77·1
	27	79·4	78·0	78·3	78·2	78·2	78·6	78·2	78·0	76·2	75·7	75·7	75·7	76·0	76·1	76·7	78·5	78·2	78·4	79·0	79·4	80·2	80·4	81·1	80·1	78·1
	28	79·4	79·1	79·0	78·4	78·4	78·8	78·2	78·8	78·8	77·4	77·2	76·5	76·4	76·5	77·4	78·2	77·1	77·2	76·3	79·7	77·2	78·4	79·9	81·0	78·1
	29	79·3	79·3	79·0	79·0	79·3	80·2	79·8	79·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	30	—	—	—	—	—	—	—	—	79·2	79·2	77·0	77·6	76·2	77·2	78·7	77·7	78·9	80·2	81·0	81·4	81·2	82·2	77·4	82·5	79·3
	Means	79·2	79·1	78·8	78·4	78·4	78·4	78·2	78·1	77·4	77·2	76·5	76·3	75·8	75·6	75·8	76·6	77·0	77·5	77·7	78·3	78·7	79·1	79·1	79·2	77·8
OCTOBER 1860	1	81·3	81·3	80·2	80·2	80·0	80·0	79·4	79·2	79·2	79·0 *	78·2	77·6 *	76·8	75·4	76·0	77·4	79·2	80·2	80·7	81·2	82·0	82·4	82·2	81·3	79·6
	2	80·9	80·8	80·2	80·2	80·2	79·2	78·2	78·2	78·2	78·4	79·0	79·2	79·4	79·0	79 2	80·0	80·2	81·4	82·2	81·4	82·1	84·0	82·6	82·4	80·3
	3	81·8	80·6	80·2	80·2	80·4	80·2	80·2	80·0	79·4	79·4	79·2	78·6	79·0	75·5	76·4	77·2	78·2	79·0	79·8	81·0	81·7	81·4	81·2	80·9	79·6
	4	80·6	80·2	80·2	80·2	79·8	79·0	79·2	79·4	78·7	78·2	77·7	78·0	77·2	77·2	78·6	80·0	79·2	79·4	80·7	81·0	80·4	79·7	79·6	78·9	79·3
	5	79·3	78·6	78·2	78·2	77·6	77·4	77·2	77·2	77·2	77·2	76·4	77·0	77·2	76·8	78·0	78·2	78·7	78·2	77·6	80·0	80·7	80·4	80·6	80·3	78·3
	6	79·7	79·1	78·4	78·2	78·2	78·7	77·7	77·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	7	—	—	—	—	—	—	—	—	77·2	76·4	75·9	76·2	76·7	76·2	76·7	77·3	80·0	80·1	80·0	81·4	80·2	80·2	79·3	77·6	78·3
	8	78·2	79·4	79·1	78·4	77·9	77·4	77·2	76·4	77·2	77·2	76·2	75·7	75·2	74·6	74·2	75·4	78·0	78·2	78·4	78·5	77·2	78·2	77·8	77·8	77·2
	9	78·6	77·3	77·2	76·4	76·4	76·2	76·4	76·2	75·6	75·2	75·2	74·4	73·7	73·7	74·9	76·2	77·0	77·4	78·2	78·9	78·2	78·2	78·3	77·9	76·6
	10	77·1	76·0	76·0	76·5	76·4	77·2	76·7	76·5	76·4	76·4	76·8	76·6	74·9	75·2	76·8	78·2	79·0	79·2	79·7	80·2	79·7	80·2	79·3	78·9	77·5
	11	78·5	78·0	78·0	78·0	77·9	76·4	76·4	75·7	75·8	75·0	75·2	75·0	74·7	74·2	74·9	75·9	77·2	76·2	78·0	77·2	78·2	78·0	76·9	76·9	76·6
	12	76·9	76·0	76·6	77·0	77·4	77·2	77·5	77·2	76·2	77·2	78·0	77·2	77·2	77·0	76·7	78·2	77·6	77·7	79·2	77·2	78·2	78·0	78·3	78·3	77·4
	13	78·0	77·4	78·2	78·2	78·5	78·2	78·0	77·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	14	—	—	—	—	—	—	—	—	76·2	76·0	76·2	76·0	76·2	76·2	77·4	78·2	79·0	80·0	79·2	79·5	77·5	79·0	81·3	79·2	78·0
	15	79·2	79·3	77·6	77·8	77·9	77·4	78·0	77·2	76·7	77·0	76·5	77·0	77·4	77·0	77·6	78·2	78·0	78·7	79·2	79·4	79·5	80·3	78·4	79·4	78·1
	16	79·4	78·9	78·8	78·6	78·9	79·2	78·7	78·2	76·7	76·2	76·2	77·2	77·2	77·0	77·2	78·2	79·0	79·4	79·6	79·9	78·2	79·0	79·1	79·4	78·3
	17	77·1	76·8	76·0	75·9	75·9	76·2	76·2	76·0	76·0	76·0	75·4	75·8	76·0	76·2	76·0	76·2	77·4	78·8	79·9	80·4	80·5	81·4	81·2	80·0	77·4
	18	78·6	78·5	78·6	78·3	78·4	78·4	78·7	78·0	76·2	76·9	76·9	75·7	75·7	75·4	75·1	73·4	73·7	74·7	74·2	75·7	77·2	78·4	77·4	77·3	76·7
	19	76·9	77·0	76·5	76·3	76·1	76·2	75·8	75·2	75·3	75·2	75·2	75·4	75·7	75·2	75·6	75·6	75·2	75·5	75·4	74·4	75·2	75·2	76·1	76·0	75·7
	20	76·2	75·9	76·0	75·6	74·9	75·2	75·4	74·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	21	—	—	—	—	—	—	—	—	73·1	73·4	73·6	73·2	73·4	73·8	73 7	74·2	75·0	75·4	74·0	74·0	73·4	72·3	72·3	72·5	74·2
	22	71·9	72·1	71·2	71·6	71·5	71·3	71·0	71·3	71·8	71·7	72·0	72·9	72·5	72·1	72·0	72·9	74·4	75·5	76·4	77·4	78·2	79·2	78·6	78·8	73·7
	23	77·7	77·2	77·2	77·2	76·4	77·2	76·5	76·4	76·2	76·4	76·2	75·4	75·4	75·4	76·2	76·2	77·7	78·2	79·0	79·2	79·0	79·4	79·2	78·2	77·2
	24	77·6	77·4	77·4	78·0	77·4	77·4	77·2	76·7	76·6	76·2	76·2	76·2	76·0	75·7	75·9	76·4	77·7	78·7	78·8	79·0	78·9	78·1	78·6	77·9	77·3
	25	78·0	77·6	77·4	77·4	77·4	78·0	77·6	77·0	76·6	76·4	76·2	76·2	76·2	76·8	77·2	77·9	78·4	78·2	79·5	79·2	78·6	77·8	77·6	76·9	77·5
	26	77·3	77·2	77·2	77·2	77·2	77·2	76·7	76·2	76·4	76·7	76·4	76·0	75·9	75·4	75·8	77·4	77·7	78·2	77·6	77·9	77·6	77·7	78·6	78·8	77·1
	27	77·6	77·6	77·4	76·7	76·6	76·2	76·0	76·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	28	—	—	—	—	—	—	—	—	74·2	73·2	72·5	70·8	71·3	71·9	72·6	76·2	77·2	77·6	77·4	77·8	77·4	78·2	79·0	79·0	75·9
	29	79·6	76·8	76·8	76·6	76·4	76·2	76·2	76·0	75·4	75·4	76·2	76·2	76·0	75·7	76·4	77·7	77·2	78·0	78·9	79·4	80·6	79·8	79·5	79·0	77·3
	30	78·6	78·5	78·2	78·0	77·8	77·2	76·5	76·2	75·4	75·2	74·5	74·7	75·0	75·2	75·4	76·9	77·8	77·7	77·1	76·2	74·8	75·6	76·0	73 5	76·3
	31	71·3	72·0	71·9	71·9	71·9	72·3	72·3	72·3	71·3	71·3	70·8	70·3	70·3	70·0	70·1	71·0	71·5	71·3	73·2	73·2	72·3	72·5	72·4	68·5	71·5
	Means	78·1	77·7	77·4	77·4	77·2	77·1	76·9	76·6	76·1	76·0	75·9	75·7	75·6	75·3	75·8	76·7	77·5	77·9	78·3	78·5	78·4	78·7	78·6	78·0	77·1

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

WET THERMOMETER, STANDARD No. 8

(Corrected to the Kew Observatory Standard Thermometer)

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m 2.41	h. m. 3.41	
	o	o	o	o	o	o	o	o	o	* o	o	* o	o	o	o	o	o	o	o	o	o	o	o	o	o
1	67 8	67·1	67·1	67·0	66·9	67·3	67·1	66·9	66·9	66·4	66·9	66·4	64·9	65·6	67·2	69·0	67·5	69·3	70·0	69·5	67 3	69·1	66·6	69·5	67·5
2	69·3	69·3	69·3	69·2	69·2	69·3	70·3	70·3	69·9	70·2	70·5	70·0	69·5	69·5	70·3	72·0	72·5	73·2	75·2	73·2	72·5	72·5	72·0	71·8	70·9
3	70·7	70·3	70·1	70·1	70·1	70·3	70·3	70·1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	70·1	69·1	68·5	67·8	67·0	67·3	66·6	66·4	70·1	71·3	74·2	73·9	73·2	73·5	72·0	71·2	70·2
5	70·6	70·1	70·7	72·2	72·1	72·3	71·1	71·3	71·3	71·3	70·9	70·3	69·3	69·0	69·1	69·5	71·3	72·2	73·2	72·5	72·0	71·3	69·2	67·9	70·9
6	68·3	67·5	67·3	70·1	70·5	69·8	69·3	70·1	68·8	68·5	68·3	68·3	68·3	68·9	67·7	68·3	69·8	67·0	67·2	67·8	66·0	66·9	67·0	67·5	68 3
7	68·2	68·1	69·1	69·5	69·5	67·9	68·1	68·7	68·3	68·3	67·3	67·0	66·4	65·6	65·6	65·9	69·0	68·5	67·3	66·8	68·3	65·7	66·4	65·6	67·5
8	66·1	66·7	68·5	68·5	68·5	68·8	69·1	68·8	68·3	68·3	67·3	67·5	65·6	65·9	66·6	67·9	70·3	70·3	70·9	69·3	69·6	69·8	69·9	68·2	68·4
9	68·5	69·1	68·5	68·1	68·5	68·9	68·9	69·1	69·3	68·3	67·3	67·3	66 6	64·8	65·4	66·6	68·3	68·7	70 1	69·3	69·3	70·0	71·7	73·0	68·6
10	74·0	73·2	73·1	73·2	73·1	72·3	71·3	71·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	70·8	70·3	70·3	70·5	70·5	70·5	70·3	72·3	73·2	75·1	72·3	71·3	71·8	72·3	72 3	71·5	71·9
12	71·2	71·3	72·2	72·0	71·9	70·8	70·3	70·6	71·3	70·8	70·3	69·5	69·3	69·1	69·3	70·9	73·2	74·4	74·4	74·4	73·6	75·0	74·9	74·2	71·9
13	74·4	74·5	74·5	74·7	74·9	75·2	74·7	74·4	75·4	74·7	74·2	74·7	74·2	73·2	73·2	74·4	75·6	75·3	75·7	75·7	74·6	75·4	74·5	74·1	74·7
14	73·1	72·8	72·3	72·3	72·3	73·2	73·1	72·9	73·2	72·5	72·3	72·3	72·1	71·3	71·3	72·1	73·1	71·5	67·1	67·5	67·8	66·4	65 6	67·5	71·1
15	68·0	68·3	68·6	68·9	68·7	68·3	68·5	67·2	66·4	64·9	64·4	64·4	64·0	63·4	63·0	64·2	66·4	68·1	66·4	65·7	64·6	65·0	65·6	66·6	66·2
16	69·2	68·9	66·8	66 2	66·1	65·2	64·3	63·2	63·0	62·7	62·5	62·5	62·5	61·5	62·5	62·5	64·0	65·6	69·3	65·4	65·4	68·0	67·1	67·2	65·1
17	68·7	69·2	69·3	69·2	67·9	67·3	65·6	64·9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	69·3	68·3	68·1	67·3	67·3	67·3	68·1	69·0	70·1	70·9	72·0	72·8	71·3	74·0	75·1	74·4	69·5
19	73·7	73·8	74·0	73·1	72·1	70·5	70·8	72·0	71·5	71·3	71·1	71·3	70·7	69·8	70·3	72·3	74·4	74·2	73·4	74·2	76·0	75·6	74·0	73·9	72·7
20	74·2	74·3	73·2	74·2	74·2	74·2	74·2	73·8	72·2	71·5	71·3	71·3	71·1	71·3	72·1	73·2	74·9	74 2	75·9	75·4	76·8	76·0	74·6	73·2	73·6
21	74·5	73·8	73·2	73·3	73·4	73·7	73·9	74·2	72·8	73·4	72·6	72·8	73·2	72·3	72·3	74·2	75·4	76·4	76·2	77·8	75·8	75·4	75·5	75·4	74·2
22	74·9	75·2	75·5	75·4	73·9	74·2	73·4	73·9	74·7	73·2	72·8	73·1	73·2	73·6	74·7	75·9	76·4	76·3	76·2	76·7	75·4	77·0	74·9	75·0	74·8
23	75·3	75·1	74·4	74·2	74·1	73·2	73 7	73·2	73·0	72·5	72·3	72·3	72·5	72·3	72·8	74·9	75·1	74·2	73·9	74·8	75·9	75·7	75·1	75·2	74·0
24	75·0	75·0	75 0	74·5	75·0	74·4	74·2	74·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	71·5	71·3	70·9	70·5	70·3	70·3	70·9	72·3	73·0	72·8	72·3	71·7	72·1	71·8	71·5	71·4	72 6
26	70·6	70·7	70·1	69·9	69·7	69·3	69·3	70·3	70·8	70·3	70·3	69·5	70·3	69·7	69·9	70·3	71·3	71·5	71·3	71·5	71·8	72·1	72·3	71·5	70·6
27	72·4	71·4	71·3	71·1	71·9	71·1	70·3	70·7	71·5	70·9	70·5	70·3	70·8	71·3	71·8	71·3	71·8	72·6	73·6	72·5	72·3	73·0	72·5	72·1	71·6
28	71·7	70·9	70·7	70·7	70·5	71·3	71·3	70·9	70·5	70·1	69·5	70·3	70·1	70·1	70·3	71·5	71·3	72·1	73·1	73·2	73·1	73·2	73·3	73·3	71·4
29	72·7	72·4	72·3	72·3	72·2	72·3	72·3	72·3	72·5	72·3	72·0	72·8	73·1	73·2	72·4	71·3	73·0	74·4	74·2	75·0	75·7	75·7	76·2	75·0	73·2
30	74·4	73·9	73·9	73·6	74·0	71·3	72·3	72·9	73·0	72·8	73·9	73·2	73·2	73·2	73·4	74·2	74·2	74·7	74·4	74·2	73·9	75·4	75·3	74·1	73·7
Means	71·4	71·3	71·2	71·3	71·2	70·9	70·7	70·7	70·6	70·2	69·9	69·7	69·5	69·2	69·5	70·5	71·7	72·1	72·3	72·0	71·8	72·1	71·7	71·6	71·0
										*		*													
1	73·2	72·2	71·7	70·9	70·7	70·3	71·3	71·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	69·1	68 3	68·5	68·3	67·3	67·1	67·3	68·5	69·9	72·4	71·6	72·1	72·3	72·3	70·7	70·6	70·3
3	71·1	69·9	70·5	70·1	69·3	69·3	69·5	70·1	71·3	71·3	70·3	69·8	69·5	69·3	68·8	70·5	71·3	70·3	71·3	71·3	70·7	70·8	71·1	71·2	70·4
4	71·7	71·7	70·5	70·6	71·5	71·1	70·3	70·3	69·9	70·1	70·1	69·3	69·4	68·5	68·3	69·3	70·3	70·3	71·3	70·9	70·1	70·1	69·9	69·2	70·2
5	68·9	69·2	70·4	69·5	69·4	70·3	70·3	70·3	69·5	69·0	68·3	68·5	68·0	67·3	67·3	68·2	70·3	72·0	72·5	72·4	71·1	71·1	71·4	72·6	69·9
6	72·3	72·4	72·4	73·5	75·5	73·6	73·2	73·2	72·9	72·7	72·5	73·6	73·6	73·1	72·8	73·2	74·2	74·7	76·2	76·0	74·9	74·8	74·8	74·1	73·8
7	73·5	73·3	73·1	74·2	73·4	72·8	72·3	72·3	74·0	74·4	74·6	74·4	73·9	73·2	73·2	73·9	74·2	74·7	74·9	74·7	74·6	73·9	73·5	73·2	73·8
8	72·5	73·0	74·3	73·3	73·2	73·2	73·4	73·1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	72·8	72·3	72·3	72·0	71·3	71·3	71·3	72·1	72·3	73·0	72·8	72·3	72·3	72·9	73·2	72·5	72·6
10	72·4	72·0	71·7	71·5	71·7	71·1	70·8	70·3	69·7	69·3	69·5	68·3	68·7	68·3	68·3	69·5	69·4	69·3	70·0	71·1	71·5	69·9	69·5	68·5	70·1
11	69·0	69·0	69·0	68·7	68·8	69·3	69·3	69·3	69·0	68·3	68·3	68·1	67·3	67·3	68·1	69·0	70·8	71·1	70·8	71·8	70·3	69·0	69·4	69·5	69·2
12	69·4	68·9	68·4	68·5	68·4	68 3	68·3	68·3	68·5	68·6	68·5	68·8	68·3	68·3	68·3	69·3	70 5	69·9	71·1	70·5	70·1	69·7	69·9	69·6	69·1
13	69·7	69·2	68·7	69·2	69·5	70·1	69·8	69·8	69·5	69·3	68·5	68·1	67·8	68·1	67·3	68·3	70·3	71·0	69·8	70·5	71·3	71·1	72·0	72·4	69·6
14	71·0	70·6	70·4	70·3	70·3	71·0	70·3	71·0	70·3	70·3	69·3	69·1	68·3	68·3	68·5	69·1	71·3	72·3	72·3	71·3	71·3	71·3	73·2	72·1	70·5
15	71·3	70·9	70·6	70·2	69·9	70·3	69·7	69·1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	67·3	68·8	68·3	68·8	69·1	68·3	68·9	69·1	69·3	69·0	69·7	70·3	69·6	69·4	69·9	70·2	69·5
17	69·4	68·0	68·1	66 9	67·3	67·8	68·3	68·3	69·1	68·7	68·5	69·3	69·1	68·5	68·3	69·3	71·1	70·3	71·3	70·7	72·3	69·3	69·7	70·2	69·2
18	69·9	69·8	69·8	70·2	69·6	69·8	70·3	70·3	70·3	69·9	69·5	69·3	69·1	69·3	70·2	70·8	72·5	71·1	71·3	72·1	71·3	71·5	71·2	71·0	70·4
19	70·7	70·7	70·9	69·3	69·1	69·7	70·1	70·1	70·3	70·3	70·3	69·8	69·3	69·5	70·1	70·3	72·3	73·3	71·3	72·1	71·3	71·0	71·7	71·8	70·6
20	71·4	72·2	70·5	70·6	71·1	71·3	70·7	70·3	70·3	70·3	70·1	69·2	68·5	68·3	69·3	70·2	71·0	72·3	71·1	71·9	70·6	72·0	71·3	71·5	70·7
21	72·2	71·4	70·8	70·3	70·3	70·3	70·3	70·1	69·5	69·1	70·1	68·5	67·8	68·3	68·8	70·1	71·3	71·3	73·2	71·9	70·3	69·5	70·0	70·6	70·2
22	70·0	69·3	68·6	68·3	68·8	68·8	68·5	68·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	70·3	69·3	68·3	67·8	67·6	67·3	68·1	68·6	70·4	71·9	72·5	72·3	72·2	72·3	71·8	71·8	67·7
24	70·6	70·3	70·4	70·1	69·9	69·3	69·3	69·3	69·1	68·8	68·5	68·5	68·1	67·9	67·8	69·2	71·1	72·3	74·2	73·1	73·2	72·7	72·5	72·0	70·3
25	71·5	71·3	71·4	71·5	71·6	71·3	71·0	70·9	71·0	71·1	71·2	71·7	71·1	71·3	71·5	72·2	72·7	72·4	72·3	72·6	72·3	72·3	72·1	71·8	71·7
26	71·3	71·3	69·2	68·3	68·1	67·6	67·3	66 9	66·6	66·4	66·4	66·2	66·4	66·6	66·2	68·2	68·6	68·5	69·3	69·3	71·1	71·3	71·3	70·1	68·4
27	69·3	68·3	68·5	67·6	68·1	67·5	68·1	68·3	68·3	66·4	66·4	66·2	65·9	65·6	65·9	68·1	70·1	72·2	71·1	69·9	70·5	69·9	70·5	70·9	68·5
28	70·1	69·3	69·4	68·1	71·1	69·0	69·3	69·3	68·3	68·5	68·3	68·5	68·3	67·9	68·3	69·3	71·3	71·3	70·8	70·5	70·8	71·5	71·8	72·3	69·7
29	71·1	70·1	69·9	69·7	69·3	69·8	69·3	69·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	70·8	70·5	70·3	69·3	69·8	69·8	70·3	70·3	71·1	71·3	71·1	70·8	70·8	70·3	70·8	70·0	70·2
31	70·3	69·5	69·1	69·3	69·0	68·5	69·0	68·8	68·5	68·3	67·3	67·5	67·3	66·9	66·9	68·2	69·5	69·3	69·3	69·4	70·7	69·6	70·3	69·3	68·8
Means	70·9	70·5	70·3	70·0	70·2	70·1	70·0	69·9	69·9	69·6	69·4	69·2	68·9	68·7	68·8	69·8	71·0	71·4	71·7	71·6	71·4	71·1	71·3	71·1	70·3

NOVEMBER 1860

DECEMBER 1860

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR

HUMIDITY OF THE AIR—JANUARY 1860

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
Dec. 31	0·61	0·63	0·68	0·70	0·71	0·77	0·80	0·84	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1	—	—	—	—	—	—	—	—	0·86	0 86	0·89	0 88	0·90	0·94	0·91	0·86	0·81	0·74	0 69	0·65	0·62	0·60	0·63	0·62	0·758
2	·65	·71	·80	·85	·88	·86	·89	·91	·92	·91	·95	·95	·95	·94	·92	·92	·87	·79	·74	·67	·64	·61	·66	·68	·820
3	·76	·80	·84	·88	·90	·91	·93	·91	·93	·91	·90	·93	·94	·95	·93	·87	·80	·78	·76	·66	·60	·67	·62	·65	·826
4	·65	·68	·69	·69	·69	·70	·69	·78	·71	·74	·82	·91	·92	·89	·88	·85	·78	·69	·66	·61	·55	·51	·52	·56	·715
5	·56	·59	·66	·74	·75	·77	·79	·84	·85	·89	·91	·89	·90	·88	·90	·85	·74	·68	·67	·59	·57	·55	·56	·56	·737
6	·61	·68	·74	·77	·86	·86	·90	·92	·89	·91	·93	·94	·94	·96	·92	·85	·74	·72	·66	·66	·65	·65	·66	·66	·795
7	·71	·74	·78	·84	·85	·88	·86	·89	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	·85	·85	·90	·91	·92	·93	·90	·84	·82	·77	·67	·66	·64	·68	·67	·69	·802
9	·71	·74	·75	·76	·78	·79	·79	·82	·90	·90	·91	·91	·93	·95	·93	·87	·76	·68	·65	·65	·63	·65	·66	·64	·782
10	·68	·71	·72	·71	·74	·75	·78	·79	·78	·73	·86	·89	·91	·92	·92	·89	·79	·67	·68	·66	·62	·66	·65	·65	·757
11	·65	·68	·70	·71	·70	·72	·71	·72	·73	·74	·75	·86	·89	·90	·92	·84	·79	·71	·66	·64	·65	·68	·57	·59	·730
12	·63	·66	·66	·69	·69	·68	·69	·70	·70	·71	·79	·83	·84	·84	·83	·78	·63	·57	·55	·56	·60	·58	·58	·58	·682
13	·58	·59	·63	·63	·64	·64	·64	·61	·63	·68	·66	·65	·64	·66	·63	·67	·56	·58	·54	·55	·55	·52	·53	·60	·609
14	·59	·57	·59	·65	·66	·64	·62	·65	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	·82	·86	·84	·86	·82	·78	·77	·78	·67	·66	·62	·58	·58	·60	·60	·59	·683
16	·63	·69	·71	·72	·72	·72	·76	·78	·83	·88	·90	·91	·93	·92	·90	·89	·82	·69	·66	·66	·65	·65	·66	·66	·764
17	·63	·65	·67	·67	·67	·70	·71	·76	·79	·82	·85	·85	·86	·88	·89	·86	·73	·64	·62	·54	·56	·55	·60	·59	·712
18	·61	·61	·65	·64	·65	·65	·67	·69	·78	·87	·86	·85	·90	·90	·91	·77	·77	·74	·67	·58	·47	·47	·50	·52	·697
19	·56	·60	·61	·64	·67	·69	·70	·70	·74	·85	·85	·89	·89	·88	·86	·82	·74	·75	·66	·54	·56	·56	·55	·58	·704
20	·59	·62	·63	·64	·64	·65	·71	·77	·78	·80	·83	·84	·85	·85	·83	·79	·70	·66	·59	·60	·59	·59	·62	·64	·700
21	·68	·71	·73	·77	·83	·74	·70	·81	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	·91	·89	·88	·90	·95	·93	·91	·85	·78	·70	·68	·69	·68	·63	·73	·69	·782
23	·68	·67	·71	·71	·73	·74	·77	·79	·74	·74	·76	·77	·79	·82	·86	·82	·75	·64	·57	·60	·58	·62	·59	·63	·712
24	·64	·66	·70	·70	·70	·70	·72	·74	·85	·90	·92	·92	·90	·91	·90	·87	·80	·68	·63	·65	·63	·59	·61	·54	·744
25	·62	·66	·72	·76	·72	·84	·86	·90	·86	·87	·89	·96	·94	·95	·92	·89	·82	·73	·69	·67	·65	·64	·65	·66	·786
26	·69	·75	·75	·74	·72	·79	·72	·70	·74	·72	·74	·82	·85	·86	·90	·86	·71	·59	·56	·57	·58	·57	·57	·56	·711
27	·59	·65	·60	·61	·63	·65	·64	·65	·71	·81	·82	·86	·86	·89	·90	·85	·80	·64	·61	·61	·62	·63	·63	·63	·704
28	·66	·72	·75	·75	·79	·78	·79	·82	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	·90	·91	·85	·85	·87	·89	·91	·87	·80	·71	·66	·69	·67	·67	·70	·68	·779
30	·72	·77	·80	·81	·83	·83	·85	·86	·94	·95	·94	·95	·95	92	·91	·87	·78	·75	·74	·69	·69	·69	·71	·70	·819
31	·71	·77	·81	·83	·83	·83	·84	·87	·89	·89	·91	·95	·95	·95	·93	·89	·83	·73	·71	·70	·70	·70	·70	·73	·819
Means	0·644	·678	·707	·726	·740	·751	·760	·786	·816	·837	·856	·879	·889	·892	·885	·843	·763	·692	·652	·627	·612	·612	·620	·625	0·746

TENSION OF VAPOUR—JANUARY 1860

	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
Dec. 31	0·555	0·548	0·563	0·560	0·559	0·588	0·597	0·604	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1	—	—	—	—	—	—	—	—	0·572	0·571	0·590	0·591	0·589	0·588	0·569	0·592	0·621	0·645	0·632	0·628	0·605	0·601	0·626	0·607	0·592
2	·607	·633	·659	·669	·658	·637	·658	·637	·629	·616	·614	·618	·618	·608	·592	·608	·638	·652	·665	·662	·648	·627	·668	·674	·637
3	·708	·698	·707	·693	·686	·672	·661	·649	·650	·637	·624	·631	·629	·635	·632	·684	·699	·720	·713	·666	·615	·645	·609	·634	·662
4	·609	·609	·605	·596	·592	·590	·579	·608	·574	·579	·601	·606	·615	·589	·597	·609	·636	·629	·614	·597	·534	·506	·512	·538	·588
5	·514	·516	·539	·580	·574	·569	·574	·579	·552	·557	·565	·561	·560	·555	·547	·553	·565	·581	·597	·571	·557	·537	·551	·542	·558
6	·563	·586	·609	·619	646	·633	·642	·643	·622	·627	·636	·633	·624	·633	·618	·606	·593	·619	·618	·619	·617	·616	·619	·619	·619
7	·645	·642	·651	·656	·648	·654	·633	·640	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	·678	·674	·708	·732	·729	·709	·663	·677	·724	·716	·678	·693	·672	·691	·675	·674	·678
9	·686	·680	·688	·691	·692	·678	·678	·681	·687	·669	·654	·649	·661	·673	·652	·667	·673	·657	·649	·661	·653	·681	·659	·636	·669
10	·654	·655	·662	·656	·665	·663	·676	·678	·658	·613	·659	·662	·665	·682	·667	·700	·697	·642	·687	·680	·641	·642	·652	·620	·661
11	·616	·622	·630	·632	·623	·624	·613	·622	·617	·622	·628	·657	·640	·628	·644	·666	·678	·678	·659	·640	·658	·649	·567	·571	·633
12	·589	·605	·590	·593	·596	·580	·584	·588	·573	·560	·596	·604	·597	·601	·582	·607	·562	·533	·530	·546	·568	·556	·563	·542	·577
13	·534	·525	·526	·521	·524	·526	·530	·518	·525	·560	·549	·531	·519	·518	·512	·544	·506	·547	·531	·521	·536	·488	·522	·561	·528
14	·543	·489	·499	·535	·538	526	·522	·537	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	·570	·585	·591	·611	·597	·567	·565	·573	·554	·577	·566	·567	·592	·573	·595	·581	·561
16	·583	·603	·602	·619	·625	·617	·651	·653	·661	·669	·669	·654	·666	·659	·628	·650	·682	·654	·649	·648	·634	·637	·657	·642	·642
17	·603	·593	·599	·601	·590	·607	·610	·622	·630	·624	·621	·621	·622	·637	·617	·653	·645	·609	·600	·544	·585	·554	·594	·566	·606
18	·569	·546	·560	·549	·556	·554	·558	·565	·618	·619	·596	·569	·582	·591	·586	·574	·651	·689	·640	·578	·480	·480	·501	·507	·572
19	·525	·535	·526	·538	·558	·565	·568	·551	·568	·569	·570	·580	·580	·567	·541	·571	·595	·648	·613	·525	·544	·536	·527	·540	·560
20	·540	·538	·534	·538	·526	·533	·556	·579	·590	·595	·615	·616	·610	·620	·604	·604	·565	·586	·571	·604	·582	·599	·599	·611	·580
21	·631	·635	·634	·656	·692	·619	·586	·618	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	·669	·685	·675	·669	·675	·660	·634	·651	·660	·629	·647	·653	·644	·660	·710	·656	·652
23	·637	·606	·609	·609	·615	·619	·628	·635	·621	·610	·607	·620	·623	·630	·631	·666	·647	·591	·559	·613	·604	·627	·607	·612	·618
24	·606	·580	·597	·590	·591	·586	·592	·598	·629	·629	·615	·615	·599	·589	·582	·598	·639	·589	·587	·628	·616	·596	·605	·536	·600
25	·572	·571	·582	·595	·564	·592	·585	·593	·561	·560	·561	·574	·555	·558	·536	·597	·637	·634	·643	·661	·632	·636	·641	·643	·595
26	·651	·664	·644	·637	·617	·633	·599	·588	·598	·573	·576	·601	·588	·575	·585	·631	·613	·549	·546	·583	·591	·579	·564	·551	·597
27	·567	·576	·532	·538	·550	·560	·553	·554	·582	·602	·584	·604	·596	·601	·623	·651	·693	·606	·614	·632	·656	·655	·637	·635	·600
28	644	·669	·671	·667	·679	·676	·678	·685	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	·664	·666	·685	·694	·718	·721	·667	·701	·709	·693	·690	·706	·714	·689	·733	·715	·689
30	·727	·727	·735	·734	·744	·738	·743	·747	·750	·733	·719	·732	·746	·744	·717	·725	·725	·730	·740	·755	·749	·736	·729	·734	·736
31	·702	·737	·754	·761	·757	·755	·754	·771	·766	·747	·735	·760	·741	·721	·711	·729	·742	·714	·725	·740	·751	·751	·734	·757	·742
Means	0·607	·607	·611	·616	·617	·615	·615	·620	·623	·620	·624	·629	·628	·624	·611	·633	·643	·634	·628	·627	·618	·613	·617	·611	0·620

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

LIBRARY OF THE UNIVERSITY OF CALIFORNIA

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR

HUMIDITY OF THE AIR—FEBRUARY 1860

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·76	0·79	0·81	0·83	0·84	0·86	0·87	0·93	0·92	*0·92	0·92	*0·94	0·93	0·95	0·94	·89	0·81	0·78	0·72	0·73	0·70	0·67	0·68	0·71	0·829
2	·74	·78	·84	·85	·87	·88	·91	·93	·94	·88	·77	·93	·95	·92	·94	·91	·83	·73	·66	·67	·63	·63	·61	·68	·812
3	·67	·76	·79	·80	·81	·87	·89	·91	·92	·93	·93	·93	·90	·91	·94	·89	·85	·72	·69	·65	·64	·65	·66	·65	·807
4	·68	·72	·79	·80	·87	·86	·91	·93	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	·90	·93	·94	·93	·90	·94	·90	·86	·81	·68	·64	·62	·64	·63	·64	·65	·799
6	·69	·73	·73	·79	·85	·85	·92	·92	·91	·95	·92	·93	·95	·95	·93	·86	·76	·75	·70	·61	·63	·62	·67	·70	·805
7	·72	·78	·76	·77	·81	·86	·88	·88	·91	·93	·92	·90	·93	·93	·95	·91	·81	·74	·67	·66	·64	·56	·66	·67	·802
8	·70	·77	·78	·81	·84	·91	·92	·93	·92	·94	·95	·92	·91	·93	·95	·89	·81	·77	·72	·61	·58	·59	·62	·67	·810
9	·74	·79	·79	·88	·89	·93	·92	·93	·90	·91	·91	·93	·93	·93	·94	·88	·83	·79	·70	·69	·66	·64	·67	·65	·826
10	·69	·74	·78	·76	·85	·93	·92	·93	·91	·93	·92	·93	·95	·93	·92	·89	·84	·77	·66	·64	·65	·60	·59	·61	·806
11	·65	·73	·76	·80	·85	·89	·91	·93	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	·93	·94	·93	·93	·92	·97	·95	·93	·85	·77	·71	·65	·67	·66	·67	·68	·820
13	·73	·73	·79	·81	·83	·86	·91	·93	·90	·93	·93	·93	·94	·94	·92	·85	·79	·75	·70	·67	·62	·62	·63	·67	·807
14	·70	·71	·77	·79	·79	·79	·83	·85	·86	·90	·86	·93	·91	·91	·93	·87	·80	·70	·63	·62	·60	·59	·61	·60	·773
15	·63	·66	·67	·69	·70	·69	·71	·73	·78	·82	·84	·84	·85	·86	·89	·78	·66	·64	·61	·61	·65	·64	·64	·65	·718
16	·67	·70	·71	·75	·75	·75	·78	·78	·78	·83	·84	·88	·88	·88	·89	·85	·78	·77	·72	·71	·68	·69	·71	·72	·771
17	·77	·81	·81	·81	·81	·82	·83	·83	·83	·83	·86	·94	·94	·93	·93	·88	·83	·73	·67	·61	·58	·64	·66	·67	·792
18	·71	·76	·78	·79	·81	·81	·82	·84	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	·80	·84	·87	·89	·91	·93	·92	·89	·78	·72	·64	·61	·63	·67	·69	·69	·783
20	·71	·80	·78	·87	·79	·80	·82	·80	·80	·84	·87	·87	·89	·90	·91	·84	·75	·69	·68	·66	·67	·67	·67	·70	·782
21	·69	·73	·77	·76	·77	·79	·80	·82	·81	·83	·85	·87	·92	·89	·90	·87	·77	·72	·66	·65	·62	·63	·68	·68	·770
22	·70	·72	·77	·78	·80	·83	·82	·84	·89	·90	·91	·91	·89	·89	·95	·89	·78	·70	·67	·65	·63	·61	·63	·64	·783
23	·69	·73	·75	·76	·77	·78	·79	·80	·82	·82	·81	·87	·89	·90	·91	·87	·75	·68	·63	·65	·59	·60	·62	·64	·755
24	·67	·74	·77	·79	·81	·83	·83	·83	·85	·85	·92	·91	·93	·93	·93	·80	·81	·71	·68	·67	·65	·68	·66	·68	·789
25	·69	·81	·76	·80	·81	·82	·84	·86	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	·87	·91	·92	·93	·92	·95	·91	·85	·78	·67	·58	·53	·61	·63	·67	·69	·784
27	·70	·73	·74	·77	·77	·80	·81	·83	·85	·86	·91	·91	·93	·94	·94	·83	·78	·70	·65	·64	·59	·58	·59	·65	·771
28	·67	·73	·74	·76	·79	·85	·90	·91	·89	·95	·91	·93	·95	·95	·93	·85	·77	·66	·55	·47	·46	·43	·49	·53	·753
29	·57	·64	·72	·76	·79	·87	·89	·93	·87	·89	·91	·94	·94	·94	·92	·88	·76	·66	·52	·41	·48	·38	·41	·47	·731
Means	0·694	·744	·766	·791	·811	·837	·857	·872	·870	·890	·893	·913	·918	·924	·926	·868	·792	·720	·658	·628	·620	·612	·633	·654	0·787

TENSION OF VAPOUR—FEBRUARY 1860

	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·772	0·761	0·745	0·747	0·748	0·752	0·749	0·766	0·742	*0·726	0·713	*0·719	0·695	0·680	0·651	0·701	0·699	0·716	0·727	0·776	0·762	0·730	0·740	0·751	0·732
2	·760	·768	·780	·777	·772	·765	·767	·752	·739	·702	·667	·692	·694	·651	·652	·688	·739	·699	·664	·697	·671	·679	·664	·721	·715
3	·708	·735	·733	·729	·719	·749	·729	·735	·724	·711	·688	·707	·664	·675	·669	·704	·743	·710	·706	·687	·689	·686	·705	·677	·708
4	·691	·697	·713	·690	·699	·682	·698	·681	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	·679	·686	·674	·666	·641	·650	·624	·676	·695	·663	·659	·662	·687	·663	·678	·671	·676
6	·681	·675	·672	·687	·704	·689	·697	·674	·644	·651	·632	·631	·651	·653	·625	·655	·651	·698	·695	·649	·678	·672	·710	·711	·670
7	·721	·740	·713	·718	·716	·721	·703	·691	·689	·688	·677	·664	·685	·675	·693	·705	·719	·724	·710	·738	·720	·647	·722	·724	·704
8	·728	·740	·743	·746	·740	·749	·736	·723	·696	·696	·687	·667	·666	·674	·698	·705	·719	·761	·753	·725	·687	·680	·690	·719	·714
9	·756	·759	·741	·761	·759	·740	·714	·706	·659	·648	·644	·650	·646	·633	·633	·647	·695	·727	·699	·731	·727	·708	·719	·701	·700
10	·704	·717	·720	·709	·704	·704	·690	·698	·686	·670	·655	·647	·653	·636	·630	·654	·703	·705	·667	·679	·739	·692	·691	·682	·685
11	·690	·717	·723	·734	·743	·741	·739	·732	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	·715	·703	·693	·692	·696	·723	·700	·745	·747	·743	·745	·702	·736	·725	·733	·740	·723
13	·754	·733	·751	·740	·743	·742	·742	·730	·691	·684	·666	·666	·651	·662	·651	·675	·705	·746	·741	·724	·685	·691	·706	·719	·708
14	·716	·699	·716	·721	·710	·702	·717	·712	·682	·684	·655	·681	·665	·654	·668	·694	·717	·718	·665	·669	·652	·673	·671	·670	·688
15	·668	·648	·640	·653	·650	·627	·643	·656	·676	·670	·678	·670	·674	·676	·684	·671	·652	·655	·644	·664	·695	·718	·716	·688	·667
16	·699	·696	·682	·695	·688	·691	·704	·712	·711	·738	·740	·739	·732	·729	·741	·743	·747	·789	·778	·797	·784	·789	·806	·832	·740
17	·821	·817	·799	·800	·794	·807	·808	·792	·787	·774	·789	·791	·791	·777	·783	·780	·816	·771	·734	·736	·717	·754	·764	·745	·781
18	·761	·778	·770	·770	·776	·780	·784	·795	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	·668	·679	·699	·710	·717	·714	·719	·772	·772	·779	·716	·731	·763	·809	·805	·805	·753
20	·802	·848	·777	·795	·759	·752	·753	·734	·729	·740	·749	·706	·703	·691	·710	·720	·732	·749	·750	·753	·769	·758	·769	·780	·751
21	·763	·762	·766	·747	·750	·762	·764	·774	·762	·760	·751	·723	·742	·717	·731	·771	·764	·752	·713	·756	·728	·741	·763	·767	·751
22	·770	·755	·758	·761	·762	·773	·764	·758	·756	·733	·717	·715	·702	·704	·747	·769	·765	·751	·748	·757	·763	·743	·746	·753	·749
23	·769	·763	·745	·743	·743	·751	·753	·752	·757	·751	·747	·771	·749	·733	·735	·790	·763	·756	·723	·772	·720	·738	·758	·753	·751
24	·750	·761	·761	·768	·768	·772	·767	·762	·766	·756	·764	·736	·740	·732	·736	·704	·805	·785	·815	·786	·775	·777	·778	·791	·765
25	·767	·803	·765	·794	·790	·790	·801	·790	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	·827	·809	·808	·786	·775	·793	·759	·808	·822	·758	·727	·682	·821	·828	·850	·837	·791
27	·811	·800	·795	·801	·795	·802	·809	·814	·805	·796	·809	·781	·767	·768	·790	·788	·829	·811	·775	·775	·739	·738	·739	·777	·788
28	·771	·788	·780	·768	·774	·789	·793	·779	·744	·733	·710	·730	·717	·705	·715	·731	·741	·711	·654	·611	·602	·567	·622	·663	·717
29	·684	·714	·756	·766	·759	·755	·756	·740	·716	·719	·724	·745	·731	·723	·701	·756	·766	·748	·647	·561	·629	·508	·530	·587	·697
Means	0·741	·747	·742	·745	·743	·743	·743	·738	·722	·716	·709	·707	·702	·697	·698	·722	·740	·737	·714	·713	·717	·709	·723	·731	0·725

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR

HUMIDITY OF THE AIR—MARCH 1860

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·56	0·68	0·72	0·74	0·79	0·82	0·80	0·82	0·85	0·93*	0·92	0·91*	0·89	0·93	0·93	0·88	0·78	0·71	0·60	0·46	0·42	0·43	0·54	0·60	0·738
2	·62	·70	·74	·78	·78	·81	·84	·87	·86	·88	·93	·91	·93	·93	·91	·86	·79	·66	·61	·60	·65	·61	·63	·65	·773
3	·68	.74	·74	·79	·82	·86	·87	·88	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	·87	·89	·91	·89	.86	·88	·89	·84	·73	·66	·58	·57	·57	·55	·58	·61	·761
5	·65	·71	·73	·79	·81	·83	·88	·90	·91	·91	·91	·92	·92	·90	·91	·85	·76	·69	·67	·65	·62	·61	·62	·65	·783
6	·68	·76	·76	·76	·81	·82	·85	·89	·86	·87	·90	·90	·90	·92	·93	·86	·80	·68	·56	·50	·54	·62	·62	·65	·768
7	·69	·75	·81	·79	·79	·82	·81	·82	·86	·92	·91	·92	·91	·91	·93	·87	·76	·64	·59	·51	·48	·50	·50	·54	·751
8	·64	·73	·74	·74	·79	·80	·79	·79	·80	·87	·88	·90	·91	·92	·92	·85	·74	·67	·69	·67	·66	·67	·66	·68	·771
9	·72	·77	·80	·84	·84	·88	·89	·90	·87	·90	·94	·95	·93	·93	·93	·87	·75	·62	·63	·54	·54	·55	·59	·60	·782
10	·68	·77	·79	·83	·85	·88	·88	·88	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	·88	·90	·91	·92	·92	·93	·92	·82	·73	·66	·62	·60	·59	·59	·61	·64	·783
12	·66	·70	·74	·77	·80	·82	·85	·87	·88	·88	·91	·90	·91	·93	·91	·86	·74	·66	·61	·60	·61	·60	·61	·60	·767
13	·63	·66	·71	·74	·77	·83	·83	·86	·87	·88	·90	·91	·91	·90	·89	·81	·74	·66	·65	·63	·64	·62	·60	·63	·761
14	·67	·73	·76	·80	·81	·84	·86	·83	·87	·87	·87	·87	·89	·90	·90	·85	·74	·63	·61	·60	·60	·59	·60	·62	·763
15	·64	·66	·71	·73	·75	·76	·76	·80	·83	·85	·87	·89	·91	·92	·91	·82	·74	·67	·64	·62	·60	·61	·61	·62	·747
16	·65	·71	·77	·76	·78	·79	·82	·82	·82	·83	·83	·85	·87	·87	·89	·83	·72	·64	·66	·62	·65	·65	·64	·69	·757
17	·74	·78	·81	·82	·82	·84	·83	·86	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	·88	·92	·91	·95	·94	·93	·93	·88	·80	·71	·68	·67	·64	·68	·68	·71	·809
19	·77	·80	·82	·81	·81	·82	·84	·88	·90	·91	·90	·93	·93	·91	·93	·87	.74	·64	·62	·63	·62	·65	·65	·65	·793
20	·68	·73	·77	·82	·83	·85	·89	·90	·89	·91	·90	·95	·95	·94	·91	·83	·80	·67	·64	·63	·61	·60	·62	·58	·787
21	·67	·72	·77	·78	·79	·80	·83	·87	·88	·90	·90	·91	·91	·91	·90	·83	·76	·66	·63	·62	·62	·62	·62	·66	·773
22	·67	·73	·74	·76	·78	·80	·80	·80	·83	·86	·89	·91	·91	·92	·92	·84	·69	·63	·59	·58	·57	·58	·60	·59	·750
23	·63	·68	·75	·78	·80	·84	·87	·87	·86	·87	·88	·90	·92	·91	·91	.85	·72	·65	·64	·59	·60	·61	·64	·67	·768
24	·70	·74	·77	·79	·80	·82	·88	·86	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	--	—	—	—	—	—	—	·87	·95	·91	·90	·93	·92	·93	·84	·70	·53	·47	·51	·54	·46	·50	·56	·745
26	·63	·73	·75	·78	·80	·83	·85	·85	·89	·90	·91	·91	·92	·92	·93	·88	·77	·66	·53	·61	·59	·54	·56	·56	·762
27	·62	·71	·74	·79	·79	·84	·86	·86	·84	·91	·93	·89	·89	·91	·91	·83	·77	·65	·54	·63	·64	·65	·65	·68	·772
28	·73	·79	·83	·84	·85	·83	·85	·86	·87	·86	·87	·92	·93	·91	·86	·80	·71	·62	·47	.59	·65	·66	·67	·66	·776
29	·70	·79	·79	·80	·84	·87	·88	·90	·87	·89	·92	·91	·93	·91	·92	·83	·72	·64	·61	·63	·63	·66	·62	·65	·788
30	·76	·77	·77	·80	·81	·87	·87	·90	·92	·93	·93	·93	·93	·94	·91	·86	·75	·68	·61	·66	·62	·64	·63	·67	·798
Means	0·672	·732	·763	·786	·804	·830	·845	·859	·867	·892	·902	·910	·913	·915	·913	·847	·748	·653	·606	·597	·596	·598	·610	·632	0·770

TENSION OF VAPOUR—MARCH 1860

	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.*	In.	In.*	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·645	0·741	0·754	0·754	0·764	0·785	0·764	0·774	0·773	0·777	0·756	0·734	0·722	0·727	0·743	0·773	0·772	0·770	0·711	0·602	0·588	0·609	0·706	0·771	0·730
2	·750	·780	·784	·792	·787	·803	·823	·838	·798	·781	·777	·768	·760	·752	·741	·775	·795	·757	·758	·780	.825	·765	·780	·786	·781
3	·788	·788	·765	·773	·790	·796	·805	·806	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	·699	·707	·696	·685	·653	·658	·677	·707	·712	·710	·698	·694	·692	·670	·697	·730	·725
5	·747	·758	·744	·754	·754	·750	·764	·752	·745	·710	·710	·697	·685	·664	·686	·713	·737	·749	·758	·775	·774	·741	·747	·761	·736
6	·776	·801	·771	·746	·768	·780	·773	·764	·703	·699	·707	·691	·687	·694	·706	·747	·775	·740	·690	·656	·713	·769	·757	·754	·736
7	·776	·792	·804	·775	·770	·794	·786	·791	·789	·785	·757	·739	·717	·710	·735	·790	·792	·709	·718	·647	·614	·640	·638	·661	·739
8	·750	·784	·748	·756	·791	·783	·767	·749	·735	·748	·731	·729	·724	·728	·750	·795	·809	·786	·847	·847	·833	·830	·819	·818	·777
9	·837	·844	·830	·858	·849	·883	·890	·887	·853	·856	·841	·847	·842	·841	·855	·885	·851	·754	·825	·742	·734	·739	·781	·791	·830
10	·843	·867	·855	·869	·880	·902	·901	·889	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	·806	·807	·788	·775	·771	·760	·773	·806	·815	·757	·757	·766	·767	·762	·770	·781	·811
12	·774	·778	·781	·783	·786	·812	·797	·771	·746	·731	·734	·720	·730	·740	·759	·797	·778	·740	·718	·725	·736	·756	·761	·746	·758
13	·752	·729	·747	·753	·765	·781	·760	·790	·746	·746	·757	·772	·759	·728	·742	·775	·785	·731	·766	·767	·776	·755	·759	·775	·759
14	·790	·804	·794	·805	·806	·829	·838	·816	·798	·788	·778	·750	·756	·745	·763	·800	·782	·730	·752	·752	·763	·736	·759	·770	·779
15	·765	·749	·752	·760	·766	·764	·766	·775	·786	·786	·787	·767	·759	·752	·759	·791	·812	·786	·775	·799	·797	·793	·795	·801	·777
16	·811	·806	·826	·818	·823	·828	·848	·850	·824	·820	·815	·808	·805	·800	·830	·877	·865	·811	·845	·847	·849	·815	·832	·851	·829
17	·871	·872	·884	·879	·876	·885	·874	·900	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	·884	·893	·883	·896	·878	·855	·861	·889	·899	·858	·879	·899	·874	·909	·918	·923	·885
19	·907	·902	·892	·871	·859	·865	·873	·876	·872	·864	·852	·876	·848	·827	·841	·897	·867	·811	·802	·813	·828	·833	·839	·836	·856
20	·847	·834	·825	·847	·835	·845	·816	·801	·792	·805	·786	·793	·794	·770	·760	·816	·856	·794	·811	·812	·799	·791	·822	·758	·809
21	·806	·817	·820	·813	·807	·803	·814	·815	·796	·780	·771	·770	·765	·747	·762	·820	·844	·825	·797	·808	·823	·822	·809	·813	·802
22	·789	·808	·790	·812	·819	·827	·810	·799	·786	·773	·767	·774	·771	·764	·787	·827	·796	·751	·744	·755	·761	·774	·807	·778	·786
23	·802	·803	·816	·827	·828	·848	·880	·874	·865	·847	·820	·807	·806	·783	·818	·875	·856	·824	·832	·805	·827	·810	·862	·873	·833
24	·875	·868	·859	·849	·851	·856	·882	·876	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	·853	·866	·850	·834	·842	·821	·841	·844	·811	·681	·678	·795	·795	·691	·716	·769	·817
26	·814	·865	·873	·884	·889	·881	·888	·880	·886	·856	·841	·836	·825	·818	·835	·889	·879	·820	·732	·851	·838	·777	·776	·749	·841
27	·799	·840	·846	·863	·856	·873	·879	·871	·843	·885	·881	·859	·872	·891	·911	·919	·908	·872	·810	·889	·910	·922	·912	·907	·876
28	·927	·938	·954	·940	·912	·905	·903	·900	·897	·884	·861	·888	·885	·858	·836	·865	·862	·869	·758	·872	·901	·899	·905	·873	·887
29	·888	·914	·899	·897	·900	·927	·935	·916	·869	·867	·847	·834	·841	·822	·847	·892	·859	·844	·882	·913	·881	·928	·861	·871	·881
30	·896	·882	·879	·889	·893	·909	·903	·911	·916	·891	·864	·842	·827	·817	·836	·890	·881	·852	·851	·931	·884	·909	·872	·906	·880
Means	0·809	·822	·819	·822	·824	·835	·836	·833	·810	·806	·794	·788	·782	·772	·787	·825	·823	·782	·777	·790	·792	·786	·796	·802	0·805

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR

HUMIDITY OF THE AIR—APRIL 1860

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
Mar. 31	·71	·82	·84	·83	·87	·88	·90	·89	—	*	—	*	—	—	—	—	—	—	—	—	—	—	—	—	—
1	—	—	—	—	—	—	—	—	·88	·88	·91	·90	·93	·92	·88	·79	·71	·58	·60	·63	·64	·68	·66	·66	0·791
2	·71	·78	·82	·84	·82	·84	·85	·88	·92	·95	·94	·95	·94	·91	·88	·80	·67	·65	·67	·64	·64	·61	·64	·68	·793
3	·77	·80	·84	·87	·88	·90	·90	·92	·95	·94	·92	·94	·94	·94	·90	·88	·77	·65	·53	·61	·63	·65	·68	·75	·815
4	·78	·79	·83	·88	·89	·92	·92	·92	·95	·95	·95	·85	·92	·95	·92	·84	·76	·71	·70	·60	·59	·57	·58	·65	·809
5	·71	·77	·82	·86	·85	·86	·88	·91	·89	·91	·92	·92	·94	·94	·91	·84	·74	·66	·54	·59	·58	·60	·60	·63	·786
6	·66	·72	·81	·83	·84	·84	·86	·92	·92	·91	·92	·90	·91	·92	·89	·86	·73	·72	·68	·67	·68	·68	·68	·69	·802
7	·70	·75	·79	·80	·81	·84	·87	·86	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	·87	·88	·92	·93	·94	·92	·84	·80	·76	·71	·68	·66	·57	·54	·56	·56	·773
9	·66	·71	·77	·80	·82	·82	·84	·84	·79	·86	·85	·85	·85	·86	·84	·72	·61	·54	·50	·51	·57	·53	·62	·64	·725
10	·66	·71	·77	·79	·84	·83	·84	·83	·86	·87	·89	·88	·88	·91	·87	·81	·66	·57	·49	·69	·51	·53	·53	·59	·742
11	·65	·74	·79	·83	·85	·88	·86	·86	·82	·84	·87	·89	·90	·88	·80	·74	·62	·54	·47	·45	·57	·56	·56	·59	·732
12	·64	·73	·79	·77	·80	·81	·83	·85	·84	·84	·86	·86	·86	·88	·85	·77	·70	·63	·54	·47	·43	·61	·63	·67	·736
13	·70	·75	·74	·76	·77	·75	·76	·76	·75	·77	·79	·83	·85	·85	·81	·74	·66	·57	·50	·59	·61	·63	·63	·68	·719
14	·71	·78	·79	·79	·79	·79	·82	·82	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	·88	·92	·93	·94	·93	·92	·86	·76	·68	·61	·59	·53	·55	·57	·62	·61	·758
16	·66	·74	·80	·85	·84	·85	·86	·86	·89	·88	·88	·89	·91	·92	·88	·78	·68	·62	·61	·61	·62	·64	·64	·68	·775
17	·72	·76	·79	·80	·83	·87	·88	·88	·87	·88	·91	·90	·90	·92	·88	·78	·65	·58	·59	·59	·58	·57	·62	·63	·766
18	·67	·74	·75	·76	·78	·83	·83	·84	·86	·90	·89	·91	·91	·92	·87	·79	·73	·68	·54	·61	·60	·58	·58	·62	·758
19	·68	·74	·77	·79	·80	·82	·83	·83	·83	·86	·89	·91	·90	·90	·90	·79	·72	·65	·62	·57	·59	·57	·56	·60	·755
20	·64	·69	·78	·80	·82	·84	·85	·86	·90	·90	·91	·91	·93	·90	·86	·78	·72	·59	·55	·53	·49	·46	·50	·54	·740
21	·60	·71	·77	·83	·86	·88	·89	·92	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	·84	·86	·89	·91	·90	·86	·80	·66	·55	·49	·52	·53	·55	·56	·60	·59	·732
23	·69	·75	·79	·82	·80	·81	·80	·82	·84	·88	·88	·86	·87	·88	·83	·73	·63	·61	·64	·63	·60	·59	·60	·65	·750
24	·66	·72	·76	·80	·82	·81	·85	·86	·88	·88	·90	·90	·89	·89	·85	·76	·70	·68	·64	·67	·63	·64	·64	·70	·772
25	·71	·74	·80	·81	·85	·86	·86	·88	·91	·92	·92	·91	·91	·91	·88	·77	·64	·65	·63	·61	·61	·62	·64	·65	·779
26	·68	·74	·79	·82	·84	·87	·86	·88	·94	·95	·92	·91	·89	·88	·86	·77	·63	·53	·59	·60	·58	·58	·59	·63	·764
27	·62	·70	·77	·78	·81	·84	·87	·87	·86	·88	·92	·93	·91	·91	·88	·77	·68	·59	·61	·58	·57	·59	·57	·62	·755
28	·63	·71	·81	·84	·84	·88	·88	·82	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	·93	·98	·99	·96	·93	·84	·80	·74	·65	·58	·57	·55	·56	·53	·58	·63	·760
30	·68	·80	·83	·83	·83	·88	·89	·87	·90	·86	·88	·87	·87	·87	·82	·70	·63	·52	·46	·53	·57	·57	·60	·64	·746
Means	0·681	·746	·793	·815	·829	·846	·857	·863	·876	·890	·902	·900	·904	·900	·860	·776	·680	·612	·579	·587	·582	·587	·604	·638	0·763

TENSION OF VAPOUR—APRIL 1860

	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.*	In.	In.*	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
Mar. 31	0·918	0·949	0·944	0·922	0·927	0·937	0·942	0·915	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1	—	—	—	—	—	—	—	—	0·911	0·889	0·908	0·904	0·910	0·893	0·891	0·901	0·895	0·823	0·873	0·918	0·926	0·970	0·940	0·906	0·913
2	·918	·927	·929	·938	·906	·921	·928	·935	·922	·931	·921	·931	·922	·892	·882	·899	·845	·899	·955	·977	·970	·945	·934	·949	·924
3	·968	·968	·965	·965	·967	·975	·953	·954	·956	·936	·922	·953	·959	·942	·916	·948	·940	·898	·821	·872	·884	·918	·945	·978	·938
4	·966	·940	·939	·967	·961	·969	·965	·955	·931	·931	·937	·847	·900	·925	·930	·964	·939	·945	·961	·881	·878	·863	·862	·904	·927
5	·928	·948	·951	·958	·941	·942	·942	·951	·946	·951	·947	·922	·927	·916	·914	·994	·961	·928	·822	·894	·879	·874	·852	·878	·924
6	·869	·886	·924	·933	·924	·908	·905	·916	·895	·864	·861	·869	·860	·857	·874	·939	·902	·924	·907	·910	·915	·939	·948	·889	·901
7	·884	·885	·905	·895	·895	·901	·909	·876	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	·880	·884	·898	·896	·889	·879	·866	·872	·849	·842	·841	·863	·809	·791	·794	·750	·865
9	·812	·837	·854	·865	·870	·865	·870	·862	·810	·864	·854	·847	·833	·824	·844	·830	·800	·755	·768	·810	·865	·782	·832	·860	·834
10	·845	·887	·905	·915	·927	·929	·915	·913	·929	·933	·930	·911	·879	·891	·903	·951	·914	·866	·828	·931	·924	·933	·904	·895	·907
11	·926	·990	1·005	1·017	1·021	1·005	·987	·967	·921	·906	·913	·908	·901	·882	·861	·897	·868	·819	·791	·802	·942	·907	·903	·897	·918
12	·919	·959	·967	·942	·942	·952	·960	·960	·931	·932	·937	·929	·920	·932	·957	·948	·948	·891	·868	·829	·809	·938	·958	·958	·929
13	·972	·972	·904	·906	·903	·855	·880	·860	·842	·834	·848	·890	·903	·897	·902	·875	·873	·884	·824	·899	·932	·925	·918	·946	·893
14	·950	·956	·921	·914	·893	·887	·894	·885	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	·911	·924	·910	·912	·896	·893	·900	·881	·877	·853	·851	·783	·828	·842	·861	·839	·886
16	·862	·898	·892	·927	·908	·918	·911	·906	·900	·889	·884	·874	·891	·894	·917	·904	·883	·871	·876	·855	·859	·869	·897	·910	·891
17	·902	·904	·901	·891	·896	·934	·935	·932	·909	·888	·891	·881	·875	·880	·889	·883	·814	·804	·839	·846	·818	·802	·838	·838	·875
18	·847	·852	·852	·840	·845	·868	·869	·858	·852	·838	·803	·809	·811	·793	·838	·891	·903	·932	·763	·851	·848	·835	·810	·830	·843
19	·855	·867	·848	·857	·853	·864	·868	·840	·834	·823	·804	·809	·801	·792	·833	·875	·860	·841	·822	·778	·812	·781	·783	·797	·829
20	·819	·829	·851	·861	·864	·876	·880	·877	·875	·834	·816	·809	·806	·780	·796	·839	·865	·781	·793	·792	·720	·675	·729	·764	·814
21	·814	·863	·882	·922	·924	·935	·946	·953	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	·880	·876	·870	·906	·887	·851	·867	·797	·760	·723	·767	·810	·853	·866	·907	·867	·864
23	·926	·938	·936	·931	·907	·907	·896	·897	·870	·882	·876	·867	·880	·883	·922	·910	·834	·884	·929	·917	·895	·878	·873	·898	·897
24	·903	·922	·909	·917	·923	·908	·930	·936	·937	·887	·872	·872	·862	·859	·912	·912	·941	·923	·909	·948	·919	·910	·901	·937	·910
25	·928	·917	·922	·913	·922	·932	·929	·927	·945	·949	·895	·872	·841	·839	·887	·882	·812	·864	·881	·878	·888	·908	·910	·897	·897
26	·904	·914	·908	·913	·917	·933	·911	·913	·907	·891	·867	·850	·820	·781	·844	·848	·818	·756	·840	·873	·855	·836	·821	·870	·866
27	·830	·860	·866	·866	·880	·901	·909	·904	·890	·882	·887	·855	·838	·842	·905	·908	·875	·826	·872	·851	·839	·839	·805	·857	·866
28	·867	·892	·930	·945	·935	·942	·942	·860	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	·940	·961	·961	·935	·897	·795	·816	·873	·864	·832	·864	·819	·839	·841	·872	·910	·889
30	·939	·982	·991	·961	·961	·948	·957	·921	·911	·859	·863	·847	·853	·855	·873	·844	·834	·766	·768	·833	·883	·861	·905	·921	·889
Means	0·895	·913	·915	·918	·916	·920	·920	·910	·901	·894	·887	·881	·875	·864	·882	·895	·872	·851	·847	·862	·869	·866	·873	·882	0·888

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR

HUMIDITY OF THE AIR—MAY 1860

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	·63	·73	·77	·81	·84	·86	·85	·86	·85	*86	·88	*87	·86	·88	·83	·74	·66	·53	·41	·36	·51	·56	·58	·61	0·722
2	·66	·75	·77	·81	·78	·80	·82	·83	·81	·79	·83	·84	·84	·82	·76	·71	·63	·61	·62	·63	·61	·60	·64	·68	·735
3	·74	·78	·79	·81	·83	·83	·86	·86	·87	·84	·86	·85	·87	·88	·84	·74	·64	·58	·51	·63	·64	·67	·67	·69	·762
4	·76	·83	·81	·82	·81	·82	·83	·83	·83	·83	·85	·88	·88	·89	·81	·74	·71	·69	·64	·63	·66	·64	·64	·65	·770
5	·71	·79	·81	·82	·82	·85	·84	·85	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	·88	·88	·88	·88	·88	·88	·83	·73	·69	·60	·64	·73	·63	·62	·62	·63	·766
7	·66	·74	·77	·80	·81	·80	·81	·82	·84	·86	·88	·89	·88	·84	·80	·73	·64	·58	·60	·61	·60	·61	·61	·63	·742
8	·68	·75	·82	·82	·81	·82	·83	·82	·80	·80	·79	·80	·84	·81	·75	·67	·62	·48	·44	·52	·57	·59	·60	·59	·709
9	·65	·74	·83	·83	·82	·75	·73	·72	·71	·72	·72	·74	·75	·73	·69	·56	·48	·46	·51	·52	·51	·46	·49	·48	·650
10	·61	·69	·78	·80	·80	·71	·73	·72	·72	·70	·70	·74	·72	·73	·64	·56	·50	·41	·37	·38	·47	·50	·50	·52	·625
11	·57	·67	·66	·69	·69	·72	·71	·72	·73	·69	·67	·70	·70	·65	·56	·48	·45	·41	·39	·42	·44	·52	·51	·49	·593
12	·52	·63	·71	·76	·79	·80	·76	·77	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	·76	·76	·81	·81	·84	·84	·80	·71	·59	·53	·44	·46	·48	·48	·49	·51	·669
14	·59	·67	·75	·76	·76	·79	·71	·63	·64	·59	·60	·63	·63	·58	·56	·48	·42	·37	·37	·41	·46	·47	·48	·50	·577
15	·51	·58	·65	·65	·68	·69	·74	·71	·75	·74	·77	·78	·79	·81	·75	·62	·52	·41	·38	·33	·46	·51	·53	·53	·620
16	·54	·53	·65	·73	·69	·75	·78	·78	·79	·80	·77	·75	·75	·72	·59	·49	·41	·35	·29	·38	·43	·47	·47	·50	·600
17	·52	·61	·55	·56	·62	·67	·68	·75	·77	·77	·75	·71	·67	·72	·63	·54	·49	·48	·49	·49	·50	·52	·51	·51	·605
18	·53	·61	·74	·80	·81	·79	·76	·72	·74	·80	·85	·87	·88	·89	·71	·57	·50	·41	·51	·51	·50	·49	·51	·53	·668
19	·54	·65	·69	·74	·76	·78	·81	·83	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	·77	·85	·85	·86	·87	·86	·80	·74	·65	·54	·44	·39	·52	·56	·58	·62	·696
21	·62	·71	·78	·80	·82	·83	·83	·83	·81	·80	·81	·79	·83	·88	·81	·70	·60	·56	·56	·57	·54	·57	·64	·66	·723
22	·71	·70	·74	·79	·79	·79	·81	·77	·74	·68	·67	·65	·63	·63	·61	·51	·48	·45	·40	·37	·35	·54	·57	·62	·625
23	·63	·70	·70	·74	·78	·83	·79	·76	·62	·61	·63	·64	·68	·68	·67	·56	·45	·39	·37	·29	·39	·51	·57	·61	·608
24	·61	·62	·59	·52	·55	·58	·62	·65	·64	·63	·62	·58	·60	·67	·60	·53	·46	·39	·35	·34	·29	·32	·30	·32	·516
25	·33	·49	·45	·44	·45	·52	·54	·55	·51	·56	·57	·59	·59	·60	·59	·54	·49	·45	·39	·31	·28	·38	·39	·49	·479
26	·56	·61	·71	·72	·72	·68	·71	·71	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	·59	·60	·63	·62	·60	·62	·62	·53	·45	·39	·35	·35	·41	·50	·50	·54	·572
28	·55	·59	·65	·68	·70	·73	·77	·78	·68	·73	·71	·69	·63	·63	·59	·51	·46	·42	·39	·46	·50	·52	·53	·56	·602
29	·67	·72	·76	·78	·77	·78	·73	·74	·78	·79	·79	·81	·81	·82	·73	·65	·55	·45	·41	·39	·45	·48	·54	·57	·665
30	·70	·72	·69	·66	·65	·64	·69	·73	·74	·67	·65	·68	·67	·69	·64	·49	·42	·39	·38	·33	·33	·48	·55	·56	·590
31	·58	·65	·71	·69	·71	·76	·79	·79	·79	·76	·70	·77	·73	·64	·54	·51	·50	·48	·39	·36	·51	·58	·56	·60	·629
Means	0·607	·676	·716	·734	·743	·754	·760	·760	·747	·745	·750	·756	·756	·755	·694	·605	·536	·474	·446	·447	·483	·524	·540	·563	0·649

TENSION OF VAPOUR—MAY 1860

	In.	In.	In.	In.	In.	In.	In.	In.	In.*	In.	In.*	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·891	0·929	0·942	0·951	0·962	0·962	0·935	0·929	0·909	0·908	0·911	0·903	0·890	0·896	0·923	0·888	0·861	0·782	0·697	0·678	0·794	0·861	0·880	0·913	0·883
2	·933	·964	·948	·957	·925	·920	·930	·929	·893	·862	·892	·902	·883	·882	·898	·911	·897	·927	·908	·923	·941	·924	·944	·967	·919
3	·993	1·006	·983	·984	·992	·970	·993	·993	·997	·953	·951	·947	·958	·975	·973	·974	·926	·897	·869	·955	·977	·962	·962	·981	·965
4	1·010	·018	·988	·988	·959	·963	·960	·934	·947	·929	·947	·955	·957	·976	·979	·965	·948	·976	·960	·948	·944	·947	·953	·968	·963
5	0·978	0·985	·983	·981	·957	·979	·956	·953	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	·944	·936	·941	·942	·944	·943	·960	·952	·968	·877	·952	·955	·947	·946	·939	·922	·952
7	·938	·959	·945	·950	·948	·925	·928	·930	·951	·955	·964	·968	·948	·933	·928	·921	·916	·896	·935	·944	·952	·963	·947	·959	·942
8	·976	·983	·993	·988	·955	·954	·960	·951	·930	·931	·916	·922	·937	·908	·902	·906	·914	·825	·829	·914	·948	·964	1·000	·965	·936
9	·989	1·002	1·019	1·021	·997	·940	·920	·924	·886	·878	·864	·868	·859	·845	·855	·778	·764	·780	·867	·880	·901	·821	0·860	·829	·889
10	·946	0·969	0·999	·019	1·012	·911	·928	·913	·908	·889	·884	·897	·861	·859	·809	·822	·797	·753	·746	·808	·870	·892	·900	·901	·887
11	·940	·970	·933	0·945	0·907	·941	·910	·882	·859	·812	·780	·805	·783	·743	·674	·676	·710	·724	·738	·785	·798	·862	·836	·814	·826
12	·818	·897	·924	·966	·978	·982	·927	·923	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	·919	·907	·938	·926	·964	·964	·974	·972	·914	·922	·828	·898	·885	·863	·861	·881	·918
14	·931	·936	·981	1·001	·990	1·005	·886	·777	·768	·705	·708	·725	·709	·667	·687	·660	·651	·647	·720	·779	·841	·821	·816	·810	·801
15	·820	·818	·839	0·840	·855	0·872	·912	·859	·896	·881	·893	·906	·919	·928	·925	·869	·813	·738	·732	·702	·841	·893	·913	·919	·858
16	·901	·828	·906	·985	·923	·962	·972	·974	·969	·982	·940	·916	·861	·798	·707	·692	·662	·663	·575	·733	·820	·850	·846	·866	·847
17	·865	·905	·799	·800	·824	·865	·883	·932	·917	·878	·857	·774	·724	·753	·751	·755	·769	·789	·882	·883	·892	·885	·868	·859	·838
18	·878	·883	·976	1·010	1·015	·987	·937	·876	·871	·940	·972	·971	·961	·939	·838	·775	·746	·674	·865	·871	·830	·837	·816	·879	·889
19	·886	·955	·948	0·968	0·973	·968	·992	1·008	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	·942	·941	·947	·949	·965	·951	·972	·986	·955	·865	·781	·741	·888	·919	·943	·954	·933
21	·962	·995	1·003	1·003	1·003	1·009	1·008	·008	·951	·942	·948	·923	·947	·973	·990	·972	·936	·883	·908	·940	·910	·954	1·005	1·029	·967
22	1·039	·990	0·981	·007	0·995	·008	·000	0·940	·867	·800	·764	·745	·722	·722	·765	·728	·766	·740	·758	·711	·727	·926	0·958	0·958	·859
23	0·948	·958	·953	0·972	·999	·039	0·978	·938	·747	·727	·726	·723	·741	·735	·747	·720	·669	·660	·692	·626	·729	·828	·863	·884	·817
24	·893	·909	·837	·707	·681	0·705	·718	·729	·713	·747	·736	·658	·660	·732	·709	·716	·721	·676	·640	·672	·594	·690	·647	·698	·716
25	·690	·822	·747	·690	·657	·715	·747	·759	·695	·742	·763	·765	·748	·745	·785	·790	·776	·796	·768	·636	·611	·730	·769	·939	·745
26	1·008	1·006	1·012	·993	·982	·934	·951	·919	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	·782	·783	·781	·756	·720	·743	·823	·832	·768	·770	·703	·718	·835	·939	·926	·963	·860
28	0·935	0·931	0·956	·965	·971	·986	1·001	·995	·886	·927	·921	·866	·768	·749	·772	·777	·757	·784	·771	·875	·915	·923	·904	·919	·886
29	·979	1·002	1·010	1·016	1·000	1·002	0·936	·937	·952	·961	·964	·951	·953	·938	·927	·929	·886	·824	·809	·819	·893	·889	·924	·940	·935
30	1·009	·014	·003	0·869	0·849	0·825	·855	·917	·906	·817	·795	·845	·802	·795	·775	·715	·687	·689	·736	·658	·687	·876	·956	·956	·835
31	0·940	0·965	0·979	·951	·952	·984	1·006	1·006	·983	·906	·858	·901	·837	·729	·660	·673	·742	·781	·697	·708	·838	·896	·918	·919	·868
Means	0·929	·948	·948	·945	·936	·938	·931	·920	·888	·876	·873	·867	·853	·845	·841	·828	·812	·790	·791	·806	·845	·884	·895	·911	0·879

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR

HUMIDITY OF THE AIR—JUNE 1860

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	·60	·67	·70	·73	·77	·83	·84	·83	·81	*·81	·79	*·81	·78	·77	·78	·70	·56	·47	·43	·39	·52	·53	·54	·60	0·677
2	·60	·64	·76	·77	·77	·79	·78	·74	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	·73	·73	·72	·66	·63	·66	·66	·61	·48	·43	·40	·48	·36	·35	·33	·57	·610
4	·60	·62	·69	·71	·71	·69	·71	·69	·72	·68	·67	·66	·64	·58	·58	·59	·47	·45	·50	·52	·55	·51	·51	·52	·607
5	·61	·66	·73	·76	·79	·79	·81	·83	·81	·76	·76	·77	·77	·79	·78	·74	·69	·64	·59	·52	·59	·58	·59	·61	·707
6	·56	·53	·54	·55	·54	·57	·62	·64	·65	·67	·70	·73	·76	·74	·70	·68	·73	·69	·59	·57	·48	·44	·56	·64	·620
7	·66	·71	·75	·76	·77	·77	·76	·75	·75	·71	·72	·72	·76	·80	·77	·66	·64	·58	·50	·46	·59	·54	·51	·58	·676
8	·56	·66	·76	·80	·79	·80	·89	·90	·85	·89	·90	·91	·92	·92	·83	·74	·66	·62	·53	·49	·48	·49	·43	·58	·725
9	·61	·69	·83	·81	·78	·79	·82	·85	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	·56	·64	·63	·64	·70	·71	·70	·66	·64	·50	·49	·48	·44	·42	·58	·63	·650
11	·63	·62	·71	·75	·75	·76	·71	·63	·61	·61	·65	·64	·66	·66	·73	·59	·53	·49	·46	·44	·49	·53	·62	·64	·621
12	·65	·74	·79	·76	·74	·75	·75	·75	·77	·76	·76	·77	·74	·73	·65	·61	·55	·50	·47	·43	·39	·52	·56	·63	·657
13	·65	·74	·75	·78	·78	·77	·74	·73	·77	·77	·79	·81	·83	·84	·72	·60	·49	·45	·40	·38	·39	·50	·42	·35	·644
14	·54	·62	·73	·77	·64	·50	·47	·47	·47	·49	·52	·59	·64	·65	·58	·52	·46	·44	·39	·37	·35	·34	·33	·31	·508
15	·33	·34	·63	·39	·38	·41	·46	·48	·49	·53	·53	·54	·55	·57	·54	·52	·45	·41	·39	·38	·34	·33	·32	·33	·443
16	·36	·35	·39	·41	·43	·45	·46	·45	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	—	·87	·88	·88	·86	·86	·86	·73	·64	·66	·55	·50	·47	·42	·45	·61	·67	·592
18	·71	·72	·79	·82	·83	·78	·77	·83	·71	·79	·78	·79	·81	·85	·82	·72	·54	·53	·47	·43	·42	·51	·58	·64	·693
19	·64	·66	·74	·80	·81	·81	·82	·77	·72	·73	·75	·78	·78	·74	·76	·68	·59	·53	·53	·47	·50	·62	·65	·69	·690
20	·81	·87	·87	·84	·83	·87	·91	·90	·90	·88	·91	·89	·83	·89	·90	·87	·85	·83	·81	·69	·64	·61	·61	·67	·820
21	·74	·78	·82	·83	·87	·86	·88	·88	·88	·86	·76	·82	·86	·86	·90	·88	·84	·77	·68	·59	·58	·54	·54	·68	·779
22	·75	·80	·83	·86	·88	·87	·86	·87	·88	·85	·85	·86	·87	·88	·81	·74	·69	·61	·56	·50	·53	·61	·65	·65	·761
23	·67	·72	·78	·81	·82	·83	·84	·81	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	·78	·80	·80	·82	·84	·84	·79	·70	·62	·57	·47	·46	·40	·35	·37	·42	·680
25	·53	·63	·66	·66	·64	·73	·78	·81	·81	·81	·80	·68	·64	·64	·60	·53	·59	·47	·47	·42	·39	·37	·35	·51	·605
26	·55	·61	·63	·65	·67	·75	·79	·82	·79	·79	·76	·71	·64	·64	·58	·51	·49	·46	·42	·39	·37	·34	·34	·36	·586
27	·53	·60	·59	·59	·61	·68	·75	·73	·72	·65	·65	·60	·68	·61	·59	·55	·51	·46	·41	·38	·44	·46	·45	·51	·573
28	·59	·61	·64	·67	·68	·77	·80	·82	·80	·74	·68	·55	·57	·60	·61	·54	·49	·46	·44	·41	·51	·54	·58	·58	·612
29	·64	·69	·63	·64	·65	·67	·91	·88	·79	·78	·74	·70	·67	·69	·67	·62	·59	·51	·48	·46	·43	·46	·41	·55	·636
Means	0·605	·651	·710	·717	·717	·732	·757	·754	·746	·744	·740	·732	·737	·741	·711	·648	·592	·537	·495	·463	·464	·478	·498	·557	0·647

TENSION OF VAPOUR—JUNE 1860

	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·907	0·955	0·962	0·972	0·977	1·018	1·011	1·002	0·985	*0·977	0·964	*0·951	0·919	0·878	0·973	0·937	0·859	0·822	0·824	0·789	0·969	0·929	0·917	0·962	0·936
2	·970	·992	1·029	1·034	1·028	·015	·004	0·963	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	·928	·917	·888	·807	·760	·785	·839	·801	·767	·743	·755	·873	·675	·660	·672	·953	·869
4	·914	·909	0·945	0·953	0·950	0·926	0·880	·824	·853	·807	·789	·761	·748	·686	·706	·750	·706	·706	·806	·846	·874	·816	·804	·818	·824
5	·870	·903	·928	·957	·985	·977	·996	1·016	·985	·912	·906	·909	·908	·911	·898	·908	·944	·919	·923	·888	·936	·925	·937	·936	·932
6	·827	·778	·740	·740	·707	·698	·739	0·754	·766	·788	·799	·816	·819	·814	·777	·778	·812	·816	·777	·809	·773	·774	·857	·901	·786
7	·909	·893	·894	·906	·905	·921	·906	·870	·848	·787	·779	·777	·819	·859	·872	·885	·951	·926	·833	·843	·917	·885	·869	·927	·874
8	·910	·937	·984	1·012	·995	·997	·933	·923	·875	·902	·902	·920	·922	·922	·907	·930	·902	·919	·846	·809	·796	·821	·757	·880	·904
9	·853	·885	·919	0·907	·883	·909	·946	·981	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	·696	·753	·750	·736	·770	·789	·822	·841	·899	·791	·824	·822	·762	·771	·869	·889	·836
11	·893	·860	·887	·924	·928	·938	·881	·794	·751	·738	·774	·752	·750	·738	·865	·793	·758	·767	·765	·774	·830	·845	·894	·901	·825
12	·915	·937	·943	·914	·891	·902	·887	·877	·902	·891	·876	·856	·811	·786	·737	·764	·762	·777	·772	·773	·754	·842	·888	·891	·848
13	·958	·963	·943	·949	·946	·924	·897	·885	·908	·899	·902	·916	·929	·900	·866	·826	·731	·746	·703	·694	·767	·857	·779	·713	·858
14	·872	·939	·952	·967	·869	·731	·665	·633	·627	·643	·669	·711	·752	·747	·703	·700	·677	·686	·683	·686	·659	·665	·648	·634	·730
15	·655	·629	·894	·628	·611	·621	·651	·655	·657	·694	·677	·665	·662	·655	·685	·678	·643	·628	·643	·679	·648	·648	·643	·665	·663
16	·684	·638	·665	·667	·670	·695	·676	·646	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	—	·940	·949	·942	·890	·867	·867	·831	·814	·892	·789	·758	·745	·700	·764	·887	·934	·788
18	·925	·921	·949	·960	·974	·914	·884	·943	·789	·877	·849	·856	·875	·891	·912	·891	·789	·792	·756	·743	·760	·851	·926	·934	·873
19	·917	·889	·932	·955	·964	·951	·948	·910	·849	·825	·837	·851	·845	·813	·846	·835	·811	·732	·777	·758	·795	·912	·909	·907	·865
20	·840	·910	·906	·895	·890	·880	·915	·898	·916	·913	·915	·858	·787	·820	·834	·861	·858	·874	·930	·893	·919	·879	·928	·955	·886
21	·902	·894	·919	·923	·940	·930	·942	·935	·935	·923	·799	·837	·881	·881	·899	·911	·937	·915	·848	·813	·840	·807	·854	·945	·892
22	·954	·962	·963	·970	·970	·971	·954	·953	·942	·913	·897	·899	·898	·898	·899	·906	·912	·856	·850	·808	·863	·918	·956	·950	·919
23	·950	·956	·957	·954	·967	·960	·962	·928	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	·914	·920	·921	·919	·937	·919	·886	·878	·831	·844	·757	·790	·768	·698	·736	·802	·881
25	·874	·894	·902	·902	·833	·837	·904	·928	·926	·928	·921	·778	·723	·711	·710	·665	·779	·675	·704	·700	·683	·649	·662	·840	·797
26	·793	·817	·828	·830	·839	·887	·913	·932	·919	·919	·877	·831	·752	·736	·701	·692	·661	·676	·674	·662	·670	·646	·646	·671	·774
27	·816	·837	·791	·789	·792	·844	·888	·872	·864	·858	·778	·716	·775	·706	·700	·689	·715	·700	·648	·642	·766	·766	·753	·792	·771
28	·845	·855	·835	·845	·851	·931	·940	·942	·920	·867	·809	·655	·669	·684	·714	·698	·697	·683	·693	·702	·836	·838	·838	·853	·800
29	·876	·869	·802	·805	·804	·801	·944	·911	·863	·837	·785	·732	·692	·703	·714	·691	·761	·720	·702	·719	·715	·783	·696	·797	·780
Means	0·873	·881	·899	·894	·887	·887	·891	·879	·862	·857	·840	·816	·811	·804	·812	·805	·802	·780	·770	·770	·787	·798	·813	·858	0·836

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR

HUMIDITY OF THE AIR—JULY 1860

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
June 30	·62	·65	·65	·68	·70	·70	·72	·72	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1	—	—	—	—	—	—	—	—	·84	·80	·73	·65	·68	·70	·70	·65	·58	·53	·47	·45	·45	·40	·38	·39	0·618
2	·39	·40	·68	·69	·69	·75	·68	·66	·55	·61	·63	·62	·63	·64	·67	·61	·55	·52	·47	·45	·44	·44	·42	·65	·577
3	·69	·68	·75	·85	·84	·81	·76	·77	·69	·65	·65	·73	·77	·72	·65	·58	·55	·54	·51	·49	·47	·45	·43	·43	·644
4	·65	·67	·75	·80	·82	·86	·84	·88	·88	·88	·88	·86	·82	·76	·71	·68	·61	·54	·50	·45	·45	·45	·43	·38	·690
5	·38	·41	·46	·51	·68	·70	·72	·75	·75	·71	·72	·70	·70	·63	·60	·53	·49	·47	·44	·41	·40	·39	·38	·58	·563
6	·61	·68	·75	·72	·75	·74	·73	·74	·75	·72	·72	·63	·64	·64	·60	·57	·50	·46	·43	·41	·38	·36	·49	·52	·606
7	·52	·59	·70	·69	·67	·71	·69	·75	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	·85	·87	·88	·86	·88	·79	·71	·59	·52	·47	·44	·40	·36	·35	·35	·45	·629
9	·59	·68	·73	·73	·75	·75	·76	·76	·78	·85	·87	·84	·84	·82	·79	·79	·76	·66	·57	·54	·50	·43	·39	·42	·692
10	·63	·72	·72	·78	·76	·76	·77	·80	·79	·83	·79	·72	·68	·70	·62	·56	·52	·43	·42	·39	·38	·39	·44	·55	·631
11	·63	·65	·65	·67	·71	·71	·73	·75	·77	·77	·71	·64	·64	·65	·65	·64	·62	·63	·52	·46	·46	·44	·38	·46	·622
12	·54	·58	·67	·86	·82	·75	·81	·87	·85	·87	·86	·80	·80	·77	·76	·72	·67	·64	·62	·56	·55	·50	·54	·54	·706
13	·57	·66	·74	·75	·75	·77	·78	·79	·72	·73	·73	·72	·81	·89	·91	·82	·66	·60	·55	·54	·52	·47	·56	·56	·692
14	·74	·73	·78	·80	·81	·79	·82	·78	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	·78	·74	·76	·81	·83	·75	·70	·70	·65	·54	·52	·43	·44	·43	·43	·43	·675
16	·44	·50	·55	·59	·61	·61	·69	·68	·59	·59	·62	·69	·74	·69	·62	·57	·54	·50	·52	·46	·45	·46	·56	·53	·575
17	·62	·69	·73	·73	·70	·74	·71	·68	·72	·74	·80	·83	·84	·84	·84	·68	·60	·54	·47	·47	·43	·41	·64	·60	·669
18	·69	·69	·72	·76	·77	·77	·73	·76	·71	·85	·87	·88	·92	·90	·90	·83	·76	·67	·56	·51	·49	·51	·54	·57	·723
19	·60	·67	·74	·76	·76	·78	·79	·79	·79	·89	·89	·89	·88	·86	·84	·77	·68	·62	·59	·55	·53	·47	·58	·64	·723
20	·68	·68	·74	·80	·78	·77	·81	·81	·86	·80	·89	·91	·88	·90	·89	·88	·83	·72	·66	·61	·61	·54	·49	·52	·752
21	·61	·70	·82	·83	·73	·78	·77	·75	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	·83	·90	·90	·88	·90	·87	·86	·80	·69	·62	·54	·54	·52	·48	·52	·62	·728
23	·65	·69	·76	·79	·81	·82	·82	·92	·83	·84	·83	·78	·79	·82	·81	·75	·67	·63	·56	·50	·52	·52	·63	·60	·722
24	·63	·73	·76	·76	·78	·80	·81	·79	·83	·84	·88	·87	·87	·88	·89	·83	·77	·69	·61	·55	·50	·51	·52	·53	·735
25	·53	·69	·77	·78	·80	·82	·84	·84	·86	·88	·89	·91	·80	·77	·69	·64	·58	·53	·47	·45	·44	·41	·42	·46	·678
26	·44	·45	·63	·73	·75	·91	·90	·90	·86	·90	·90	·91	·87	·85	·75	·80	·72	·67	·61	·60	·56	·50	·54	·53	·720
27	·55	·56	·60	·59	·61	·64	·69	·72	·72	·80	·78	·76	·75	·80	·75	·69	·64	·60	·58	·50	·50	·46	·50	·52	·638
28	·55	·56	·54	·57	·60	·60	·68	·69	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	·83	·82	·77	·75	·70	·67	·73	·61	·55	·51	·48	·47	·43	·41	·41	·41	·597
30	·55	·68	·75	·80	·81	·77	·78	·81	·83	·84	·85	·78	·69	·67	·64	·64	·62	·55	·51	·41	·40	·44	·46	·47	·656
31	·62	·71	·73	·70	·80	·81	·78	·80	·79	·81	·80	·78	·78	·78	·80	·70	·59	·54	·50	·47	·44	·41	·42	·41	·665
Means	0·582	·633	·699	·730	·743	·756	·763	·776	·780	·797	·800	·785	·783	·769	·744	·690	·627	·571	·523	·484	·467	·446	·476	·510	0·664

TENSION OF VAPOUR—JULY 1860

	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
June 30	0·837	0·828	0·821	0·832	0·805	0·775	0·801	0·790	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1	—	—	—	—	—	—	—	—	0·938	0·889	0·832	0·750	0·764	0·778	0·783	0·780	0·761	0·745	0·749	0·716	0·762	0·759	0·725	0·714	0·789
2	·706	·718	·910	·881	·876	·907	·828	·814	·722	·765	·773	·756	·750	·754	·787	·787	·770	·761	·750	·722	·748	·759	·749	·890	·787
3	·916	·896	·934	·989	·978	·948	·875	·878	·824	·771	·757	·838	·874	·797	·757	·726	·716	·722	·729	·747	·721	·728	·740	·747	·817
4	·865	·874	·915	·889	·864	·900	·870	·913	·898	·915	·896	·905	·864	·820	·807	·833	·771	·782	·758	·723	·752	·798	·783	·708	·838
5	·708	·731	·722	·777	·875	·897	·886	·897	·861	·809	·805	·797	·828	·747	·714	·692	·688	·723	·697	·694	·722	·730	·731	·863	·775
6	·876	·912	·939	·902	·908	·892	·876	·885	·870	·840	·861	·747	·738	·723	·716	·717	·677	·697	·690	·717	·711	·725	·802	·813	·801
7	·789	·806	·885	·867	·846	·863	·838	·885	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	·966	·965	·960	·906	·911	·843	·788	·758	·711	·700	·658	·625	·596	·626	·632	·717	·798
9	·844	·880	·895	·889	·913	·909	·914	·906	·820	·861	·853	·817	·803	·784	·776	·813	·846	·855	·796	·769	·798	·735	·647	·738	·828
10	·847	·889	·864	·896	·901	·885	·901	·920	·901	·922	·875	·801	·740	·743	·671	·668	·655	·638	·669	·638	·652	·684	·687	·801	·785
11	·837	·842	·803	·812	·836	·798	·823	·851	·856	·850	·784	·697	·686	·697	·703	·711	·712	·773	·701	·698	·712	·720	·624	·757	·762
12	·793	·811	·816	·942	·918	·812	·806	·808	·820	·847	·846	·802	·781	·746	·744	·754	·775	·783	·775	·750	·768	·759	·820	·821	·804
13	·806	·843	·894	·879	·867	·886	·848	·842	·767	·781	·777	·764	·819	·873	·891	·882	·820	·791	·765	·782	·771	·749	·771	·771	·818
14	·828	·838	·851	·865	·839	·828	·837	·799	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	·842	·794	·807	·857	·868	·784	·748	·775	·780	·722	·730	·685	·698	·666	·693	·679	·784
16	·682	·742	·764	·783	·800	·777	·824	·820	·719	·712	·737	·776	·824	·767	·724	·724	·736	·692	·740	·707	·705	·724	·832	·788	·754
17	·870	·890	·902	·889	·856	·869	·829	·790	·849	·858	·890	·923	·924	·939	·931	·845	·785	·761	·729	·762	·734	·776	·976	·905	·853
18	·960	·918	·924	·938	·940	·924	·879	·900	·770	·827	·867	·884	·922	·917	·947	·950	·905	·846	·778	·748	·749	·788	·848	·836	·874
19	·840	·878	·897	·906	·900	·913	·918	·918	·901	·775	·767	·789	·829	·817	·842	·880	·869	·861	·871	·835	·804	·781	·868	·917	·857
20	·940	·916	·869	·922	·869	·848	·893	·893	·945	·859	·825	·836	·802	·834	·838	·884	·875	·890	·875	·890	·859	·821	·780	·841	·867
21	·933	·950	·997	·986	·806	·810	·806	·789	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	·857	·881	·881	·862	·877	·836	·876	·899	·854	·826	·760	·813	·834	·782	·874	·920	·863
23	·931	·920	·924	·932	·946	·950	·929	·922	·828	·825	·814	·772	·776	·806	·821	·837	·815	·806	·778	·758	·835	·822	·892	·885	·855
24	·907	·937	·925	·829	·803	·778	·806	·801	·841	·844	·845	·827	·826	·833	·844	·840	·878	·831	·769	·793	·795	·814	·870	·872	·838
25	·845	·925	·915	·901	·905	·921	·931	·931	·936	·942	·952	·973	·847	·789	·742	·744	·755	·738	·689	·717	·741	·718	·757	·779	·837
26	·756	·727	·827	·882	·894	·892	·907	·916	·875	·887	·890	·891	·861	·845	·789	·859	·842	·819	·800	·821	·855	·768	·776	·781	·840
27	·799	·769	·763	·716	·723	·730	·748	·753	·755	·804	·783	·764	·758	·783	·785	·749	·752	·774	·825	·774	·776	·700	·748	·781	·763
28	·793	·757	·710	·728	·743	·724	·765	·761	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	·898	·879	·850	·811	·747	·698	·809	·713	·692	·673	·690	·709	·700	·724	·696	·691	·748
30	·781	·876	·918	·943	·924	·879	·881	·911	·899	·884	·873	·796	·728	·709	·683	·696	·718	·700	·702	·591	·615	·680	·721	·732	·785
31	·835	·873	·881	·826	·920	·916	·883	·889	·887	·877	·849	·830	·824	·811	·843	·777	·707	·716	·730	·727	·720	·687	·744	·734	·812
Means	0·834	·850	·869	·874	·869	·860	·856	·859	·854	·847	·839	·821	·814	·795	·791	·789	·773	·764	·748	·737	·746	·742	·770	·796	0·812

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR

HUMIDITY OF THE AIR—AUGUST 1860

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.14	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 6.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·45	0·64	0·77	0·78	0 80	0·82	0·84	0·84	0·85	0·83*	0·82	0·82*	0·81	0·84	0·80	0·69	0·58	0·54	0·51	0·50	0·48	0·48	0·47	0·49	0·685
2	·48	·51	·55	·58	·64	·63	·65	·66	·68	·66	·66	·66	·70	·65	·65	·58	·54	·51	·45	·44	·42	·40	·39	·40	·562
3	·44	·45	·47	·56	·50	·53	·58	·59	·59	·57	·59	·60	·62	·63	·64	·55	·53	·47	·45	·42	·43	·39	·39	·40	·516
4	·40	·42	·55	·61	·75	·75	·74	·74	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	·82	·83	·84	·76	·69	·67	·65	·66	·54	·51	·48	·45	·41	·41	·41	·53	·609
6	·63	·76	·82	·80	·85	·84	·84	·84	·82	·76	·78	·76	·74	·72	·70	·66	·62	·58	·56	·51	·51	·45	·44	·43	·684
7	·43	·59	·68	·80	·84	·82	·80	·79	·80	·79	·74	·75	·74	·72	·69	·67	·62	·51	·47	·43	·44	·40	·51	·58	·650
8	·62	·70	·75	·78	·82	·82	·79	·77	·77	·77	·78	·83	·83	·83	·76	·59	·52	·49	·44	·40	·37	·34	·47	·54	·657
9	·58	·58	·62	·70	·75	·78	·78	·84	·79	·78	·78	·78	·80	·80	·77	·62	·52	·49	·46	·53	·52	·52	·52	·53	·660
10	·54	·67	·73	·77	·81	·72	·77	·78	·76	·77	·78	·82	·86	·86	·86	·84	·77	·66	·57	·51	·47	·45	·55	·62	·706
11	·72	·76	·82	·68	·72	·74	·82	·84	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	·88	·88	·92	·94	·89	·79	·70	·68	·63	·57	·54	·53	·50	·44	·47	·44	·704
13	·50	·63	·68	·73	·76	·76	·78	·84	·84	·86	·90	·87	·87	·88	·85	·79	·68	·64	·52	·50	·48	·49	·46	·42	·697
14	·62	·70	·72	·74	·76	·82	·81	·72	·74	·73	·73	·78	·78	·82	·82	·76	·60	·52	·48	·47	·40	·48	·52	·55	·670
15	·60	·68	·71	·73	·75	·77	·77	·79	·75	·73	·73	·75	·83	·86	·88	·87	·84	·75	·66	·65	·65	·64	·68	·68	·740
16	·68	·72	·74	·76	·77	·80	·82	·80	·83	·79	·83	·85	·85	·88	·92	·90	·91	·89	·83	·81	·84	·84	·82	·78	·819
17	·80	·84	·83	·86	·85	·88	·89	·90	·90	·94	·95	·91	·91	·90	·87	·87	·80	·78	·73	·72	·68	·68	·66	·68	·826
18	·71	·76	·79	·82	·84	·88	·90	·93	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	·91	·92	·91	·93	·92	·94	·91	·83	·68	·66	·59	·57	·61	·63	·64	·65	·789
20	·70	·73	·78	·80	·82	·83	·87	·90	·91	·92	·90	·92	·93	·94	·83	·78	·73	·66	·60	·60	·64	·64	·58	·65	·777
21	·69	·74	·81	·82	·83	·84	·86	·87	·87	·87	·85	·88	·87	·86	·83	·77	·64	·60	·57	·52	·59	·61	·61	·67	·753
22	·71	·77	·79	·82	·84	·84	·86	·86	·85	·87	·88	·90	·89	·89	·86	·76	·69	·66	·64	·65	·62	·62	·60	·65	·772
23	·63	·68	·74	·76	·82	·79	·81	·84	·84	·86	·88	·86	·83	·85	·80	·73	·67	·63	·57	·55	·58	·60	·62	·62	·732
24	·63	·69	·76	·77	·77	·78	·78	·82	·84	·86	·89	·88	·88	·88	·85	·76	·63	·59	·53	·56	·58	·62	·62	·63	·733
25	·70	·74	·77	·78	·78	·80	·83	·84	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	·84	·84	·84	·83	·82	·86	·86	·85	·84	·84	·91	·84	·81	·72	·70	·80	·810
27	·82	·86	·87	·92	·92	·91	·91	·90	·95	·94	·93	·94	·93	·90	·90	·82	·74	·69	·60	·56	·53	·94	·76	·75	·833
28	·78	·84	·85	·84	·84	·82	·86	·85	·88	·85	·87	·88	·91	·86	·82	·74	·68	·66	·62	·58	·56	·52	·51	·50	·755
29	·69	·71	·81	·81	·82	·83	·83	·82	·87	·90	·90	·87	·87	·87	·87	·85	·81	·73	·68	·66	·62	·60	·58	·58	·774
30	·57	·72	·80	·80	·82	·81	·87	·93	·89	·89	·91	·92	·91	·93	·91	·87	·84	·77	·73	·70	·67	·63	·62	·65	·798
31	·76	·79	·85	·87	·87	·88	·87	·90	·90	·86	·90	·91	·91	·91	·91	·86	·77	·73	·67	·65	·66	·62	·61	·61	·803
Means	0·625	·692	·743	·766	·790	·796	·812	·822	·829	·825	·833	·837	·837	·835	·811	·754	·682	·634	·587	·567	·558	·561	·563	·586	0·723

TENSION OF VAPOUR—AUGUST 1860

	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.*	In.	In.*	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·759	0·819	0·908	0·887	0·920	0·925	0·943	0·931	0·919	0·899	0·888	0·865	0·852	0·857	0·860	0·795	0·753	0·731	0·744	0·728	0·712	0·744	0·723	0·771	0·831
2	·730	·726	·750	·766	·794	·767	·787	·784	·783	·758	·751	·737	·769	·715	·730	·680	·685	·680	·666	·665	·677	·652	·668	·676	·725
3	·701	·686	·670	·742	·665	·683	·719	·736	·729	·693	·680	·683	·680	·684	·698	·664	·658	·648	·681	·677	·700	·668	·690	·685	·688
4	·675	·659	·753	·795	·902	·889	·868	·869	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	·889	·890	·870	·797	·744	·721	·702	·769	·732	·725	·725	·718	·722	·717	·729	·746	·775
6	·817	·957	·922	·826	·869	·872	·872	·878	·864	·799	·810	·791	·762	·744	·727	·731	·769	·774	·771	·757	·768	·748	·756	·751	·806
7	·715	·840	·846	·946	·966	·938	·913	·892	·883	·857	·797	·788	·774	·754	·722	·741	·747	·6·0	·688	·672	·703	·714	·794	·849	·801
8	·829	·878	·873	·895	·924	·909	·878	·850	·850	·836	·820	·840	·822	·821	·797	·705	·676	·699	·675	·650	·651	·640	·779	·811	·796
9	·828	·775	·771	·832	·864	·888	·881	·940	·902	·883	·878	·853	·853	·830	·827	·760	·724	·723	·738	·807	·816	·830	·833	·831	·828
10	·793	·867	·891	·933	·942	·866	·905	·866	·846	·834	·824	·836	·842	·852	·852	·856	·878	·843	·773	·754	·745	·709	·787	·853	·839
11	·899	·906	·924	·740	·774	·811	·853	·871	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	·919	·913	·922	·912	·879	·787	·735	·763	·749	·750	·751	·772	·737	·674	·717	·692	·810
13	·762	·821	·845	·853	·846	·819	·820	·858	·844	·850	·862	·825	·825	·842	·842	·858	·783	·798	·728	·730	·736	·792	·769	·698	·809
14	·851	·888	·870	·877	·878	·909	·899	·783	·801	·780	·782	·808	·796	·811	·824	·814	·716	·678	·688	·735	·666	·739	·794	·803	·800
15	·829	·874	·870	·871	·877	·878	·878	·892	·837	·839	·839	·833	·814	·823	·856	·867	·864	·857	·837	·891	·906	·899	·881	·881	·862
16	·882	·872	·871	·878	·878	·922	·919	·895	·899	·856	·821	·787	·778	·806	·853	·860	·886	·899	·890	·869	·901	·915	·919	·908	·873
17	·911	·914	·886	·881	·868	·882	·899	·902	·890	·921	·925	·811	·795	·781	·800	·838	·844	·887	·927	·927	·883	·896	·873	·874	·876
18	·868	·893	·904	·907	·906	·944	·956	·956	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	·951	·937	·921	·910	·895	·898	·920	·953	·885	·886	·833	·833	·903	·907	·913	·890	·907
20	·895	·902	·900	·907	·913	·923	·940	·942	·944	·953	·919	·922	·919	·924	·868	·898	·905	·889	·852	·906	·953	·950	·842	·903	·911
21	·894	·910	·932	·931	·939	·939	·936	·940	·930	·918	·903	·911	·904	·877	·862	·848	·806	·823	·831	·791	·901	·886	·875	·930	·892
22	·919	·921	·915	·926	·924	·933	·934	·939	·919	·924	·911	·907	·890	·885	·902	·885	·863	·883	·867	·866	·880	·897	·875	·927	·904
23	·888	·886	·896	·903	·949	·918	·928	·942	·924	·937	·917	·890	·855	·850	·869	·872	·872	·841	·857	·851	·882	·906	·882	·887	·892
24	·865	·859	·902	·903	·892	·882	·881	·909	·925	·911	·929	·922	·919	·897	·894	·876	·810	·811	·802	·850	·895	·946	·915	·894	·887
25	·924	·918	·917	·905	·904	·921	·930	·931	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	·938	·939	·923	·898	·876	·905	·939	·918	·924	·902	·921	·937	·975	·930	·929	·963	·924
27	·960	·952	·944	·959	·928	·914	·900	·878	·931	·928	·904	·899	·885	·870	·895	·894	·897	·924	·873	·863	·777	·936	·996	·969	·911
28	·985	·991	·952	·942	·906	·867	·870	·862	·884	·851	·854	·834	·836	·797	·812	·813	·805	·842	·842	·855	·835	·799	·810	·812	·861
29	·906	·882	·932	·936	·939	·935	·898	·873	·855	·862	·862	·832	·825	·826	·811	·822	·828	·832	·843	·858	·853	·838	·844	·850	·864
30	·844	·911	·922	·895	·919	·923	·860	·860	·845	·847	·864	·867	·843	·855	·841	·860	·874	·910	·926	·905	·910	·878	·855	·894	·879
31	·945	·912	·912	·933	·938	·942	·925	·938	·919	·810	·834	·840	·815	·810	·837	·855	·863	·885	·878	·872	·887	·862	·859	·876	·881
Means	0·847	·867	·877	·880	·890	·889	·889	·886	·882	·868	·860	·844	·831	·823	·825	·822	·807	·807	·800	·805	·814	·817	·826	·838	0·846

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR

HUMIDIY OF THE AIR—SEPTEMBER 1860

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·63	0·83	0·86	0·83	0·86	0·91	0·91	0·91	—	*	—	*	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	0·92	0·91	0·91	0·84	0·81	0·79	0·78	0·78	0·77	0·73	0·67	0·68	0·64	0·61	0·62	0·61	0·784
3	·66	·73	·76	·75	·83	·85	·88	·86	·86	·83	·83	·80	·79	·80	·80	·76	·70	·62	·58	·57	·56	·54	·53	·52	·725
4	·58	·65	·74	·85	·88	·89	·91	·91	·91	·90	·91	·91	·87	·84	·78	·68	·64	·60	·55	·53	·52	·50	·55	·64	·739
5	·72	·75	·75	·77	·82	·80	·80	·88	·89	·86	·87	·88	·89	·84	·79	·76	·71	·64	·57	·56	·54	·54	·55	·67	·744
6	·73	·77	·77	·78	·79	·87	·91	·92	·90	·88	·88	·85	·86	·86	·85	·78	·74	·66	·60	·55	·51	·66	·68	·67	·770
7	·68	·77	·82	·82	·84	·87	·90	·92	·90	·91	·88	·92	·84	·86	·84	·86	·82	·80	·71	·69	·63	·63	·66	·71	·803
8	·75	·78	·79	·80	·84	·86	·84	·86	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	·88	·88	·83	·87	·85	·87	·81	·83	·76	·76	·64	·62	·59	·61	·63	·68	·776
10	·72	·77	·84	·82	·84	·85	·86	·92	·87	·87	·90	·92	·91	·92	·86	·77	·67	·59	·54	·50	·52	·57	·53	·64	·758
11	·71	·76	·79	·81	·83	·82	·83	·84	·84	·86	·90	·90	·89	·88	·84	·74	·61	·56	·50	·49	·61	·58	·72	·67	·749
12	·71	·74	·72	·73	·80	·79	·80	·80	·78	·78	·81	·86	·84	·84	·85	·84	·77	·71	·62	·56	·55	·56	·62	·88	·748
13	·87	·91	·91	·92	·95	·91	·93	·90	·94	·91	·90	·90	·90	·88	·87	·85	·76	·68	·68	·64	·62	·58	·55	·56	·813
14	·57	·73	·78	·83	·83	·85	·87	·89	·93	·91	·90	·87	·87	·80	·76	·72	·66	·64	·60	·56	·52	·52	·52	·49	·734
15	·53	·67	·77	·83	·78	·82	·86	·87	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	·91	·91	·94	·96	·97	·94	·89	·85	·87	·83	·75	·69	·66	·61	·62	·65	·799
17	·72	·76	·86	·88	·90	·90	·96	·89	·85	·86	·86	·91	·89	·83	·79	·78	·74	·72	·70	·65	·64	·63	·57	·59	·787
18	·69	·81	·78	·80	·84	·92	·91	·93	·94	·91	·86	·88	·85	·87	·85	·80	·77	·73	·68	·66	·63	·59	·58	·60	·787
19	·68	·78	·80	·83	·84	·84	·88	·94	·92	·92	·91	·92	·93	·91	·86	·77	·71	·66	·60	·57	·53	·51	·65	·65	·775
20	·64	·75	·83	·84	·84	·83	·86	·87	·89	·91	·88	·90	·92	·91	·92	·78	·67	·66	·56	·54	·51	·64	·61	·62	·766
21	·68	·75	·79	·77	·80	·85	·84	·85	·88	·88	·86	·87	·87	·87	·85	·78	·68	·61	·53	·51	·52	·49	·50	·54	·732
22	·58	·67	·69	·76	·83	·83	·84	·88	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	·90	·87	·87	·86	·85	·87	·85	·80	·77	·65	·66	·64	·64	·63	·60	·74	·762
24	·81	·85	·88	·88	·91	·94	·93	·93	·94	·96	·96	·89	·91	·91	·90	·83	·77	·73	·73	·66	·65	·74	·75	·78	·843
25	·81	·83	·86	·88	·90	·91	·90	·90	·90	·91	·91	·92	·92	·92	·96	·91	·92	·87	·82	·78	·76	·78	·79	·81	·870
26	·86	·86	·91	·83	·88	·91	·94	·94	·95	·93	·91	·91	·91	·88	·90	·85	·80	·78	·74	·70	·68	·64	·71	·75	·840
27	·88	·90	·93	·92	·95	·96	·96	·96	·90	·92	·93	·94	·95	·95	·93	·85	·79	·73	·67	·66	·67	·64	·77	·74	·854
28	·75	·80	·84	·84	·84	·86	·87	·90	·90	·88	·90	·89	·91	·92	·92	·83	·71	·66	·60	·66	·55	·54	·64	·72	·789
29	·71	·79	·80	·82	·84	·88	·87	·88	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	·90	·92	·84	·91	·86	·90	·94	·84	·82	·74	·69	·65	·58	·58	·96	·86	·816
Means	0·707	·776	·811	·824	·850	·869	·882	·894	·896	·891	·886	·891	·882	·874	·856	·802	·745	·694	·640	·613	·593	·597	·636	·672	0·783

TENSION OF VAPOUR—SEPTEMBER 1860

	In.	In.	In.	In.	In.	In.	In.	In.	In.	In. *	In.	In. *	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·853	0·957	0·962	0·905	0·930	0·850	0·845	0·849	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	0·986	0·974	0·963	0·870	0·819	0·800	0·783	0·796	0·821	0·837	0·817	0·831	0·821	0·803	0·814	0·808	0·862
3	·850	·877	·882	·855	·861	·875	·882	·863	·843	·820	·814	·783	·777	·777	·779	·814	·800	·783	·766	·795	·788	·757	·779	·761	·816
4	·805	·837	·880	·853	·882	·915	·946	·926	·914	·890	·878	·864	·830	·803	·769	·735	·736	·763	·735	·758	·739	·770	·783	·861	·828
5	·878	·885	·883	·886	·926	·903	·897	·930	·923	·893	·881	·882	·877	·844	·801	·791	·788	·783	·741	·755	·767	·777	·795	·856	·848
6	·889	·901	·878	·881	·875	·933	·951	·953	·938	·913	·895	·865	·851	·851	·831	·872	·882	·869	·837	·832	·797	·886	·907	·880	·882
7	·876	·941	·950	·944	·964	·971	·973	·991	·963	·951	·917	·953	·870	·876	·847	·864	·840	·859	·853	·869	·865	·875	·891	·906	·909
8	·910	·900	·893	·897	·900	·920	·902	·930	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	·924	·911	·799	·849	·825	·836	·811	·899	·882	·921	·887	·882	·891	·916	·947	·941	·891
10	·949	·942	·959	·921	·931	·966	·962	·991	·909	·892	·882	·878	·866	·861	·851	·852	·815	·798	·753	·751	·796	·886	·842	·906	·882
11	·951	·936	·929	·935	·956	·934	·951	·951	·937	·948	·972	·941	·914	·887	·900	·875	·786	·778	·746	·775	·854	·840	·869	·879	·893
12	·879	·864	·840	·837	·865	·851	·859	·859	·829	·823	·835	·850	·835	·821	·830	·867	·878	·880	·853	·823	·854	·824	·848	·868	·849
13	·869	·861	·865	·874	·838	·811	·801	·761	·813	·816	·807	·807	·801	·785	·798	·853	·850	·814	·845	·837	·853	·858	·829	·855	·829
14	·813	·853	·862	·896	·899	·916	·933	·927	·926	·914	·887	·868	·847	·769	·745	·751	·736	·763	·762	·741	·758	·764	·774	·768	·828
15	·804	·877	·884	·929	·868	·913	·939	·933	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	·877	·872	·887	·905	·895	·870	·852	·819	·830	·840	·832	·839	·870	·814	·826	·860	·868
17	·911	·919	·970	·964	·979	·981	·906	·825	·803	·817	·802	·836	·820	·787	·770	·784	·785	·783	·803	·784	·827	·853	·834	·812	·848
18	·910	·948	·904	·901	·920	·893	·886	·896	·866	·852	·812	·834	·814	·825	·822	·803	·827	·859	·835	·839	·845	·787	·810	·808	·854
19	·857	·902	·886	·898	·884	·870	·911	·928	·900	·893	·877	·874	·864	·866	·841	·821	·814	·785	·762	·754	·756	·758	·865	·887	·852
20	·868	·918	·946	·945	·931	·898	·905	·889	·885	·891	·864	·862	·868	·866	·894	·839	·787	·833	·771	·761	·759	·923	·874	·898	·870
21	·888	·926	·853	·819	·842	·875	·870	·868	·882	·884	·848	·826	·808	·805	·842	·837	·820	·782	·729	·727	·776	·750	·772	·762	·825
22	·806	·845	·856	·902	·936	·929	·931	·948	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	·882	·860	·853	·841	·827	·829	·847	·861	·872	·792	·837	·828	·832	·842	·837	·910	·863
24	·951	·972	·979	·967	·986	1·005	1·001	·987	·989	·995	·991	·906	·896	·896	·902	·892	·896	·918	·899	·876	·855	·935	·941	·960	·941
25	·948	·964	·962	·967	·973	0·976	0·965	·947	·780	·795	·811	·817	·817	·825	·864	·865	·905	·880	·883	·897	·877	·888	·915	·922	·893
26	·929	·936	·945	·808	·834	·854	·873	·873	·875	·869	·809	·803	·810	·807	·851	·875	·890	·902	·897	·909	·907	·895	·867	·834	·869
27	·948	·911	·928	·924	·931	·948	·934	·929	·862	·853	·856	·858	·868	·871	·881	·912	·887	·870	·867	·874	·905	·901	·967	·926	·900
28	·908	·916	·924	·906	·908	·924	·909	·935	·935	·889	·887	·866	·872	·875	·901	·898	·829	·814	·766	·886	·764	·797	·884	·950	·881
29	·891	·920	·913	·921	·936	·973	·959	·948	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	·947	·953	·865	·903	·852	·888	·942	·915	·918	·930	·938	·932	·896	·928	·911	1·041	·926
Means	0·886	·908	·909	·901	·910	·915	·916	·913	·896	·887	·868	·862	·845	·837	·838	·844	·835	·833	·817	·822	·826	·841	·855	·874	0·868

* The numbers in these columns are not observed but interpolated for the sake of obtaining the daily means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR

HUMIDITY OF THE AIR—OCTOBER 1860

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m.* 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·83	0·88	0·87	0·88	0·88	0·92	0·90	0·91	0·94	*0·93	0·90	*0·91	0·89	0·87	0·85	0·77	0·75	0·71	0·69	0·65	0·67	0·73	0·75	0·77	0·827
2	·80	·86	·84	·86	·88	·88	·87	·88	·91	·92	·93	·92	·94	·95	·92	·84	·81	·77	·73	·67	·69	·75	·73	·78	·839
3	·81	·86	·84	·84	·90	·92	·92	·93	·92	·96	·96	·96	·96	·89	·85	·78	·77	·69	·65	·68	·70	·69	·72	·72	·830
4	·77	·82	·84	·87	·86	·91	·88	·90	·90	·91	·94	·95	·96	·95	·94	·86	·74	·71	·69	·70	·70	·68	·68	·69	·827
5	·75	·77	·78	·80	·78	·80	·80	·82	·87	·90	·91	·95	·94	·93	·89	·83	·78	·71	·65	·65	·66	·68	·70	·75	·796
6	·76	·79	·78	·79	·80	·85	·85	·84	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	·91	·89	·89	·90	·91	·88	·88	·82	·80	·72	·63	·66	·74	·68	·71	·88	·807
8	·78	·84	·90	·88	·86	·91	·91	·89	·94	·96	·94	·94	·96	·92	·91	·87	·78	·77	·74	·67	·60	·71	·67	·68	·835
9	·76	·78	·80	·79	·80	·82	·84	·90	·91	·90	·93	·94	·93	·93	·90	·82	·76	·70	·68	·68	·64	·64	·67	·66	·799
10	·69	·71	·74	·78	·78	·87	·88	·87	·87	·87	·90	·89	·79	·90	·87	·80	·76	·73	·69	·71	·72	·71	·70	·71	·789
11	·72	·77	·78	·82	·86	·91	·91	·91	·95	·93	·95	·95	·93	·94	·92	·87	·83	·73	·75	·73	·73	·71	·70	·71	·834
12	·74	·75	·79	·82	·84	·86	·70	·90	·86	·88	·93	·98	·98	·95	·89	·89	·77	·72	·73	·66	·70	·67	·72	·72	·810
13	·73	·78	·83	·84	·86	·87	·89	·91	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	·89	·93	·95	·97	·95	·94	·93	·86	·84	·80	·74	·78	·89	·79	·81	·77	·856
15	·82	·86	·81	·84	·86	·87	·91	·91	·90	·97	·96	·98	·99	·98	·93	·90	·87	·89	·82	·79	·77	·77	·79	·81	·875
16	·80	·85	·88	·89	·94	·95	·94	·96	·97	·95	·95	1·00	·98	·97	·92	·90	·83	·83	·75	·77	·79	·73	·76	·84	·881
17	·79	·90	·90	·92	·92	·94	·95	·94	·95	·97	·94	0·96	·98	·97	·92	·91	·86	·81	·75	·82	·76	·81	·76	·75	·882
18	·77	·81	·86	·86	·88	·92	·94	·98	·95	·98	·99	·98	·99	·98	·98	·96	·95	·92	·79	·77	·75	·78	·73	·78	·887
19	·82	·89	·88	·89	·91	·93	·92	·91	·93	·93	·95	·96	·96	·98	·98	·97	·95	·94	·91	·89	·95	·87	·86	·89	·920
20	·93	·95	·95	·98	·93	·96	·97	·95	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	·98	·95	·95	·95	·96	·97	·96	·96	·93	·96	·97	·96	·96	·98	·97	·97	·958
22	·97	·96	·96	·96	·94	·98	·97	·96	·97	·96	·98	·97	·97	·98	·96	·94	·90	·87	·87	·84	·86	·85	·85	·87	·931
23	·85	·89	·89	·90	·90	·98	·96	·96	·96	·96	·99	·96	·96	·97	·96	·92	·90	·87	·86	·83	·79	·80	·80	·82	·903
24	·84	·85	·88	·91	·92	·93	·92	·93	·97	·95	·96	·96	·97	·97	·94	·86	·86	·85	·80	·79	·73	·73	·75	·77	·877
25	·83	·84	·84	·87	·92	·95	·96	·95	·96	·96	·94	·95	·95	·98	·98	·90	·86	·80	·79	·77	·72	·67	·67	·70	·865
26	·79	·83	·84	·84	·88	·92	·94	·94	·96	·98	·98	·97	·98	·97	·93	·88	·80	·79	·74	·71	·67	·68	·72	·75	·854
27	·77	·80	·80	·82	·91	·90	·90	·91	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	·95	·94	·95	·89	·91	·93	·91	·87	·82	·75	·70	·65	·63	·64	·70	·73	·824
29	·73	·77	·82	·85	·86	·86	·89	·92	·95	·94	·95	·95	·94	·96	·94	·86	·78	·75	·70	·68	·71	·72	·75	·78	·836
30	·80	·86	·86	·87	·88	·90	·92	·95	·96	·98	·96	·98	·97	·97	·95	·90	·84	·78	·69	·64	·56	·58	·62	·54	·832
31	·56	·62	·71	·75	·83	·87	·91	·92	·93	·93	·93	·90	·94	·91	·87	·78	·69	·59	·62	·58	·53	·53	·57	·46	·747
Means	0·786	·826	·840	·856	·873	·903	·902	·917	·932	·938	·945	·949	·948	·946	·921	·871	·823	·784	·746	·731	·727	·725	·736	·752	0·849

TENSION OF VAPOUR—OCTOBER 1860

	In.	In.	In.	In.	In.	In.	In.	In.	In.	*In.	In.	*In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·995	1·009	0·971	0·975	9·969	0·978	0·956	0·951	0·958	0·950	0·916	0·902	0·874	0·832	0·842	0·856	0·901	0·919	0·927	0·926	0·960	0·994	0·995	0·974	0·939
2	·972	0·987	·962	·968	·975	·942	·909	·911	·920	·928	·950	·955	·967	·956	·955	·956	·951	·978	·989	·943	·971	1·057	1·002	1·013	·963
3	1·003	·980	·964	·964	·987	·984	·984	·981	·961	·970	·964	·948	·960	·841	·850	·853	·878	·874	·884	·933	·961	0·952	0·953	0·943	·940
4	0·953	·954	·962	·971	·957	·945	·944	·954	·931	·921	·912	·925	·904	·902	·939	·962	·897	·895	·928	·941	·921	·892	·889	·872	·928
5	·903	·891	·882	·889	·865	·866	·861	·867	·880	·887	·871	·897	·901	·885	·908	·899	·897	·856	·820	·891	·917	·913	·927	·937	·888
6	·923	·915	·887	·888	·891	·918	·888	·870	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	·892	·864	·849	·862	·879	·856	·869	·870	·943	·919	·884	·937	·929	·909	·891	·893	·893
8	·881	·939	·945	·918	·896	·896	·891	·867	·899	·904	·873	·858	·847	·824	·809	·832	·877	·880	·875	·852	·787	·856	·834	·836	·870
9	·888	·855	·860	·834	·836	·839	·850	·863	·848	·835	·842	·822	·801	·801	·827	·837	·840	·834	·845	·868	·834	·833	·845	·835	·840
10	·822	·798	·809	·832	·830	·880	·869	·861	·860	·860	·876	·872	·793	·835	·868	·889	·899	·895	·896	·919	·905	·920	·888	·878	·865
11	·870	·872	·878	·891	·899	·872	·872	·850	·863	·835	·847	·841	·827	·818	·831	·844	·868	·810	·865	·837	·865	·853	·819	·820	·852
12	·831	·811	·840	·860	·876	·879	·836	·887	·851	·884	·920	·909	·909	·897	·872	·915	·862	·846	·895	·813	·853	·839	·862	·863	·867
13	·859	·857	·898	·900	·914	·910	·908	·906	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	·859	·864	·875	·872	·875	·873	·903	·905	·924	·943	·897	·921	·894	·911	·988	·909	·899
15	·923	·940	·875	·890	·897	·886	·915	·891	·873	·901	·885	·904	·919	·906	·909	·919	·903	·930	·925	·923	·918	·944	·892	·927	·908
16	·924	·924	·931	·926	·949	·962	·945	·933	·892	·875	·875	·916	·910	·902	·895	·916	·922	·934	·914	·931	·887	·889	·904	·939	·916
17	·855	·876	·856	·858	·858	·873	·875	·867	·868	·872	·850	·865	·875	·878	·862	·864	·884	·911	·924	·960	·947	·992	·969	·928	·890
18	·890	·902	·918	·911	·918	·929	·945	·935	·875	·903	·905	·866	·870	·861	·850	·800	·807	·825	·776	·808	·845	·887	·845	·854	·872
19	·857	·879	·864	·864	·861	·869	·857	·836	·845	·841	·846	·855	·863	·853	·864	·862	·847	·853	·844	·811	·846	·826	·849	·855	·852
20	·870	·867	·869	·866	·834	·849	·857	·820	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	·797	·800	·803	·793	·800	·812	·809	·821	·836	·855	·818	·817	·801	·780	·777	·781	·822
22	·766	·770	·747	·757	·750	·754	·744	·749	·763	·760	·771	·792	·782	·775	·766	·785	·813	·835	·861	·878	·906	·934	·916	·928	·804
23	·888	·886	·886	·887	·869	·909	·885	·883	·876	·883	·884	·855	·855	·857	·877	·867	·901	·909	·929	·929	·911	·925	·921	·895	·890
24	·883	·880	·888	·914	·899	·903	·893	·882	·890	·875	·877	·877	·872	·864	·864	·856	·890	·918	·909	·911	·885	·863	·885	·870	·885
25	·893	·883	·878	·886	·899	·925	·918	·896	·889	·882	·873	·875	·875	·898	·909	·910	·914	·889	·923	·908	·874	·833	·829	·819	·887
26	·859	·868	·870	·875	·882	·893	·886	·873	·883	·894	·889	·873	·872	·856	·859	·889	·874	·887	·853	·851	·829	·833	·873	·891	·871
27	·861	·873	·867	·851	·875	·862	·856	·866	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	·820	·792	·777	·719	·734	·757	·768	·855	·865	·854	·834	·828	·806	·833	·878	·890	·830
29	·851	·839	·854	·857	·857	·851	·861	·862	·853	·851	·875	·875	·867	·862	·878	·891	·854	·865	·875	·883	·930	·911	·911	·906	·872
30	·901	·917	·908	·903	·901	·888	·877	·875	·855	·852	·829	·839	·844	·850	·853	·881	·889	·868	·822	·775	·707	·737	·762	·667	·842
31	·625	·665	·692	·706	·729	·749	·759	·762	·740	·740	·727	·708	·719	·705	·697	·692	·675	·635	·690	·675	·635	·640	·650	·522	·689
Means	0·879	·883	·880	·883	·884	·889	·883	·878	·868	·868	·865	·862	·859	·850	·857	·868	·874	·875	·874	·877	·871	·880	·880	·868	0·873

*The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR

HUMIDITY OF THE AIR—NOVEMBER 1860

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·48	0·52	0·55	0·58	0·70	0·77	0·81	0·84	0·76	0·77*	0·88	0·88*	0·81	0·86	0·86	0·80	0·63	0·59	0·55	0·48	0·40	0·45	0·38	0·50	0·660
2	·54	·60	·61	·68	·74	·77	·87	·87	·89	·90	·95	·93	·90	·91	·87	·81	·73	·69	·69	·60	·58	·58	·59	·59	·745
3	·57	·64	·68	·71	·75	·79	·85	·90	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	·90	·85	·83	·83	·82	·82	·75	·63	·65	·62	·67	·63	·62	·61	·57	·58	·720
5	·60	·62	·66	·73	·75	·79	·78	·83	·88	·91	·91	·87	·85	·84	·82	·76	·68	·63	·65	·63	·59	·60	·54	·52	·727
6	·57	·57	·60	·81	·83	·80	·78	·85	·81	·82	·81	·82	·84	·87	·81	·71	·66	·50	·46	·45	·40	·40	·41	·46	·668
7	·54	·57	·66	·73	·78	·74	·77	·80	·82	·83	·82	·81	·82	·80	·74	·62	·67	·57	·48	·45	·48	·38	·40	·38	·652
8	·43	·54	·74	·78	·78	·83	·88	·88	·90	·90	·87	·87	·86	·88	·86	·75	·67	·57	·53	·46	·46	·45	·45	·42	·698
9	·47	·57	·71	·74	·79	·83	·84	·85	·86	·86	·86	·93	·90	·90	·84	·71	·62	·50	·48	·45	·45	·46	·54	·62	·699
10	·70	·72	·76	·79	·81	·79	·79	·82	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	·70	·76	·84	·87	·89	·89	·87	·81	·72	·71	·57	·53	·54	·56	·57	·59	·733
12	·62	·68	·74	·74	·75	·73	·71	·74	·78	·82	·85	·82	·82	·82	·77	·75	·74	·72	·68	·64	·61	·64	·66	·67	·729
13	·72	·76	·77	·79	·80	·95	·94	·96	·92	·89	·88	·91	·93	·90	·87	·87	·82	·76	·71	·70	·67	·67	·67	·71	·815
14	·71	·76	·75	·75	·75	·82	·86	·89	·92	·91	·91	·91	·91	·89	·84	·85	·83	·70	·53	·51	·49	·44	·44	·52	·745
15	·60	·68	·72	·83	·82	·85	·91	·89	·82	·81	·80	·83	·85	·81	·75	·71	·67	·65	·47	·42	·38	·39	·41	·48	·690
16	·69	·79	·78	·80	·83	·79	·76	·77	·78	·81	·80	·82	·83	·87	·85	·73	·65	·56	·49	·38	·37	·45	·41	·41	·684
17	·49	·69	·78	·86	·86	·86	·78	·82	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	·92	·93	·93	·90	·91	·90	·88	·80	·70	·64	·60	·58	·48	·55	·63	·63	·755
19	·67	·72	·78	·77	·75	·75	·84	·93	·93	·93	·93	·95	·95	·93	·91	·85	·81	·72	·63	·61	·62	·61	·59	·63	·784
20	·67	·78	·76	·81	·83	·85	·89	·96	·93	·94	·95	·93	·92	·94	·94	·87	·82	·75	·74	·70	·70	·70	·67	·66	·821
21	·75	·76	·77	·78	·79	·80	·81	·84	·85	·90	·93	·95	·98	·97	·91	·85	·81	·79	·72	·69	·67	·64	·70	·73	·808
22	·74	·78	·81	·83	·81	·87	·98	·92	·95	·91	·89	·90	·91	·92	·92	·88	·77	·77	·73	·72	·80	·80	·87	·83	·846
23	·84	·81	·81	·83	·83	·82	·85	·83	·89	·91	·91	·94	·95	·96	·93	·89	·78	·73	·70	·70	·70	·71	·71	·74	·824
24	·75	·80	·81	·80	·83	·83	·85	·90	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	·79	·90	·92	·91	·91	·93	·90	·85	·80	·72	·64	·61	·61	·60	·62	·63	·788
26	·63	·68	·67	·67	·68	·66	·68	·71	·73	·73	·74	·72	·85	·83	·84	·82	·75	·62	·59	·59	·61	·61	·63	·63	·695
27	·67	·68	·68	·67	·72	·69	·68	·70	·75	·73	·72	·71	·73	·75	·75	·68	·66	·63	·63	·61	·62	·64	·66	·65	·684
28	·66	·66	·69	·69	·69	·73	·73	·73	·74	·74	·72	·78	·85	·91	·91	·78	·67	·67	·66	·66	·65	·67	·69	·70	·724
29	·71	·72	·72	·72	·73	·74	·75	·77	·87	·89	·91	·92	·94	·97	·94	·86	·87	·83	·82	·78	·84	·85	·82	·93	·829
30	·94	·96	·96	·95	·93	·87	·90	·85	·90	·89	·89	·92	·93	·94	·93	·92	·82	·78	·73	·72	·79	·73	·76	·77	·866
Means	0·645	·695	·730	·763	·782	·797	·819	·840	·846	·855	·863	·870	·879	·885	·856	·791	·731	·670	·621	·588	·582	·584	·592	·615	0·746

TENSION OF VAPOUR—NOVEMBER 1860

	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.*	In.	In.*	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·516	0·519	0·530	0·541	0·579	0·606	0·613	0·617	0·595	0·588	0·628	0·618	0·571	0·596	0·629	0·652	0·566	0·591	0·589	0·549	0·467	0·524	0·442	0·558	0·570
2	·573	·594	·598	·617	·638	·650	·699	·701	·696	·707	·728	·711	·691	·694	·701	·724	·712	·715	·768	·684	.658	·656	·651	·648	·676
3	·611	·631	·641	·651	·661	·679	·696	·704	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	·704	·670	·649	·633	·615	·621	·585	·546	·628	·645	·737	·713	·691	·693	·645	·628	·653
5	·621	·620	·645	·707	·712	·727	·695	·714	·727	·737	·725	·700	·674	·663	·660	·650	·670	·673	·701	·678	·651	·637	·568	·532	·670
6	·560	·546	·554	·678	·693	·668	·653	·688	·651	·647	·641	·642	·650	·670	·627	·609	·626	·509	·496	·500	·443	·462	·469	·501	·591
7	·548	·560	·612	·641	·660	·612	·624	·645	·642	·646	·620	·612	·600	·581	·564	·532	·613	·566	·506	·479	·528	·428	·448	·427	·571
8	·461	·519	·626	·635	·635	·656	·677	·669	·664	·664	·634	·639	·596	·607	·617	·614	·641	·602	·601	·538	·541	·543	·545	·494	·601
9	·523	·578	·613	·616	·639	·659	·661	·669	·676	·655	·631	·650	·627	·590	·585	·574	·578	·538	·560	·530	·529	·553	·622	·686	·606
10	·742	·727	·736	·751	·754	·727	·702	·711	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	·661	·669	·691	·706	·712	·712	·700	·732	·726	·771	·648	·610	·627	·647	·649	·639	·698
12	·643	·668	·711	·706	·705	·670	·655	·672	·699	·699	·694	·671	·667	·661	·651	·682	·733	·755	·745	·729	·697	·747	·750	·734	·698
13	·756	·772	·776	·787	·795	·847	·830	·827	·846	·819	·801	·824	·816	·780	·773	·803	·823	·794	·786	·785	·747	·764	·745	·747	·793
14	·722	·728	·715	·715	·715	·758	·768	·769	·787	·766	·762	·759	·754	·728	·716	·740	·759	·677	·524	·521	·517	·471	·453	·526	·681
15	·567	·601	·618	·659	·652	·651	·671	·637	·601	·570	·558	·565	·562	·542	·517	·528	·558	·587	·481	·447	·410	·419	·441	·494	·556
16	·624	·647	·598	·591	·598	·570	·545	·525	·524	·528	·522	·526	·530	·521	·536	·504	·507	·507	·550	·421	·415	·505	·468	·470	·530
17	·540	·624	·654	·673	·644	·632	·575	·572	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	·691	·672	·666	·642	·643	·642	·655	·652	·649	·643	·656	·666	·590	·683	·745	·726	·647
19	·722	·745	·768	·738	·711	·671	·704	·757	·747	·740	·736	·746	·733	·705	·710	·743	·785	·753	·700	·713	·764	·747	·701	·712	·731
20	·737	·772	·738	·780	·786	·795	·804	·810	·765	·750	·746	·740	·733	·744	·763	·771	·802	·762	·805	·775	·816	·794	·747	·704	·768
21	·769	·756	·743	·750	·754	·766	·775	·790	·756	·787	·772	·784	·802	·776	·759	·792	·814	·833	·806	·842	·776	·754	·777	·787	·780
22	·778	·797	·817	·819	·787	·800	·804	·804	·833	·782	·769	·779	·782	·797	·825	·848	·827	·823	·808	·822	·808	·853	·817	·810	·808
23	·820	·806	·785	·786	·786	·758	·778	·760	·771	·767	·760	·769	·778	·774	·778	·825	·795	·753	·739	·762	·790	·788	·772	·783	·778
24	·783	·797	·803	·784	·808	·794	·795	·808	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	·707	·732	·728	·717	·712	·718	·724	·745	·747	·717	·680	·652	·662	·652	·652	·652	·732
26	·634	·654	·637	·633	·631	·615	·620	·655	·673	·663	·665	·640	·693	·676	·681	·685	·691	·650	·634	·641	·656	·664	·675	·654	·655
27	·692	·672	·668	·662	·693	·666	·644	·658	·696	·674	·663	·655	·673	·691	·703	·667	·674	·684	·706	·668	·669	·694	·689	·678	·677
28	·669	·653	·656	·657	·651	·682	·682	·674	·668	·660	·639	·676	·689	·708	·710	·704	·665	·686	·704	·704	·701	·707	·720	·722	·683
29	·712	·707	·704	·706	·704	·714	·716	·720	·754	·756	·754	·775	·789	·797	·771	·722	·767	·792	·785	·792	·830	·834	·836	·836	·761
30	·823	·814	·814	·804	·810	·724	·757	·758	·775	·767	·796	·785	·788	·791	·793	·812	·784	·783	·761	·752	·769	·788	·796	·767	·784
Means	0·659	·673	·683	·696	·700	·696	·698	·704	·704	·697	·691	·691	·688	·684	·682	·687	·698	·685	·672	·653	·644	·654	·647	·651	0·681

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR

HUMIDITY OF THE AIR—DECEMBER 1860

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.*	In.	In.*	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	·75	·76	·77	·75	·79	·78	·80	·78	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	·93	·91	·91	·90	·86	·87	·86	·80	·75	·73	·65	·65	·65	·64	·64	·66	0·775
3	·69	·69	·72	·70	·67	·71	·74	·78	·81	·79	·77	·88	·86	·90	·88	·86	·69	·63	·63	·61	·60	·60	·62	·64	·728
4	·70	·74	·71	·72	·75	·74	·73	·78	·80	·83	·87	·86	·87	·86	·85	·82	·72	·62	·61	·60	·58	·59	·58	·58	·730
5	·61	·65	·75	·75	·77	·82	·83	·86	·87	·85	·86	·87	·88	·89	·86	·78	·78	·74	·71	·67	·65	·63	·68	·73	·770
6	·85	·79	·80	·84	·84	·90	·92	·92	·95	·94	·93	·83	·82	·80	·78	·76	·76	·74	·84	·78	·77	·78	·76	·77	·828
7	·75	·76	·76	·80	·80	·86	·91	·91	·92	·87	·86	·87	·86	·83	·79	·81	·75	·75	·73	·71	·69	·71	·70	·71	·796
8	·72	·75	·88	·82	·81	·77	·78	·88	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	·79	·78	·79	·81	·79	·80	·77	·74	·71	·71	·69	·68	·65	·67	·69	·70	·758
10	·72	·74	·74	·74	·76	·76	·77	·75	·71	·76	·86	·83	·85	·70	·71	·70	·62	·59	·57	·60	·62	·59	·58	·58	·702
11	·61	·65	·67	·68	·69	·74	·75	·85	·90	·89	·89	·89	·89	·90	·93	·84	·80	·67	·63	·65	·59	·57	·59	·62	·745
12	·66	·66	·65	·67	·67	·69	·70	·71	·73	·72	·78	·85	·82	·88	·89	·82	·79	·64	·65	·60	·57	·58	·63	·64	·708
13	·66	·67	·67	·71	·74	·76	·77	·77	·80	·88	·87	·86	·86	·89	·86	·84	·75	·68	·59	·60	·62	·64	·67	·69	·744
14	·68	·72	·74	·74	·79	·85	·83	·87	·87	·89	·88	·88	·84	·88	·89	·82	·80	·80	·71	·68	·64	·67	·71	·71	·787
15	·72	·72	·70	·69	·69	·69	·68	·66	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	·65	·72	·71	·72	·73	·71	·72	·69	·66	·63	·62	·62	·59	·62	·62	·66	·676
17	·66	·64	·65	·62	·65	·67	·69	·70	·69	·70	·69	·75	·75	·88	·91	·88	·69	·61	·63	·62	·66	·60	·60	·63	·690
18	·66	·69	·69	·70	·69	·69	·71	·73	·75	·73	·73	·73	·73	·73	·75	·73	·73	·68	·65	·66	·67	·68	·68	·67	·702
19	·69	·71	·73	·71	·71	·72	·73	·75	·76	·76	·76	·76	·73	·78	·87	·83	·80	·74	·62	·63	·60	·61	·64	·66	·721
20	·68	·77	·73	·75	·81	·83	·83	·89	·93	·96	·96	·94	·92	·91	·91	·86	·75	·74	·64	·65	·63	·65	·65	·67	·794
21	·72	·75	·77	·74	·76	·82	·85	·80	·78	·86	·83	·93	·91	·91	·92	·86	·81	·68	·69	·67	·63	·59	·61	·66	·773
22	·68	·69	·68	·67	·72	·71	·72	·72	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	·89	·89	·86	·89	·91	·90	·90	·82	·81	·75	·70	·68	·70	·68	·67	·74	·766
24	·73	·75	·78	·78	·81	·82	·86	·89	·92	·92	·92	·92	·92	·92	·90	·85	·82	·79	·76	·74	·70	·71	·73	·72	·819
25	·72	·76	·81	·83	·86	·91	·93	·91	·93	·94	·95	·93	·92	·94	·93	·82	·74	·72	·68	·70	·68	·72	·70	·71	·823
26	·73	·78	·73	·71	·71	·72	·70	·70	·70	·75	·80	·89	·88	·89	·89	·80	·76	·62	·61	·59	·66	·68	·68	·67	·735
27	·67	·67	·71	·68	·71	·70	·72	·74	·76	·81	·82	·84	·86	·87	·88	·87	·79	·74	·68	·62	·62	·63	·65	·66	·737
28	·70	·70	·71	·66	·74	·71	·74	·75	·71	·72	·72	·73	·73	·87	·90	·82	·73	·70	·66	·63	·63	·63	·66	·72	·720
29	·71	·71	·73	·74	·75	·77	·76	·77	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	·74	·78	·79	·75	·77	·77	·79	·73	·71	·69	·66	·64	·64	·64	·69	·67	·725
31	·71	·71	·70	·73	·72	·71	·74	·74	·74	·73	·78	·89	·89	·89	·89	·82	·72	·64	·64	·62	·65	·62	·65	·64	·732
Means	0·699	·717	·730	·728	·747	·763	·777	·793	·809	·822	·830	·846	·840	·853	·855	·807	·748	·693	·663	·650	·642	·643	·657	·673	0·749

TENSION OF VAPOUR—DECEMBER 1860

1	0·737	0·716	0·705	0·681	0·687	0·676	0·704	0·700	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	0·690	0·665	0·670	0·664	0·633	0·630	0·633	0·643	0·658	0·709	0·666	0·678	0·682	0·680	0·640	0·664	0·675
3	·667	·639	·663	·649	·619	·632	·645	·670	·706	·703	·674	·690	·680	·687	·669	·703	·671	·624	·648	·643	·624	·628	·642	·651	·659
4	·682	·697	·660	·665	·696	·684	·660	·676	·671	·685	·694	·678	·681	·657	·651	·664	·658	·622	·644	·627	·604	·608	·600	·584	·656
5	·589	·612	·669	·648	·654	·686	·688	·697	·683	·668	·655	·662	·652	·639	·632	·629	·676	·704	·706	·690	·654	·644	·672	·715	·664
6	·745	·731	·732	·771	·826	·791	·785	·787	·786	·780	·773	·773	·769	·750	·737	·738	·764	·772	·842	·820	·787	·787	·783	·765	·775
7	·745	·741	·736	·777	·757	·759	·760	·760	·808	·803	·806	·803	·788	·760	·749	·772	·762	·775	·773	·761	·755	·742	·726	·724	·764
8	·711	·731	·803	·762	·755	·743	·753	·773	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	·739	·725	·728	·726	·703	·704	·698	·707	·703	·720	·706	·690	·682	·702	·717	·703	·724
10	·708	·705	·697	·694	·703	·688	·684	·667	·640	·647	·682	·645	·661	·607	·609	·633	·604	·589	·600	·632	·652	·604	·592	·570	·646
11	·593	·608	·615	·609	·614	·640	·644	·674	·679	·661	·662	·658	·640	·642	·666	·666	·692	·660	·639	·669	·612	·577	·594	·605	·638
12	·616	·607	·591	·601	·600	·602	·607	·610	·623	·621	·637	·663	·644	·658	·662	·664	·682	·621	·652	·621	·602	·596	·616	·618	·626
13	·623	·618	·608	·629	·646	·665	·660	·660	·663	·681	·662	·651	·643	·658	·633	·647	·667	·661	·604	·619	·646	·648	·684	·696	·649
14	·661	·665	·666	·665	·678	·711	·690	·716	·699	·704	·681	·676	·647	·659	·666	·660	·704	·729	·703	·668	·653	·666	·725	·697	·683
15	·679	·670	·660	·645	·638	·649	·630	·614	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	·570	·626	·609	·624	·636	·609	·627	·623	·615	·600	·610	·621	·598	·663	·614	·634	·628
17	·617	·580	·586	·552	·568	·587	·605	·607	·623	·615	·607	·643	·641	·664	·665	·681	·667	·620	·649	·631	·684	·595	·605	·625	·622
18	·626	·635	·635	·650	·631	·637	·655	·660	·667	·653	·642	·637	·634	·639	·663	·671	·713	·664	·657	·679	·665	·674	·665	·658	·655
19	·658	·665	·674	·631	·627	·643	·658	·662	·669	·670	·669	·658	·636	·660	·694	·688	·729	·735	·647	·668	·639	·636	·663	·672	·665
20	·671	·720	·664	·675	·704	·714	·700	·704	·718	·725	·720	·695	·672	·665	·689	·696	·683	·714	·650	·683	·632	·675	·657	·671	·687
21	·701	·692	·684	·665	·669	·686	·696	·675	·658	·673	·684	·675	·655	·666	·680	·692	·707	·668	·715	·679	·624	·596	·614	·643	·671
22	·637	·625	·608	·599	·624	·620	·616	·613	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	·704	·684	·655	·650	·649	·642	·659	·648	·684	·705	·700	·691	·695	·691	·679	·700	·657
24	·667	·667	·677	·671	·672	·667	·676	·685	·685	·680	·672	·673	·664	·658	·652	·672	·706	·728	·764	·732	·721	·712	·712	·698	·688
25	·684	·693	·712	·719	·729	·734	·732	·726	·735	·739	·745	·753	·734	·744	·745	·732	·724	·707	·691	·705	·691	·705	·695	·689	·719
26	·684	·700	·639	·609	·605	·598	·588	·577	·572	·581	·594	·617	·619	·625	·616	·636	·631	·584	·598	·589	·656	·668	·670	·637	·621
27	·619	·599	·615	·586	·605	·590	·609	·619	·624	·599	·601	·604	·601	·598	·607	·653	·672	·710	·664	·614	·626	·616	·637	·652	·622
28	·647	·629	·635	·592	·683	·626	·641	·644	·610	·618	·614	·622	·617	·648	·664	·664	·683	·674	·650	·629	·639	·658	·673	·705	·644
29	·673	·651	·653	·650	·643	·660	·645	·651	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	·677	·680	·678	·643	·660	·662	·679	·663	·673	·672	·658	·641	·641	·631	·658	·635	·657
31	·655	·636	·625	·637	·630	·615	·635	·631	·624	·617	·608	·644	·640	·631	·632	·640	·639	·609	·609	·604	·644	·608	·633	·609	·627
Means	0·665	·663	·662	·655	·664	·666	·668	·671	·674	·673	·670	·670	·661	·660	·665	·672	·683	·676	·671	·665	·658	·654	·660	·662	0·666

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

DIRECTION AND FORCE OF THE WIND

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction
Madras Mean Time	h.m. 4.41	h.m. 5.41	h.m. 6.41	h.m. 7.41	h.m. 8.41	h.m. 9.41	h.m. 10.41	h.m. 11.41	h.m. 12.41	h.m. 13.41	h.m. 14.41	h.m. 15.41	h.m. 16.41	h.m. 17.41	h.m. 18.41	h.m. 19.41	h.m. 20.41	h.m. 21.41	h.m. 22.41	h.m. 23.41	h.m. 0.41	h.m. 1.41	h.m. 2.41	h.m. 3.41		
DIRECTION OF THE WIND—JULY 1860																										
	parts	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	o	
1																										
2																										
3													Instrument under Repair													
4																										
5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	28	28	27	26	28		?
6	26	25	24	20	22	22	23	24	25	25	25	27	28	28	28	28	28	29	28	28	28	29	26	18	288	W N W
7	18	17	15	17	20	21	22	22	23	27	27	27	27	28	28	28	28	28	27	27	27	24	17	18	264	W by S
8	18	18	19	20	20	21	21	21	21	23	25	25	25	27	28	28	28	28	23	22	21	20	11	11	246	W S W
9	12	15	14	14	13	13	14	14	14	31	31	31	26	22	21	21	23	23	30	30	31	28	29	11	240	SW by W
10	13	16	17	18	18	20	20	21	25	25	23	22	22	22	22	22	23	25	27	26	26	26	25	25	248	W S W
11	18	19	20	20	20	20	21	21	21	22	26	26	27	26	27	27	28	29	28	30	30	28	29	16	271	W
12	16	17	21	21	21	24	24	24	0	0	27	27	28	28	27	27	28	28	29	29	29	29	31	31	295	W N W
13	26	25	27	22	22	26	29	30	29	27	27	27	26	26	28	28	28	29	29	29	29	29	29	29	307	NW by W
14	13	13	15	15	19	20	22	22	24	27	28	5	5	5	6	10	10	5	28	27	25	25	12	17	187	S by W
15	4	10	10	23	22	22	24	24	24	24	24	24	24	24	24	27	27	27	28	30	30	30	29	29	264	W
16	30	14	16	15	17	17	18	21	24	0	0	0	0	24	25	25	26	27	29	28	28	29	30	30	282	W by N
17	29	26	12	11	24	26	21	23	25	25	23	23	23	26	27	28	28	29	30	31	31	13	13	13	262	W by S
18	18	17	18	20	21	21	21	22	23	22	23	22	21	22	22	28	29	30	28	28	28	27	16	17	255	W by S
19	16	16	15	15	18	24	21	21	28	31	0	0	0	0	0	0	0	28	31	3	1	1	0	13	297	W N W
20	13	13	16	16	17	20	21	21	24	25	24	24	28	28	28	28	28	29	28	30	0	7	13	13	247	W S W
21	13	15	24	18	18	18	18	18	22	22	25	26	27	27	27	27	24	28	27	28	24	27	27	27	261	W by S
22	18	17	17	18	27	23	22	26	25	24	22	24	24	26	27	29	30	29	28	28	26	25	24	20	271	W
23	20	20	21	22	23	23	23	23	24	24	24	24	Board stopped.					—	—	—	—	—	—	—	—	?
24		Board stopped.				—	—	—	—	—	—	—	—	—	—	—	—	—	—	29	29	30	10	12	13	?
25	16	17	18	20	21	21	26	26	26	27	23	23	22	22	21	21	21	23	28	29	29	28	27	24	262	W by S
26	24	21	21	21	21	21	22	22	24	24	24	26	27	27	28	28	26	26	20	20	20	20	18	17	257	W by S
27	16	16	12	12	12	13	10	10	13	13	10	8	13	19	21	20	20	20	28	27	27	27	27	25	196	S by W
28	25	26	25	26	28	28	28	28	28	28	28	28	28	28	28	28	28	27	26	27	27	28	27	23	305	NW by W
29	26	28	28	28	27	28	28	28	28	28	28	28	28	28	28	28	28	28	21	21	21	20	20	20	292	W N W
30	19	17	14	14	15	16	17	17	17	20	21	21	22	22	22	23	22	22	28	28	27	27	28	29	238	SW by W
31	12	17	18	21	21	21	23	24	24	25	25	25	28	28	28	28	28	29	28	28	28	27	26	25	275	W
	13	18	18	20	20	20	20	22	22	22	22	22	23	21	21	24	26	28	28	28	28	27	26	26	255	W by S
Hourly Means	o 209 SWbS	o 205 SSW	o 206 SSW	o 211 SWbS	o 228 SW	o 238 SWbW	o 242 WSW	o 249 WSW	o 252 WSW	o 256 WbS	o 267 W	o 258 WbS	o 263 WbS	o 277 WbN	o 281 WbN	o 289 WNW	o 291 WNW	o 294 WNW	o 309 NWbW	o 311 NW	o 321 NWbN	o 293 WNW	o 268 W	o 246 WSW	o 262	W by S
No. of Observations with the wind in each quarter NW	7	5	5	2	4	6	6	9	16	17	16	16	15	16	16	18	18	20	23	23	22	20	17	12	329	Obs. NW
SW	11	15	13	17	19	18	18	15	7	6	7	6	6	7	7	5	5	4	3	3	3	3	4	9	211	„ SW
SE	7	6	8	7	3	2	2	2	2	1	1	1	1	0	0	1	1	0	0	0	0	2	5	6	58	„ SE
NE	1	0	0	0	0	0	0	0	1	2	2	3	3	2	2	1	1	1	0	1	2	2	1	0	25	„ NE

FORCE OF THE WIND—JULY 1860

	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	
1																										
2																										
3													Instrument under Repair													
4																										
5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3·10	1·20	1·10	0·70	0·59		?
6	0·35	0·30	0·20	0·25	0·35	1·15	0·30	0·00	0·00	0·00	0·00	0·00	0·60	1·00	1·25	1·55	1·45	1·10	1·75	1·25	·15	0·45	·30	·48	0·63	
7	·47	·20	·10	·10	·55	0·10	·20	·05	·00	·20	·35	·10	·15	0·17	0·22	0·45	2·00	·75	2·15	·35	·15	·65	1·25	1·35	·63	
8	1·35	·55	·35	1·45	·45	·20	·00	·00	·00	·00	·00	·02	·05	·08	·00	·00	0·00	0·00	1·20	0·80	0·65	·35	0·20	0·15	·33	
9	0·10	·70	·00	0·00	·10	·12	·10	·00	·00	·00	·00	·00	·00	·00	·00	·10	·65	·48	0·70	1·15	1·00	·85	·25	·10	·27	
10	·05	·15	·07	·00	·00	·05	·08	·00	·45	·35	·25	·32	·65	·60	·50	·20	·10	·08	·10	0·30	0·32	·42	·15	·10	·22	
11	·65	·45	·30	·20	·10	·17	·20	·15	·10	·08	·30	·25	·08	·20	·15	·70	·85	1·30	2·00	1·70	1·60	·50	·15	·30	·52	
12	·00	·00	·10	·10	·12	·95	·00	·00	·00	·00	·15	·10	·12	·08	·06	·12	·35	0·60	0·70	0·85	0·70	1·00	·85	·30	·30	
13	·35	·00	·45	·20	·00	·30	1·70	·60	·10	·00	·05	·15	·30	·20	·10	·15	·10	·40	·30	·45	·35	0·30	·32	·20	·29	
14	·10	·00	·00	·15	·00	·00	0·15	·00	·00	·00	·00	·10	·00	·00	·00	·10	·10	·10	·20	·15	·14	·13	·10	·00	·06	
15	·05	·00	·00	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·20	1·35	1·15	·55	1·45	1·50	1·70	1·35	·45	·41	
16	·20	·15	·17	·00	·20	·05	·30	·10	·12	·00	·00	·00	·00	·00	·08	·12	0·15	·30	·95	·10	·00	0·80	0·55	·20	·31	
17	·00	·00	·00	·00	·00	·00	·00	·00	·60	·15	·10	·00	·00	·00	·15	·17	·45	0·35	·35	0·20	0·15	·13	·15	·10	·13	
18	·15	·12	·08	·07	·00	·00	·00	·00	·15	·10	·11	·00	·00	·00	·00	·02	·20	·22	·65	·50	·45	·35	·65	·75	·19	
19	1·20	1·10	·45	·00	·00	·00	·00	·00	·35	·00	·00	·00	·00	·00	·00	·00	·00	·00	·15	·10	·08	·06	·04	·15	·15	
20	0·20	0·22	·15	·00	·00	·00	·00	·15	·00	4·30	·00	·00	·00	·00	·00	·00	·35	·85	·35	·65	·40	·20	·25	·15	·34	
21	·13	·12	·10	·00	·00	·00	·00	·00	·00	0·75	2·20	·50	·55	·00	·00	·00	·10	·12	·20	·15	·10	·08	·10	·00	·22	
22	·07	·35	·20	·15	·37	·20	·00	·27	·50	·95	0·50	·45	1·35	·28	·15	·05	·10	·08	·10	·03	·05	·12	·12	·60	·29	
23	·75	·35	·37	·18	·12	·04	·06	·10	·25	·35	·52	·15	Board stopped.					—	—	—	—	—	—	—	?	
24		Board stopped.				—	—	—	—	—	—	—	—	—	—	—	—	—	—	·25	·27	·40	·37	·34	·20	?
25	·47	·60	·25	·45	1·00	·75	·00	·00	·15	·12	·20	·10	0·15	·17	·10	·00	·00	·00	·25	·20	·80	·65	·60	·80	·33	
26	·70	·90	·45	1·00	0·65	·50	·15	·17	·12	·00	·00	·10	·35	·00	·25	·23	·20	·00	1·70	1·65	1·90	1·85	1·80	1·00	·65	
27	1·00	·45	·00	0·25	·55	·15	·00	·00	·15	·00	·00	·00	·00	·00	·00	·00	·00	·00	0·15	0·12	0·45	·22	·15	·00	·28	
28	0·35	·20	·17	·15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·15	·35	·65	0·75	0·35	0·25	·14	
29	·27	·65	·80	·10	·08	·04	·00	·06	·20	·35	·15	·14	·00	·10	·12	·13	·60	2·25	1·75	2·00	1·50	1·00	·45	·35	·55	
30	·40	·10	·35	·33	·40	·45	·20	·15	·05	·20	·25	·37	·30	·55	·38	1·00	1·55	1·60	·65	1·00	·25	·00	1·25	·25	·63	
31	·10	·13	·10	1·35	1·90	2·00	1·45	1·60	1·00	·15	·05	·02	·15	·40	·30	0·35	0·32	0·30	·25	·15	·10	0·40	0·35	·12	·67	
	·10	·12	·00	0·10	0·30	0·60	0·50	0·45	0·08	·00	·00	·00	·00	·00	·00	·00	·30	·50	0·80	0·65	0·72	·80	·50	·35	·29	
Means	0·35	·30	·19	·26	·28	·31	·21	·15	·16	·31	·19	·11	·19	·15	·15	·23	·45	·58	·80	·76	·77	·63	·53	·38	0·36	

The force is given in pounds and decimals of a pound on one square foot. The entry '00 denotes calms or pressures too small to overcome the inertia of the instrument.

DIRECTION AND FORCE OF THE WIND

DIRECTION OF THE WIND—AUGUST 1860

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction
Madras Mean Time	h.m. 4.41	h.m. 5.41	h.m. 6.41	h.m. 7.41	h.m. 8.41	h.m. 9.41	h.m. 10.41	h.m. 11.41	h.m. 12.41	h.m. 13.41	h.m. 14.41	h.m. 15.41	h.m. 16.41	h.m. 17.41	h.m. 18.41	h.m. 19.41	h.m. 20.41	h.m. 21.41	h.m. 22.41	h.m. 23.41	h.m. 0.41	h.m. 1.41	h.m. 2.41	h.m. 3.41		
	parts	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	o	
1	25	4	19	19	20	20	20	21	21	22	23	23	23	23	23	28	28	27	28	28	28	28	28	26	275	W
2	25	25	24	23	22	21	22	23	23	24	26	27	27	27	27	27	27	28	28	28	28	29	26	26	287	W N W
3	24	24	23	22	23	22	21	24	27	27	28	28	28	28	27	28	29	29	28	28	27	28	25	25	292	W N W
4	25	24	20	21	21	21	21	21	21	23	28	28	28	28	28	28	28	28	28	28	27	27	29	31	287	W N W
5	14	15	16	20	21	21	22	22	22	23	24	27	27	Board Stopped				—	29	29	29	28	28	5	?	
6	8	8	23	25	20	20	20	20	22	23	26	26	26	26	Board Stopped			—	—	—	—	—	—	—	?	
7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	28	28	28	27	18	18	?	
8	19	19	20	20	20	20	22	22	22	22	22	22	22	22	Board Stopped				28	29	28	27	16	18	?	
9	19	19	19	19	19	19	20	21	23	23	22	22	22	22	22	28	31	31	0	13	13	13	16	16	236	sw by w
10	17	17	17	18	21	21	23	24	24	24	25	1	3	3	3	23	26	27	28	27	29	10	12	12	264	w by s
11	17	17	20	19	3	15	16	16	16	14	14	14	14	14	14	14	14	15	24	24	25	25	27	8	202	s s w
12	6	15	18	18	19	19	19	20	20	20	20	20	20	22	25	25	24	26	28	28	28	29	29	28	262	w by s
13	28	10	12	20	20	28	28	28	25	22	21	21	21	21	21	21	25	27	27	28	27	27	26	27	263	w by s
14	16	16	17	18	18	21	20	20	30	30	30	30	30	30	30	28	28	29	31	30	29	12	13	14	267	W
15	16	16	17	17	17	20	21	21	26	26	26	28	1	1	1	1	1	29	29	24	12	15	16	16	261	w by s
16	17	17	17	17	20	20	21	21	24	26	24	24	21	21	21	22	22	22	23	21	22	22	22	22	239	sw by w
17	20	20	20	20	20	20	20	20	20	22	23	27	25	21	21	21	21	21	27	18	16	18	18	16	232	sw by w
18	17	17	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	16	16	15	16	16	16	15	195	s by w
19	15	16	15	15	16	16	16	16	15	15	15	15	15	15	16	18	23	22	21	21	18	17	17	18	190	s by w
20	18	18	18	19	19	19	19	19	19	19	19	19	19	19	19	20	21	22	21	20	17	18	18	18	214	sw by s
21	17	17	17	17	17	17	18	20	20	20	22	22	22	22	22	22	21	21	23	22	20	18	18	18	222	s w
22	18	18	19	19	19	19	20	21	22	22	22	22	22	22	22	22	2	12	12	11	12	14	14	17	213	sw by s
23	16	17	17	17	17	17	17	17	18	18	18	26	26	26	23	23	25	28	0	15	16	16	16	18	225	s w
24	18	18	18	18	18	18	20	21	21	21	21	21	21	22	23	27	28	27	29	22	14	13	14	14	228	s w
25	15	15	16	17	20	20	19	19	19	19	20	20	20	29	31	31	31	31	30	13	18	17	17	18	237	sw by w
26	18	20	20	20	20	20	20	20	20	20	20	23	23	23	23	23	23	23	20	20	20	23	24	27	240	sw by w
27	19	19	19	19	19	19	19	19	19	19	19	21	25	25	25	25	25	25	25	24	16	30	17	17	239	sw by w
28	17	19	19	19	20	24	24	24	24	27	27	27	27	28	27	27	27	27	28	28	28	27	24	18	275	W
29	18	18	19	0	2	15	24	22	30	29	29	29	29	29	29	29	30	30	26	31	28	28	28	28	302	N W by W
30	25	20	19	20	20	20	30	24	25	21	21	23	28	28	28	27	26	26	25	26	28	27	28	17	273	W
31	18	19	20	20	20	20	20	20	21	27	24	24	24	24	24	27	28	28	28	27	26	28	27	26	267	W
Hourly Means	o 204 ssw	o 194 sbw	o 208 ssw	o 208 ssw	o 206 ssw	o 221 sw	o 232 swbw	o 234 swbw	o 246 wsw	o 250 wsw	o 254 wbs	o 266 w	o 270 w	o 273 w	o 275 w	o 277 wbN	o 277 wbN	o 282 wbN	o 281 wbN	o 265 w	o 252 wsw	o 245 wsw	o 235 swbw	o 216 swbs	o 248	W S W
No. of Observations with the wind in each quarter NW	6	3	1	1	0	2	4	5	9	9	12	13	13	12	11	14	17	18	21	18	16	15	13	9	242	Obs. N W
SW	19	21	27	27	28	26	26	25	20	19	16	14	13	13	13	11	7	7	6	7	10	9	13	15	392	„ S W
S E	4	5	2	1	0	2	0	0	1	2	2	2	2	2	1	1	1	2	1	5	4	6	4	5	55	„ S E
NE	1	1	0	1	2	0	0	0	0	0	0	1	2	2	2	1	2	0	2	0	0	0	0	1	18	„ N E

FORCE OF THE WIND—AUGUST 1860

	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.
1	0·10	0·05	0·02	0·00	0·45	0·40	0·30	0·10	0·08	0·06	0·02	0·00	0·00	0·00	0·00	0·02	0·20	1·25	1·80	1·25	1·20	0·70	0·47	0·45	0·37
2	·25	·08	·07	·00	·00	·20	·15	·10	·00	·02	·15	·70	1·00	·65	·35	·65	·80	3·25	2·15	·75	·70	1·25	1·20	·75	·72
3	1·30	·20	·05	·00	·17	·00	·10	·10	·55	1·00	1·25	·80	0·95	·45	·20	·22	1·75	2·22	·60	2·70	2·10	·70	·25	·75	·93
4	0·25	·20	·10	·30	·10	·00	·00	·00	0·00	0·00	0·00	·00	·00	·00	·00	·45	·35	1·60	1·20	1·55	0·85	0·95	0·20	·08	·38
5	·00	·00	·00	·20	·15	·50	·40	·50	·05	·10	·02	·25	·70	Board Stopped				—	·40	·30	1·00	·70	·85	·15	?
6	·08	·00	1·75	·00	·00	·00	·00	·05	·08	·00	·08	1·50	·70	·40	Board Stopped			—	—	—	—	—	—	—	?
7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2·30	2·50	1·25	·60	·50	·50	?
8	·60	·90	·15	1·35	1·30	·70	·20	·05	·00	·00	·00	0·00	·00	·00	Board Stopped				1·20	0·70	0·80	·60	·45	·30	?
9	·37	·25	0·18	0·40	0·20	·18	·17	·12	·00	·00	·00	·02	·00	·00	·00	·00	0·02	0·02	0·10	·15	·17	·20	·22	·20	·12
10	·30	·20	·05	·02	·15	·30	·50	1·20	·52	1·35	·65	·20	·05	·00	·00	·00	·00	·00	·08	·10	·15	·16	·20	·22	·27
11	·10	·13	·15	·00	·00	·00	·08	0·00	·02	0·06	·00	·00	·00	·00	·00	·00	·02	·01	·37	·55	·32	·30	·15	·13	·10
12	·04	·12	·03	·10	·00	·00	·13	·00	·00	·00	·00	·00	·00	·05	·07	·10	·25	·40	·55	·62	·27	·30	·55	·20	·16
13	·00	·00	·00	·15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·25	·35	·37	·30	·27	·45	·25	·10
14	·18	·15	·00	·00	·00	·00	·00	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·17	·08	·10	·06	·07	·25	·35	·06
15	·55	·47	·25	·00	·00	·00	·08	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·25	·10	·07
16	·27	·08	·00	·00	·00	·00	·00	·00	·20	·10	·15	·02	·15	·10	·05	·00	·00	·00	·00	·05	·00	·00	·00	·00	·05
17	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·70	·00	·00	·00	·00	·00	·00	·00	·02	·10	·15	·02	·00	·04
18	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·60	·03
19	·25	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·08	·30	·25	·04
20	·75	·30	·10	·07	·02	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·07	·10	·05	·12	·13	·25	·35	·10
21	·40	·15	·10	·00	·00	·00	·02	·05	·10	·00	·00	·00	·00	·00	·00	·00	·03	·00	·10	·27	·05	·07	·45	·65	·10
22	·55	·30	·15	·02	·00	·07	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·35	·55	·30	·00	·10
23	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·07	·15	·50	·35	·02	·05
24	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·04	·17	·10	·02
25	·25	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·15	·08	·09	·13	·03
26	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
27	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	1·20	·00	·00	·05
28	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·00	·00	·00	·01	·01	·20	·50	·35	·30	·03	·00	0·00	·03	·04	·06
29	·40	·55	·42	·08	·00	·00	·08	·00	·20	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·35	·15	·00	·10
30	·10	·05	·20	·25	·15	·10	·80	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·07
31	·55	·08	·00	·00	·00	·00	·00	·00	.02	·15	·00	·00	·00	·00	·00	·00	·08	·10	·70	·55	·50	·08	·10	·02	·12
Means	0·26	·13	·07	·05	·05	·05	·09	·07	·06	·10	·08	·09	·08	·05	·03	·06	·19	·36	·39	·38	·32	·34	·28	·21	0·16

The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome the inertia of the instrument.

DIRECTION AND FORCE OF THE WIND

DIRECTION OF THE WIND—SEPTEMBER 1860

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction
Madras Mean Time	h.m. 4.41	h.m. 5.41	h.m. 6.41	h.m. 7.41	h.m. 8.41	h.m. 9.41	h.m. 10.41	h.m. 11.41	h.m. 12.41	h.m. 13.41	h.m. 14.41	h.m. 15.41	h.m. 16.41	h.m. 17.41	h.m. 18.41	h.m. 19.41	h.m. 20.41	h.m. 21.41	h.m. 22.41	h.m. 23.41	h.m. 0.41	h.m. 1.41	h.m. 2.41	h.m. 3.41		
	parts	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	o	
1	28	31	18	13	13	31	31	19	19	19	19	19	21	25	25	26	27	29	28	29	26	26	27	27	270	W
2	31	31	31	5	5	8	8	8	8	21	24	25	25	26	27	25	25	25	27	26	26	27	27	27	333	N N W
3	24	22	22	22	25	24	24	24	26	26	27	28	28	28	28	27	24	26	28	28	28	28	27	26	291	W N W
4	26	25	19	29	19	19	21	21	21	21	21	21	21	26	28	28	28	28	28	28	28	26	24	18	269	W
5	18	18	19	19	20	20	21	20	20	20	20	20	20	25	26	27	27	27	28	28	28	28	24	18	254	W by S
6	18	18	19	19	19	20	20	20	21	22	22	21	21	21	21	21	21	22	28	26	28	17	17	17	234	SW by W
7	17	14	14	15	16	22	22	22	22	22	22	22	22	22	21	23	23	23	27	24	21	22	22	18	233	SW by W
8	18	19	20	19	19	20	20	20	21	22	23	23	21	21	21	21	22	24	24	24	25	23	20	18	238	SW by W
9	18	18	19	19	20	20	20	21	21	24	26	25	25	24	22	22	22	26	24	24	23	20	17	17	242	W S W
10	18	18	19	19	19	20	21	21	22	25	25	25	25	24	23	23	26	28	30	31	0	16	15	13	252	W S W
11	15	16	17	18	18	18	18	18	21	21	21	22	23	23	23	28	29	29	29	31	10	10	10	13	225	S W
12	16	23	21	21	24	24	24	21	21	21	21	22	22	21	22	22	24	25	26	27	27	28	28	23	260	W by S
13	5	4	4	4	30	22	22	22	22	22	22	22	23	23	24	23	26	27	29	29	28	28	28	28	302	NW by W
14	28	12	12	14	21	21	22	21	21	21	21	27	28	29	29	30	29	28	28	28	28	28	29	27	273	W
15	25	20	20	20	20	20	20	20	28	3	3	3	26	26	26	26	27	27	26	30	30	28	25	27	292	W N W
16	27	27	27	27	27	27	28	20	20	20	20	20	20	20	24	27	27	27	26	27	28	28	29	29	282	W by N
17	29	29	29	20	20	20	26	28	28	28	24	25	24	24	24	27	27	27	28	29	29	29	28	31	297	W N W
18	29	13	13	13	13	22	18	25	0	0	28	27	27	27	27	27	27	27	28	27	28	28	26	25	276	W by N
19	25	25	19	19	19	20	19	19	19	19	19	19	19	20	24	28	27	28	29	28	29	1	12	13	248	W S W
20	12	15	15	16	26	20	20	26	21	21	22	23	23	23	23	28	29	30	0	2	3	15	15	14	247	W S W
21	13	16	20	20	20	20	20	20	21	21	23	23	24	24	24	27	30	2	1	3	3	3	4	9	273	W
22	9	9	9	9	20	20	20	20	23	24	24	24	24	25	25	23	24	26	27	23	28	15	28	28	238	SW by W
23	28	28	28	28	28	28	24	24	24	24	24	24	24	24	25	25	30	1	31	31	0	0	0	13	302	NW by W
24	14	14	13	13	13	13	17	17	17	17	17	9	9	28	2	25	25	26	28	28	0	12	12	13	209	SW by S
25	14	14	18	18	18	20	20	3	31	26	26	26	24	23	23	23	23	23	24	27	28	28	28	28	251	W S W
26	1	1	1	2	2	2	2	2	2	2	28	28	28	28	21	21	26	27	24	27	27	27	0	0	334	N N W
27	6	22	i	1	1	1	1	22	24	28	23	23	23	23	23	23	26	24	28	25	23	22	16	18	275	W
28	18	18	18	18	18	19	20	20	21	21	20	20	20	20	20	20	28	28	28	28	28	28	28	28	251	W S W
29	17	17	17	17	17	18	20	20	20	20	20	20	20	21	21	23	28	28	28	28	8	9	11	12	216	SW by S
30	13	13	13	14	16	16	19	19	19	19	19	19	19	19	19	20	21	24	26	27	28	28	11	17	215	SW by S
Hourly Means	o 222 sw	o 218 swbs	o 216 swbw	o 185 s	o 227 sw	o 240 swbw	o 244 wsw	o 240 swbw	o 250 wsw	o 249 wsw	o 257 wbs	o 258 wbs	o 255 wbs	o 267 w	o 271 w	o 277 wbN	o 292 wnw	o 290 wnw	o 311 nw	o 314 nw	o 302 nwbw	o 271 w	o 256 wbs	o 235 swbw	o 263	W by S
No. of Observations with the wind in each quarter NW	11	7	4	3	5	5	6	4	6	8	10	11	13	16	15	16	24	25	28	27	20	16	15	12	307	Obs. NW
SW	9	13	16	16	19	21	21	23	21	19	19	17	16	14	14	14	6	3	0	1	3	6	5	9	305	„ SW
SE	7	8	7	7	3	2	1	1	1	0	0	1	1	0	0	0	0	0	0	0	2	5	7	8	61	„ SE
NE	3	2	3	4	3	2	2	2	2	3	1	1	0	0	1	0	0	2	2	2	5	3	3	1	47	„ NE

FORCE OF THE WIND—SEPTEMBER 1860

	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	
1	0·15	0·00	0·00	0·00	0·20	0·22	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·02	0·10	1·00	1·25	1·15	1·00	1·10	0·80	0·25	0·30	
2	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·01	·00	·00	0·00	0·00	0·00	0·01	0·05	·02	·00	·00	
3	·00	·00	·00	·00	·06	·00	·00	·00	·00	·00	·03	·02	·00	·00	·00	·00	·12	·45	1·10	1·00	·50	·20	·17	·19	·16	
4	·05	·00	·00	·30	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·20	·22	·70	·25	0·80	·70	1·10	1·00	·20	·27	
5	·22	·70	·45	·50	·60	·75	·55	·20	·00	·00	·00	·00	·00	·00	·00	·00	·00	·20	0·55	·70	·50	0·45	0·25	·20	·28	
6	·10	·05	·07	·00	·00	·08	·10	·08	·07	·01	·05	·00	·00	·00	·00	·00	·00	·00	·05	·12	·14	·55	·50	·80	·12	
7	·65	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·03	·08	·10	·06	·07	·08	·05	
8	·20	·10	·10	·05	·02	·02	·03	·08	·12	·02	·85	1·20	·10	·00	·00	·00	·00	·02	·02	·15	·16	·10	·12	·30	·16	
9	·40	·35	·50	·25	·30	·35	·28	·30	·35	·50	·20	0·08	·00	·00	·00	·00	·00	·00	·08	·07	·03	·01	·02	·10	·17	
10	·05	·15	·00	·00	·00	·22	·40	·20	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·15	·13	·12	·08	·10	·00	·07	
11	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·12	·15	·10	·12	·05	·06	·00	·03	
12	·07	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·07	·05	·02	·00	·00	·05	·10	·85	·60	·55	·15	·10	·30	·12	
13	·00	·00	·00	·00	·06	·00	·10	·20	·00	·00	·00	·25	·10	·02	·05	·00	·10	1·15	1·15	·90	·50	·20	·27	·35	·22	
14	·40	·00	·10	·00	·00	·00	·08	·25	·00	·00	·00	·02	·00	·01	·01	·02	·90	·30	·35	1·00	·55	·45	·15	·10	·28	
15	·00	·05	·20	·18	·35	·25	·00	·00	·00	·00	·00	·00	·00	·00	·10	·15	·25	0·27	0·05	0·65	·15	·10	·00	·00	·11	
16	·00	·00	·00	·00	·00	·00	·08	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·12	·05	·08	·10	·06	·05	·02	·03	
17	·00	·00	·00	·00	·00	·08	·60	·15	·00	·00	·00	·00	·00	·00	·00	·00	·10	·12	·05	·08	·12	·13	·02	·00	·06	
18	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·06	·03	·10	·02	·00	·01	
19	·00	·00	·00	·00	·10	·15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·45	·30	·35	·10	·08	·00	·00	·00	·06	
20	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·00	·06	·10	·08	·03	·00	·00	·02	
21	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·00	·10	·00	·02	·15	·05	·20	·02	
22	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·04	·00	·00	·01	
23	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·12	·00	·00	·00	·00	·00	·00	·01	
24	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
25	·00	·00	·00	·00	·00	·00	·00	1·50	·10	·00	·00	·00	·00	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·07	
26	·00	·00	·00	·00	·00	·00	·00	0·00	·00	·00	·08	·00	·00	·00	·00	·00	·00	·10	·02	·00	·00	·06	·01	·00	·01	
27	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·05	·22	·08	·12	·15	·03	·35	·04	
28	·42	·35	·33	·25	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·10	·12	·20	·22	·30	·32	·45	·13	
29	·50	·35	·30	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·00	·00	·00	·00	·00	·10	·20	·06	
30	·18	·10	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·15	·21	·00	·00	·00	·00	3·25	·45	·18	
Means	0·11	·08	·07	·05	·06	·07	·07	·10	·02	·02	·04	·05	·01	·01	·01	·01	·10	·22	·30	·27	·20	·19	·25	·15	0·10	

The force is given in pounds and decimals of a pound on one square foot.
The entry ·00 denotes calms or pressures too small to overcome the inertia of the instrument.

DIRECTION AND FORCE OF THE WIND

DIRECTION OF THE WIND—OCTOBER 1860

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction
Madras Mean Time	h.m. 4.41	h.m. 5.41	h.m. 6.41	h.m. 7.41	h.m. 8.41	h.m. 9.41	h.m. 10.41	h.m. 11.41	h.m. 12.41	h.m. 13.41	h.m. 14.41	h.m. 15.41	h.m. 16.41	h.m. 17.41	h.m. 18.41	h.m. 19.41	h.m. 20.41	h.m. 21.41	h.m. 22.41	h.m. 23.41	h.m. 0.41	h.m. 1.41	h.m. 2.41	h.m. 3.41		
	parts	p.	p	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	o	
1	15	15	19	20	21	21	21	21	21	21	21	21	22	22	22	24	25	27	28	28	16	16	17	17	235	sw by w
2	19	19	19	20	23	23	23	23	23	21	21	21	21	22	22	20	20	21	23	25	17	17	17	16	232	sw by w
3	16	15	15	16	17	17	17	20	24	24	24	24	24	24	24	24	28	27	26	15	16	16	16	16	227	sw
4	16	16	17	17	17	17	17	17	17	18	18	19	19	19	20	20	21	21	19	17	17	18	18	18	203	s s w
5	19	19	18	18	18	18	18	18	18	18	18	18	18	18	18	27	26	26	21	20	16	16	16	15	213	sw by s
6	15	16	16	16	16	16	16	16	16	16	16	21	21	21	21	21	21	25	25	15	15	17	16	16	202	s s w
7	16	16	16	16	16	16	17	17	16	16	20	23	23	23	23	23	23	24	27	27	13	13	13	14	211	sw by s
8	10	12	12	12	12	16	18	18	18	18	19	20	20	3	3	3	3	14	12	31	1	11	10	10	128	se by e
9	10	9	9	10	11	11	11	11	11	11	11	11	11	11	11	0	24	9	13	15	15	14	13	13	129	se by e
10	13	13	12	12	12	12	12	12	12	12	12	12	12	25	16	16	17	16	15	14	14	14	14	14	156	sse
11	14	14	14	14	14	11	15	20	3	26	11	29	28	26	26	26	26	6	13	14	12	12	12	12	187	s by w
12	12	12	12	12	12	12	11	11	11	11	24	17	17	17	17	26	27	10	10	11	11	11	12	12	158	s s e
13	12	12	12	12	12	12	12	12	12	12	6	6	6	6	6	5	5	12	12	12	12	12	12	12	114	e s e
14	12	11	15	15	15	13	12	12	21	12	12	6	6	6	6	6	14	8	10	11	15	12	10	11	127	se by e
15	12	12	12	12	12	12	12	12	17	17	28	28	26	27	3	2	2	12	10	11	12	12	12	15	95	e
16	15	12	11	11	11	11	11	11	11	12	12	12	12	12	12	13	9	8	13	13	12	12	12	12	131	se
17	17	20	22	31	31	31	31	31	31	31	7	7	5	5	5	5	5	4	13	17	17	17	16	14	89	e
18	13	13	13	13	13	13	13	13	13	15	15	15	2	2	2	4	31	31	31	31	31	31	31	31	77	e by n
19	31	31	31	31	31	0	0	0	0	0	0	0	0	0	0	0	1	3	3	2	2	2	2	2	6	n by e
20	2	2	2	2	2	2	2	2	2	2	2	2	2	2	5	5	5	5	5	5	5	5	5	5	37	ne by n
21	Board Stopped				—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	2	3	6	6	?	
22	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	1	2	2	3	4	4	3	57	n by e
23	3	3	3	3	12	12	12	12	12	12	4	4	4	4	4	4	4	4	4	4	4	4	4	4	66	e n e
24	4	4	5	4	4	4	5	5	5	5	5	5	5	5	5	4	4	3	4	4	4	4	27	9	47	n e
25	9	11	12	11	12	12	12	12	12	12	11	11	—	Board Stopped				—	—	—	—	—	—	—	?	
26	Board Stopped				—	—	—	—	—	—	—	—	—	—	—	—	—	1	5	5	5	5	9	10	?	
27	9	9	9	9	9	9	9	9	9	7	7	5	5	5	4	4	3	31	31	1	3	4	12	12	71	e n e
28	12	12	12	12	12	12	13	13	13	13	13	13	14	14	14	28	28	23	23	20	20	22	14	16	181	s
29	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	19	20	20	19	16	14	14	14	184	s
30	14	14	12	12	12	12	12	12	12	12	12	12	15	16	16	19	24	25	20	29	2	4	6	2	138	s e
31	2	5	5	5	5	5	5	3	1	0	0	0	0	0	0	31	29	0	1	3	4	4	4	5	23	n n e
Hourly Means	o 129 SEbE	o 131 SE	o 134 sE	o 126 sEbE	o 132 SE	o 132 SE	o 135 SE	o 137 SE	o 136 SE	o 141 sEbS	o 144 SEbS	o 124 sEbE	o 119 sEbE	o 38 NE	o 131 sE	o 90 E	o 353 Nbw	o 26 NNE	o 69 ENE	o 74 EbN	o 112 ESE	o 118 ESE	o 116 ESE	o 121 sEbE	o 133	SE
No. of Observations with the wind in each quarter: NW	1	1	1	2	2	1	1	1	2	3	3	3	3	4	2	7	10	8	6	6	1	1	2	1	72	Obs. N W
SW	7	7	8	8	8	9	9	10	10	9	8	9	9	9	10	7	6	5	6	5	8	8	7	6	188	„ S W
SE	16	16	15	14	15	14	14	13	11	11	9	7	5	3	3	1	2	7	10	10	10	11	14	16	247	„ S E
NE	5	5	5	5	4	5	5	5	6	6	9	10	11	12	13	13	10	9	8	9	11	10	7	7	190	„ N E

FORCE OF THE WIND—OCTOBER 1860

	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	
1	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·30	0·40	0·35	0·30	0·20	0·35	0·32	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·09	
2	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·00	·00	·00	·10	·00	·00	·12	·10	·13	·45	·04	
3	·30	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·03	·25	·20	·04	
4	·25	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·20	·15	·08	·10	·20	·45	·65	·60	·11	
5	·64	·45	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·30	·40	·50	·30	·35	·45	·65	·70	·20	
6	·72	·45	·20	·15	·08	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·50	1·20	·85	·15	·18	
7	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	0·00	·65	·00	·03	
8	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·00	·01	·20	·22	·02	
9	·25	·17	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·30	·35	·37	·45	·32	·10	
10	·28	·15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·05	·10	·15	·20	·30	·27	·45	·09	
11	·20	·00	·00	·00	·10	·15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·15	·20	·12	·10	·05	
12	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·20	·15	·10	·00	·00	·00	·00	·02	
13	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·30	·05	·07	·04	·02	·30	·25	·04	
14	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·12	·20	·14	·08	·12	·06	·03	
15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·03	·00	·00	·05	·10	·01	
16	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·12	·15	·10	·12	·14	·12	·03	
17	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
18	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·65	·80	·60	·09		
19	·85	·75	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·20	·22	·30	·00	·00	·00	·00	·10	
20	·00	·00	·00	·00	·00	·00	·00	·00	·20	·55	·75	·90	·65	·45	·20	·15	·35	·25	·45	·50	·75	·15	·05	·00	·26	
21	—	Board Stopped				—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
22	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
23	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
24	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·60	·65	·05	
25	—	—	—	—	—	—	—	—	—	—	—	—	—	Board Stopped				—	—	—	—	—	—	—	—	
26	Board Stopped				—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
27	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
28	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
29	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
30	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	.00	·00	·00	·10	·15	·01		
31	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·30	·35	·25	·05		
Means	0·13	·07	·01	·01	·01	·01	·00	·00	·01	·02	·04	·04	·04	·03	·01	·02	·05	·06	·07	·09	·11	·16	·24	·19	0·06	

The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome the inertia of the instrument.

DIRECTION AND FORCE OF THE WIND

DIRECTION OF THE WIND—NOVEMBER 1860

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction
Madras Mean Time	h.m. 4.41	h.m. 5.41	h.m. 6.41	h.m. 7.41	h.m. 8.41	h m. 9.41	h.m. 10.41	h.m. 11.41	h.m. 12.41	h.m. 13.41	h.m. 14.41	h.m. 15.41	h.m. 16.41	h.m. 17.41	h.m. 18.41	h.m. 19.41	h.m. 20.41	h.m. 21.41	h.m. 22.41	h.m. 23.41	h.m. 0.41	h.m. 1.41	h.m. 2.41	h.m. 3.41		
	parts	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	o	
1	6	7	7	7	7	7	7	7	4	4	4	3	3	31	31	31	31	0	4	5	6	6	6	8	49	N E
2	9	8	9	9	9	9	9	9	9	9	9	9	8	8	6	6	4	0	2	3	3	2	2	2	72	E N E
3	3	1	1	1	1	1	1	4	4	4	4	4	4	4	4	4	4	0	0	0	0	31	31	29	21	N N E
4	29	28	28	28	28	28	28	28	28	28	28	28	28	28	28	27	26	0	0	2	3	3	3	3	334	N N W
5	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	31	31	0	1	1	1	2	1	1	15	N by E
6	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	30	0	0	0	0	1	1	1	6	N by E
7	1	1	1	1	1	1	1	1	1	1	1	0	0	0	30	29	29	31	1	1	0	0	31	31	1	N
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31	31	0	0	0	0	31	31	0	358	N
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	3	3	3	3	4	7	N by E
10	Board Stopped.				—	—	—	—	—	—	—	—	—	—	—	—	—	2	4	4	5	5	5	5	?	
11	5	5	5	5	5	5	5	5	5	5	5	5	5	5	1	0	0	0	0	1	1	2	2	3	37	N E by N
12	3	1	1	2	2	2	2	2	2	2	2	1	0	0	30	29	29	1	1	0	3	2	3	3	13	N by E
13	2	1	1	1	1	1	31	29	29	29	29	29	29	29	29	30	0	0	2	2	2	2	2	3	357	N
14	3	3	4	4	4	3	3	3	3	2	2	1	31	31	31	30	30	30	31	31	30	31	31	0	9	N by E
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31	31	31	30	30	30	30	30	30	353	N by W
16	31	31	31	31	31	31	31	31	30	30	29	29	29	29	29	29	28	25	24	28	29	29	29	28	329	N W by N
17	28	28	28	28	28	28	28	28	28	28	27	25	25	25	25	23	23	24	25	25	29	31	0	0	305	N W by W
18	5	5	5	5	5	5	5	5	29	29	29	29	29	29	29	29	23	24	25	24	2	2	8	8	2	N
19	8	8	8	8	8	8	8	8	8	8	8	0	0	0	30	29	29	28	20	20	12	13	13	13	78	E by N
20	13	13	11	11	11	11	11	11	11	11	11	11	11	11	1	0	0	1	4	7	8	7	8	9	95	E
21	6	6	8	8	8	8	8	8	8	7	7	6	6	6	6	5	4	2	6	6	6	6	6	6	72	E N E
22	6	6	6	6	5	5	7	20	3	3	3	3	30	30	30	7	6	8	6	6	15	6	5	5	61	N E by E
23	5	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	5	7	8	8	9	8	8	8	80	E by N
24	8	9	9	9	9	9	9	9	9	9	9	9	7	7	7	7	7	7	11	9	11	10	10	9	98	E by S
25	9	9	9	10	10	10	11	11	11	11	11	10	10	10	10	8	7	8	11	11	12	11	10	10	112	E S E
26	11	9	10	11	11	11	11	11	12	12	12	12	12	8	6	6	6	5	5	5	5	5	5	5	97	E by S
27	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4	7	7	7	7	6	6	5	60	N E by E
28	5	5	5	5	5	6	6	6	6	6	6	6	6	2	1	1	5	8	8	8	7	7	8	7	63	E N E
29	7	7	7	5	7	7	5	5	5	4	3	3	3	3	3	3	3	31	31	0	2	2	1	2	40	N E
30	0	0	0	1	4	1	1	3	3	3	2	2	2	3	3	3	3	1	0	31	3	0	31	1	17	N N E
Hourly Means	o 45 NE	o 43 NE	o 44 NE	o 45 NE	o 46 NE	o 45 NE	o 45 NE	o 51 NEbE	o 40 NE	o 39 NEbN	o 37 NEbN	o 31 NEbN	o 26 NNE	o 22 NNE	o 12 NbE	o 10 NbE	o 5 N	o 9 NbE	o 27 NNE	o 32 NEbN	o 43 NE	o 38 NEbN	o 40 NE	o 42 NE	o 34	N E by N
No. of Observations with the wind in each quarter — N W	3	3	3	3	3	3	4	4	5	5	5	5	7	7	11	13	11	8	7	6	4	6	7	4	137	Obs. N W
S W	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	2	0	1	1	0	0	0	0	5	„ S W
S E	6	6	7	7	7	7	7	7	7	6	6	5	4	4	1	1	0	3	4	4	6	4	7	7	123	„ S E
N E	20	20	19	19	19	19	18	17	17	18	18	19	18	18	17	15	16	19	18	19	20	20	16	19	438	„ N E

FORCE OF THE WIND—NOVEMBER 1860

	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	
1	0·22	0·18	0·10	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·02	0·20	0·25	0·30	0·35	0·27	0·08	
2	·42	·12	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·65	·80	1·00	1·25	1·10	1·30	·28	
3	1·20	·30	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	1·80	2·30	2·20	2·75	2·20	2·00	·35	·67	
4	·20	·80	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·40	·10	1·70	·10	·25	1·60	·20	·75	·60	
5	·50	·55	·30	·25	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·45	·25	·30	1·27	1·40	·00	1·15	·25	·49	
6	0·40	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·15	·40	·55	·25	·35	·50	0·55	·00	0·75	·38	
7	·45	·17	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·07	·40	·35	0·90	0·92	0·85	0·65	·35	0·25	·05	·23	
8	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·45	·35	·47	·10	·02	·06	
9	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·50	·70	1·00	·85	·90	·70	·20	
10	Board Stopped.				—	—	—	—	—	—	—	—	—	—	—	—	—	·00	·20	·22	0·35	·65	·75	·85	—	
11	0·30	·15	·20	·18	·22	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·15	·65	·80	·75	·95	·92	1·15	1·25	·32	
12	1·10	·70	·20	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·30	·65	·80	·95	1·30	1·20	·65	·35	·43	
13	·55	·80	·70	·55	·35	·50	·30	·27	·00	·00	·00	·00	·00	·00	·00	·00	·05	·80	·90	·75	·00	0·85	0·70	·00	·46	
14	0·70	·30	·25	·10	·15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·15	·35	1·25	·85	·50	·00	1·15	·95	0·10	·33	
15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	0·00	·10	·08	0·30	0·27	·28	·00	·04	
16	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·00	·00	·00	·00	·00	
17	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·15	·05	·00	·00	·00	·00	·00	·01	
18	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
19	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
20	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·25	·00	·01	
21	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·15	·60	·45	·05	
22	·08	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·15	·08	·00	·00	·00	·00	·00	·00	·00	·01	
23	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
24	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
25	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·55	·38	·32	·60	·80	·62	·14	
26	·55	·00	·00	·10	·15	·30	·35	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·50	·60	·95	1·25	1·25	1·20	1·15	·35	
27	·80	·50	·80	·95	1·15	1·20	·55	·90	·85	·50	·20	·25	·22	·40	·20	·30	1·00	1·45	1·50	1·40	·55	·80	2·00	·45	·91	
28	1·50	·60	·15	·35	0·20	0·22	·20	·22	·15	·10	·00	·00	·00	·00	·00	·10	0·70	·15	·30	·45	·35	·40	1·85	·65	·61	
29	0·60	·58	·50	·10	·05	·30	·00	·00	·00	·00	·00	·00	·00	·10	·00	·00	·00	0·15	0·22	0·40	0·85	·20	·15	0·75	·29	
30	·70	·35	·15	·05	·60	·50	·00	·15	·00	·00	·00	·00	·00	·00	·00	·00	·10	·00	·00	·00	·00	·00	0·00	·00	·15	
Means	0·46	·21	·12	·09	·10	·11	·05	·06	·03	·02	·01	·01	·01	·02	·01	·05	·15	·47	·57	·61	·73	·70	·75	·59	0·24	

The force is given in pounds and decimals of a pound on one square foot.
The entry ·00 denotes calms or pressures too small to overcome the inertia of the instrument.

DIRECTION AND FORCE OF THE WIND

DIRECTION OF THE WIND—DECEMBER 1860

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction
Madras Mean Time	h.m. 4.41	h.m. 5.41	h.m. 6.41	h.m. 7.41	h.m. 8.41	h.m. 9.41	h.m. 10.41	h.m. 11.41	h.m. 12.41	h.m. 13.41	h.m. 14.41	h.m. 15.41	h.m. 16.41	h.m. 17.41	h.m. 18.41	h.m. 19.41	h.m. 20.41	h.m. 21.41	h.m. 22.41	h.m. 23.41	h.m. 0.41	h.m. 1.41	h.m. 2.41	h.m. 3.41		
	parts	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	o	
1	2	2	2	3	2	2	1	1	1	2	3	4	4	3	3	31	30	1	1	3	4	5	5	5	26	N N E
2	5	4	4	4	4	4	4	4	4	4	4	4	4	2	1	1	1	0	4	4	5	5	4	4	39	NE by N
3	4	4	4	4	4	4	4	4	5	5	4	4	4	0	0	0	5	0	0	31	31	31	1	1	27	N N E
4	0	1	1	0	1	1	0	0	31	29	28	28	28	28	28	28	29	3	3	3	4	4	2	2	357	N
5	5	5	3	3	3	3	3	3	1	1	1	0	0	0	0	0	0	0	2	1	1	1	1	1	18	N N E
6	3	5	5	5	5	5	1	1	1	0	5	6	6	6	6	5	5	3	2	4	4	4	4	3	44	N E
7	3	3	3	4	4	6	1	3	2	2	2	2	2	3	4	4	5	7	6	6	6	6	5	5	44	N E
8	5	5	8	6	5	5	5	5	6	6	6	7	7	6	6	6	7	9	8	8	8	7	7	8	73	E by N
9	7	7	6	6	6	6	6	6	6	7	6	6	6	6	6	7	7	4	2	4	4	4	4	4	62	E N E
10	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	8	7	6	8	8	8	8	49	N E
11	8	8	8	8	8	8	8	4	4	4	4	4	4	4	4	4	4	0	5	4	4	5	5	5	58	NE by E
12	5	5	5	5	5	5	5	5	5	5	5	5	2	1	1	1	1	4	4	4	5	5	5	5	46	N E
13	4	4	4	4	4	4	4	4	4	3	3	3	0	0	0	31	0	2	4	5	4	4	4	4	33	NE by N
14	5	5	5	5	4	4	4	3	2	2	2	1	1	0	0	1	2	0	4	4	4	5	5	5	34	NE by N
15	5	5	5	5	5	5	5	5	5	5	5	5	3	2	1	1	5	6	6	5	5	5	4	4	50	N E
16	4	4	4	4	4	4	4	4	4	5	5	6	6	6	5	4	4	4	4	5	5	5	4	4	51	NE by E
17	5	6	7	7	6	6	6	6	6	6	6	6	6	3	3	2	6	6	6	6	5	5	5	6	62	E N E
18	5	5	5	6	6	6	6	6	5	5	5	5	5	5	5	5	5	6	6	6	7	5	5	5	61	NE by E
19	5	5	5	5	5	5	5	5	5	5	5	5	5	5	2	1	31	3	5	5	5	5	5	5	49	N E
20	4	4	4	4	4	4	4	4	4	4	4	4	3	3	2	0	4	4	5	5	6	5	6	6	45	N E
21	6	5	5	5	5	5	5	5	6	6	6	4	4	4	3	3	3	4	5	5	5	5	5	5	53	NE by E
22	5	4	4	4	4	4	4	5	5	5	5	5	1	1	1	1	1	3	5	5	5	5	6	6	44	N E
23	5	5	5	6	6	6	6	6	6	6	5	5	4	4	3	3	2	2	3	3	3	4	5	5	51	NE by E
24	5	5	5	5	5	5	5	5	5	5	5	5	5	3	3	3	3	2	4	5	7	7	6	6	53	NE by E
25	5	6	6	6	6	6	5	5	4	4	2	2	2	2	5	5	5	7	8	7	8	8	8	8	61	NE by E
26	8	8	8	8	8	8	8	8	8	7	6	5	5	5	4	2	1	4	5	4	5	4	4	4	64	E N E
27	5	5	5	5	5	5	5	6	6	6	6	5	4	4	4	0	31	3	4	4	3	3	4	4	47	N E
28	3	3	3	4	4	5	4	4	4	4	4	4	2	1	1	1	4	1	2	2	2	2	1	1	31	NE by N
29	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	31	3	7	8	8	7	7	7	6	27	N N E
30	7	7	7	7	7	7	6	8	8	8	8	8	8	8	8	8	8	6	7	7	6	7	7	7	82	E by N
31	7	7	7	7	7	7	7	7	7	7	7	7	7	6	6	6	6	7	7	7	6	6	7	7	76	E by N
	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	
Hourly Means	52 NEbE	53 NEbE	53 NEbE	54 NEbE	53 NEbE	54 NEbE	49 NE	49 NE	48 NE	47 NE	47 NE	46 NE	40 NE	33 NEbN	31 NEbN	25 NNE	34 NEbN	42 NE	52 NEbE	52 NEbE	54 NEbE	54 NEbE	54 NEbE	54 NEbE	47	NE
No. of Observations with the wind in each quarter: N W	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	4	4	0	0	1	1	1	0	0	18	Obs. N W
S W	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	,, S W
S E	2	2	3	2	2	2	2	2	2	1	1	1	1	1	1	1	1	2	3	2	3	2	2	3	44	,, S E
N E	29	29	28	29	29	29	29	29	28	29	29	29	29	29	29	26	26	29	28	28	27	28	29	28	682	,, N E

FORCE OF THE WIND—DECEMBER 1860

	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	
1	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·10	0·80	1·45	1·85	1·70	1·35	0·70	0·33	
2	·35	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·07	·10	·50	1·70	·80	·30	·80	·75	1·55	·46	
3	1·30	1·00	·10	·20	·35	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	1·50	1·90	·95	2·10	·60	·30	·55	·35	·68	
4	0·55	0·25	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	0·00	·80	·55	1·45	·30	·55	·30	0·75	·44	
5	·80	·45	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	0·10	0·60	0·92	·00	0·85	0·65	·90	·27	
6	·55	·85	·50	·48	·35	·25	·00	·00	·00	·00	·15	·35	·48	·40	·55	·65	·45	·85	·60	1·15	·25	1·05	1·30	1·40	·57	
7	1·15	1·20	·75	·80	·55	·80	·15	·25	·22	·20	·18	·15	·20	·85	·95	·70	·75	·90	1·15	·35	·40	·60	·20	·35	·78	
8	0·80	0·40	·65	·25	·05	·12	·15	·35	·30	·33	·50	·60	·72	·75	·65	·63	·55	1·80	·60	·10	·15	·30	0·90	·30	·71	
9	1·15	·60	·55	·35	·20	·13	·15	·32	·40	·25	·37	·18	·22	·20	·22	·65	·50	·15	·10	·20	0·65	0·50	·55	0·60	·51	
10	0·57	·30	·15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	0·60	0·48	·15	1·00	1·10	·60	·55	·27	
11	·20	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	0·60	0·55	0·70	1·55	1·30	·21	
12	1·15	·60	·25	·10	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·15	·45	·27	·20	·35	·42	0·33	0·25	·20	
13	0·12	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·25	·58	·55	·50	·52	·70	·65	·17	
14	·55	·25	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·30	2·25	2·20	2·00	2·30	2·10	1·80	·58	
15	2·15	2·00	1·90	1·60	1·50	·90	·75	·60	·20	·22	·00	·00	·00	·00	·00	·15	·70	1·55	·25	1·72	1·70	1·60	1·80	·55	1·04	
16	1·45	0·85	0·65	0·43	0·10	·25	·15	·10	·12	·15	·10	·50	·40	·20	·22	·10	·00	·10	·00	3·30	2·25	2·20	·70	2·20	0·86	
17	·50	·70	·65	·20	·12	·10	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·70	·60	1·50	1·70	·00	·10	2·20	1·80	·71	
18	·30	·45	·50	·60	·50	·55	·60	·35	·30	·28	·20	·25	·23	·10	·15	·20	·70	·35	·70	·60	1·70	1·10	1·30	·25	·72	
19	·10	1·00	·55	·50	·52	·65	·43	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	0·25	·10	·00	·20	·45	·30	0·85	·50	
20	0·60	0·30	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·45	0·65	0·12	0·00	0·00	0·00	·00	·09	
21	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·30	1·10	1·35	1·20	1·35	1·45	1·30	·34	
22	1·45	·20	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	0·55	0·90	·20	·45	·35	·45	·36	
23	0·85	·52	·15	·10	·00	·00	·00	·00	.00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·55	·50	0·45	0·35	0·55	0·35	19	
24	·17	·00	·05	·00	·00	·00	·00	·00	.00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·12	·20	·35	·40	·06	
25	·20	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·00	·10	·12	·15	·13	·11	·15	·10	·05
26	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·20	·45	·40	·25	·10	·14	·12	·07	
27	·05	·00	·00	·00	·00	·00	·00	·00	·00	·15	·00	·00	·00	·00	·00	·00	·00	·80	·75	·80	·90	·85	·70	·85	·24	
28	·50	·47	·25	·22	·15	·17	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·52	·80	·72	·85	·87	·85	·82	·84	·34	
29	·60	·35	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·50	·65	·66	·75	·80	·65	·67	·72	·27	
30	·62	·35	·28	·07	·05	·00	·10	·00	·00	·00	·00	·00	·00	·00	·00	·15	·25	·60	·75	·70	·82	1·15	1·10	1·10	·33	
31	·90	·52	·50	·35	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·65	·55	·50	0·50	0·45	0·45	·22	
Means	0·73	·45	·28	·20	·15	·13	·08	·06	·05	·05	·05	·07	·07	·08	·09	·11	·24	·67	·98	1·09	1·03	1·05	1·03	0·96	0·41	

The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome the inertia of the instrument.

DEPTH OF RAIN AND EVAPORATION IN INCHES

FALL OF RAIN FOR 1860

	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER	
	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·340	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	—	—	—	—	0·012	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	—	—	—	—	0·006	—	—	—	·040	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	—	—	—	·092	—	—	—	·105	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·045	—	—	—	—	—	—	0·018	·080
6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·100	—	·016	—	—	—	—	—	·032	·005
7	—	—	—	—	—	—	—	—	—	—	—	—	—	·006	·010	—	·038	—	—	0·050	—	—	·036	—
8	—	—	—	—	—	—	—	—	—	—	0·548	—	·009	—	—	—	·042	—	—	—	—	—	·025	—
9	—	—	—	—	—	—	—	—	—	—	·078	—	·024	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	·039	·002	—	—	0·003	·084	—	—	—	—
11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	·180	·119	—	—	·714	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	—	—	—	·136	—	·025	—	·000	0·998	·280	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	—	—	—	·030	—	—	—	·208	—	—	—	0·863	—	—	—
14	—	—	—	—	—	—	—	—	—	—	—	—	·012	—	—	—	—	—	·590	·529	—	—	—	—
15	—	—	—	—	—	—	—	—	—	—	—	—	·016	—	·007	—	—	—	·065	·396	—	—	—	—
16	—	—	—	—	—	—	—	—	—	—	—	—	·005	—	·020	·124	·230	·058	·112	·020	—	—	—	—
17	—	—	—	—	—	—	—	—	—	—	·820	—	·040	—	·122	·017	·700	—	·350	·118	—	—	—	—
18	—	—	—	—	—	—	—	—	—	—	—	—	·025	—	—	—	·359	—	·545	1·381	—	—	—	—
19	—	—	—	—	—	—	—	—	—	—	—	0·093	·141	—	—	—	·008	·004	·533	0·808	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—	·028	·006	·072	—	—	—	—	—	·785	2·350	—	—	—	—
21	—	—	—	—	—	—	—	—	—	—	—	—	·615	—	—	—	—	—	·540	3·218	—	—	—	—
22	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	·270	0·015	·210	0·121	—	—
23	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	·280	—	—	—	—	—
24	—	—	—	—	—	—	—	—	—	—	—	—	·020	—	—	—	—	—	·030	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	·430	·004	—	—	—	—	·032	—
26	—	—	—	—	—	—	—	—	—	—	—	—	·678	—	—	·205	—	·064	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	·626	·485	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	—	—	·160	·009	—	—	—	—	—	—	—	—	·215	·541	—	—
30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	·795	—	—	·842	—	—	·130	—	—	—
31	—	—	—	—	—	—	—	—	—	—	—	—	—	·132	·015	·018	—	—	—	—	—	—	—	—
Sums ...	—	—	—	—	—	—	—	—	—	—	1·634	0·108	1·921	0·150	1·313	1·156	3·001	1·970	5·097	8·969	1·418	0·662	0·143	0·085

EVAPORATION FOR 1860

	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·008	0·241	0·020	0·219	0·009	0·329	0·011	0·353	0·014	0·386	0·060	0·498	0·045	0·421	0·028	0·313	cov.	0·294	0·018	0·223	0·012	0·323	0·013	0·112
2	·015	·198	·016	·385	·011	·307	·008	·315	·019	·370	·040	·520	·068	·361	·070	·413	0·022	·200	·010	·253	·005	·305	·009	·277
3	·004	·200	·012	·220	·014	·367	·015	·240	·022	·391	·070	·395	·050	·326	·084	·419	·019	·310	·015	·294	·003	·314	·012	·257
4	·011	·250	·004	·303	·010	·302	·017	·328	·024	·362	·100	·420	·022	·487	·076	·413	·026	·326	·010	·329	·009	·277	·029	·281
5	·008	·249	·023	·258	·006	·287	·013	·366	·018	·404	·081	·375	·062	·512	·088	·387	·031	·251	·020	·286	·026	·281	·029	·241
6	·006	·242	·027	·279	·007	·281	·012	·289	·019	·401	·101	·335	·080	·470	·036	·363	·022	·315	·012	·310	·022	·338	·026	·164
7	·004	·278	·004	·220	·009	·318	·006	·189	·022	·378	·067	·450	·041	·440	·049	·404	·018	·234	·013	·168	·024	·345	cov.	·174
8	·013	·317	·002	·238	·013	·287	·012	·304	·036	·413	·044	·305	·040	·388	·039	·456	·030	·292	·016	·258	·003	·345	cov.	·288
9	·010	·309	·017	·268	·013	·320	·027	·374	·040	·421	·020	·469	·046	·295	·054	·405	·032	·295	·012	·306	·016	·333	·039	·299
10	·020	·342	·010	·278	·015	·317	·021	·392	·048	·440	·071	·382	·076	·403	·035	·203	·037	·350	·022	·300	·007	·334	·017	·297
11	·022	·284	·013	·300	·011	·318	·014	·423	·051	·450	·057	·449	·062	·459	cov.	·268	·024	·254	cov.	·265	·029	·353	·012	·234
12	·018	·294	·005	·254	·016	·321	·022	·403	·026	·454	·084	·493	cov.	·350	·024	·299	·040	·227	·006	·272	·012	·246	·014	·270
13	·024	·429	·004	·289	·009	·292	·035	·404	·028	·480	·054	·459	·042	·258	·018	·331	cov.	·326	·014	·165	·018	·296	·028	·230
14	·022	·234	·012	·329	·008	·310	·032	·403	·037	·476	·118	·611	·020	·417	·030	·349	·033	·372	cov.	·206	·033	·231	·015	·214
15	·024	·267	·027	·329	·011	·303	·020	·420	·052	·468	·176	·612	·030	·365	·030	·214	·044	·222	·009	·154	·008	·249	·017	·249
16	·015	·394	·021	·296	·016	·230	·021	·370	·059	·455	·192	·496	·038	·338	·021	·017	cov.	·112	·004	·145	·005	·259	·038	·345
17	·017	·400	·027	·270	·013	·294	·019	·372	·052	·420	·042	·374	·045	·463	·008	·270	cov.	·201	cov.	·141	·010	·330	·040	·314
18	·029	·324	·028	·314	·010	·211	·014	·415	·034	·441	·040	·362	·033	·182	·014	·324	cov.	·209	cov.	·073	·006	·258	cov.	·368
19	·011	·268	·023	·316	·012	·260	·020	·401	·037	·462	·059	·294	·043	·347	·021	·270	·035	·301	cov.	cov.	·009	·298	·028	·309
20	·021	·329	·026	·245	·007	·289	·014	·404	·028	·440	·020	·180	†·073	·302	·019	·376	·009	·302	cov.	cov.	·012	·245	·017	·234
21	·022	·350	·013	·265	·008	·319	·012	·396	·033	·401	·055	·230	·009	·270	·025	·318	·013	·341	cov.	cov.	·012	·255	·022	·281
22	·012	·274	·019	·290	·008	·330	·032	·402	·038	·460	·040	·381	·016	·331	·022	·346	·022	·200	cov.	·204	·008	·196	·030	·334
23	·014	·321	·023	·277	·008	·306	·015	·419	·052	·451	·033	·430	·048	·351	·024	·359	·016	·172	cov.	·155	·008	·248	·025	·375
24	·010	·319	·015	·279	·012	·302	·020	·401	·060	·510	·037	·402	·038	·320	·027	·362	·023	·143	cov.	·218	·005	·217	·020	·285
25	·013	·305	·009	·315	·009	·320	·010	·380	·158	·559	·052	·413	·030	·319	·022	·426	·020	·cov	·004	·224	·018	·239	·022	·249
26	·015	·319	·012	·294	·020	·352	·011	·364	·083	·610	·064	·459	·038	·271	·013	·084	·024	·169	·012	·231	·015	·301	·021	·302
27	·016	·350	·022	·269	·012	·339	·014	·361	·100	·570	·092	·401	·040	·341	·026	·241	cov.	·252	·010	·315	·016	·404	·010	·263
28	·014	·372	·003	·306	·013	·340	·014	·412	·104	·538	·094	·342	·056	·354	·024	·357	·026	·338	·010	·330	·032	·231	·029	·263
29	·010	·244	·008	·307	·013	·354	·019	·385	·060	·485	·082	·334	·058	·380	·031	·241	·024	·304	·005	·213	·013	·019	·020	·247
30	·016	·244	—	—	·014	·331	·010	·378	·083	·517	·044	·416	·058	·290	cov.	·215	·030	·226	·003	·274	·004	·131	·022	·271
31	·012	·357	—	—	·015	·348	—	—	·112	·452	—	—	·060	·329	cov.	·254	—	—	·004	·284	—	—	·028	·301
Means ...	0·015	·300	·014	·283	·011	·309	·017	·369	·050	·454	·070	·410	·046	·359	·034	·313	·026	·260	·011	·236	·013	·273	·023	·269

† Leaking.

TOTAL RAIN IN EACH MONTH

1860	Night	Day	Total
	In.	In.	In.
January ...	...	...	...
February ...	...	...	...
March ...	...	...	...
April ...	...	...	...
May ...	...	...	...
June ...	1·634	0·108	1·742
July ...	1·921	0·150	2·071
August ...	1·313	1·156	2·469
September ...	3·001	1·970	4·971
October ...	5·097	8·969	14·066
November ...	1·418	0·662	2·080
December ...	0·143	0·085	0·228
Total...	14·527	13·100	27·627

MEAN DAILY EVAPORATION IN EACH MONTH

1860	Night	Day	Total.
	In.	In.	In.
January ...	0·015	0·300	0·315
February ...	·014	·283	·297
March ...	·011	·309	·320
April ...	·017	·369	·386
May ...	·050	·454	·504
June ...	·070	·410	·480
July ...	·046	·359	·405
August ...	·034	·313	·347
September ...	·026	·260	·286
October ...	·011	·236	·247
November ...	·013	·273	·286
December ...	·023	·269	·292
Mean...	0·028	0·320	0·347

REMARKS ON THE WEATHER FOR THE MONTH OF JANUARY 1860

Date	Göttingen Mean Time NOON	Cloudy sky in 8ths	2	Cloudy sky in 8ths	4	Cloudy sky in 8ths	6	Cloudy sky in 8ths	8	Cloudy sky in 8ths	10	Cloudy sky in 8ths
Dec. 31	cu, cr-cu, hz ...	6	cu, cu-st, cr-hz ...	7	cu, cu-st, cr-hz ...	6	cu, cr-hz	7				
1	... ...	...	... ...	...	... ...	...	... ...	...	cu, cr-hz, D ...	2	cu, cr-hz, D ...	3
2	cr-hz, cr, cr-st ...	4	cr-hz, cr, cr-st ...	4	cr-st, cr-hz... ...	3	cu, cr-hz	2	cr, cr-hz	3	ny-clear, D... ...	0
3	cu, cr-st, d-hz ...	7	cu, cr-st, d-hz, hl☽..	6	cu, cr-st, d-hz, hl-☽.	6	cu, cr-st, d-hz, D ...	6	cu, cr-st, d-hz, D ...	6	cu, cr-st, cr-hz, D ...	3
4	cu, cu-st, cr-st, hz...	3	cu, cr-st, hz ...	2	cu, cr-st, hz ...	1	ny-clear	0	clear	0	cu, cr-st, hz ...	2
5	cu, cr-hz	2	cu, cr-hz	3	cu, cu-st, hz ...	3	cu, cr-hz, D... ...	4	lt-cr-hz, cr-st, D ...	3	cr, cr-st, D...	2
6	cu, cr-st, d-hz ...	4	cu, cr-st, hz ...	2	cu, cr-st, hz ...	3	cu, cr-st, hz ...	3	cr-st, cr-hz ...	3	cr-st, cr-hz	4
7	cu, cr-cu, cr-st, hz...	3	cu, cr-st, hz ...	2	cu, cr-st, hz ...	2	cu, cu-st, cr-hz, D...	3	... ...	...	... ...	...
8	... ...	...	... ...	...	... ...	...	... ...	...	cr-cu, cr-st, cr-hz ...	7	cr-cu, cr-st, cr-hz ...	7
9	cu, cr-cu, cr-st, hz...	3	ny-clear	0	cr-st, hz	2	cr, cr-st, hz ...	3	cr, cr-st	2	sc-cu, cr, D... ...	2
10	cu, cr-st, hz ...	3	cu, cr-st, hz ...	2	cu, cr-st, hz ...	3	cu, cu-st, cr-hz ...	4	cr, cr-st	2	cr, cr-st	2
11	cu, cu-st	3	cu, hz	1	cu, hz	1	cu, cu-st, cr-hz ...	3	cu, cr-hz	3	clear	0
12	cu, cr-st,hz	3	fl-cu, hz	1	fl-cu, hz	1	cu, cr-hz	2	cu, cr-hz	3	cu, cr-hz, D... ...	2
13	sc-cu	2	cu	1	cu, cr-st, hz ...	6	fl-cu, d-cr-hz ...	7	cu, cr-cu, cr-hz ...	6	cu, cr-cu, cr-hz ...	7
14	cu, cu-st, cr-hz ...	6	cu, cu-st, cr-hz ...	6	cu, cu-st, cr-hz ...	7	cu, cu-st, cr-hz ...	7	... ...	...	... ...	...
15	... ...	...	... ...	...	... ...	...	... ...	...	cu-hor	1	cu, hz	8
16	sc-cu, cr-hz ...	2	sc-cu, cr-hz ...	1	cu, cu-st	5	cu, cr-hz	4	cu, hz	3	cu-hor	1
17	cu, cu-st, hz ...	3	cu, cu-st, hz ...	3	cu	2	cu, cr-hz	3	cu, cr, cr-hz ...	3	cu, cr-hz, D ...	2
18	clear	0	ny-clear	0	ny-clear	0	cu	1	clear	0	clear	0
19	cr-st, hz	1	clear	0	cr, cr-hz	1	cr, cr-hz	1	clear	0	clear, D	0
20	clear	0	fl-cu	1	fl-cu...	1	cr-st, hz	2	cu, cu-st, hz ...	5	cu, cu-st, hz ...	4
21	cu, cu-st, hz ...	4	cu, cu-st, hz ...	3	cu, cu-st, hz ...	3	cu, cr-hz	3	... ...	...	... ...	...
22	... ...	...	... ...	...	... ...	...	... ...	...	cu, cu-st, hz ...	3	cu, cu-st, hz ...	5
23	cu-st, cr-st, hz ...	5	cu, cr-st, hz ...	2	cu, cu-st, hz ...	2	cu, cu-st, hz ...	2	cu, cu-st, hz ...	6	cu, cu-st, hz ...	5
24	cu	1	ny-clear	0	clear	0	cu-hor	1	clear, D	0	clear, D	0
25	clear	0	clear	0	clear	0	clear, D	0	cu, cr-hz, D ...	2	cu, cr-hz, D ...	2
26	cu,hz	2	clear	0	clear	0	cu	2	cu, cu-st, cr-hz ...	4	cu, hz	2
27	clear	0	sc-cu, hz	2	sc-cu, hz	1	sc-cu, hz	2	cu, cr-hz	3	ny-clear, D... ...	0
28	cu, hz	1	cu, cr-st, hz ...	1	cu, cr-st, hz ...	1	cu-hor	1	... ...	...	... ...	...
29	... ...	...	... ...	...	... ...	...	... ...	...	cu, hz	3	cu, cu-st, cr-hz ...	5
30	cu, cu-st, cr-hz ...	5	fl-cu, hz	6	cu, cr-st, hz ...	4	cu, cr-st, hz ...	3	cu, cr-hz	3	ny-clear	0
31	cu, cr-cu, cr-hz ...	5	cu, cr-cu	2	cu	1	cu, cr-cu, cr-st ...	4	cu, cu-st	4	ny-clear	0

REMARKS ON THE WEATHER FOR THE MONTH OF FEBRUARY 1860

1	clear	0	clear	0	clear	0	ny-clear	0	cu, cr-hz	3	cu, cr-hz	2
2	clear	0	lt-cu, cr-st, hz ...	2	fl-cu, cr-st, hz ...	3	cr-hz, cr-st	3	cu-hor, D	2	cu-hor	2
3	cu, cr-st, hz ...	3	cu, cr-st, hz ...	3	cu, cr-st, hz ...	2	cu, cu-st, cr-hz ...	3	cu, cu-st	3	cu, cu-st	2
4	cu, cr-hz	1	clear	0	clear	0	clear, D	0	... ...	...	... ...	...
5	... ...	...	... ...	...	... ...	...	... ...	...	cu, cu-st	4	cu, cu-st	3
6	cu, cr-st	1	lt-cu, cr-st, hz ...	1	ny-clear	0	ny-clear, D... ...	0	clear, D	0	cu, hz	2
7	cu, cr-st, hz ...	3	cu, cu-st, hz ...	3	cu, cu-st, hz ...	2	cu, cr-hz, D ...	3	cr, cr-hz	2	cr-cu, cr-st ...	2
8	cu, cr-st, d-hz ...	6	cu, cr-st, d-hz ...	6	cu, cr-st, d-hz ...	6	cu, cr, cr-hz, D ...	7	cr-st, cr-hz	4	cr-st, cr-hz, D ...	5
9	cu, cr-st, hz ...	6	cu, d-hz	6	cu, d-hz	5	cu, cr-st, d-hz ...	5	cu, cr-st, d-hz, D ...	5	cu, cr-st, d-hz, D ...	5
10	cu, cr-st, hz ...	5	cu, cu-st, hz ...	4	cu, hz	1	cu, cr, cr-hz ...	3	cu, cu-st, cr-cu, cr-hz, D	6	cu, cu-st, cr-cu, cr-hz, D	5
11	lt-cu, cr-st	1	ny-clear	0	ny-clear	0	clear	0	... ...	...	... ...	...
12	... ...	...	... ...	...	... ...	...	... ...	...	cu, cr, cr-hz, D ...	2	ny-clear, D... ...	0
13	clear	0	clear	0	clear	0	clear	0	clear, D	0	clear, D	0
14	clear	0	cr, cr-st	1	ny-clear	0	clear	0	clear	0	cu, cr-hz	3
15	cu, cr-st, hz ...	3	cu, cr-st, hz ...	3	cu, cr-st, hz ...	3	cr, cr-hz	2	cu, cr-hz	2	cu, cu-st, cr-hz ...	4
16	cu, cr-st, hz ...	3	cr-st, hz	2	cr-st, hz	2	cu, hz	1	cr-st, cr-hz... ...	3	cr-st, cr-hz	4
17	cu, cr-cu, cr-st, d-hz.	6	cu, cr-st, d-hz ...	6	cu, cr-st, d-hz ...	6	cu, d-hz	5	cu, cr; cr-hz ...	4	cu, cr, cr-hz ...	2
18	cu, cr-st, cr-cu ...	2	cu, cr-st, cr-cu ...	1	cu, cr-st, hz ...	3	cu, cr, cr-st, d-hz ...	5	... ...	...	... ...	...
19	... ...	...	... ...	...	... ...	...	... ...	...	cr-st, cr-hz ...	2	cu, cr-st, cr-hz ...	3
20	lt-cu, cr-st, hz ...	2	cu, cr-st, hz ...	4	cr-st, hz	1	sc-cu, hz	2	cu, cr-hz	3	cu, cu-st, cr-hz ...	3
21	cu, cr-st, hz ...	3	fl-cu, cr-st, hz ...	3	cu, cr-st, hz ...	3	ny-clear	0	cu, cu-st, cr-hz ...	3	cu, cu-st, cr-hz ...	3
22	clear	0	clear	0	clear	0	cu, hz	1	cu, cr-hz	2	ny-clear	0
23	clear	0	clear	0	clear	0	clear	0	cu, cr-hz	2	cu, cr-hz	2
24	cr, cr-st	1	cr, cr-st	1	clear	0	clear	0	cu, hz	2	cu, hz	3
25	cr-st, cr-hz... ...	3	cr-st, cr-hz	3	clear	0	clear	0	... ...	...	... ...	...
26	... ...	...	... ...	...	... ...	...	... ...	...	cr-st, cr-hz	2	cu, cr-hz	3
27	cu, cr	1	cu, hz	1	ny-clear	0	clear	0	cu, cr-hz	2	cu, cr-hz	2
28	clear	0	clear	0	clear	0	clear	0	cr-st, cr-hz	2	ny-clear	0
29	clear	0	clear	0	clear	0	clear	0	cr-st, cr-hz, D ...	2	cr-st, cr-hz	1

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE

ard....around
cld....clouds or cloudy
cr or ci. cirri or cirro or cirrous
cu.....cumuli or cumulo
D.....dew
d.....dense
dis...distant
dt.....detached
E.....east
fg.....fog
fk.....forked
fl.....flying
fr.....frequent
g.....ground
hy...heavy
hl....halo
hor..horizon
hz.... haze or hazy
ld....loud
lg.... lightning
lt.....light
mt....meteor
N.....north
nim..nimbi
ny ...nearly
ov....overhead
ovt...overcast
ps....peals
pt.....part or partly or partial
R.....rain
r-b....rain-bow
S.....south
sc.....scattered
sh....sheet
st.....stratus
th....thunder
thi...thick
v.....very
viv...vivid
W....west

REMARKS ON THE WEATHER FOR THE MONTH OF JANUARY 1860

Date	12	Cloudy sky in 8ths	14	Cloudy sky in 8ths	16	Cloudy sky in 8ths	18	Cloudy sky in 8ths	20	Cloudy sky in 8ths	22	Cloudy sky in 8ths	Thermometers: Radiation Sol.	Radiation Ter.	Air Max.	Air Min.
...	... ...	...	... ...	...	... ...	...	... ...	..	... ...	...	... .	...	104·7	—	78·7	66·2
1	cu, cr-hz, D ...	3	cu, cr-st, cr-hz..	5	cu, cr-st, cr-hz ...	5	cu, cr-st, cr-hz ...	4	cu, cr-st, cr-hz ...	3	d-cr-hz, cr-st ...	4	109·5	—	80·1	65·1
2	clear, D ...	0	cu, cr, d-cr-hz...	4	cr-st, d-cr-hz ...	6	cr-st, d-cr-hz ...	6	d-cr-hz, cu ...	7	d-cr-hz, cu ...	7	105·7	—	81·5	66·0
3	cu,cr-st,cr-hz,D	3	cu, cr-st, cr-hz..	4	cu, cr, cr-hz ...	4	cu, cu-st, cr-hz,nim	6	cu, cr-hz	4	cu, cu-st, cr-st,hz.	4	106·6	—	81·2	67·0
4	cu, cr-st, hz, D..	1	cu, cu-st, cr-hz..	3	cu, cu-st... ...	1	cu, cu-st, cr-hz,nim	4	cu, cu-st, cr-hz ...	6	cu, cr-hz	3	103·8	—	79·7	66·9
5	cu, hz	2	cu, cr-st, hz ...	2	cr-st, hz	3	cu, cr-cu, cr-hz ...	4	cu, cr, cr-hz ...	3	cu, cr-cu, cr-hz ...	3	109·7	—	79·8	64·1
6	cu, cr-hz, D ...	3	cu, cu-st, cr-hz.	4	cr, cr-st, cr-hz ...	5	cr, cr-st, cr-hz ...	6	cr, d-cr-hz ...	7	cr, d-cr-hz ...	6	106·2	—	78·7	67·0
7	... ...	...	... ...	...	... ...	...	... ...	...	.. ..	...	... ...	...	105·8	—	80·1	68·7
8	ovt	8	cr-cu, cr-hz ...	5	cr-cu, hz	3	cr-cu, cr-hz ...	3	cr-cu, cr-hz ...	3	cr-cu, cr-hz ...	3	106·0	—	81·5	70·2
9	sc-cu	1	sc-cu	2	sc-cu, cu-st ...	4	cu, cu-st, cr-hz ...	5	sc-cu	3	cu, hz	3	105·9	—	81·6	68·9
10	sc-cu, hz, D ...	2	cu, cu-st, cr-hz.	3	cu, cu-st, cr-hz ...	3	cu, cu-st	5	cu, cu-st, cr-hz ...	4	cu, cu-st, cr-hz ...	4	106·4	—	81·3	69·8
11	clear, D ...	0	cu, cr-st, cr-hz..	3	cu, cr-st, cr-hz ...	3	cu, cr-st, cr-hz ...	4	sc-cu, hz	4	cu-hz	3	108·8	—	80·4	68·5
12	fl-cu, D ...	5	cu, hz, D ...	5	fl-cu, cr-st, hz ...	5	cu, cr-st, hz ...	4	cu, cu-st	5	sc-cu	3	110·5	—	79·8	68·9
13	cu, cu-st, cr-hz.	7	cu, cu-st, cr-hz..	8	cu, cu-st, hz ...	6	cu, cu-st, hz ...	4	cu, hz	3	cu, cu-st, cr-hz ...	6	105·3	—	79·8	72·4
14	... ...	...	... ...	...	... ...	...	... ...	..	... ...	...	... ...	...	110·5	—	79·9	72·1
15	cu, hz	8	cu, hz	8	cu, cr-hz... ...	4	cu, cr-cu, cr-hz ...	6	sc-cu	3	sc-cu, cr-hz ...	3	105·5	—	80·9	67·5
16	cu-hor	1	cu, cr	3	cu, cr, cr-hz ...	3	cu, cu-st, cr-hz ...	4	cu, cu-st, cr-hz ...	6	cu, cu-st, hz ...	4	104·6	—	81·9	68·4
17	sc-cu, cr, D ...	2	cu, cr-cu, cr ...	3	cu, cr-st, cr-hz ...	3	cu. cu-st, cr-hz ...	4	sc-cu	1	sc-cu	1	105·1	—	81·0	68·2
18	clear, D ...	0	clear	0	hz	1	cu, hz	1	cr-st, hz	1	cr-st, hz	2	106·0	—	80·9	65·9
19	clear, D ...	0	clear	0	ny-clear	0	cu, cr-hz... ...	2	clear	0	clear	0	104·7	—	79·4	65·2
20	cu, hz, D ...	5	cu, cu-st, cr-hz..	6	cr, cr-hz	3	cu, cr-cu, cr-hz ..	4	fl-cu	3	cu, cu-st, hz ...	4	107·7	—	81·1	69·3
21	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	107·5	—	81·4	69·1
22	cu, hz, D ...	2	cr-cu, hz ...	4	cu, cr-cu	6	cu, cu-st, cr-hz ...	6	cu, cr-hz	8	cu, cu-st hz ...	5	104·2	—	80·6	68·3
23	ovt	8	cu, cr-hz ...	4	cu,cu-st, cr-hz ...	5	cu, cu-st, hz ...	5	fl-cu	3	cu, cr-st, ...	1	111·4	—	81·8	70·1
24	clear, D ...	0	cu, hz	2	cu-hor	2	cu, cr-hz ..	1	clear	0	clear	0	107·3	—	80·5	66·1
25	clear, D ..	0	clear, D ...	0	ny-clear	0	cu, cr-hz ...	3	cu, cr-hz ...	2	cu, cr-hz ...	3	104·4	—	80·2	62·9
26	cu, hz, D ...	1	cu, cu-st, D ...	4	cu, cu-st, cr-hz ...	4	cu, cr-hz ...	3	ny-clear	0	clear	0	110·6	—	81·2	66·5
27	cu, hz, D ...	3	cu, cu-st, cr-hz..	4	cu, cu-st, cr-hz ...	3	cu, cu-st ...	3	cu, cr	2	cu, cr	2	105·5	—	82·1	67·4
28	... ...	...	... .	...	... ...	...	... ...	...	... ...	...	... ...	...	107·8	—	81·2	69·3
29	cu, cu-st, hz ...	7	cu, cu-st, hz ...	6	cu, cr, cr-hz ...	5	cu, cu-st, cr-hz,nim	7	cu, cu-st, cr-hz ...	6	cu, cu-st, cr-hz ...	7	109·1	—	82·4	70·0
30	cu, cu-st, cr-hz.	6	cu, hz	3	cu, hz	3	fl-cu, hz, nim ...	6	fl-cu, hz	6	cu, cr-cu, cr-hz ...	6	106·5	—	82·9	71·6
31	ny-clear ...	0	cu, cr-st ...	2	cu	1	clear	0	ny-clear	0	ny-clear	0	110·7	—	82·1	71·1

REMARKS ON THE WEATHER FOR THE MONTH OF FEBRUARY 1860

1	clear	0	clear	0	cu, hor	2	cu, hz	2	cu, hz	1	clear	0	113·7	—	82·8	68·4
2	ny-clear, gd-fg..	0	cu, cr	3	cu	2	cu, hz	3	clear	0	cu, cr-st, hz ...	1	108·5	—	82·7	68·3
3	cu, cu-st ...	2	cu, cr-cu, cr-st..	4	cr-st, hz	2	cu, cr-hz	3	cu, cr-hz	3	cu, cr-hz, ...	2	107·0	—	82·2	69·1
4	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	124·2	—	82·1	67·5
5	cu, cu-st, D ...	2	cu, cr	2	cr, cr-hz	2	cu, cu-st, cr-hz ...	3	cu, hz	2	cu, cr-st, hz ...	3	122·6	—	82·0	68·1
6	cu, hz, D ...	2	ny-clear ...	0	clear	0	cu, hz	1	cr, cr-st, cr-hz ...	2	cu, cr-st, hz ...	3	113·8	—	82·6	67·2
7	cr-st, cr-hz, D...	5	cu, cr-st, cr-hz...	4	cu, cr-st, cr-hz ...	3	cu, cr-cu, cr-hz ...	7	d-cr-hz, cr-cu ...	6	cu, cr-st, d-hz ..	6	115·4	—	84·6	69·7
8	cr-st, cr-hz, D...	5	cr-st, cr-hz ...	5	cu, cr, d-cr-hz ...	6	cr, cr-hz	6	d-cr-hz, cr ...	7	cu, cr-st, d-hz ...	7	112·0	—	85·7	69·8
9	cu, d-cr-hz ...	5	cu, cr-cu, d-hz, gd-fg ...	6	cu, cr, d-hz ...	6	cu, cr, d-cr-hz ...	6	cr, cr-hz, cr-st ...	5	cu, cr-st, d-hz ...	6	110·9	—	83·5	67·4
10	cr-st,cr-hz,gd-fg.	3	cu, cr-cu, cr-hz, gd-fg ...	4	cu, cr-hz	3	cr-st, cr-hz ...	4	cr, cr-hz	1	cu, cr-st, hz ...	1	119·9	—	84·9	67·5
11	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	119·0	—	84·3	70·0
12	ny-clear, gd-fg..	0	clear, fg ...	0	sc-cu, hz ...	1	ny-clesr	0	clear	0	clear	0	115·4	—	82·9	69·9
13	clear, D ...	0	clear, fg ...	0	sc-cu	2	sc-cu	2	ny-clear	0	clear	0	113·4	—	83·7	68·5
14	cu, cu-st, D ...	3	cu, cr-cu, hz ...	4	cu, cu-st, cr-hz ...	4	cu, hz	3	cu, cu-st, cr-st ...	3	cu, cr-st, cr-hz ...	3	115·0	—	84·7	69·3
15	cu, cu-st, cr-hz.	4	cu, cr-st, cr-hz..	3	cu, cr-st, cr-hz ...	3	cu, cu-st, cr-st ...	5	cu, cr-hz	3	cu, cr-st, hz ...	5	113·2	—	84·1	71·6
16	cu, cr-hz ...	5	cu, cu-st, cr-hz..	6	cu, cu-st, cr-hz ...	6	fl-cu, cu-st ...	5	cu, cr-hz, cr ...	5	cu, cr-st, hz ...	4	115·9	—	84·9	74·0
17	cu, cr-hz ...	3	cu, cr-st, hz ...	4	cu, cr-st, hz ...	4	cu, cu-st, cr-st ...	5	cu, cr-hz, cr-st ...	4	cu,cr-cu,cr-st, hz..	3	121·8	—	86·7	74·2
18	... ...	..	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	118·8	—	85·4	75·1
19	cu, cr-hz ...	2	cu, cr-st, hz ...	3	cu, cr-st	2	ny-clear	0	cu, cr-st	1	cu, cr-st, hz ...	2	112·0	—	86·2	71·4
20	cu, hz	2	cu, cr-st, cr-hz..	3	cu, cu-st, cr-hz ...	4	fl-cu	1	sc-cu, cu-st ...	3	sc-cu, hz	3	117·0	—	85·0	71·6
21	cu, cu-st ...	2	cu, cu-st, cr-hz..	3	cu, cu-st, cr-hz ...	3	fl-cu, cu-st ...	5	cu, cr- hz... ...	1	cu, cr-hz	1	115·4	—	85·3	72·9
22	cu, cu-st ...	2	cu, cu-st, cr-hz..	3	sc-cu, hz	2	cu, cr-hz	3	cu-hor	1	clear	0	109·0	—	86·3	71·9
23	cu, cu-st ...	3	cu, cr-hz ...	3	cu, cu-st, cr-hz ...	3	ny-clear	0	clear	0	clear	0	107·6	—	87·0	73·1
24	clear	0	clear	0	cu, hz	1	cu, hz	1	cr-st, cr-hz ...	3	cr-st, cr-hz ...	2	108·0	—	85·6	72·2
25	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	116·0	—	86·3	73·1
26	cu, cr-hz ...	2	cu, cr-hz ...	2	ny-clear	0	clear	0	clear	0	cu-st, cr-st ...	2	119·8	—	89·5	74·1
27	clear	0	cu, cu-st, cr-hz..	3	cu, cu-st, cr-hz ...	4	fl-cu	3	cu, hz	1	clear	0	118·2	—	87·8	73·4
28	cu, cr-hz, D ...	2	cr, cr-hz ...	1	clear	0	clear	0	clear	0	clear	0	114·4	—	89·1	70·5
29	clear, D	0	cr-st, cr-hz ...	2	ny-clear	0	cr, cr-hz	2	clear	0	clear	0	114·0	—	90·6	71·4

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE

ard....around
cld.....clouds or cloudy
cr or ci. cirri or cirro or cirrous
cu.....cumuli or cumulo
D .....dew
d .....dense
dis.....distant
dt.....detached
E .....east
fg.....fog
fk.....forked
fl.....flying
fr.....frequent
g.....ground
hy .....heavy
hl .....halo
hor ...horizon
hz .....haze or hazy
ld.....loud
lg .....lightning
lt.....light
mt.....meteor
N .....north
nim....nimbi
ny .....nearly
ov.....overhead
ovt.....overcast
ps.....peals
pt.....part or partly or partial
R .....rain
r-b.....rain-bow
S.....south
so.....scattered
sh.....sheet
st .....stratus
th.....thunder
thi.....thick
v.....very
viv.....vivid
W .....west

REMARKS ON THE WEATHER FOR THE MONTH OF MARCH 1860

Date	Göttingen Mean Time NOON	Cloudy sky in 8ths	2	Cloudy sky in 8ths	4	Cloudy sky in 8ths	6	Cloudy sky in 8ths	8	Cloudy sky in 8ths	10	Cloudy sky in 8ths
1	cr, cr-st	1	cr-st, hz	1	cr-st, hz	1	clear	0	clear, D	0	clear, D	0
2	clear	0	clear	0	clear	0	clear	0	clear	0	clear	0
3	clear	0	clear	0	clear	0	clear	0	..	0	..	..
4	...	...	...	...	...	...	...	...	clear	0	clear	0
5	clear	0	clear	0	clear	0	clear	0	clear	0	clear	0
6	clear	0	clear	0	clear	0	clear	0	clear	0	clear	0
7	clear	0	clear	0	clear	0	clear	0	clear	0	clear	0
8	clear	0	clear	0	clear	0	clear	0	clear	0	clear	0
9	clear	0	clesr	0	ny-clear	0	sc-cu	1	clear	0	clear	0
10	cu, cr	1	cu, cr-st, hz	1	ny-clear	0	clear	0	...	...	...	.
11	...	...	...	...	...	...	...	...	cu, cr-hz	3	cu, cr-hz	3
12	clear	0	clear	0	clear	0	clear	0	clear	0	clear	0
13	clear	0	clear	0	clear	0	fl-cu	2	cu, hz	2	cu, cu-st, cr-hz	5
14	clear	0	clear	0	clear	0	clear	0	clear	0	cu, cr-hz	2
15	clear	0	cr-st, hz	1	cr-st, hz	1	cr-st, hz	2	clear	0	cu, hz	1
16	cu, cr-st, hz	2	cu, cr-st, hz	4	cu, cr-st, hz	3	ny-clear	0	ny-clear	0	cu, cr, d-cr-hz	6
17	cu, cr-st, d-hz	6	cu, cr-st, d-hz	6	cu, cr-st, d-hz	6	cr-cu, cr-hz	6	...	...	...	...
18	...	...	...	...	...	...	...	...	cr-cu, cr-hz	3	cr-cu, cr-hz	4
19	cu, cr-st, d-hz	7	cu, cr-st, hz	6	cu, cr-st, hz	2	cu, cr-st, hz	3	cu, cr, d-hz	5	cu, cr, d-hz	3
20	cu, cr-st, cr-cu, hz	3	cu, cr-st, hz	2	cu, cr-st, hz	2	cu, hz	1	cu, cr, d-hz	3	cu, cr-hz	2
21	clear	0	clear	0	clear	0	cr-st	1	cr, cr-hz	2	ny-clear	0
22	clear	0	clear	0	clear	0	clear	0	clear	0	clear	0
23	clear	0	clear	0	clear	0	clear	0	clear	0	fl-cu	2
24	clear	0	clear	0	clear	0	clear	0	...	...	...	...
25	...	...	...	...	...	...	...	...	cu, cr, cr-st	3	cu, cr, d-hz	3
26	clear	0	clear	0	clear	0	cu	1	clear	0	clear	0
27	clear	0	clear	0	clear	0	clear	0	clear	0	cr, d-cr-hz	4
28	clear	0	clear	0	clear	0	clear	0	clear	0	clear	0
29	clear	0	clear	0	clear	0	clear	0	clear	0	clear	0
30	clear	0	cu, hz	1	ny-clear	0	ny-clear	0	ny-clear	0	clear	0

REMARKS ON THE WEATHER FOR THE MONTH OF APRIL 1860

Mar. 31	cr-st, d-cr-hz	3	cr-st, d-cr-hz	4	cr-st, d-cr-hz	2	clear	0	...	...	...	...
1	...	...	...	...	...	...	...	...	clear	0	clear	0
2	ny-clear	0	cr-st, hz	1	cr-st, hz	1	clear	0	cu, cr-hz	2	cu, cr-hz	3
3	cr, cr-hz, cr-st	7	d-cr-hz, cr-st	6	d-cr-hz, cr-st, hl-☽	5	cr-st, cr-hz	6	cr-st, d-hz	4	cr-st, d-hz	5
4	cr-cu, d-cr-hz	7	cr-cu, cr-hz	7	cr-cu, cr-hz	7	cr-cu, d-cr-hz	6	cr-st, d-cr-hz	5	cr-st, d-cr-hz	6
5	d-cr-hz, cr, cr-cu	6	d-cr-hz, cr, cr-cu	6	d-cr-hz, cr-st, hl-☽	5	d-cr-hz, hl-☽	6	cu, cr-st, d-cr-hz	6	cu, cr-st, d-cr-hz	6
6	cr, cr-hz	3	cr, cr-st	3	cr, cr-st, hl-☽	3	cr, cr-hz	2	ny-clear hl-☽	0	cr-st, cr-hz	6
7	cr-st, cr-hz	5	cr-st, hz	5	cr-st, hz	5	cr-st, hz	2	...	...	...	...
8	...	...	...	...	...	...	...	...	d-cr-hz	8	d-cr-hz	7
9	cr, d-hz	7	cr, d-hz	7	cu, cr, d-hz	7	cu, cr, d-hz	6	cu, cr-st, d-hz	6	ovt	8
10	cu, d-hz	4	cu, d-hz	3	cu, d-hz	3	cu, d-hz	3	cu, cr, d-cr-hz	3	cr, d-cr-hz	2
11	cu, cu-st, cr-hz	3	cu, cu-st, cr-hz	3	ny-clear	0	ny-clear	0	clear	0	clear	0
12	clear	0	cu, cr-st, hz	3	cu, cr-st, hz	2	cu, cr-st, hz	2	cu, cr-hz	3	ny-clear	0
13	ny-clear	0	cr-st, hz	2	ny-clear	0	clear	0	ny-clear	0	ny-clear	0
14	cu, hz	1	lt-cu, cr-st, hz	1	clear	0	clear	0	...	...	...	...
15	...	...	...	...	...	...	...	..	cr-st, cr-hz	2	cr-st, cr-hz	2
16	ny-clear	0	ny-clear	0	ny-clear	0	ny-clear	0	clear	0	cu, cr-hz	3
17	cr, cr-st, hz	1	cr, cr-st, hz, lt-cu-st	1	ny-clear	0	clear	0	cu, cr-hz	3	cu, cr-hz	2
18	cr-st, hz	1	cr-st, hz	1	ny-clear	0	clear	0	cu, cr-hz	3	ny-clear	0
19	ny-clear	0	ny-clear	0	clear	0	clear	0	clear,	0	clear	0
20	clear	0	clear	0	clear	0	clear	0	clear	0	clear	0
21	clear	0	clear	0	clear	0	clear	0	...	...	...	...
22	...	...	...	...	... [hor	...	...	...	clear	0	clear	0
23	ny-clear	0	cu, cr-st	1	lt-cu, cr-st, sh-lg-N-	1	ny-clear, sh-lg-NW.	0	clear	0	clear	0
24	cu, cr-st, hz	1	cu, cr-st, hz	1	clear	0	clear	0	clear	0	clear	0
25	cr-st, hz	1	cr, cr-st	1	clear	0	clear	0	cu, cr-hz	6	cu, cr-hz	2
26	clear	0	cr-st, cr	1	clear, sh-lg-NE-hor.	0	clear	0	clear	0	clear	0
27	ny-clear	0	clear	0	clear	0	clear	0	cu, hz	1	clear	0
28	cr, cr-hz	2	cu, cr-st, hz	2	cr-st, cr	1	cr-st, cr	2	...	...	...	...
29	...	...	...	...	...	...	...	...	clear	0	clear	0
30	clear	0	clear	0	clear	0	clear	0	clear	0	clear	0

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE

ard ..around
cld...clouds or cloudy
cr or ci.cirri or cirro or cirrous
cu ...cumuli or cumulo
D ....dew
d ....dense
dis ...distant
dt....detached
E.....east
fg ....fog
fk ....forked
fl .....flying
fr ....frequent
g .....ground
hy ...heavy
hl....halo
hor...horizon
hz ..haze or hazy
ld ....loud
lg ...lightning
lt.....light
mt ...meteor
N. ...north
nim..nimbi
ny....nearly
ov ....overhead
ovt...overcast
ps ....peals
pt ...part or partly or partial
R. ....rain
r-b ...rain-bow
S .....south
sc...scattered
sh ....sheet
st ....stratus
th ....thunder
thi ..thick
v .....very
viv ...vivid
W ....west

REMARKS ON THE WEATHER FOR THE MONTH OF MARCH, 1860

Date	12	Cloudy sky in 8ths	14	Cloudy sky in 8ths	16	Cloudy sky in 8ths	18	Cloudy sky in 8ths	20	Cloudy sky in 8ths	22	Cloudy sky in 8ths	Thermometers: Radiation Sol.	Radiation Ter.	Air Max.	Air Min.
1	cr, cr-hz, D ...	1	cr, cr-hz ...	1	ny-clear	0	clear	0	clear	0	clear	0	115·7	—	91·7	72·2
2	cu, cr-st, cr-hz..	2	cu, cr-hz ...	2	ac-cu, hz	2	clear	0	clear	0	clear	0	111·6	—	88·0	73·2
3	... ...	..	... ...	...	... ...	..	... .	...	... ...	...	.. ..	...	109·0	—	87·8	72·0
4	clear, D ...	0	cr, cr-hz ...	1	cu, hz	1	ny-clear	0	clear	0	clear	0	108·4	—	86·3	70·8
5	clear, D ...	0	ny-clear ...	0	ny-clear	0	clear	0	clear	0	clear	0	109·8	—	87·2	70·2
6	ny-clear, D ...	0	cu, cr-cu, hz, D.	3	cu, cr-hz... ...	3	clear	0	clear	0	clear	0	113·0	—	89·3	71·0
7	clear, D ...	0	clear, D ...	0	sc-cu	3	clear	0	clear	0	clear	0	105·4	—	88·1	72·
8	clear, D ...	0	cu, hz	2	cu, cr-hz	4	cu, cr-hz	4	cu, cr-hz	4	cu, cr	1	107·8	—	87·7	72·5
9	cu, cr-cu ...	3	cu	2	clear	0	clear	0	cu, hz	1	cu...	1	110·5	—	90·1	76·0
10	... .	...	... ...	...	... .	..	... ...	...	... ...	...	... ...	...	113·0	—	87·4	75·5
11	ny-clear ...	0	cu-hor, D ...	2	cu, hz	3	clear	0	clear	0	clear	0	113·6	—	88·6	73·4
12	cu, cu-st ...	3	cu cu-st, cr-hz.	2	cu, cu-st, cr-hz ...	6	cu, cu-st	3	cu, hz	1	cu, cr	1	114·9	—	87·4	72·7
13	cu, cu-st, cr-hz.	3	cu, cu-st, cr-hz .	4	cu, cu-st, cr-hz ...	4	cu, hz	1	clear	0	clear	0	115·4	—	87·4	73·1
14	cu, cr-hz ...	3	cu, cr-hz ...	3	cu, cu-st, cr-hz ...	5	cu, hz	2	cu, cu-st	2	cu, cr-st	1	112·0	—	87·5	73·9
15	ny-clear ...	0	cu, cr-hz ...	3	cu, cu-st, cr-hz ...	4	ny-clear	0	cu, cr-st, cr-hz ...	2	lt-cu, cr-st, hz ...	1	110·3	—	89·3	73·5
16	cu, cr, d-cr-hz ..	6	cr-cu, cr-hz ...	7	cu, cr-cu, hz ...	6	cu, cr-hz	4	cu, cr-st, d-cr-hz...	7	cu, cr-st, d-cr-hz..	7	1 5·4	—	90·3	76·9
17	... ...	...	... ...	..	... ...	...	... ...	...	... ...	...	... ...	...	114·2	—	90·8	78·8
18	cu, cr-cu, cr-hz.	6	cu, cr-cu, cr-hz.	6	cu, cu-st, d-hz ...	6	cu, cu-st, d-hz ...	7	cu, cr-hz	8	cu, cr-hz	7	113·2	—	90·0	77·1
19	cu, hz	1	cu, cr-cu, hz, D.	4	cu, cu-st, cr-hz ...	5	cu, cr-cu, cr-hz ...	6	cu, cr-hz	3	cu, cr-st, cr, cr-hz	5	112·2	—	89·9	76·4
20	cu, cr-hz ...	2	cu, cr-hz ...	3	cu, cu-st, cr-hz ...	5	cu, hz	1	ny clear	0	ny-clear	0	112·1	—	89·3	73·2
21	ny-clear ...	0	ny-clear	0	fl-cu, hz	2	ny-clear	0	ny-clear	0	ny-clear	0	110·9	—	89·4	73·2
22	clear	0	cu, hz	1	cu, cr-hz	3	ny-clear	0	clear	0	clear	0	115·8	—	89·6	73·9
23	fl-cu	3	cu, cr-hz ...	2	cu, cr-hz	3	cr, d-cr-hz ...	3	cu, hz	1	ny-clear	0	108·9	—	90·6	74·9
24	... ...	...	... ...	...	... ...	...	.. ..	..	... ...	...	... ...	...	110·5	—	91·3	74·6
25	cu, cr-hz ...	2	cu	1	cu, hz	1	clear	0	ny-clear	0	clear	0	121·5	—	94·8	76·0
26	clear	0	cr, hz	1	cu, cr-hz	2	clear	0	clear	0	clear	0	114·0	—	91·5	75·7
27	cr, d-cr-hz ...	3	cu, cu-st, cr-hz.	6	cu, cu-st, cr-hz ...	4	clear	0	clear	0	clear	0	114·2	—	93·3	78·2
28	clear	0	cu	2	cu, hz	1	clear	0	clear	0	clear	0	118·3	—	95·2	77·7
29	cu, cr-hz ...	3	cu, hz	1	cu, hz	1	clear	0	clear	0	clear	0	110·7	—	91·9	76·4
30	cu, cr-hz ...	2	cu, cr-hz ...	3	cu, cu-st, cr-hz ...	5	cu, cr, cr-hz ...	4	lt-cr-hz, cr-st ...	3	lt-cr-st, cr-hz ...	2	111·0	—	91·3	75·5

REMARKS ON THE WEATHER FOR THE MONTH OF APRIL, 1860

...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	119·0	—	91·5	78·1
1	cu, cr-hz ...	3	ny clear ...	0	clear	0	clear	0	cr, lt-cr-hz ...	3	ny-clear	0	113·2	—	92·5	79·1
2	cu, cr-hz ...	2	cr, cr-hz, cr-st...	3	cr-st, cr-hz ...	3	cr-st, cr-hz ...	3	cr-st, hz	3	cr-hz, cr-st ...	4	111·0	—	94·1	79·1
3	ny-ovt...	7	ovt	8	cr, d-cr-hz ...	6	cr, d-cr-hz ...	6	cr, cr-cu, d-hz ...	8	cr-cu, d-cr-hz ...	7	114·0	—	94·3	79·6
4	cr-st, d-cr-hz,D	6	cr-cu, d-cr-hz...	6	cu, d-cr-hz ...	6	cu, cu-st, d-hz ...	6	cu, cr-hz	3	d-cr-hz, cr, cr-cu..	5	110·0	—	93·3	79·0
5	cu, cr-hz ...	3	cu, d-cr-hz ...	5	cu, hz	3	cu, hz	2	cu, hz	2	cu, hz	2	118·0	—	93·5	79·1
6	cr, cr-cu,cr-hz...	5	cu, d-cr-hz ...	7	cu, d-hz	5	cu, cr-hz... ...	7	cu, cr-hz	7	cu, cr-hz	7	105·9	—	90·5	77·3
7	.. ..	...	... ...	..	... ...	..	... ...	...	... ...	...	... ...	...	105·6	—	91·8	75·0
8	d-cr-hz, cr-st ...	8	ovt	8	cu, d-hz	7	cu, d-hz	7	cu, cu-st, d-hz ...	6	cu, cu-st, d-hz ...	6	113·0	—	92·3	78·0
9	ovt	8	cu, cr-st, d-hz...	6	cu, cr-st, hz ...	4	cr, cr-hz	4	cu, d-hz	6	cu, d-hz	6	122·0	—	95·4	78·3
10	cr, d-cr-hz ...	2	cr, d-cr-hz ...	3	cr, d-cr-hz ...	3	hz...	1	cr-st, cr-hz ...	2	cu, cr-hz	3	126·8	—	99·7	79·4
11	clear	0	clear	0	cr-hz	2	ny-clear	0	clear	0	clear	0	124·5	—	98·7	80·1
12	clear	0	cu, cr-cu, hz ...	3	cu, cr-hz	2	clear	0	clear	0	clear	0	124·1	—	100·9	81·6
13	ny-clear ...	0	cr, cr-hz ...	2	clear	0	cu, hz	1	cu, hz	2	cu, hz	1	118·5	—	96·1	81·6
14	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	.. ..	...	107·2	—	90·4	80·1
15	cu, cr-hz, ...	2	cu, cr-hz ...	2	cu, cr-hz	3	cu, hz	2	cu, hz	1	ny-clear	0	110·5	—	93·7	78·8
16	cu, cr-hz ...	3	cu, hz	3	fl-cu, cr-cu, hz ..	4	cu, cr, cr-hz ...	3	cu, cr, cr-hz ...	2	cr-st, hz	1	113·5	—	91·7	78·9
17	cu, cr-hz ...	2	clear	0	cu, cu-st	2	clear	0	clear	0	cr-st, hz ...	1	113·0	—	92·0	78·3
18	clear, ...	0	clear	0	cu, cr-hz	1	ny-clear	0	ny-clear	0	ny-clear	0	112·0	—	91·7	75·2
19	cu, hz	1	cu, cu-st, cr-hz..	5	cu, cu-st, cr-hz ...	4	cu, cr-hz	3	ny-clear	0	lt-cu, cr-st ...	1	108·2	—	90·7	75·6
20	clear	0	clear	0	cu, cr-hz... ...	3	clear	0	clear ...	0	clear	0	112·2	—	93·0	75·4
21	... .	..	... .	..	... ...	...	... ...	...	... ...	...	... ...	...	115·5	—	93·2	79·1
22	cu, cr-hz ...	2	cu, cr-hz ...	1	cu, cr-cu, hz ...	2	cu, cr-hz	3	clear	0	ny-clear ...	0	114·2	—	94·3	79·3
23	clear	0	cu, hz	1	cu, hz	1	clear	0	clear	0	clear	0	112·2	—	92·8	80·0
24	clear	0	ny-clear ...	0	cu, cr-hz... ...	2	ac-cu	2	cu-hor	1	cu, hor	1	107·8	—	92·1	78·5
25	cu	1	ny-clear ...	0	clear	0	clear	0	clear	0	clear	0	104·0	—	92·4	77·2
26	clear	0	cr, cr-hz ...	2	ny-clear	0	ny-clear	0	ny-clear	0	ny-clear	0	113·2	—	92·8	75·9
27	clear	0	cr, cr-hz ...	1	cu, hz	2	cr-st, cr-hz ...	3	cr, cr-hz	2	cr, cr-hz	4	111·7	—	92·5	76·9
28	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	119·0	—	94·1	79·4
29	clear	0	clear	0	clear	0	clear	0	clear	0	clear	0	113·0	—	95·1	78·0
30	clear	0	clear	0	clear	0	sc-cu	1	ny-clear	0	ny-clear	0	109·0	—	96·4	78·9

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE

ard...around
cld....clouds or cloudy
cr or ci. cirri or cirro or cirrous
cu.....cumuli or cumulo
D.....dew
d.....dense
dis..distant
dt....detached
E.....east
fg....fog
fk.....forked
fl.....flying
fr.....frequent
g.....ground
hy...heavy
hl ....halo
hor...horizon
hz....haze or hazy
ld.....lond
lg.....lightning
lt....light
mt...meteor
N.....north
nim..nimbi
ny....nearly
ov.....overhead
ovt.....overcast
ps...peals
pt....part or partly or partial
R.....rain
r-b..rain-bow
S.....south
sc.....scattered
sh...sheet
st....stratus
th...thunder
thi..thick
v.....very
viv..vivid
W ...west

REMARKS ON THE WEATHER FOR THE MONTH OF MAY, 1860

Date	Göttingen Mean Time NOON	Cloudy sky in 8ths	2	Cloudy sky in 8ths	4	Cloudy sky in 8ths	6	Cloudy sky in 8ths	8	Cloudy sky in 8ths	10	Cloudy sky in 8ths
1	cu, cr-st, hz ...	1	ny-clear	0	clear	0	clear	0	clear	0	fl-cu, hz	3
2	clear	0	clear	0	clear	0	clear	0	sc-cu, hz	2	cr-cu, hz	3
3	cu, cr-st, hz ...	1	clear	0	clear	0	ny-clear	0	clear	0	clear	0
4	cu, cr-st, hz ...	1	cu, cr-cu, cr-st, hz...	3	cu, hz	1	cu, hz	2	clear	0	cu, hz	2
5	cu, cr-st, hz ...	3	cu, cu-st, hz ...	3	cu, hz	1	cr-cu, hz	1	... ...	...	... ...	...
6	... ...	...	... ...	...	... ...	...	... ...	...	ny-clear	0	cr, cr-hz, cu ...	3
7	cu, cr-st	2	cu, cr-st, hz ...	2	ny-clear	0	clear	0	fl-cu...	3	fl-cu...	2
8	cu, cr-st	1	ny-clear, lg-W	0	ny-clear	0	clear	0	cr-cu, hz	3	sc-cr-cu	1
9	cu, cr-st, hz ...	3	cu, cr-st, hz ...	2	ny-clear	0	ny-clear	0	clear	0	clear	0
10	cu-st, cr-st, hz ...	2	cu-st, cr-st, hz ...	1	ny-clear	0	ny-clear	0	cr-cu, cr-hz... ...	6	cr-cu, cr-hz... ...	5
11	cu, cr-st, hz ...	2	cu-st, cr-st, hz ...	2	cu-st,cr-st,hz,lg-NW	1	ny-clear	0	clear	0	clear	0
12	cr, cr-cu, cr-hz ...	6	cr, cr-hz, cr-st ...	2	cr-hz, cr-st	1	clear	0	... ...	...	... ...	...
13	... ...	...	... ...	...	... ...	...	... ...	...	cr-hz, cr-st... ...	2	cr-hz, cr-st... ...	4
14	cu, cr-st, hz ...	2	cu-st,cr-st,hz,lg-NW	3	cu-st, hz, lg-N ...	2	cr, cr-hz, lg-S ...	2	cr-hz, cr-st	2	cr-hz, cr-st	3
15	cu, cr-st, hz ...	2	cu-st, cr-st, hz ...	2	cr-st, hz, lg-W ...	1	cr, cr-hz, lg-W ...	2	ny-clear	0	clear	0
16	cu, cr-st, hz ...	2	cu-st, cr-st, lg-W ...	3	cu, cu-st, cr-st,hz,lg-	3	cu, cu-st, cr-hz, nim.	4	cu, nim-SW ...	2	cr-cu, hz	2
17	cu, cr-st, hz ...	2	cu-st, cr-st, hz ...	2	cu, hz ... [W	1	cu-hor	1	clear	0	cu, hz	2
18	cu, cr-st	1	cu-st, cr-st	2	cu-st	1	cu, d-hz	2	cu, cr-st, cr-hz ...	5	cu, cr-hz	3
19	cu, cr-st, hz ...	3	cu, cr-st, hz ...	4	cu, cr-st, hz, lg-W...	2	ny-clear	0	... ...	...	... ...	...
20	... ...	...	... ...	...	... ...	...	... ...	...	clear	0	cr-st, cr-hz... ...	3
21	cr-st, hz	1	cr-st, hz	1	cr-st,hz, sh-lg-W-hor	1	cu, cr-hz	2	cu, cr, cr-hz ...	3	cu, hz	2
22	cu, cr-st, d-hz ...	6	cu, cr-st, d-hz ...	4	cu,cr-st,hz, sh-lg-SW	3	cu, cr-st, hz, sh-lg-SW..	3	ny-clear	0	cr, cr-hz	2
23	cu, cu-st, cr-cu,cr-hz	7	cu,cu-st,cr-cu,cr-hz..	7	cu, cr-st, lg-N ...	4	cu, cr-hz-hor, fr-lg-N ...	3	cu, cr-hz, sh-lg-NW.	3	cu, cr-cu, hz, sh-lg-NW	5
24	cu, cr-st, d-hz ...	5	cu-st, cr-st, lg-W ...	3	cu-st, cr-st, lg-W ...	3	cu-st cr-st, lg-NW ...	3	cu, cr, cr-hz, sh-lg-NW.	3	cu, cr-hz, sh-lg-W ...	3
25	cu, cr-cu, cr-hz ...	5	cu,cr-st,hz,sh-lg-SW	4	cu,cr-st,hz,sh-lg-SW	3	cu, cr-hz	2	cu, cr-hz	2	cu, cr-hz	2
26	cr-hz, cr-st ...	2	cr-hz, cr-st... ...	2	clear	0	ny-clear	0	... ...	...	... ...	...
27	... ...	...	... ...	...	... .	...	... ...	...	ny-clear	0	ny-clear	0
28	cu-st, cr-st, hz ...	3	cu, cu-st, cr-st, hz...	2	cu, cu-st, cr-st, hz...	4	cu, cr-cu	3	cu, cr-hz	2	cu, cr-hz	2
29	cu, cu-st, hz ..	3	cu,cu-st, hz... ...	2	cu, cu-st, cr-st, hz ...	6	cu, cr-cu, cr-hz, lg-SW..	4	cu, cr, cr-hz ...	2	cu, cr, cr-hz ...	2
30	hy-cu-st,cr, lg,th-WNW	4	cu,cu-st,nim, lg,th-WN	7	cu, cu-st, lg ...	7	cr-cu, d-hz, lg-W ...	5	cu, cr-cu, hz ...	4	cu, cu-st, cr-hz ...	4
31	cu, cr-st, hz ...	2	cu, hz, lg-W ...[W	2	cu, hz	1	cr-st, cr-hz	1	ny-clear	0	clear	0

REMARKS ON THE WEATHER FOR THE MONTH OF JUNE, 1860

1	cu, cr-st, hz ...	3	cu, cr-st, hz ...	2	cu, cr-st, hz ...	1	cr, cr-hz	2	cr-st, cr-hz... ...	2	cr-st, cr-hz	3
2	cu, cr-st, hz ...	3	cu, cu-st, hz ...	4	cu, cu-st, hz ...	6	cu, cr-st, cr-hz ...	4	... ...	...	... ...	...
3	... ...	...	... ...	...	... ...	...	... ...	...	cr-st, cr-hz	2	cu, hz	2
4	ny-ovt	7	cr, cr-cu, cr-st, cr-hz ...	7	cr, cr-cu, cr-st, cr-hz	6	cr, cr-cu, cr-st, cr-hz	6	ovt	8	ovt	8
5	ny-ovt	7	cu, d-hz	7	ny-ovt	7	cr-cu, cr-hz ...	7	ovt, ...	8	ovt	8
6	ovt	8	ovt	8	ovt	8	ovt, fr-sh-lg-SE ...	8	ovt	8	ovt	8
7	cu, d-hz	6	cu-st, d-hz	7	cu-st, d-hz	6	ovt	8	ovt	8	ovt	8
8	cu, cr-st, hz ...	6	cu, hy-cu-st, nim ...	6	cu, hz	2	ovt, fr-viv-lg, th-R..	8	ovt	8	cu, cr, cr-hz ...	6
9	cu, cu-st, nim ...	8	ovt, lt-R	8	cu, cu-st, d-hz, lg-NE	6	uy-ovt	7	... ...	...	... ...	...
10	... ...	...	... ...	...	... ...	...	... ...	...	cu, cr-cu, cr-hz ...	6	ny-ovt	7
11	cu, cu-st, cr-st, d-hz ...	6	cu, cu-st, cr-st, d-hz ...	7	cu, cu-st, cr-st, d-hz ...	7	cu, cu-st, cr-st, d-hz	6	cu, cr-cu, cr-hz ...	7	ovt	8
12	cu, cr-cu, cr-st, hz...	3	cu, cu-st, cr-st, hz...	2	cu, cr-st, hz ...	2	cu, cr, cr-hz ...	3	cr-cu, hz	3	cr-cu, hz	3
13	cu, cu-st, cr-hz ...	5	cu, cu-st, cr-hz ...	5	cu, hz	2	cu, cr, cr-hz ...	4	cu, cr-hz	4	cr-cu, cr-st, hz ...	4
14	cu, cr-st, hz ...	6	cu, cu-st, cr-cu,cr-hz	7	cu, cu-st, cr-hz ...	7	cu, cu-st, cr-hz ...	4	cu, cu-st, cr-hz ...	6	cu, cr-cu, cr-hz ...	8
15	cu, cr-cu, cr-st, d-hz ...	6	cu, cr-cu, cr-st, d-hz ...	5	cu, cu-st, hz ...	6	cu, cr, cr-hz ...	4	cu, cu-st, nim ...	6	cu, cr-hz	3
16	cu, cu-st, cr-st, hz...	6	cu, cu-st, cr-st, hz...	6	cu, cu-st	5	cu, cr, cr-st... ...	5	. ...	...	... ...	...
17	... ...	...	... ...	...	... ...	...	... ...	...	cu, cr-hz	4	cu, hz, sh-lg-SE ...	2
18	cu, cu-st, cr-st, hz...	5	cu, cu-st, hz ...	5	cu, cr-st, hz ...	4	cu, cr-st, hz ...	3	cu, cr-hz	3	cu, cr-hz	4
19	ny-ovt	7	cu, cr-st, d-hz ...	6	cu, d-hz	7	cu, d-hz	7	ovt	8	ovt	8
20	ovt, th-W, R ...	8	ovt	8	ovt	8	ovt, fr-sh-lg-S ...	8	cu, cr, d-cr-hz, lg-S.	6	cu, cr, d-cr-hz, lg-S..	7
21	ovt	8	ovt	8	cu, cu-st, cr-hz ...	4	cu, cu-st, cr-hz ...	5	cu, cr, cr-hz, lg-NW	6	ovt, fr-lg-NW ...	8
22	cu, cr-st, d-hz ...	7	cu, cr-st, d-hz ...	6	cu, cr-st, hz ...	3	cu, cr-st, hz ...	3	ovt	8	cu, cr, cr-hz ...	5
23	cu, cr-st, hz ...	3	cu, cr-st, hz ...	3	cr-st, hz	1	cr-st, hz	1	... ...	...	... ...	...
24	... ...	...	... ...	...	... ...	...	... ...	...	cu, cu-st, cr-hz ...	6	cu, hz	1
25	cu, cu-st, cr-st, hz...	3	cu, cu-st, cr-st, nim, lg-NW ...	4	ny-ovt, lg, th ...	7	ovt, sh-lg-S ...	8	cu, cu-st, nim ...	4	cu, cu-st, cr-hz ...	4
26	cu, cu-st, hz ...	5	cu, cu-st, hz ...	5	cu, cu-st, hz ...	5	cu, cr, cr-hz ...	3	cu, cr-hz	4	cr-st, cr-hz	2
27	cu, cu-st, cr-cu, hz...	6	cu, cu-st, cr-st, hz...	6	cu, cu-st, cr-st ...	5	cu, cr-st, cr-hz ...	6	cu, cu-st, cr-hz ...	4	cu, cu-st, cr-hz ...	4
28	cu, cr-st, hz ...	4	cu, cu-st, hz ...	3	cr-st, hz	1	cr-cu, hz	3	d-cr-hz, cr-cu ...	8	cr-st, cr-hz	5
29	cu, cr-st, nim, lt-R...	7	cu, cu-st, nim ...	7	ovt	8	ovt	8	ovt	8	ovt	8

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE

ard....around
cld....clouds or cloudy
cr or ci. cirri or cirro or cirrous
cu.....cumuli or cumulo
D.....dew
d.....dense
dis....distant
dt.....detached
E.....east
fg.....fog
fk.....forked
fl.....flying
fr.....frequent
g.....ground
hy....heavy
hl....halo
hor...horizon
hz....haze or hazy
ld....loud
lg....lightning
lt....light
mt....meteor
N....north
nim..nimbi
ny...nearly
ov....overhead
ovt...overcast
ps....peals
pt.....part or partly or partial
R.....rain
r-b....rain-bow
S.....south
sc.....scattered
sh....sheet
st.....stratus
th....thunder
thi...thick
v.....very
viv...vivid
W....west

REMARKS ON THE WEATHER FOR THE MONTH OF MAY, 1860

Date	12	Cloudy sky in 8ths	14	Cloudy sky in 8ths	16	Cloudy sky in 8ths	18	Cloudy sky in 8ths	20	Cloudy sky in 8ths	22	Cloudy sky in 8ths	Thermometers Radiation Sol.	Radiation Ter.	Air Max.	Air Min.
1	cr-st, cr-hz ...	2	cu, hz	3	ny-clear	0	clear	0	clear	0	clear	0	111·9	—	100·3	80·7
2	cr-cu, hz ...	2	cr-cu, hz ...	2	ny-clear ...	0	clear	0	clear	0	clear	0	110·4	—	93·9	81·5
3	clear	0	cr, cr-hz ...	3	cu, cr-st, hz ...	3	cr, cr-st	2	clear	0	cu, cr-st, hz ...	1	118·4	—	97·6	83·1
4	cu, hz	2	cr-cu, cr-hz ...	3	cr-cu, cr-hz ...	3	cu, cu-st	3	cu, cr-hz	3	cu, cr-st, hz ...	2	108·8	—	93·4	82·4
5	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	110·2	—	93·6	81·7
6	cr, cr-hz, cu ...	3	fl-cu, cr-hz ...	3	cu, cr-st, hz ...	3	fl-cu, cu-st ...	4	fl-cu, cu-st ...	3	cu, cr-st, hz ...	2	116·0	—	93·5	81·9
7	fl-cu	3	cu, cu-st ...	4	fl-cu	2	cu...	2	cu, hz	1	cu, cr-st	1	115·2	—	95·2	82·2
8	cu, cr-cu ...	2	cu, cr-cu ...	2	cr-st, cr-hz ...	1	cr, cr-hz	2	cr, cr-hz	4	cu-st, cr-st, hz ...	3	121·0	—	100·6	83·2
9	cr-st, cr-hz ...	2	cr-st, cr-hz ...	2	cr-st, cr, cr-hz ...	4	cr, cr-hz	2	cr-cu, cr-st ...	2	cu-st, cr-st ...	2	126·1	—	98·9	83·9
10	cr-cu, cr-hz ...	3	cr, cr-st ...	2	cr, cr-hz	1	ny-clear	0	cu-hor	2	cu-st, cr-st, hz ...	3	131·0	—	105·2	85·1
11	cr-st, cr-hz ...	2	cu, cr-st, cr ...	4	cr-hz, cr-st ...	2	cr-hz, cr-st ...	2	cr-cu, cr-st ...	4	cr, cr-cu, cr-hz ...	5	131·5	—	100·9	83·5
12	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	119·5	—	98·6	82·6
13	cr-st, cr-hz ...	3	cr-hz, cr-st ...	3	cr, cr-st, cr-hz ...	5	cr, cr-hz	4	cr, cr-hz	3	cu, cr-st, hz ...	2	130·9	—	102·0	83·9
14	cr-st, cr-hz ...	1	ny-clear ...	0	cr, cr-hz	3	cr, cr-hz	2	cr, cr-hz	2	cu, cr-st, hz ...	2	129·1	—	101·5	84·0
15	cu-hor	1	cr-cu, hz ...	1	cr-cu, hz	2	cr-cu, hz	2	cu, cr, cr-hz ...	2	cu, cr-st, hz ...	3	127·3	—	104·2	84·2
16	cu, cr-st, cr-hz..	3	cu, cr-hz ...	1	cu, cr, cr-hz ...	2	cr-hz, cr-st ...	1	cr-cu, cr-hz ...	2	cu, cr-st, cr-cu ...	3	129·3	—	102·2	83·0
17	cr, cr-hz, cr-st..	2	cr, cr-hz ...	1	cr, cr-hz, cr-st ...	1	cr, cr-hz, cr-st ...	1	cr, cr-hz, cr-st ...	1	cu, cr-st	1	129·1	—	99·2	81·1
18	cu, cr-hz ...	2	ny-clear ...	0	clear	0	cr-st, cr-hz ...	1	cr-st, cr-hz ...	1	cu, cr-st	1	128·1	—	97·6	81·5
19	... ...	...	.. ..	...	.. ...	...	... ...	...	... ...	...	... ...	...	123·5	—	97·9	82·2
20	cu, cr-hz ...	1	cr-st, cr-hz ...	2	cr-st, cr-hz ...	3	cr-st, cr-hz ...	3	cr-st, cr-hz ...	4	cr-st, cr-hz ...	3	122·2	—	100 8	82·9
21	cr-hz, cr-st ...	2	cr-cu, cr-hz ...	2	cr-cu, d-hz ...	4	cu, cr-cu, cr-st, cr-hz	5	cu, cr-cu, cr-hz ...	4	cu, cr-cu, cr-hz ...	6	120·4	—	96·8	83·1
22	cu, cr-cu, cr-hz.	6	cu, cr-cu, cr-hz..	5	cr-cu, cr, cr-hz ...	5	cr-cu, cr, cr-hz ...	6	cr-cu, cr, cr-hz, nim.	6	cu, cu-st, cr-cu, cr-hz	6	127·0	—	103·7	83·9
23	cu, cr-cu, hz, sh-lg-NW...	4	cu, cr, cr-st, cr-hz	6	cr-cu, cr-st, hz ...	3	cr-cu, cr-st, hz ...	4	cr-cu, cr-st, d-hz .	7	cr-cu, cr-st, d-hz..	7	128·0	—	104·8	82·1
24	cu-hz	2	cu, cr-cu, cr-hz.	3	cu, cr-cu, cr-hz ...	3	cr-cu, cr-st, cr-hz.	3	cu, cr-st, cr-hz ...	4	cr-cu, cr-st, cr-hz.	4	124·0	—	105·3	82·4
25	ny-clear ...	0	cr-cu, cr-hz ...	2	ny-clear	0	cr-hz	1	cr-st, cr-hz ...	2	cu, cr-hz	2	131·0	—	106·0	86·9
26	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	133·5	—	105·9	85·7
27	ny-clear ...	0	cr-st, hz ...	2	cr-st, cr	1	ny-clear	0	cu-hor	1	cu-st, lt-hz ...	1	131·9	—	103·8	85·4
28	cu, cr-hz ...	4	cr-cu, cr-hz ...	3	cr-cu, cr-hz ...	2	cr-cu, cr-hz ...	2	cu, hz	2	cu, cu-st-W, hz ...	1	128·4	—	102·7	85·6
29	cu, cr, cr-hz ...	1	cr-st, cr-hz ...	1	cr-st, cr-hz ...	1	ny-clear	0	cu	1	cu-st, hz	1	125·0	—	104·8	84·4
30	cu, cr-hz ...	2	cr-cu, cr-hz ...	3	cu, hz	1	cr-cu, cr-hz ...	2	ny-clear	0	clear	0	132·0	—	104·7	84·4
31	cr, cr-hz, cr-st...	3	cr, cr-hz, cr-st..	3	cr, cr-hz, cr-st, ...	4	cu, cr, d-cr-hz ...	5	cr, d-cr-hz ...	5	cu, cr-st, hz ...	4	123·1	—	101·6	83·9

REMARKS ON THE WEATHER FOR THE MONTH OF JUNE, 1860

1	cu, cr-hz ...	2	cr-cu, cr-hz ..	3	cr-cu, cr-st, cr-hz..	5	cr, d-cr-hz ...	5	cu, cr-st, cr ...	3	cu, cr-st, cr ...	3	126·9	—	103·5	84·1
2	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	125·0	—	101·1	86·2
3	cu, cr, cr-hz, cr-st.	6	cr-cu, cr-hz, cr-st.	7	cr, cr-st, cr-hz ...	6	cr, cr-st, cr-hz ...	6	cr, cr-cu, cr-st, cr-hz.	7	cr, cr-cu, cr-st, cr-hz.	7	128·8	—	103·0	85·5
4	ovt	8	ovt	8	ny-ovt	7	ny-ovt	7	cu, cr-cu, d-hz ...	6	cu, cr-cu, cr-st, hz	6	121·4	—	95·8	83·9
5	ovt	8	ovt	8	ovt	8	ovt	8	ovt	8	cu, cr-st, d-hz ...	6	123·9	—	97·4	84·0
6	ovt	8	ovt	8	ovt	8	ovt	8	cr, d-cr-hz ...	6	cu, d-hz	6	117·0	—	98·6	82·1
7	ny-ovt	7	cu, cr-st, cr-hz .	6	cu, cr-st, cr-hz ...	6	cu, cu-st, cr-cu, cr-hz	7	cu, cu-st, cr-cu, cr-hz	7	cu, cu-st, hz ...	6	122·0	—	100·5	82·2
8	cu, cr, cr-hz ...	6	cr-cu, cr, cr-st ..	5	cr, cr-st, cr-hz ...	4	cu, cr, cr-st, cr-hz	5	cu, cr-cu, d-hz ...	5	cu, cu-st, d-hz ...	6	115·4	—	98·8	79·9
9	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	108·0	—	98·1	81·2
10	cu, cu-st, cr-hz.	6	cu, cu-st, cr-hz.	6	cu, cr-cu, cr-hz ...	6	cu, cr-cu, cr-hz ...	6	cu, cr-cu, cr-hz ...	6	cu, cu-st, cr-st, d-hz.	7	118·3	—	100·0	83·0
11	ovt	8	cr-cu, cr-hz ...	2	cr, cr-hz	3	cu, cr-hz, cr-cu ...	4	cu, cr-hz, cr-cu ...	3	cu, cu-st, cr-st, d-hz.	6	117·2	—	98·5	83·1
12	cu, cr-hz ...	3	cr-st, cr-hz ...	6	cr, cr-st, cr-hz ...	5	cr, cr-st, cr-hz ...	4	cu, cr-cu, cr-hz ...	4	cu, cu-st, cr-hz ...	5	broken	—	101·5	82·3
13	cr-cu, cr-st, hz..	3	cu, cr, cr-hz ...	3	cr-st, cr-hz ...	4	cr-st, cr-hz ...	4	cu, cr-hz	4	cu, cu-st, hz ...	5	117·2	—	103·1	82·1
14	cr-cu, cr-hz ...	5	cr-cu, cr-st, hz...	3	cr-cu, cr-st, hz ...	3	cu, cr-st, cr-hz ...	3	cu, cr-st, cr-hz ...	4	cu, cu-st, d-hz ...	6	113·6	—	103·2	84·1
15	cr-cu, cr-st, cr-hz..	5	cr-cu, cr-st, cr-hz..	3	cu, cr, cr-hz ...	6	cu, cr-st, cr-hz ...	4	cr-hz, cr-cu, cr-st.	5	cu, cu-st, cr-st, hz.	5	114·5	—	102·7	84·3
16	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	122·7	—	102·4	84·1
17	cu, cr, cr-hz ...	3	cu, cr-hz ...	2	cr-st, cr-hz ...	2	ny-clear	0	fl-cu, cu-st ...	3	cu, cu-st, cr-st, hz	5	124·7	—	97·5	80·3
18	cu, cr-hz ...	4	cu, cr-cu, cr-hz.	4	cu, cr-cu, cr-hz ...	5	cu, cr-hz, cr-st ...	5	cu, cr-cu, cr-hz ...	5	cu, cu-st, cr-hz ...	6	119·2	—	99·6	81·4
19	cu, cr-hz, sh-lg-SE	5	cr, cr-hz, cr-st .	6	cr, cr-hz, cr-st ...	4	ovt	8	cu, cr-hz... ...	8	ny-ovt	8	112·1	—	95·5	82·5
20	ovt, sh-lg-W ...	8	ovt	8	ovt	8	ovt	8	ovt	8	ovt	8	106·0	—	93·7	77·1
21	ovt	8	ovt	8	ovt	8	ovt	8	ovt	8	cu, cr-st, d-hz ...	7	108·8	—	95·1	79·9
22	cr-cu, hz ...	1	cr-hz, cr-st ...	2	cr-hz, cr-st ...	3	cr-st, hz	3	cu-st, cr-hz ...	3	cu, cr-st, hz ...	2	118·5	—	95·6	80·4
23	... ...	...	... ...	...	... ...	...	.. ..	...	... ...	...	... ...	...	118.5	—	97·2	82·3
24	cu, hz	2	cr-cu, cr-hz ...	6	cu, cr-cu, cr, cr-st.	6	cu, cr-st, cr-hz ...	4	cu, cr-hz	4	cu, cr-hz	4	117·7	—	103·0	82·6
25	cu, cu-st, cr-hz.	3	cr, cr-st, cr-hz..	3	cr-st, cr-hz ...	6	cr-st, cr-hz ...	5	cu, cr-hz, cr-st ...	4	cu, cr-hz, cr-st ...	5	115·7	—	100·7	83·1
26	cr-st, cr-hz ...	2	cr-st, cr-cu, cr-hz..	4	cr-cu, cr-hz ...	6	cr-cu, cr-hz ...	4	cr-cu, cr-hz, cr-st.	6	cu, cu-st, hz ...	4	114·5	—	101·6	84·3
27	cu, cu-st, cr-hz.	3	cr-cu, cr, cr-st ..	4	cr-cu, cr-hz ...	6	cu, cr, d-hz ...	5	cr, fl-cu	2	cu, cr-st, hz ...	4	124·5	—	98·4	84·3
28	cr-st, cr-hz ...	4	cu, cr, cr-hz ...	6	cr, cr-st, d-hz ...	5	cr, cr-st, d-hz ...	4	cu, cu-st, cr-st ...	6	cu, cu-st, cr-st ...	6	112·4	—	97·6	83·9
29	cr, cr-st, d-hz ...	6	cr-cu, d-hz ...	5	cr-st, cr-hz ...	6	d-cr-hz, cr, cr-cu...	7	d-cr-hz, cr, cr-cu..	7	cu, cu-st, nim ...	7	110·8	—	97·8	80·6

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE

ard...around
cld ...clouds or cloudy
cr or ci. cirri or cirro or cirrous
cu ...cumuli or cumulo
D ....dew
d .....dense
dis ...distant
dt....detached
E.....east
fg ....fog
fk....forked
fl .....flying
fr ....frequent
g.....ground
hy ..heavy
hl ....halo
hor ..horizon
hz ...haze or hazy
ld ....loud
lg.....lightning
lt .....light
mt...meteor
N ....north
nim..nimbi
ny ..nearly
ov....overhead
ovt....overcast
ps ....peals
pt....part or partly or partial
R .....rain
r-b ...rain-bow
S .....south
sc.....scattered
sh....sheet
st ....stratus
th....thunder
thi...thick
v.....very
viv ...vivid
W....west

REMARKS ON THE WEATHER FOR THE MONTH OF JULY, 1860

Date	Göttingen Mean Time NOON	Cloudy sky in 8ths	2	Cloudy sky in 8ths	4	Cloudy sky in 8ths	6	Cloudy sky in 8ths	8	Cloudy sky in 8ths	10	Cloudy sky in 8ths
June 30	ny-ovt	7	ny-ovt	7	cu, cr-hz, nim ...	8	cu, cr-hz	6	... ...	...	... ...	...
1	... ...	...	... ...	...	... ...	...	... ...	...	ovt	8	ovt	8
2	cu, cr-st, cu-st, hz...	6	cu, cr-st, cu-st, hz...	7	cu, cr-st, cu-st, hz...	6	cu, cr-st, d-hz ...	5	cu, cu-st, cr-hz ...	6	cu, cu-st, cr-hz ...	5
3	ny-ovt	7	ovt, lt-R	8	ovt	8	ovt	8	cu, cr-st, cr-hz ...	6	cr-cu, cr-hz ...	5
4	ovt	8	ovt, lt-R	8	ovt	8	ovt	8	ovt	8	ovt	8
5	cu, cu-st,cr-cu, cr-st.	3	cu, cu-st	2	cu, cu-st, hz ...	6	cu, cu-st, hz ...	4	cu, cr-hz	2	cr-st, cr-hz	4
6	cu, d-cr-hz... ...	7	cu, d-cr-hz	8	cu, d-cr-hz	7	cu, cr-cu, cr-hz ...	6	cr-st, cr-hz	5	cr-st, cr-hz	6
7	cu, cu-st, cr-hz ...	3	cu, cu-st, cr-hz ...	2	fl-cu...	1	cu, cr-hz	2	... ...	...	... ...	...
8	... ...	...	... ...	...	... ...	...	... ...	...	cu, cr-hz	3	cu, cr-cu, cr-hz ...	4
9	cu, cu-st, cr-st, hz...	6	cu-st, hz	2	cu-st, hz, lg-NW ...	3	ny-ovt, lg-SW ...	7	cu, nim, lt-R ...	8	cu, nim	7
10	cu, cu-st, d-hz ...	7	cu, cu-st, d-hz ...	4	cu, cu-st, hz ...	4	cu, hz	2	cu, cr-cu, cr-hz ...	8	cr-cu, cr, cr-hz ...	3
11	ovt	8	ovt	8	cu, cu-st, lg-SE ...	5	ovt, lg-SE	8	ny-ovt	7	cu, cu-st, cr-hz ...	6
12	ny-ovt	7	ovt, R	8	ovt	8	ovt, lg-NW... ...	8	ovt, sh-lg-SE ...	8	ovt	8
13	ovt	8	ovt	8	cu, cu-st, d-hz ...	7	ovt, lt-R, ...	8	ovt	8	ovt	8
14	ny-ovt	7	ny-ovt	7	cu, cu-st, lg-SE ...	6	cu, cu-st	5	... ...	...	... ...	...
15	... ...	...	... ...	...	... ...	...	... ...	...	ovt	8	cu, d-cr-hz	6
16	ovt	8	ny-ovt	7	ovt	8	ovt	8	ovt	8	ovt	8
17	cu, d-hz	6	cu, cu-st, hz ...	6	cu, cu-st, hz ...	3	cu, cr-st, cr-hz ...	3	ovt	8	ovt, lt-R	8
18	cu, cu-st, cr-st, hz...	5	cu, cu-st, hz ...	5	cu, cu-st, lg-NW ...	4	cu, cu-st, hz-lg-NW.	7	ovt, lt-R, lg-NW ...	8	ovt, fr-lg-E ...	8
19	cu, cr, d-hz... ...	7	cu, cr, d-hz... ...	5	cu, cr, d-hz... ...	3	cu,cu-st,cr-hz,lg-SW	3	ny-ovt, lg-SW ...	7	ovt, fr-lg	8
20	cr-st, d-hz	6	cu,cr-cu,cr-hz,nim-S	6	cu,cr-cu,cr-hz,nim-S	4	cu,cr-st,cr-hz,lg-SW	3	ovt, lg-SW	8	ovt, fr-sh-lg, th ...	8
21	cu, cr-st, cr-hz ...	6	cu-st, cr-hz... ...	3	cu-st, hz, viv-lg ...	3	cu,cu-st,cr-hz,lg-SW	3	... ...	...	... ...	...
22	... ...	...	... ...	...	... ...	...	... ...	...	ovt, lt-R ...[SW.	8	ny-ovt ... [SW	7
23	cu, cr-st, hz ...	3	cu-st, cr-st, hz, lg-W	3	cu, cr-st, hz, sh-lg-W	3	cu, cr-hz, nim, lg-S.	6	cu, cu-st, cr-hz, lg-S,	5	cu, cu-st, cr-hz, lg-S,	4
24	cu, cu-st, cr-st, hz...	3	cu-st cr-st, hz,sh-lg-NW, th-NW	5	cu-st,cr-st,hz, lg-SW	7	ovt, lg-SW	8	cu, cu-st, cr-hz, nim, sh-lg-SSW	6	cu, cu-st, cr-hz, nim, sh-lg-SSW	7
25	cu, cr-st, hz ...	5	cu, cr-cu, cr-st, hz...	4	cu, cr-st, hz ...	2	cr-cu, cu, cr-hz ...	5	cu, cu-st, cr-hz, nim.	6	cu, cu-st, cr-hz... [lt-R	5
26	cu, cr-st, hz ...	4	cu, cu-st, hz ...	3	cu-st, hz, nim, lg-N.	7	ovt, lt-R, fr-sh-lg-E, th.	8	cu,cu-st,cr-hz,nim, lg	6	ovt	8
27	cu, cr-st, hz ...	6	cu, cr-st, hz ...	5	cu, cr-st, hz ...	3	cu, cr-st, cr-hz ...	4	cu, cr-cu, cr-hz ...	4	cu, cr-cu, cr-hz ...	6
28	cu, cr-st, d-hz ...	7	cu, cr-cu, cr-st, d-hz.	7	cu, cr-st, hl-☽ ...	6	cu, cr-hz	4	... ...	...	... ...	...
29	... ...	...	... ...	...	... ...	...	... ...	...	cu, cr-cu, cr-hz ...	5	cu, cr-cu, cr-hz ...	4
30	cu-st, cr-st, hz ...	7	cu-st, cr-st, hz ...	7	cu-st, cr-st, hz ...	5	cu, cr-hz	5	cr-st, cr-hz	5	cr-cu, cr-hz ...	3
31	cu, cu-st, d-hz ...	7	cu, cu-st, d-hz ...	7	cu-st, cr-st, d-hz ...	7	cu, cu-st, cr-hz ...	8	ovt	8	cu, cr-st, cr-hz ...	6

REMARKS ON THE WEATHER FOR THE MONTH OF AUGUST, 1860

1	cu-st cr-st, d-hz ...	7	cu, cu-st, d-hz ...	7	cu, cu-st, d-hz ...	8	cu, cu-st, d-hz ...	8	ovt	8	ovt	8
2	cu, cr-st, d-hz ...	6	cu, cr-st, hz ...	3	cu-st, cr-st, d-hz ...	6	cu, cr-hz	7	ny-ovt	7	ny-ovt	7
3	cu, cu-st, cr-st, hz...	6	cu, cu-st, cr-cu ...	4	cu-st, hz	6	cr-cu, cr-hz ...	3	cu cr-cu, cr-hz ...	6	cu, cr-cu, cr-hz ...	5
4	cu, cu-st, or-st, hz...	7	cu, cu-st, hz ...	7	cu, cu-st, hz ...	7	ovt	8	... ...	...	... ...	..
5	... ...	...	... ...	...	... ...	...	... ...	...	ovt	8	cu, cu-st,cr-cu,cr-hz.	5
6	ny-ovt, R	7	ny-ovt, R	7	ovt, lg-E	8	ovt	8	cu, cr, d-hz ...	6	ny-ovt	7
7	cu, cu-st, cr-st, hz...	6	cu, cu-st, cr-st, hz...	7	ovt	8	cu, cr, cr-hz ...	6	cu, cr-cu, cr-hz ...	5	cu, cr-cu, cr-hz ...	5
8	cu, cr-st, hz ...	4	cu-st, hz	2	cr-st, hz	1	clear	0	cr, cr-st, hz ...	1	cr, cr-st, hz ...	1
9	cu, cr-cu, cr-st, hz...	4	cu, cr-st, d-cr-hz ...	6	cr-st, hz	1	cr, cr-hz	2	cu, cr-cu, cr-hz ...	7	cu, cr-cu, cr-hz ...	5
10	cu, cu-st, ...	2	cu, cu-st, cr ...[SW	3	cu, cu-st, lg-W,N,SE.	3	cu, cu-st, nim, lt-R..	7	cu, cu-st, cr-st,cr-hz.	5	cu, cu-st, cr-st,cr-hz.	5
11	ny-ovt	7	cu, cu-st, nim, th, lg-	6	ovt	8	ovt, lt-R	8	... ...	...	... ...	..
12	... ...	...	... ...	...	... ...	...	... ...	...	ny-ovt	7	cu, cr-st, cr-hz ...	5
13	cu, cr-st, d-hz ...	7	cu, cu-st, nim ...	7	cu, cu-st, d-hz ...	6	ovt, lg-NW... ...	8	ovt	8	ovt	8
14	cu, cu-st, cr-st, hz...	4	cu, cu-st, nim ...	3	cu, cu-st	1	cu, hz	1	cu, cu-st, cr-cu, hz...	8	ny-ovt, lg-S ...	7
15	cu-st, cr-st	2	cu, cu-st	1	cu, cu-st, hz, ...	2	cu, hz, nim ...	4	ny-ovt	7	ny-ovt	7
16	cu-st, cr-st, hz ...	4	cu,cu-st,nim,lg-NW.	7	cu, cu-st, cr-hz ...	6	cu, cu-st, cr-hz ...	7	ny-ovt	7	ovt	8
17	ny-ovt	7	ny-ovt	7	cu, cu-st, d-hz ...	6	ny-ovt	7	cu, cr, cr-hz ...	6	ny-ovt	7
18	cu, cr-st, hz ...	5	cu, cu-st, hz ...	2	ny-clear	0	clear	0	... ...	...	... ...	...
19	... ...	...	... ...	...	... ...	...	.. ..	...	ny-clear	0	ny-clear	0
20	cu, cr-st, hz ...	3	cu, cr-st, ... [NW.	1	ny-clear	0	ny-clear	0	clear	0	cu, cr-st, hz ...	2
21	cu-st, cr-st, hz ...	4	cu, cr-st, hz, sh-lg-	3	cu, cr-st, hz... ...	3	cu, cr, cr-st, cr-hz, fr-lg-SW ...	4	cu, cr, d-hz... ...	4	cu, cr, d-hz... ...	4
22	cr, cu, cr-st, d-hz ...	6	cu, cr-st, d-hz ...	6	cu, cr-st, lg-W ...	3	cu, cr-st, hz, lg-W...	3	cu, cr-hz	4	cu, cr-hz	3
23	cu, cu-st, cr-hz ...	5	cu, cu-st, cr-hz,lg-S.	3	cu, hz, lg-S... ...	2	cu, cr, cr-hz ...	3	cu, hz	3	cu, hz	2
24	cu-st, cr-st hz ...	3	cu, cr-cu, cr-st, hz...	3	cu, hz, lg-SW ...	2	cu, cr-hz	2	ny-clear	0	clear	0
25	cu, cr-st, cu-st, hz ..	3	cu, cr-st,hz, sh-lg-W.	2	cu,cr-st,hz,sh-lg-SW	1	cu, cr-st, hz ...	1	... ...	...	... ...	...
26	... ...	...	... ...	...	... ...	...	... ...	.	cu, cr-cu, cr-hz, ...	4	cu, cr-cu, cr-hz ...	5
27	cu-st, cr-st, hz ...	3	cu, cr-st, hz ...	3	cu, cu-st	2	cu, cr-cu, cr-hz ...	3	cr-st, cr-hz, cu ...	4	cr-st, cr-hz, cu ...	6
28	cu-st, cr-st, hz ...	3	cu-st, cr-st,hz,lg-SW	3	cu-st, cr-st, hz, hl-☽	3	cr, cr-hz,cr-st,lg-SW	3	cu, cr-hz	2	cu, cr-hz	3
29	cu, cu-st, cr-st, hz...	5	cu-st, cr-hz, nim, th, lg-NW ...	5	cu, cu-st, cr-hz	6	cu, cr-st, hz, nim ...	6	cu, cr-hz, nim,dis-th.	6	cu, cr-cu, hz, lg-E..	7
30	cu-st, cr-st, hz ...	3	cu-st, cr-st, hz, lg-N.	6	ovt	8	ny-ovt, lt-R ...	7	ny-ovt, lg, ...	7	ovt, lg	8
31	cu-st, cr-st, th-S ...	5	cu, cu-st, cr-st, hz...	6	cu, cu-st	7	cu, cr-cu, cr-hz,lg-S.	6	cu, cu-st, cr-cu,cr-hz,lg.	8	ovt, lg	8

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE

ard....around
cld....clouds or cloudy
cr or ci.cirri or cirro or cirrous
cu .....cumuli or cumulo
D.....dew
d.....dense
dis....distant
dt.....detached
E.....east
fg.....fog
fk.....forked
fl .....flying
fr.....frequent
g .....ground
hy.....heavy
hl.....halo
hor....horizon
hz.....haze or hazy
ld.....lond
lg .....lightning
lt .....light
mt.....meteor
N .....north
nim ...nimbi
ny.....nearly
ov.....overhead
ovt ...overcast
ps.....peals
pt.....part or partly or partial
R.....rain
r-b ...rain-bow
S.....south
sc .....scattered
sh.....sheet
st .....stratus
th.....thunder
thi ....thick
v .....very
viv ....vivid
W .....west

REMARKS ON THE WEATHER FOR THE MONTH OF JULY 1860

Date	12	Cloudy sky in 8ths	14	Cloudy sky in 8ths	16	Cloudy sky in 8ths	18	Cloudy sky in 8ths	20	Cloudy sky in 8ths	22	Cloudy sky in 8ths	Thermometers: Radiation Sol.	Radiation Ter.	Air Max.	Air Min.
30	... ...	...	... ...	...	... ...	...	... ...	..	... ...	...	... ...	...	113·7	—	101·7	81·6
1	cu, cr, cr-hz ...	7	cu, cr-st, d-hz...	7	ny-ovt	7	cu, cr-st, cr-hz ...	6	cu, cu-st, d-cr-hz..	6	cu, cu-st, cr-hz ...	5	112·2	—	101·2	83·0
2	cr-cu, cr-hz ...	5	cr-cu, cr-hz ...	6	cu, cr-cu, cr-hz ...	7	cu, cr-cu, cr-hz ...	6	cu, cu-st, d-hz ...	7	cu, cu-st, d-hz ...	7	105·7	—	98·9	84·3
3	cr-cu, cr-hz ...	4	cr-st, cr-hz ..	5	ny-ovt	7	ny-ovt	7	ny-ovt	7	ny-ovt	7	107·3	—	97·6	82·8
4	ovt	8	ovt	8	ny-ovt	7	d-cr-hz, cr-st ...	6	d-cr-hz, cr-st ...	6	cu, cu-st, cr-cu, cr-st.	4	112·7	—	100·8	80·5
5	cu, cu-st, cr-hz.	6	cr-cu, cr-hz ...	6	cr-st, cr-hz ...	4	cr-st, cr-hz ...	3	d-cr-hz, cr-cu ...	5	d-cr-hz, cr-cu ...	6	111·7	—	101·6	83·3
6	cr-st, cr-hz ...	3	cr, cr-st, cr-hz ..	4	cr-cu, cr-st, cr-hz.	4	cu, cr, cr-hz ...	3	cr-cu, cr-hz ...	3	cu, cu-st, cr-hz ...	5	117·5	—	103·1	83·8
7	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	115·7	—	102·9	84·8
8	cr-st, cr-hz ...	3	cr-cu, cr-st, cr-hz.	3	d-cr-hz, cr-st ...	6	d-cr-hz, cr-st ...	5	d-cr-hz, cr-st ..	6	cr-st, cr-hz ...	6	110·5	—	99·3	81·1
9	ovt	8	ovt	8	ny-ovt	7	ny-ovt, ...	7	cu, cr-cu, d-cr-hz..	6	ny-ovt	7	...	--	97·9	78·3
10	cr-st, d-cr-hz ...	6	cr, cr-st, d-cr-hz	6	cr-cu, cr-st, cr-hz.	6	cr-cu, cr-st, cr-hz.	6	cr-cu, cr-st, cr-hz.	5	ovt	8	111·5	—	98·6	81·2
11	cu, cu-st, cr-hz..	6	ny-ovt	7	ovt	8	ovt	8	ovt	8	ovt	8	103·7	—	96·6	82·1
12	ovt	8	ovt	8	ovt	8	ovt	8	ovt	8	ovt	8	103·0	—	93·7	76·9
13	ovt	8	ovt	8	ovt	8	ovt	8	uy-ovt	7	ovt	8	104·0	—	95·1	79·3
14	... ...	...	... .	...	... ...	...	... ...	...	... ...	...	... ...	...	113·0	—	99·0	77·0
15	ovt	8	ovt	8	ny-ovt	7	ovt...	8	ovt	8	ovt	8	105·7	—	95·5	81·0
16	cu, cu-st, hz ...	6	cu, cr-cu, cr-hz.	6	cu, cr-cu, cr-hz ...	5	cr-st, d-cr-hz ...	6	cr-st, d-cr-hz ...	6	cu, d-hz	7	108·2	—	94·7	83·2
17	cu, cu-st, nim...	6	cu, cr-cu, cr-hz.	7	cu, cr-cu, cr-hz ...	7	cr-st, cr-hz ...	5	cu, cr-hz	4	cu, cr-cu, cr-hz ...	6	120·6	—	100·5	82·8
18	ovt, sh-lg-NE...	8	ovt	8	ovt.	8	ovt	8	ovt	8	cu, cr, cr-st ...	5	117·2	—	94·6	78·5
19	ovt	8	cu, cr-cu, cr-hz.	5	cu, cr-cu, cr-hz ...	6	cu, cr-cu, cr-hz ...	4	cr-cu, cr-st, cr-hz.	5	cu, cr-st, cr-hz ...	6	120·0	—	97·1	74·9
20	ovt, sh-lg-SE ...	8	ovt	8	cu, cr, d-hz ..	6	cu, cr, d-hz ..	7	cr-cu, cr-hz ...	7	cu, cr-cu, cr-st, cr-hz	6	112·7	—	95·9	76·5
21	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	113·7	—	96·2	76·2
22	ovt	8	cu, cu-st, cr-cu, cr-hz ...	6	cu, cu-st, cr-cu, cr-hz	5	cr-st, cr-hz ...	5	cr-st, cr-hz, cu ...	3	cu, cr-st	2	118·2	—	97·4	78·5
23	cu, cr, cr-hz ...	5	cu, cr, cr-hz ...	5	cu, cr, cr-hz ...	3	cr-st, cr-hz ...	4	cu, cr-hz, cr-st ...	3	cu, cr-st, hz ...	3	113·7	—	95·2	78·9
24	ovt	8	ny-ovt... ...	7	cu, cu-st, cr-hz ...	6	ovt	8	cr-hz, cu, ...	8	cu, cr-cu, cr-hz ...	6	111·3	—	97·6	78·1
25	cu, cr, cr-hz ...	5	cu, cr, cr-hz ...	3	cu, cr-cu, cr-hz ...	5	cr, d-cr-hz ...	6	cr, d-cr-hz ...	3	cu, cr-hz	5	111·8	—	99·6	80·6
26	ovt	8	ovt	8	ovt	8	ovt	8	cu, cr-cu, cr-hz ...	7	cu, cr-cu, cr-hz ...	8	109·5	—	98·1	78·9
27	cu, cr-cu, cr-hz..	6	cu, cu-st, cr-hz .	6	cu, cu-st, cr-hz ...	7	cr-cu, cr-st, cr-hz.	6	cu, cr-cu, cr, cr-hz ...	6	cu, d-cr-hz ...	8	111·7	—	94·5	79·2
28	... ...	..	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	107·5	—	95·5	82·0
29	cu, cr-cu, cr-hz.,	3	cu, cr-st, cr-hz..	3	cr-cu, cr-st, cr-hz.	3	cu, d-hz	4	cr, d-cr-hz ...	6	cu, cr-st, hz ...	7	110·4	—	98·6	81·4
30	cr-cu, cr-hz ...	6	ovt	8	ovt	8	ovt	8	ovt	8	cu, cu-st, cr-st, d-hz..	7	103·9	—	94·5	80·5
31	cu, cr-st, cr-hz..	6	cu, cu-st, cr-hz.	7	cr, cr-st, cr-hz ...	6	cr, cr-st, cr-hz ...	4	cu, cr, d-hz ...	5	cu, cu-st, cr-st, hz ...	6	111·9	—	99·1	81·0

REMARKS ON THE WEATHER FOR THE MONTH OF AUGUST 1860

1	ovt	8	cr, cr-st, cr-hz ..	6	cr, cr-st, cr-hz ...	7	d-cr-hz, cu ...	8	d-cr-hz, cu ...	7	d-cr-hz, cu ...	7	101·1	—	95·0	80·5
2	ny-ovt... ...	7	cu, cr-cu. d-cr-hz..	7	ovt	8	cu, cr, d-hz ...	6	cu, cr, d-hz ...	6	cu, cu-st, cr-st, hz.	6	108·4	—	97·7	82·8
3	cu, cr-cu, cr-hz.	6	cu, cr-cu, cr-hz.	5	cu, cr-cu, cr, cr-hz	4	cu, cr-cu, cr, cr-hz	5	cu, cr-cu, cr, cr-hz	6	cu, cr-cu, cr, cr-hz	6	111·7	—	98·8	82·5
4	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	112·2	—	98·7	81·5
5	cu, cu-st, cr-cu, cr-hz ...	5	cr, cr-st, d-hz...	6	cr-cu, cr-hz ...	4	cr-cu, cr-hz ...	4	cu, cr-cu, cr-hz ...	5	cu, cu-st, cr-st, hz	6	115·4	—	98·4	80·4
6	ny-ovt... ...	7	ovt	8	cr, cr-st, cr-hz ...	6	cr, cr-st, cr-hz ...	7	cu, cu-st, cr, d-hz.	7	cu, cu-st, cr, d-hz.	7	108·6	—	97·8	80·4
7	cr-st, d-cr-hz ...	7	cr-cu, cr,d-cr-hz	7	ny-ovt	7	cu, cr-st, cr-hz ..	6	cr, d-hz	5	cu, cr-st, hz ...	5	110·8	—	98·6	81·1
8	clear	0	cr, cr-hz ...	1	lt-cr, cr-hz ...	2	lt-cr, cr-hz ...	2	cu, cr, cr-hz ...	3	cu, cr-cu, cr-st, hz.	5	115·4	—	100·8	79·1
9	cr-cu,cr-st,cr-hz	3	cr-cu, cr, cr-hz .	4	cr-st, cr-cu, cr-hz..	4	cr-st, cr-cu, cr-hz.	3	cr-st, cr-cu, cr-hz.	4	cu-st, cr-st, hz ...	3	122 8	—	95·2	80·8
10	ny-ovt, lg-E ...	7	ovt	8	ovt	8	ny-ovt	7	cu, cu-st, d-hz ...	7	cu, cu-st, hz ...	7	109·5	—	95·0	79·0
11	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	112·5	—	96·3	78·1
12	cu, cr-st, cr-hz..	4	cu, cr-cu, cr-hz.	6	cr, d-hz	6	cr, d-hz	7	d-cr-hz	8	d-cr-hz	7	103·1	—	94·2	79·0
13	ovt	8	cr-st. cr-cu, cr-hz..	7	cr-st, cr-cu, cr-hz..	7	cu-st, cr-cu, cr-hz.	7	cr-st, cr-cu, cr-hz	6	cr-st, cr-cu, cr-hz..	6	115·5	—	97·6	78·1
14	cu, cu-st, cr-hz, lg-S ...	6	cu, cr-st, cr-hz..	5	cu, cr, d-hz ...	6	d-cr-hz	7	cr-hz	2	fl-cu, cr, cr-hz ...	2	120·4	—	97·5	79·2
15	ovt, lt-R ...	8	ovt	8	ovt	8	ovt	8	cu, cr-cu, cr-hz ...	6	cu, cr-cu, cr-hz ...	7	111·7	—	91·0	78·3
16	ovt, lg-S ...	8	ovt, lt-R ...	8	ovt	8	ovt	8	ovt	8	ovt	8	ovt.	—	88·6	77·1
17	ovt, lt-R ...	8	ny-ovt	7	ny-ovt	7	cu, cu-st, cr, cr-hz.	6	cu, cr, cr-hz ...	6	cu-st, cr-st, hz ...	6	106·3	—	89·5	75·0
18	.. ..	...	.. ..	...	... ...	...	... ...	...	... ...	...	... ...	...	112·0	—	91·5	77·2
19	cu, cr-hz, lg-SW	2	cu, cr, cr-hz ...	3	cu, cu-st, cr-hz ..	5	sc-fl-cu, cr ...	2	sc-fl-cu, cr ...	2	cr-st, hz	3	108·2	—	92·8	78·6
20	cu, cr-st, hz, lg.	2	cr-st, cr-hz ...	3	cu, cu-st, cr-hz ...	6	cu, cu-st, cr-hz ...	5	cu, cr-cu, cr-st, cr-hz	4	cu, cr-st, hz ...	5	114·7	—	93·4	79·3
21	cu, cr, d-hz ...	3	cu, cr, d-hz ...	6	cu, cr-cu, cr-hz ...	6	cr, cr-hz	7	cr, cr-hz	7	cr, cr-hz	7	111·5	—	93·8	80·5
22	clear	0	cu, cr-cu, cr-hz.	6	cu, cr-cu	4	cu, cr	2	cu, cr-hz	3	cu, cu-st, cr-hz ...	4	114·4	—	92·5	79·9
23	cu, hz	2	ny-clear ...	0	cr, cr-cu, hz ...	3	cu, cr-st, cr hz ...	5	cu, cr-st, cr-hz ...	4	cu-st, cr, cr-hz. th-W	3	120 5	—	94·5	80·0
24	cu, hz, lg-NW ..	2	cr, cr-hz ...	2	cr, cr-st, cr-hz ...	3	cu, cr-st, cr-hz ...	5	cu, cu-st, cr-hz ...	4	cu, cu-st, cr-hz. th-W	4	113·8	—	94·4	80·6
25	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	120·7	—	95·0	79·0
26	cu, cr, cr-hz,ig-S	2	cu, cr,cr,hz, nim-S	4	ovt, dis-th-E ...	8	ovt, lt-R	8	cu, cr, cr-st, hz ...	7	cu, cr-st, hz ...	5	110·9	—	89·2	81·7
27	cu, cr-hz ...	2	cr-cu, hz ...	2	cr-cu, hz	2	sc-cu, cr-hz ...	3	cu, cu-st, nim, hy-R, fr-th ...	7	cu-st, cr-st, hz ...	3	115·5	—	94·7	78·3
28	cr, cr-hz ...	4	cr-st, cr-hz ...	5	cu, cr-st, hz ...	4	cr, cr-st, hz ...	5	cr, cr-st, hz ...	7	cu, cu-st, cr-st, hz	4	115·1	—	95·7	77·1
29	cu, cu-st, cr-hs, nim, lg-E	7	ovt	8	ovt	8	ovt	8	ovt	8	cu-st, cr-st, hz ...	4	107·7	—	93·0	77·6
30	ovt	8	ovt	8	ovt	8	cu, cu-st, cr-hz ...	6	cu, cu-st, cr-hz ...	7	cu, cu-st, cr-st, hz	6	112·7	—	92·7	77·1
31	ovt	8	ovt	8	ny-ovt	7	cu, cu-st, cr-hz ...	6	cu, cr-hz, nim ...	8	cu-st, cr-st, hz ...	7	101·5	—	92·3	76·0

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE.

ard....around
cld....clouds or cloudy
cr or ci. cirri or cirro or cirrous
cu.....cumuli or cumulo
D .....dew
d.....dense
d.....distant
dis....distant
dt.....detached
E.....east
fg.....fog
fk.....forked
fl.....flying
fr.....frequent
g.....ground
hy.....heavy
hl.....halo
hor..horizon
hz ...haze or hazy
ld....loud
lg.....lightning
lt.....light
mt....meteor
N.....north
nim..nimbi
ny....nearly
ov....overhead
ovt...overcast
ps....peals
pt...part or partly or partial
R.....rain
r-b..rain-bow
S.....south
sc...scattered
sh...sheet
st...stratus
th....thunder
thi...thick
v ....very
viv...vivid
W.....west

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REMARKS ON THE WEATHER FOR THE MONTH OF SEPTEMBER 1860

Date	Göttingen Mean Time NOON	Cloudy sky in 8ths	2	Cloudy sky in 8ths	4	Cloudy sky in 8ths	6	Cloudy sky in 8ths	8	Cloudy sky in 8ths	10	Cloudy sky in 8ths
1	cu-st, cr-st, hz, nim.	7	cu, cu-st, nim, lg-SE, W	7	cu, cu-st,nim, lg,th-NW	8	ovt, fr-lg, th, lt-R...	8	.. ..	...	... ...	...
2	... ...	...	... ...	...	... ...	...	... ...	...	ovt	8	ovt	8
3	cu, cr-st, d-hz ...	7	cu, cu-st, hz ...	7	ny-ovt, lt-R ...	7	cu, cr-hz	6	ovt	8	ovt	8
4	cu, cr-st, d-hz ...	7	cu, cu-st, hz ...	7	ovt	8	ovt	8	ovt	8	cr-st, cr-hz	5
5	cu, cr-st, d-hz ...	7	cu, cr-st, d-hz ...	6	cu, cr-st, d-hz ...	6	ovt	8	cu, cr-hz	6	ovt	8
6	cu, cr-st, d-hz ...	7	cu,cu-st,d-hz,lg-NW	7	cu-st, d-hz	3	cu, cr-hz ... [SW	4	cu, cr, cr-hz ...	6	ny-ovt	7
7	cu, cu-st, cr-hz ...	5	cu,cu-st,cr-hz,lg-SW	4	cu,cu-st,cr-hz,nim,lg	7	cu, cr-hz, nim, sh-lg-	3	ovt, R	8	ovt	8
8	cu, cr, d-hz... ...	6	cu, cr, d-hz... ...	4	cu, cu-st, hz ...	5	cu, cu-st, hz ...	6	... ...	...	... ... [SW-	...
9	... ...	...	... ...	...	... .	..	... ...	...	cu,cr-hz,nim, sh-lg-N	6	cu, cr-hz, nim, sh-lg-	8
10	cu, cu-st, cr-hz ...	5	cu, cr-hz	1	cu, cr-hz	1	cu, cr-hz	7	cu, cr-hz	2	ny-clear	0
11	cu, cu-st, cr-hz ...	7	cu, cu-st, cr-hz ...	3	cu, cu-st, cr-hz ...	4	cu, hz	2	fl-cu, hz	2	fl-cu...	2
12	cu, cr-st, d-hz ...	8	ny-ovt	7	ny-ovt	7	ovt	8	ovt, sh-lg-SW ...	8	ovt, sh-lg-SW ...	8
13	ovt, R, th-NW ...	8	ovt	8	ovt, fr-lg, th ...	8	ovt, fr-lg, lt-R [SW	8	ovt, sh-lg-SE ...	8	ovt	8
14	cu, cr, cr-hz ...	6	cu, cr, cr-hz ...	6	cu, cr, cr-hz ...	3	cu, cu-st, nim, sh-lg,	7	cu, nim, sh-lg-E ...	2	cu, cr-hz	2
15	cu-st, cr-st, hz ...	5	cu, cu-st, hz ...	4	cu, cu-st, hz ...	6	cu, cu-st, hz ...	6	... ...	...	... ...	...
16	... ...	...	... ...	...	... ...	...	... ...	...	ovt	8	ovt	8
17	cu, cr-cu, cr-st, hz...	7	cu, cr-st, d-hz ...	6	ny-ovt	7	ovt, R	8	ovt	8	ovt	8
18	cu, cr-st, d-hz ...	7	cu, cu-st, d-hz ...	7	ovt	8	ovt, lg	8	ovt, lg-E	8	ovt, lg-E	8
19	cu, cr-st, d-hz ...	6	cu, cr-st, hz ...	4	cu, cr-st, d-hz ...	4	cu,cu-st, hz,nim,lt-R	5	cu, cr-hz	2	ny-clear	0
20	cu, cu-st, hz, r-b ...	4	cu, cr-st, hz ...	2	cu, cr-cu, cr-st, hz...	3	cu, cr-cu, cr-st, hz ...	2	cu, hz	2	ny-clear	0
21	cu, cu-st, cr-st, hz...	4	cu, cu-st, hz, lt-R ...	5	cu, cr	1	cu, cr	2	cu, hz	2	cu, hz	3
22	cu, cu-st, hz ...	4	cu, cr-st, hz ...	4	cu, cr-cu, hz, hl-☽...	4	cu, cr-cu, hz ...	4	.. ..	...	... ...	...
23	... ...	...	... .	...	... .	...	... ...	...	cu, cr-hz	4	cu, cr-hz	3
24	cu, cr-st, d-hz ...	7	cu, cr-st, d-hz, lg-N.	7	cu, cr-st, d-hz ...	7	ovt	8	ny-ovt	7	cu, cu-st, cr-hz, nim.	5
25	cu, cr-st, d-hz ...	8	cu, cr-st, d-hz ...	8	cu, cr-st, hl-☽ ...	8	d-cr-hz	8	ovt, lg, th	8	ovt	8
26	cu, cr-st, d-hz ...	8	ny-ovt	7	ny-ovt	7	ny-ovt	7	ovt	8	ovt	8
27	ovt, R	8	ovt	8	ovt	8	cu, cr-cu, cr-hz ...	5	ovt, lt-R	8	ovt	8
28	cu, cu-st	4	cu-st	2	cu-st, cr-st, hz ...	2	cr-cu, cr-hz... ...	3	cu, cr-st, cr-hz ...	5	cu, cu-st, cr-hz ...	7
29	cu, cr-st, hz ...	2	cu, cr-st, hz ...	2	cu, cr-cu, hz ...	5	cr-cu, cr-hz ...	5	... ...	...	... ...	...
30	... .	...	... ...	...	... ...	...	... ...	...	cu, cr-st, hz ...	3	cu, cr-st, hz ...	4

REMARKS ON THE WEATHER FOR THE MONTH OF OCTOBER 1860

1	cu, cr-st, d-hz ...	5	cu-st, hz, lg-S ...	4	d-cr-hz, cr-st ...	8	d-cr-hz, cr-st ...	6	cr-st, cr-hz... ...	3	cr-cu, cr-st, cr-hz ...	4
2	cu, cu-st, d-hz ...	6	cu, cr-st, hz, lg-SW..	5	cu, cr-cu, hz ...	5	cu, cr-cu, hz ...	6	ny-ovt	7	ny-ovt	7
3	cu,cu-st,hz,nim-NW.	4	cu, hz	2	cu,cr-st,cr-hz,lg-NW	3	cu,cr-st,cr-hz,lg-SW	3	cu, cu-st, cr-hz ...	6	cr-cu, cr-hz... ...	3
4	cu, cr-st	2	cu, cr-st, lg-NW ...	1	ny-clear, lg-NW ...	1	ny-clear, lg-NW ...	0	fl-cu, cr-hz	4	cu, hz	2
5	cu, cr-st	1	cu, lg-NW	1	ny-clear	0	cr-st, cr-hz ...	2	cu, cr, cr-hz ...	4	cu-hz, lg-N... ...	2
6	cu, cr-st	1	cu-hor, lg-NW ...	1	cu-hor, lg-NW ...	1	cu-hor, lg-NW ...	1	... ...	...	... ...	...
7	... ...	...	... ...	...	... ...	...	... ...	...	cu, cr-hz	3	cu, cu-st, cr-hz ...	5
8	cu, cr-cu, cr-st, hz...	6	cu, cu-st, hz, lg-NW.	4	cu, cu-st, hz ...	4	cr, cr-hz	2	cu, hz	2	cr-cu, hz	2
9	cu, cr-st	1	ny-clear, lg-SW ...	0	ny-clear	0	ny-clear	0	cu-hor	1	cu-hor	3
10	cu, cr-st	1	cu-st, cr-st	2	ny-clear	0	ny-clear	0	cu, hz	1	cu, hz	2
11	cu, cu-st, cr-st ...	4	cu, cu-st, cr-st ...	4	cu, nim, lt-R ...	6	ny-ovt, lt-R ...	7	ovt, R	8	ny-ovt	7
12	cu, cu-st	1	cu, cu-st, lg-SW ...	3	cu, cu-st, cr-hz ...	3	fl-cu, cu-st, nim ...	5	ny-ovt	7	ovt	8
13	cu, cr-st, hz ...	3	cu, cr-cu, cu-st, hz...	4	cr-st, hz	3	cu, cr-hz	2	... ...	...	... ...	...
14	... .	...	... ...	...	... ...	...	... ...	..	ovt, R, sh-lg-NW,th.	8	ovt, sh-lg-N ...	8
15	cu, cu-st, cr-st, hz...	5	cu, cr-st, sh-lg-W ...	2	cu, cr	2	cu, cr, cr-hz ...	3	cu, cr-hz, lt-R ...	6	cu, cr-hz	6
16	cu, cr-st, hz ...	4	cu, cr-st, hz ...	2	cu, cr-st, hz ...	2	cu, cr-st, hz ...	2	cu, cr-hz	3	cu, cr-hz ... ...[N	2
17	ovt, lt-R	8	ovt	8	cu, cr-st, hz ...	4	cu, cr-hz	6	ovt, R, th, lg-NW ...	8	ovt, R, fr-viv-lg-E, N, th-	8
18	cu, cr-st, hz ...	4	cu, cr-st, hz ...	3	cu, cr-st, lg-W ...	4	ovt, R	8	ovt	8	ovt, lt-R	8
19	cu, cr-st, cr-cu, hz...	5	cu, cr-cu, cr-st, hz...	4	cu, cr-st, hz ...	3	cu, cr-st, hz ...	8	ovt	8	ovt, lt-R	8
20	ovt, R, dis-th ...	8	ovt, lt-R	8	ovt	8	ovt	6	... ...	..	... ...	...
21	... ...	...	... ...	...	... ...	...	... ...	...	ovt, lt-R	8	ovt, lt-R, lg ...	8
22	ovt, R, th-SW ...	8	ovt	8	ovt, lg-E	8	ovt, lg-E	8	ovt	8	ovt	8
23	cu, cr-cu, cr-hz ...	5	ny-ovt	7	ovt, lg-SE	8	ovt, lg-SE	8	ovt, lt-R, lg-SW ...	8	ovt	8
24	cu, cr-st, hz ...	5	cu, cr-st, hz ...	4	fl-cu, cr-hz	6	cu, cr-st, hz ...	5	ovt	8	cu, cu-st, hz ...	4
25	cu, cr-st, hz ...	3	cu, cr-st, hl- ...	2	cu, cr-st, cr-hz ...	3	cu, cr-st, cr-hz ...	3	cu, hz	3	cu, cr-hz	4
26	cu, cr-st, hz ...	6	cu, cr-st, hl-☽ ...	6	cu, cr-st, hz, hl-☽...	6	cu, cr-st, hz, hl-☽...	5	cr-st, cr-hz... ...	6	cr-st, cr-hz	5
27	cu, cr-st, d-hz ...	6	cu, cr-st, d-hz, hl-☽..	6	cu, cr-st, d-hz, hl-☽..	7	d-cr-hz, hl-☽ ...	8	... ...	...	... ...	...
28	... ...	...	... ...	...	... ...	...	... ...	...	cr-st. cr-hz... ...	6	cr-st, cr-hz... ...	6
29	cu, cr-st, hz ...	3	cu, hz	2	cu, hz	2	cu, hz	2	cu, hz	3	cu, cr-hz	6
30	cu, cr-cu, cr-st, hz...	5	cu, cu-st, hz ...	2	cu, cr-cu, cr-st, hz ..	7	cu, cr-cu, cr-st, hz...	4	ny-clear	0	clear	0
31	cu, cr-st, hz ...	2	cu, cr-st, hz ...	2	ny-clear	0	ny-clear	0	clear, D	0	clear, D	0

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE

ard ..around
cld ...clouds or cloudy
cr or ci..cirri or cirro or cirrous
cu....cumuli or cumulo
D ....dew
d .....dense
dis ...distant
dt....detached
E.....east
fg ....fog
fk ....forked
fl .....flying
fr ....frequent
g .....ground
hy ...heavy
hl ....halo
hor...horizon
hz ...haze or hazy
ld ....loud
lg ....lightning
lt.....light
mt ...meteor
N. ....north
nim..nimbi
ny....nearly
ov ....overhead
ovt...overcast
ps ....peals
pt ....part or partly or partial
R.....rain
r-b...rain-bow
S .....south
sc....scattered
sh ....sheet
s ....stratus
th .....thunder
th ...thick
v .....very
viv ...vivid
W .....west

REMARKS ON THE WEATHER FOR THE MONTH OF SEPTEMBER 1860

Date	12	Cloudy sky in 8ths	14	Cloudy sky in 8ths	16	Cloudy sky in 8ths	18	Cloudy sky in 8ths	20	Cloudy sky in 8ths	22	Cloudy sky in 8ths	Thermometers: Radiation Sol.	Radiation Ter.	Air Max.	Air Min.
1	... ...	...	... ...	...	... ...	...	... ...	..	... ...	...	... ...	...	103·7	—	92·1	77·0
2	ovt	8	ovt	8	ovt	8	ovt	8	ovt	8	cu, cu-st, d-hz ...	7	ovt.	—	89·5	80·1
3	ny-ovt... ...	7	cu, cr-cu, d-hz..	7	cr, d-cr-hz ...	7	cr, d-cr-hz, cu ...	8	cu, cu-st, d-hz ...	8	cu, cu-st, cr-st,hz.	7	101·5	—	92·3	78·8
4	cu, cr-st, hz ...	5	cr, cr-st, cr-hz..	4	cr, cr-st, cr-hz ...	3	cr-cu, cr-hz ...	3	cr-cu, cr-hz ...	3	cu, cr-st, d-hz ...	7	108·2	—	94·7	78·0
5	ovt	8	ovt	8	ny-ovt	7	ny-ovt	7	ovt	8	cu, cr-st, d-hz ...	7	100·9	—	92·2	79·4
6	ny-ovt ...	7	cu, cr-cu, cr-hz..	5	cr, cr-hz	3	cu, cr, cr-hz ...	4	cu, cu-st, cr-hz ...	6	cu, cu-st, cr-hz ...	5	105·0	—	94·6	79·2
7	ovt	8	ovt	8	ovt	8	ny-ovt	7	cu, cr, d-hz ...	4	cu, cr, d-hz ...	6	110·5	—	90·2	80·4
8	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	113·3	—	93·1	77·2
9	cu, d-cr-hz ...	8	cu, cu-st, d-hz...	6	cu, cr-hz	8	cu, cu-st, cr-hz ...	6	cu, cu-st, cr-hz ...	6	cu, cu-st, cr-hz ...	5	117·9	—	93·4	78·5
10	clear	0	cu, cr-st, hz ...	3	cr-st, cr-hz ...	3	cu, cr-hz... ...	1	cu, cr-hz	3	cu, cu-st, cr-hz ...	3	118·7	—	95·2	77·6
11	cu, cr-hz ...	3	cu, hz	1	cr-st, hz	3	cu, cr, cr-hz ..	4	cu, cu-st, cr-hz ...	7	cu, cr-st hz ...	7	119·0	—	95·5	80·0
12	ovt, lg-S ...	8	ovt	8	ovt	8	ovt	8	ovt	8	ovt, th-NW ...	8	104·9	—	94·3	78·7
13	ovt	8	ovt	8	cu, cr-st, hz ...	3	cr-cu, cr-hz ..	3	fl-cu, cr-hz ...	3	cu, cu-st, cr-hz ...	6	112·5	—	93·5	74·7
14	cu, cr-hz ...	2	clear	0	ny-clear	0	sc-cu	2	sc-cu, cu-st ...	5	cu, cu-st, cr-st, hz.	6	110·5	—	94·8	78·3
15	... ...	...	... .	...	... ...	...	... ...	...	.. ..	...	... ...	...	100·6	—	91·9	79·5
16	ovt	8	ovt	8	ovt lt-R	8	ovt	8	ovt	8	ovt	8	103·6	—	89·4	77·4
17	ovt	8	ovt	8	ovt	8	ovt	8	ovt	8	ovt	8	108·6	—	90·3	76·7
18	ovt	8	ovt	8	ovt	8	ny-ovt	7	ny-ovt	7	ny-ovt	7	106·7	—	90·6	77·0
19	cr-cu, cr-hz ...	2	cu, cr-cu, cr-hz.	5	cr-st, cr-hz ...	2	cr, cr-st, hz ...	2	cr, cr-st, hz ...	1	fl-cu, hz	3	120·1	—	92·7	77·3
20	clear	0	cr-cu, cr, cr-hz..	2	cr-cu, cr, cr-hz ...	3	cr-st, cr-hz ...	5	cu, cr-st, hz ...	4	cu, cr-st, hz ...	5	122·7	—	93·0	77·9
21	cu, hz	2	cu, cr, cr-hz ..	4	cu, cr, cr-hz ...	3	cr-cu, cr-hz ...	4	cu, cr-cu, cr-hz ...	4	cu, cu-st	3	121·7	—	94·0	77·1
22	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	119·5	—	93·3	80·4
23	cu, cr-hz ...	4	cu, cu-st, cr-hz.	6	ny-ovt	7	ovt	8	ovt	8	cu,cu-st,cr-st,d-hz	7	104·5	—	90·9	78·0
24	ny-ovt, lg-SE...	7	ny-ovt.. ...	7	ovt	8	ovt	8	ovt	8	cu, cr-st, d-hz ...	7	115·8	—	89·2	79·5
25	ovt, lg-SE ...	8	ovt	8	ovt	8	ovt	8	ovt	8	cu, cr-st, d-hz ...	7	ovt.	—	85·2	75·0
26	cu, cr-hz ...	5	cu, cr-cu, cr-hz..	6	cu, cr-cu, cr-hz ...	6	cu, cr-hz	6	cu, cu-st, cr-hz ...	6	hy-cu, hz, nim, dis-th-NW ...	7	106·9	—	90·5	75·8
27	ovt, lg-SE ...	8	cu, cr, cr-hz ...	5	cu, cr-hz... ...	3	cu, cr-st, cr-hz ...	6	fl-cu, cu-st ...	6	fl-cu, cu-st ...	5	118·4	—	91·1	76·8
28	cu, cr, cr-hz ...	4	cu, cr-cu, cr-hz.	4	cu, hz	1	cr, cr-hz	2	cr, cr-hz	2	cu, cr-st, hz ...	2	112·3	—	92·4	77·9
29	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	126·6	—	93·2	79·3
30	cu, cr-st, hz ...	2	ovt	8	cu, cu-st, cr,cr-hz.	6	cr-cu, cr-st, cr-hz.	3	cu, cr, cr-bz ...	6	ovt, hy-R, th ...	8	120·5	—	95·5	79·2

REMARKS ON THE WEATHER FOR THE MONTH OF OCTOBER 1860

1	cr-cu, cr-hz ...	6	cu, cr-cu, cr-hz.	6	cu, cr-cu, cr-hz ...	5	cu, cr-cu, cr-hz ...	6	cu, d-cr-bz ...	5	cu, cu-st, d-hz ...	6	124·7	—	91·8	77·9
2	cr-cu, cr-hz ...	5	cu, cr-cu, cr-hz.	6	cu, cr-cu, cr-hz ...	5	cu, cr-hz, cr-cu ...	6	cu, cr-hz, cr-cu ...	6	cu, cu-st, hz ...	3	120·3	—	91·3	80·0
3	cr-hz, cr-st, cu..	5	cr-st, cr-hz ...	2	clear	0	sc-cu	2	sc-cu, cu-st ...	3	cu-st, cr-st ...	3	116·4	—	90·4	77·7
4	cu, hz	2	cu, cr-hz ...	2	sc-cu	3	cu, cu-st, hz ...	5	cu-hor	3	cu, cr-st	1	108·6	—	89·4	78·1
5	cr-cu, cr-hz, sh-lg-NW ...	5	cu, cr-cu, cr-hz.	5	fl-cu, cu-st ..	4	cr-cu, cr-hz ...	3	cr-cu, cr-hz ...	3	cu, cr-st	1	107·0	—	90·5	78·1
6	... ...	...	... ... [nim	...	... ...	...	... ...	...	... ...	...	... ...	...	116·5	—	88·7	79·1
7	cu, cu-st, cr-hz.	6	cu, cr-cu, cr-hz,	7	cr-cu, cr-hz ...	6	cu, cu-st, cr-hz ...	6	cu,cu-st,cr-hz,lt-R	5	hy-cu, nim,th-NW	7	117·7	—	91·4	78·2
8	cu, cr-hz ...	3	cu, cr-cu, cr-hz, nim ...	6	cu, cr-cu, cr-hz ...	6	cu, cu-st, cr-hz ...	6	cu,cu-st,cr-hz,lt-R	5	cu, cu-st, cr-st ...	3	115·8	—	89·0	76·2
9	clear	0	clear	0	clear	0	cu, hz	3	cu, hz	3	cu, cr-cu, cr-st ...	3	114·4	—	88·5	75·1
10	cu, cr-hz,nim, lt-R	5	cu, cr, cr-hz, nim-W, lt-R	5	cu, cr-cu, cr-hz ...	3	cu, cr-cu, cr-hz ...	3	cu, cu-st, cr-hz ...	3	cu, cu-st, cr-st ...	4	103·5	—	88·6	77·2
11	cu, cr-hz ...	4	cu, cr-hz ...	2	fl-cu	3	sc-cu	2	cu, cr-st	2	sc-cu	1	110·9	—	86·1	75·3
12	hy-cu, nim ...	6	cu, cu-st, nim ..	5	cu, cu-st, cr-bz ...	3	cu, cu-st, cr-hz ...	3	cu, cr-st, hz ...	3	cu, cr-st, hz ...	3	110·9	—	87·3	77·5
13	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	111·5	—	87·0	77·3
14	ovt, sh-lg-N ...	8	cu, cu-st, cr-hz..	6	cu, cu-st, cr-hz ...	5	cu, cu-st, cr-hz ...	5	ovt, lt-R	8	cu, cu-st, cr-st, hz	5	104·7	—	86·7	76·7
15	cu, cu-st, nim...	6	cu, cu-st, hz ...	6	ovt, lt-R, dis-th...	8	cu, cu-st, nim ...	5	cu, cr-st	6	cu, nim	6	113·7	—	86·5	77·0
16	ny-ovt, lt-R ...	7	cu, cu-st, cr-hz, nim ...	6	cu, hz	3	cu, cu-st	5	cu, cu-st, nim ...	7	cu, cu-st, nim ...	7	113·3	—	86·6	77·1
17	ovt	8	cu, cu-st, cr-hz, nim ...	7	ovt	8	cu, cu-st, cr-hz ...	6	cu, cu-st, cr-hz ...	7	cu, cu-st, cr-hz ...	6	112·8	—	87·8	76·1
18	ovt	8	ovt, R	8	ovt, lt-R	8	cu, cr, cr-hz ...	6	cu, cr, cr-hz, ...	6	cu, cr, cr-hz ...	6	105·1	—	84·8	74·1
19	ovt, lt-R ...	8	ovt, ...	8	ovt, lt-R	8	ovt, lt-R	8	ovt	8	ovt	8	ovt	—	81·6	75·3
20	... ...	..	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	ovt	—	77·9	73·5
21	ovt, lt-R, dis-th	8	ovt, lt-R, fr-th, lg.	8	ovt, dis-th ...	8	ovt, R	8	ovt, R, th ...	8	ovt, R, th-NW ...	8	ovt	—	76·8	72·6
22	ovt, R, sh-lg-N.	8	ovt, lt-R ...	8	ovt	8	cu, cr-st, bz ...	6	cu, cu-st, cr-hz, nim.	7	cu, cu-st, cr-cu, cr-hz	6	107·5	—	83·2	71·4
23	ovt, lt-R ...	8	ovt	8	cu, cr, cr-hz ...	6	cu, cr, cr-hz ...	6	hy-cu, cu-st, cr-hz ..	7	cu, cu-st, hz ...	6	108·7	—	84·7	76·0
24	cu, cu-st, nim...	3	cu, cr-hz, nim ..	6	cu, hz	4	fl-cu, hz	6	fl-cu, cu-st ...	4	cu, cu-st, cr-st, hz	3	112·6	—	86·6	76·4
25	cu, cr-hz ...	2	cu, cr-st, cr-hz..	4	cu, cr-hz	5	cu, cu-st, cr-hz ...	6	fl-cu	4	cu, cu-st, cr-st, hz	4	111·4	—	87·1	77·1
26	cu, hz	1	cu, cr-st, cr-hz..	4	cr-cu, cr-hz ...	5	cu, cr, cr-hz ...	5	cu, cr-st, cr-hz ...	6	cu, cr-st, hz ...	5	114·0	—	86·8	75·8
27	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	121·8	—	86·5	74·0
28	cr-st, cr-hz, g-fg...	5	cr, cr-hz ...	2	cr, cr-hz	2	cr-cu, cr-bz ...	3	cr-st, cr-cu, cr-hz.	3	cu, cr-st, hz ...	3	112·3	—	88·3	73·0
29	cu, cr-hz, g-fg ...	6	cu, cr-cu, cr-hz, g-fg ...	6	cr-cu, cr-hz ...	4	cr-cu, cr-hz ...	3	cr-cu; cr-hz ...	4	cu, cu-st, hz ...	7	114·5	—	89·1	76·5
30	clear, D ...	0	cr, cr-st, cr-hz,D	3	cu, cr-hz	3	cr, cr-st, cu ...	3	cu, cr	2	cu, cr-st, hz ...	2	117·5	—	87·9	75·1
31	clear, D ...	0	cr, cr-hz ...	1	ny-clear	0	cr-st, cr-hz ...	2	sc-cu	1	clear	0	110·7	—	86·2	71·4

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE

ard.....around
cld.....clouds or cloudy
cr or ci. cirri or cirro or cirrous
cu.....cumuli or cumulo
D .....dew
d .....dense
dis.....distant
dt.....detached
E .....east
fg.....fog
fk.....forked
fl.....flying
fr.....frequent
g.....ground
hy.....heavy
hl.....halo
hor ....horizon
hz ....haze or hazy
ld.....loud
lg .....lightning
lt.....light
mt.....meteor
N .....north
nim....nimbi
ny .....nearly
ov.....overhead
ovt ....overcast
ps.....peals
pt.....part or partly or partial
R .....rain
r-b.....rain-bow
S.....south
sc.....scattered
sh.....sheet
st .....stratus
th.....thunder
thi....thick
v.....very
viv....vivid
W ....west

REMARKS ON THE WEATHER FOR THE MONTH OF NOVEMBER 1860

Date	Göttingen Mean Time **NOON**	Cloudy sky in 8ths	**2**	Cloudy sky in 8ths	**4**	Cloudy sky in 8ths	**6**	Cloudy sky in 8ths	**8**	Cloudy sky in 8ths	**10**	Cloudy sky in 8ths
1	clear	0	clear	0	clear	0	clear	0	clear, D	0	clear, D	0
2	cr-st, hz	1	cr-st, hz	1	cr-st, hz	1	ny-clear	0	clear, D	0	clear, D	0
3	cu, cr-st	1	ny-clear	0	ny-clear	0	ny-clear	0	... ...	...	... ...	...
4	... ...	...	... ...	...	... ...	...	... ...	...	cr, cr-hz, cr-st, D ...	3	cr, cr-hz, D... ...	2
5	cr-st, hz	5	cu, d-hz	5	cu, d-hz	4	cu, cr, cr-hz ...	2	cr-cu, cr-hz ...	1	cr-cu, cr-hz... ...	2
6	cu, cr-st, d-hz ...	6	cu, cr-st, d-hz ...	6	cu, cr-st, d-hz ...	6	cu, cr, cr-hz ...	5	cu, cr-st, cr-hz ...	4	cr, cr-st, cr-hz ...	4
7	cu, cr-cu, hz ...	4	cr-st, hz	3	cr-st, hz	3	cr-cu, hz	1	cr-st, cr-hz	3	cr-st, cr-hz	4
8	cr-st, hz	1	cr-st, hz	1	cr-st, hz	1	clear	0	cr, cr-st, hz ...	3	uy-clear	0
9	cr-st, hz	1	ny-clear	0	uy-clear	0	uy-clear	0	cr-st, cr-hz	2	cr-st, cr-hz	2
10	cr, cr-st, hz ...	2	cu, cr-st, hz ...	2	cu, cr-st, hz ...	2	cu, hz	2	... ...	...	... .	...
11	... ...	...	... ...	...	... ...	..	... ...	...	cr, cr-hz	3	cr, cr-hz	2
12	ny-clear	0	ny-clear	0	ny-clear	0	ny-clear	0	clear	0	clear	0
13	cu, cr-cu, cr-st, hz...	6	cu, cr-st, hz ...	7	ovt	8	ovt	8	ny-ovt	7	cu, cr-hz	4
14	cu, cr, cr-st, cr-hz...	7	cu, cr, cr-st, cr-hz ...	6	cu, cr, cr-st, cr-hz...	5	cr-cu, cr-hz... ...	3	cu, cr-hz	5	cu, cr-hz	6
15	cu, cr-st, hz ...	4	cu, cr-st, hz ...	2	cu, cr-st, hz ...	3	cu, cr-st, hz ...	4	cu, hz	1	cu-hz, D	3
16	cu, cr-st, d-hz ...	7	cu, cr-st, d-hz ...	4	cu, cr-st, d-hz ...	5	cr, cr-hz, D... ...	3	cr-cu, cr-hz, D ...	6	cr-cu, cr-hz, D ...	4
17	cu, cr-st, hz	3	cr, cr-st	1	cu, cr-st, D	1	cu, cr-st, D... ...	2	... ...	...	... ...	...
18	... ...	...	... ...	...	... ...	...	... ...	...	clear	0	ny-clear, D... ...	0
19	cu, cr-st	1	ny-clear	0	ny-clear	0	clear	0	ny-clear	0	ny-clear	0
20	cu, cr-st ...	1	clear	0	clear	0	clear	0	clear, D	0	clear, D	0
21	ny-clear	0	clear	0	clear	0	sc-cu, cu-st... ...	2	cu, cr, cr-hz ...	6	cu, cr, cr-hz ...	3
22	cu, cr-st, hz ...	2	cu, cu-st, hz ...	4	cu, cu-st, hz ...	6	ovt, R	8	ny-ovt	7	ny-ovt	7
23	cu, cr-cu, cr-st, hz...	7	cu, cr-st, d-hz ...	7	cu, cr-st	4	cu, cu-st, nim ...	6	cu, cu-st, cr-hz ...	4	cu, hz	2
24	cu, cu-st, hz ...	3	cu, cu-st, hz ...	3	cu, cu-st, hz ...	5	cu, cu-st	3	... ...	...	... ...	..
25	... ...	...	... ...	..	... ...	...	... ...	...	clear	0	clear	0
26	cu, cr-st, hz ...	3	cu, hz	2	cu, hz	2	ny-clear	0	cu, cu-st	3	fl-cu	3
27	cu, cu-st, hz ...	4	cu, cu-st, hz ...	6	cu, hz	3	cu, hz	2	cu, cr	2	clear	0
28	cu, cr-st, cu-st, hz...	6	cu, cu-st, hz ...	6	cu, cu-st, d-hz ...	6	fl-cu, cu-st	5	cu, cu-st	3	cu, cu-st	4
29	cu, cu-st, cr-st, hz...	6	cu, cu-st, hz ...	7	ovt	8	cu, cu-st, cr-hz ...	8	ovt	8	ovt	8
30	ovt	8	ovt, lt-R	8	ovt	8	ovt	8	ovt	8	ovt	8

REMARKS ON THE WEATHER FOR THE MONTH OF DECEMBER 1860

1	cu, cr-st, hz ...	6	cu, cr-st, hz ...	3	cu, cr-st, hz ...	2	cu, cr-st, cr-hz ...	4	... ...	...	... ...	...
2	... ...	...	... ...	...	... ...	...	... ...	...	cu, cu-st, cr-hz ...	5	cu, cr-hz	5
3	cu, cu-st, cr-cu ...	5	cu, cu-st	4	cu, cu-st	3	sc-cu, hz	3	cu, cr-cu, cr-hz ...	4	cu, cr-cu, cr-hz ...	3
4	cu, cr-st, hz ...	4	cu, cr-st, hz ...	3	cu, hz	3	cu, hz	3	ovt	8	ny-ovt	7
5	cu, cr-cu, cr-st, hz ...	3	cu, cr-st, hz ...	3	cu, hz	3	cu, hz	3	cu, cu-st, hz, D ...	2	cu, cu-st	3
6	ny-ovt	7	ovt	8	ny-ovt	7	ny-ovt	7	ovt	8	ovt	8
7	ovt	8	ovt	8	ovt	8	ovt	8	ovt	8	ovt	8
8	ovt	8	ovt, lt-R	8	ovt	8	ovt	8	8	...	... ...	...
9	... ...	...	... ...	...	... ...	...	... ...	...	cu-st, cu	5	cu, hz	3
10	cu, cu-st, cr-cu, hz...	4	cu, d-hz	6	cu, hz	3	cu, hz	3	cu-hor	2	cu, cr-hz	2
11	cu, cr-st, d-hz ...	3	cu, cr-st, d-hz ...	3	cu, cr-st, d-hz ...	3	cu, cr-st, d-hz ...	3	cu, cr-hz	3	cu, cr-hz	2
12	cu, cr-st, d-hz ...	3	cu, cr-st, hz ...	3	cu, d-hz	3	cu, d-hz	3	cu, cr-hz	3	cu, cr-hz	4
13	cu, cr-st, hz ...	2	cu, cr-st, hz ...	2	cu, cr-st, hz ...	2	cu, cr-st, hz ...	3	cu, cr-hz	3	cu, cr-hz	2
14	cu, cr-cu, cr-st, d-hz.	5	cu, cr-st, hz ...	3	cu, cr-st, d-hz ...	3	cu, cr-st, d-hz ...	5	cu, cr-cu, cr-hz ...	5	cu, cr-cu, cr-hz ...	3
15	ny-ovt	7	cu, cr-cu, cr-st, hz...	5	cu, hz	4	cu, hz, nim... ...	3	... ...	...	... ...	...
16	... ...	...	... ...	...	... ...	...	... ...	...	ny-clear	0	cu, cr-hz	2
17	cu, cr-st, hz ...	5	cu, cr-st, hz ...	5	cu, cr-st, hz ...	3	cu, cr-st, hz ...	3	cu, hz	2	cr-cu, d-hz	6
18	cu, cr-st, hz ...	5	cu, cu-st, cr-st, hz...	7	ovt	8	ny-ovt	7	ny-ovt	7	ovt	8
19	cu, cr-st, d-hz ...	7	cu, cr-cu, cr-st, hz...	5	cu, cr, cr-st, hz ...	5	cu, cr-hz	4	cu, cr-cu, cr-hz ...	5	cu, cr-cu, cr-hz ...	4
20	cu, cr-st, hz ...	3	cu, cr-st, hz, hl-☽...	4	cu, cr-st, hz, hl-☽...	6	cu, cr-cu, cr-hz ...	4	cu, cr-hz	2	cu, cr-hz	2
21	cu, cr-st, hz ...	4	cu, cr-st, hz, hl-☽...	4	cr-st, cr-hz... ...	4	cr-st, cr-hz... ...	4	cr-cu, cr-hz ...	3	cr-cu, cr-hz ...	1
22	cu, cr-st, hz ...	3	cu, cr-st, hz ...	3	fl-cu, lt-hz	2	cr-cu, cr-hz... ...	3	... ...	...	... ...	...
23	... ...	...	... ...	...	... ...	...	... ...	...	cu, cr-st, cr-hz ...	4	cu, cr-st, cr-hz ...	4
24	cu, d-hz, cr-st ...	6	cu, cr-cu, cr-st, hz...	3	cu, cr-st, hz ...	3	cu, cr-st, hz ...	4	cu, cr-st, cr-hz ...	4	cr-cu, hz, D ..	2
25	cu, cr-st, cr-hz ...	6	cu, cr-cu, cr-st, hz...	3	cu, cr-st, hz ...	3	cu, cu-st, cr-hz ...	4	cu, cu-st, cr-hz ...	5	ovt	8
26	cu, cu-st, hz ...	3	cu, hz	1	cu, hz	3	cu, cr-st, cr-hz ...	4	cu, cr-hz ...	3	cu, cr-hz, D ..	2
27	cu, cu-st, cr-hz ...	3	fl-cu, cr-hz	3	fl-cu, cu-st	3	fl-cu, hz	3	cu, cu-st, hz ...	3	cu, hz, D	2
28	fl-cu	3	cu, hz	3	cu, hz	3	cu, hz	2	cu, cr-cu, cr-hz ...	4	cu, cr-cu, cr-hz ...	2
29	sc-cu, cr-hz... ...	3	sc-cu, hz	3	sc-cu, hz	3	sc-cu, hz	3	... ...	...	... ...	...
30	... ...	..	... ...	...	... ...	...	... ...	...	fl-cu, cr, cr-hz ...	4	fl-cu, cr, cr-hz ..	3
31	ou, cu-st	3	cu, cu-st	3	cu, cu-st	3	cu, cu-st	3	cu, cu-st	3	cu, cu-st	2

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE

ard....around
eld....clouds or cloudy
er or ci. cirri or cirro or cirrous
cu.....cumuli or cumulo
D.....dew
d.....dense
dis... distant
dt.....detached
E.....east
fg.....fog
fk.....forked
fl.....flying
fr.....frequent
g.....ground
hy....heavy
hl....halo
hor..horizon
hz.... haze or hazy
ld.... loud
lg....lightning
lt.....light
mt....meteor
N.....north
nim..nimbi
ny ...nearly
ov....overhead
ovt...overcast
ps....peals
pt.....part or partly or partial
R.....rain
r-b...rain-bow
S.....south
sc.....scattered
sh.... sheet
st.....stratus
th....thunder
thi...thick
v.....very
viv...vivid
W....west

REMARKS ON THE WEATHER FOR THE MONTH OF NOVEMBER, 1860

Date	12	Cloudy sky in 8ths	14	Cloudy sky in 8ths	16	Cloudy sky in 8ths	18	Cloudy sky in 8ths	20	Cloudy sky in 8ths	22	Cloudy sky in 8ths	Thermometers: Radiation Sol.	Radiation Ter.	Air Max.	Air Min.
1	clear, D ...	0	ny-clear ...	0	clear	0	cr-st, hz	2	cr	1	cr...	1	105·5	—	85·4	68·4
2	clear	0	clear	0	clear	0	sc-cu	3	sc-cu	1	cu, cr-st, hz ...	1	109·4	—	84·5	71·1
3	.../	...	... ...	...	... ...	...	... ...	...	... ...	...	... .	...	107·2	—	85·3	70·0
4	cr, cr-hz, D ...	3	cr, cr-st, cr-hz ..	4	cr, cr-st, cr-hz ...	3	cr-st, cr-hz ...	2	cu, cr-st, cr-hz ...	6	cu, cr-cu, cr-st,hz.	6	107·5	—	84·3	70·6
5	cr-cu, cr-hz, D..	4	uy-ovt ...	7	cu, d-cr-hz ...	6	cu, d-cr-hz ...	6	cu, cr-st, d-cr-hz..	6	cu, cr-st, d-cr-hz ..	6	97·9	—	83·1	72·4
6	cu,cr-st,cr-hz,hl-☽	6	cr, d-cr-hz ...	6	cr, d-cr-hz ...	5	cr-cu, cr-hz, cr-st.	3	cr-cu, cr-hz, cr-st.	4	cu, cr-cu, cr-st, hz	3	104·3	—	84·4	71·5
7	cr-st, cr-hz, D...	4	cr-st, cr-hz ...	3	cr, cr-hz	2	cu-hor	1	ny-clear	0	uy-clear	0	103·7	—	84·0	69·7
8	clear, D ...	0	clear	0	cr, cr-hz	1	clear	0	clear	0	clear	0	109·2	—	86·0	68·1
9	clear, D ...	0	cr, cr-st ...	2	ny-clear	0	cr-cu, cr-st ...	1	clear	0	cu, cr-st, hz ...	1	109·4	—	85·7	66·6
10	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	106·0	—	82·5	70·4
11	cu, hz	2	cu, cr	2	uy-clear	0	sc-cu	2	sc-cu	2	sc-cu	2	106·5	—	84·9	71·7
12	cu-hor	1	cu, cr-hz ...	2	cr-cu, cr-hz ...	2	fl-cu, cu-st, hz ..	5	sc-cu, cr-st ...	3	sc-cu, cr-st, cu-st.	3	108·3	—	84·7	72·7
13	cu, cr-hz ...	3	cu, cr-cu, cr-hz..	6	cr-cu, cr-hz, cr-st.	6	cu, cr-hz, cr-st ...	6	fl-cu, cr-hz ...	6	cu, cr, cr-st, cr-hz	7	105·3	—	84·6	75·4
14	cu, cr-hz ...	4	cu, cu-st, cr-hz..	7	ovt	8	ovt	8	cu, cr, cr-hz ...	6	cu, cr, cr-hz ...	6	96·5	—	82·2	73·8
15	cu, hz, D ...	3	cr-st, cr-hz ...	5	cr-st, cr-hz ...	5	cr-st, cr-hz ...	6	cr-st, cr-hz ...	6	cr-st, cr-hz ...	7	97·8	—	82·8	66·9
16	cr-cu, cr-hz, D...	3	cr-cu, cr-hz, D..	4	cu, cr-cu, cr-hz ...	6	cu, cr-cu, cr-hz ..	6	cr-st, cr-hz ...	6	cr-st, cr-hz ...	4	106·2	—	84·8	63·5
17	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	116·5	—	86·8	66·2
18	cu, cr-hz, D ...	3	cu, cr, cr-hz ...	3	cu, cr, cr-hz ...	2	clear	0	clear	0	clear	0	116·0	—	87·0	69·1
19	ny-clear ...	0	ny-clear ...	0	ny-clear	0	clear	0	fl-cu	3	cu, cr-st	2	112·8	—	86·8	71·1
20	cu, hz	1	uy-clear ...	0	sc-cu, hz	2	fl-cu, cu-st, nim...	4	fl-cu	2	ny-clear	0	112·2	—	84·9	72·4
21	ny-clear ...	0	cu-hor	1	cu, cr, cr-hz ...	6	cu, cu-st, cr ...	5	cu, cr-hz	6	cu, cr-st, hz ...	4	114·7	—	86·2	72·7
22	cu, cu-st, cr-hz .	6	cu, cu-st, cr-hz, nim ...	6	cu, cu-st, cr-hz, nim, R ...	6	cu, cu-st	6	uy-ovt	7	ny-ovt	7	101·5	—	83·9	74·0
23	cu, hz	2	cu, cu-st, cr-hz..	3	cu, cu-st, cr-hz ...	3	sc-cu, cu-st ...	3	fl-cu	3	cu-st, cr-st, hz ...	3	108·0	—	84·0	73·0
24	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	110·5	—	83·9	73·4
25	clear	0	cu	1	cu, hz	2	cu, hz	3	cu, hz	3	cu, hz	4	107·7	—	82·7	71·7
26	fl-cu	3	cu,cu-st,nim,r-b	4	cu, cu-st, nim ...	5	cu, cr-hz	4	cu, cu-st, cr-hz ...	5	cu, cu-st, cr-hz ...	5	106·8	—	82·5	73·3
27	clear	0	cr-cu, cr-hz ...	2	cu, cr-st	3	cu, cr-st, hz ...	3	cu, cr-st, hz ...	5	cu, cr-st, hz ...	6	107·0	—	83·5	77·0
28	cu, cr-hz ...	3	cu, cr-hz ...	3	cu, cr, cr-st, hz ...	6	cu, cr-hz, nim ...	5	cu, cr-hz, nim ...	7	cu, cr-hz, nim ...	7	103·3	—	82·5	71·7
29	ovt, R	8	ovt	8	uy-ovt	7	hy-cu, cu-st, nim .	7	uy-ovt, lt-R ...	7	cu, cu-st, cr-st ...	6	102·0	—	80·8	73·6
30	ovt	8	ovt	8	cu, cr, cr-hz ...	7	cu, cr-cu, cr-hz ...	7	uy-ovt, R ...	7	uy-ovt	7	106·1	—	82·6	74·1

REMARKS ON THE WEATHER FOR THE MONTH OF DECEMBER, 1860

1	... ...	...	.. ..	...	... ...	...	... ...	...	... ...	...	... ...	...	103·5	—	80·7	70·6
2	cu, cr-hz, D ...	4	cu, cr, cr-st, hz.	6	cu, cr-st, hz ...	6	cu, cr-hz	4	cu, cr-hz	5	cu, cr-st, hz ...	4	103·7	—	81·7	69·6
3	cu, cr-cu, cr-hz.	5	cu, cu-st, hz ...	4	cu, cr, hz ...	3	cu, cr-hz	4	cr-st, cr	4	cu, cr-st, hz ...	5	103·5	—	81·8	71·2
4	uy-ovt... ...	7	uy-ovt... ...	7	cu, cu-st, cr-hz....	4	cr-cu, cr-hz ...	3	cr, cr-st, cu ...	2	cu, cr-cu, cr-st ...	4	103·9	—	82·0	71·4
5	cu, cr, cr-hz ...	5	cu, cu-st, cr-st..	6	cu, cr, cr-hz ...	4	cr-cu, cr-hz ...	6	hy-cu	8	hy-cu, hz ...	8	103·7	—	81·3	69·5
6	ovt	8	ovt	8	ovt	8	ovt, lt-R	8	ovt	8	ovt	8	ovt.	—	81·7	73·7
7	ovt	8	ovt	8	ovt	8	ovt	8	ovt	8	ovt	8	ovt.	—	82·5	74·2
8	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	107·0	—	82·7	75·1
9	cu, hz	3	cu, hz	2	cu, hz	2	cu, cu-st	2	cu, cu-st	4	cu, cu-st ...	4	103·8	—	81·5	75·9
10	cu, cr-hz ...	4	cr-st, cr-hz ...	4	lt-cr, cr-hz ...	3	cu, cr-st, cr ...	3	sc-cu, cr	2	sc-cu, cr	3	103·9	—	82·0	71·6
11	uy-clear, D ...	0	cu, cr-hz ...	2	cu, cr-hz ...	3	cu, cr-hz... ...	3	fl-cu	3	fl-cu	2	104·6	—	81·4	69·2
12	cu, cr-hz ...	5	cu, cr-hz ...	3	cu, cu-st, cr-hz....	4	fl-cu	3	fl-cu	1	fl-cu, cr	2	105·5	—	81·8	70·4
13	cu, cr-hz, D ...	2	cu, cr-cu, cr-hz.	3	cu, cr-cu, cr-hz....	4	cu, cr-cu, cr-hz ...	6	cu, cr, cr-hz ...	6	cu, cr, cr-hz ...	6	105·2	—	81·4	70·0
14	ny-clear ...	0	cu, hz	3	cu, cr-hz ...	4	ovt	8	cu, cr-hz	6	cu, cr-cu, cr-hz ...	6	101·7	—	80·8	70·5
15	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	107·7	—	81·8	72·2
16	cu, cr-hz ...	2	cu, cr-hz ...	2	cu, cr, cr-hz ...	4	cu, cr-hz	6	cu, cr-hz	6	cu, cr-st, d-hz ...	6	103·5	—	80·7	75·1
17	cr-cu, d-hz ...	5	cu, cr-cu, d-hz...	5	cu, cr-cu, cr-hz....	5	cu, cr-cu, cr-hz ...	7	cu, d-cr-hz ...	7	cu, cr-st, d-hz ...	6	103·8	—	81·3	70·2
18	uy-ovt... ...	7	ovt	7	cu, cr-cu, hz ...	7	cu, cr-hz	7	cu, cr-hz	7	cu, cr-st, d-hz ...	7	100·9	—	81·0	75·4
19	cu, cr-cu, cr-hz.	5	cu, cr-cu, cr-hz.	6	cu, cr-cu, cr-hz....	5	cu, cu-st, cr-hz ...	4	cu, cu-st, cr-hz ...	5	cu, cr-st, hz ...	5	108·4	—	82·0	73·1
20	cu, cr-hz ...	3	cu, cr, d-hz ...	4	cu, cr-hz... ...	3	cu, cr, cr-hz ...	4	cu, cu-st, cr-hz ...	6	cu, cr-st, hz ...	6	105·3	—	81·2	70·1
21	cu, hz	2	cu, hz	2	cu, hz	3	fl-cu, hz	3	cu, cu-st... ...	3	cu, cr-st, hz ...	3	104·5	—	81·4	69·5
22	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	107·5	—	79·2	68·6
23	cu, cr-st, cr-hz..	4	cu, cr, cr-hz ...	4	cu, cr-cu, d-hz....	6	cu, cr-st, d-hz ...	6	cu, cr-st, d-hz ...	7	cu, cr-st, d-hz ...	7	106·5	—	80·7	69·2
24	cr-cu, hz, D ...	2	cu, cu-st, cr-hz.	4	cu, cr-cu, cr-st, hz	5	cu, cu-st, cr-hz ...	5	ny-ovt	7	ny-ovt	7	108·5	—	80·8	69·3
25	ny-ovt... ...	7	cu, cu-st, nim...	6	cu, cr-st, hz ...	5	cu, cu-st, hz ...	5	cu, cu-st, hz ..	4	cu, cu-st, hz ..	4	108·8	—	80·7	71·9
26	cu, cr-hz, D ...	3	cu, cr-hz ...	4	cu, cr-hz ...	3	cu, cu-st, cr-hz ...	3	cu, cu-st, cr-hz ...	4	cu, cu-st, cr-hz ...	4	104·3	—	80·2	68·3
27	cu, hz, D ...	2	cu, hz	3	cu, hz	3	fl-cu, cu-st ...	3	fl-cu, cu-st ...	3	cu, cr-hz	5	105·5	—	80·9	68·1
28	cr-cu,cu,cr-hz,D.	4	cu, hz, D ...	2	cu, cr-st, hz ...	3	cu, cr-st, hz ...	3	cu, cr-st, hz ...	4	cu, cr-st, hz ...	4	104·5	—	81·0	70·2
29	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	105·5	—	79·4	70·2
30	cu, cr-cu, hz ...	5	sc-cu, cr-hz ...	4	cu, cr-hz ...	3	cu, cu-st	4	cu, cu-st	4	fl-cu, cu-st ...	4	105·7	—	80·6	75·0
31	cu, cu-st ...	2	cu, hz	2	cu, cu-st, hz ...	2	cu, cr-cu... ...	4	cu, cr-cu, cr-hz ...	5	cu, cr-cu, cr-hz ...	5	108·6	—	79·7	69·1

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE

ard....around
cld....clouds or cloudy
cr or ci. cirri or cirro or cirrous
cu.....cumuli or cumulo
D.....dew
d.....dense
dis...distant
dt....detached
E.....east
fg.....fog
fk.....forked
fl.....flying
fr....frequent
g.....ground
hy....heavy
hl ...halo
hor...horizon
hz....haze or hazy
ld....loud
lg....lightning
lt....light
mt...meteor
N.....north
nim..nimbi
ny...nearly
ov.....overhead
ovt.....overcast
ps...peals
pt....part or partly or partial
R...rain
r-b...rain-bow
S.....south
sc...scattered
sh...sheet
st ....stratus
th...thunder
thi...thick
v.....very
viv...vivid
W ...west

MADRAS, 1861

METEOROLOGICAL OBSERVATIONS

BAROMETRIC PRESSURE

Barometer at 32°=29 English Inches+the number in the Table

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.*	In.	In.*	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	1·020	1·039	1·069	1·090	1·102	1·104	1·092	1·073	1·064	1·045	1·035	1·021	1·025	1·047	1·055	1·082	1·091	1·104	1·099	1·074	1·040	1·014	1·003	1·004	1·058
2	·020	·037	·043	·061	·065	·071	·069	·061	·041	·046	·038	·025	·038	·058	·071	·097	·110	·100	·074	·050	·015	0·978	0·967	0·971	·046
3	0·985	·009	·024	·044	·055	·058	·055	·040	·021	·023	·010	·008	·014	·029	·049	·069	·091	·089	·069	·041	·008	·987	·966	·964	·029
4	·976	0·991	0·999	·024	·028	·030	·020	·007	·000	0·999	0·975	0·987	0·996	·000	·008	·029	·047	·047	·032	·011	0·974	·938	·912	·908	0·997
5	·927	·941	·957	0·978	0·995	·001	0·993	0·984	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	0·982	·965	·947	·937	·934	0·959	0·999	·015	·019	·028	·007	0·976	·950	·906	·897	·895	·966
7	·899	·920	·931	·958	·972	0·990	1·000	·986	·965	·935	·912	·913	·915	·923	·946	0·969	·000	·008	0·997	·971	·942	·916	·889	·887	·948
8	·892	·903	·924	·941	·965	·980	0·983	·986	·967	·950	·937	·934	·945	·959	·973	·996	·015	·022	1·012	1·004	·959	·932	·913	·919	·959
9	·940	·951	·969	·990	1·002	1·023	1·028	1·024	·997	·975	·962	·958	·955	·967	·981	1·001	·023	·035	·012	0·995	·978	·953	·936	·932	·983
10	·939	·954	·967	·982	0·996	·005	·012	·003	·992	·973	·961	·958	·956	·966	·993	·010	·032	·036	·028	1·015	·984	·950	·938	·933	·983
11	·937	·946	·963	·989	1·007	·010	·001	0·990	·976	·968	·960	·958	·977	·982	·993	·024	·056	·049	·027	·004	·989	·958	·944	·931	·985
12	·933	·955	·979	1·005	·017	·024	·021	1·015	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	·965	·961	·953	·950	·954	·959	·975	·003	·020	·042	·028	·011	·985	·950	·935	·931	·982
14	·942	·954	·977	0·999	·015	·018	·013	·012	1·012	·985	·963	·961	·990	·998	1·018	·042	·065	·075	·059	·049	1·020	·994	·975	·968	1·004
15	·959	·975	1·000	1·030	·038	·046	·046	·041	·035	1·005	·998	·996	1·007	1·024	·034	·062	·082	·079	·070	·047	·007	·977	·946	·943	·019
16	·939	·943	0·960	0·986	·002	0·999	0·992	0·983	0·973	0·968	·945	·931	0·958	0·969	0·981	·014	·034	·034	·003	0·977	0·942	·901	·875	·873	0·966
17	·876	·889	·914	·935	0·956	·970	·967	·952	·935	·914	·904	·885	·898	·930	·956	0·981	·012	·024	·013	·998	·972	·937	·920	·917	·944
18	·919	·935	·957	·979	·996	1·013	1·007	·998	·991	·970	·955	·945	·960	·978	·989	1·008	·039	·049	·036	1·012	·991	·963	·930	·922	·981
19	·933	·942	·957	·981	·997	·011	·021	·999	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	·995	·980	·973	·961	·965	·970	·982	0·996	·019	·028	·010	0·990	·953	·927	·896	·881	·974
21	·889	·893	·907	·931	·959	0·967	0·967	·959	·953	·929	·904	·886	·882	·902	·926	·950	0·977	0·981	0·967	·940	·897	·866	·839	·821	·920
22	·831	·840	·870	·885	·905	·920	·922	·912	·900	·892	·884	·892	·898	·902	·925	·956	·985	·995	·983	·957	·927	·894	·870	·865	·909
23	·871	·873	·890	·907	·937	·943	·955	·940	·936	·925	·909	·908	·916	·927	·953	·977	1·007	1·004	·995	·973	·948	·922	·892	·885	·933
24	·887	·899	·936	·972	·995	1·002	1·005	·998	·977	·970	·950	·945	·951	·960	·975	·998	·039	·048	1·029	1·001	·976	·942	·916	·910	·970
25	·914	·920	·935	·966	·979	0·988	0·987	·981	·975	·959	·947	·935	·939	·953	·968	·993	·034	·035	·035	·002	·974	·931	·893	·880	·963
26	·894	·899	·907	·941	·963	·982	·970	·950	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	·976	·954	·934	·917	·927	·935	·942	·967	0·990	0·991	0·973	0·951	·913	·884	·850	·839	·935
28	·847	·860	·876	·898	·918	·933	·928	·921	·908	·886	·882	·864	·868	·876	·889	·915	·951	·955	·944	·919	·897	·866	·834	·819	·894
29	·830	·848	·864	·878	·894	·899	·897	·889	·878	·875	·868	·864	·861	·881	·900	·932	·961	·960	·943	·927	·898	·873	·841	·837	·887
30	·843	·862	·870	·896	·919	·934	·930	·928	·919	·909	·908	·906	·915	·930	·935	·964	·983	1·006	·997	·973	·950	·919	·886	·866	·923
31	·870	·882	·900	·934	·971	·991	·975	·966	·962	·944	·930	·927	·935	·958	·970	·984	1·008	·017	1·004	·985	·966	·936	·904	·891	·950
JANUARY 1861 Means	0·915	·928	·946	·970	·987	·997	·995	·985	·974	·959	·946	·940	·947	·961	·977	1·001	·026	·031	·017	0·995	·965	·934	·910	·903	0·967
1	0·897	0·907	0·929	0·959	0·979	0·987	0·979	0·971	0·964	0·947*	0·931	0·923*	0·932	0·961	0·980	1·002	1·027	1·026	1·008	0·985	0·952	0·918	0·884	0·872	0·955
2	·880	·885	·905	·933	·942	·946	·941	·933	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	·891	·887	·874	·881	·897	·912	·919	0·936	0·965	0·981	0·972	·944	·911	·876	·844	·832	·912
4	·832	·845	·864	·884	·895	·907	·905	·903	·879	·854	·848	·833	·835	·868	·889	·916	·949	·955	·940	·912	·881	·851	·821	·798	·878
5	·793	·801	·819	·832	·861	·875	·883	·878	·869	·851	·834	·835	·848	·859	·880	·897	·914	·935	·927	·902	·875	·850	·818	·808	·860
6	·815	·828	·850	·868	·882	·897	·912	·900	·877	·862	·851	·846	·869	·897	·921	·958	·981	1·002	·994	·967	·931	·900	·873	·867	·898
7	·866	·880	·896	·927	·952	·976	·990	·985	·954	·934	·907	·917	·925	·942	·961	·982	1·025	·023	1·009	·990	·958	·933	·900	·891	·947
8	·893	·903	·924	·947	·968	·991	·998	·973	·947	·923	·917	·921	·925	·953	·960	·974	·005	·016	·007	·991	·968	·933	·904	·892	·951
9	·881	·895	·904	·921	·939	·952	·959	·954	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	·948	·922	·906	·917	·915	·930	·944	·974	·009	·023	·021	1·002	·974	·952	·924	·902	·944
11	·900	·911	·937	·958	·986	1·003	1·000	·996	·974	·941	·922	·910	·915	·925	·956	·986	·015	·025	·020	·005	·983	·953	·920	·904	·960
12	·914	·918	·927	·956	·975	0·990	0·999	·991	·985	·971	·946	·929	·935	·944	·965	·999	·028	·046	·048	·013	·986	·951	·920	·898	·968
13	·896	·902	·920	·961	·988	·996	·992	·983	·969	·944	·944	·921	·933	·956	·969	·998	·025	·042	·038	·020	·992	·949	·917	·903	·965
14	·896	·905	·926	·945	·958	·979	·980	·974	·950	·944	·941	·924	·918	·936	·963	·988	·005	·007	0·997	0·976	·945	·917	·874	·858	·946
15	·849	·860	·891	·912	·936	·953	·961	·959	·953	·937	·920	·908	·912	·920	·928	·952	0·979	0·997	·986	·964	·938	·908	·874	·869	·928
16	·871	·881	·899	·920	·943	·961	·969	·958	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	—	·974	·955	·947	·964	·967	·991	1·010	1·030	1·053	1·059	1·058	1·025	·992	·966	·946	·940	·970
18	·943	·968	·989	1·009	1·031	1·056	1·061	1·055	1·046	1·023	1·018	1·011	1·018	1·038	·068	·082	·108	·112	·091	·072	1·043	1·010	·985	·980	1·034
19	·974	·973	1·019	·041	·064	·077	·074	·055	·035	·014	·010	·008	·008	·020	·034	·065	·093	·091	·075	·046	·009	0·981	·944	·938	·027
20	·940	·947	0·966	0·976	·004	·024	·019	·008	0·997	0·974	0·958	0·968	0·973	0·999	·015	·038	·066	·074	·060	·047	·025	·978	·952	·944	0·998
21	·951	·952	·977	1·007	·033	·050	·048	·037	1·031	1·008	·982	·965	·969	·979	·021	·039	·067	·082	·071	·050	·013	·983	·960	·949	1·009
22	·947	·960	·973	0·989	·017	·037	·033	·017	·006	0·984	·961	·960	·968	·995	·012	·043	·061	·074	·059	·033	·005	·979	·950	·940	·000
23	·934	·946	·962	·974	·004	·021	·016	·001	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	0·961	·943	·927	·917	·915	·929	0·947	0·971	0·993	·006	·000	0·976	0·949	·930	·897	·893	0·959
25	·897	·921	·933	·957	0·978	0·987	0·979	0·971	·962	·946	·930	·919	·922	·934	·947	·967	·998	0·991	0·981	·956	·938	·920	·894	·887	·946
26	·894	·902	·925	·949	·977	·984	·982	·966	·960	·942	·937	·935	·940	·965	·973	·997	1·008	1·020	1·001	·980	·955	·929	·899	·886	·954
27	·892	·905	·928	·954	·977	·985	·986	·971	·965	·947	·940	·939	·951	·962	·969	·994	·009	·020	·004	·983	·958	·942	·917	·909	·959
28	·908	·920	·944	·954	·983	·993	·997	·985	·980	·972	·961	·956	·961	·980	·995	1·012	·036	·040	·020	·993	·963	·941	·916	·901	·971
FEBRUARY 1861 Means	0·894	·905	·925	·947	·970	·984	·986	·976	·962	·943	·930	·925	·931	·950	·968	·992	1·017	1·027	1·016	0·993	·964	·935	·906	·894	0·956

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

DRY THERMOMETER, STANDARD No. 7

(Corrected to the Kew Observatory Standard Thermometer)

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	o	o	o	o	o	o	o	o	o	* o	o	* o	o	o	o	o	o	o	o	o	o	o	o	o	o
1	77·4	76·3	75·8	75·3	75·3	74·6	74·6	73·9	70·8	69·7	69·7	69·7	72·9	70·0	69·4	71·3	73·4	78·0	79·3	80·4	79·5	79·8	79·2	78·8	74·8
2	77·3	76·3	75·8	75·3	75·4	75·3	74·9	74·9	74·9	74·4	74·4	74·4	71·4	68·9	68·7	71·5	75·8	78·3	79·3	79·4	79·6	80·4	80·0	79·2	75·7
3	78·3	77·1	76·1	76·0	75·6	75·5	75·2	75·1	74·6	74·3	71·4	68·6	67·6	66·7	66·9	70·4	74·9	77·6	79·0	79·3	79·3	78·8	78·9	78·4	74·8
4	77·3	75·5	75·2	74·8	75·3	74·5	74·6	74·5	74·3	71·4	69·1	68·4	67·3	66·9	66·6	69·6	76·4	78·3	79·6	79·3	79·4	79·4	79·6	77·7	74·4
5	77·3	76·1	75·3	75·3	74·6	74·4	73·9	73·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	72·6	71·6	70·0	70·2	69·6	67·6	67·4	70·6	75·3	77·3	78·6	79·3	79·4	79·6	78·6	78·7	74·5
7	78·1	76·7	75·8	75·4	75·3	75·3	74·4	74·3	71·4	70·2	69·6	69·4	69·2	68·2	68·3	71·3	74·4	78·4	79·3	81·3	80·3	80·3	80·1	79·4	74·8
8	78·4	77·3	76·5	75·8	75·7	75·3	75·0	73·6	71·9	71·4	71·2	70·4	70·0	69·4	69·2	72·4	77·5	79·3	79·6	80·3	82·3	81·3	81·4	80·4	75·6
9	79·3	77·6	77·0	76·2	75·6	74·4	73·0	71·9	71·3	70·4	69·4	68·9	69·2	68·4	69·2	71·9	75·8	78·5	79·1	80·8	80·8	81·5	80·4	79·7	75·0
10	79·1	77·0	76·4	75·6	75·3	75·2	73·6	72·4	71·4	71·4	71·3	71·6	71·4	71·0	71·4	75·7	77·5	80·5	80·5	80·6	82·1	81·5	81·1	80·6	76·0
11	79·2	78·1	77·3	76·3	76·3	76·3	75·6	75·5	74·9	74·9	73·4	73·0	73·4	75·2	75·3	77·3	79·3	79·6	79·8	80·8	81·1	81·1	81·2	79·8	77·3
12	79·3	77·6	77·1	76·8	76·5	76·1	76·3	75·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	76·2	75·8	75·5	75·5	75·3	75·3	75·3	77·8	79·0	80·3	80·5	81·8	82·3	82·1	80·3	80·3	77·9
14	79·9	78·4	77·4	77·3	76·8	76·8	76·4	76·1	75·5	75·4	75·9	76·0	76·1	75·9	76·3	77·3	79·3	80·8	81·8	81·9	81·3	81·8	80·7	80·4	78·1
15	79·7	78·0	77·3	76·3	75·8	76·4	76·3	75·9	75·4	74·7	74·1	75·3	75·1	73·4	71·9	74·6	79·1	80·5	80·6	81·7	82·7	81·3	80·7	80·7	77·4
16	79·2	77·8	76·3	75·8	75·7	75·3	73·9	74·1	72·6	71·4	71·4	70·2	69·9	69·4	69·4	71·7	75·8	78·2	81·3	82·1	82·3	82·5	81·4	80·9	75·8
17	79·7	77·5	76·5	76·5	76·5	75·6	75·1	72·9	72·0	70·9	70·4	68·4	68·9	68·9	69·4	71·9	76·4	79·5	80·7	81·3	81·3	81·5	81·3	81·1	75·6
18	80·7	78·2	77·1	76·3	75·5	73·9	72·9	71·2	71·4	71·2	70·4	69·6	69·4	68·9	68·4	71·6	76·2	79·0	81·1	81·5	81·9	81·9	81·7	81·1	75·5
19	79·1	77·3	76·3	75·3	73·2	71·4	70·4	68·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	74·3	73·6	73·0	72·4	71·8	71·2	71·2	73·9	77·3	81·8	83·9	84·1	83·9	84·0	83·5	82·0	76·4
21	81·5	79·9	79·1	78·3	78·2	78·3	77·8	77·3	76·5	75·9	75·5	74·9	73·4	73·1	72·4	75·5	79·3	83·0	83·6	83·7	83·9	84·3	83·5	83·2	78·8
22	81·5	79·7	79·0	78·3	77·9	77·5	77·2	77·6	77·3	77·1	76·5	75·5	74·6	73·3	73·2	75·7	79·3	81·5	84·3	84·5	84·4	84·1	83·3	82·6	79·0
23	81·4	79·7	78·3	77·3	76·7	76·7	76·5	76·3	75·6	74·4	73·1	73·1	72·6	71·8	71·6	74·2	76·8	80·6	82·6	83·5	83·2	83·3	82·6	82·5	77·7
24	80·7	79·2	78·3	78·4	78·0	77·9	77·9	77·7	76·3	75·2	74·2	73·8	72·8	71·9	72·4	74·4	77·6	81·1	82·5	83·5	82·6	82·8	82·8	82·2	78·1
25	80·6	80·4	78·7	78·2	77·5	77·7	77·1	77·1	77·3	75·8	73·9	73·4	73·2	72·4	72·4	75·5	78·8	81·1	82·3	82·9	82·3	82·3	81·8	81·8	78·1
26	81·0	79·5	78·3	78·0	77·9	77·6	77·3	77·1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	75·6	73·9	72·4	71·6	70·5	70·4	70·3	73·4	78·2	80·5	81·9	82·2	82·5	83·1	82·6	81·5	77·4
28	80·8	79·1	77·5	76·6	75·2	72·9	71·6	71·2	70·8	70·0	69·9	69·6	69·3	68·6	68·7	71·6	76·1	79·3	82·3	83·5	84·3	84·5	84·8	84·2	75·9
29	82·3	79·6	78·4	77·9	77·5	77·3	76·6	76·3	75·3	74·0	72·0	70·3	69·6	69·1	68·3	72·4	76·0	79·5	82·3	83·1	83·5	83·3	82·7	81·7	77·0
30	81·4	79·4	78·0	77·4	77·2	76·3	76·1	75·3	74·6	73·4	73·4	70·5	70·2	69·2	69·4	72·9	75·9	80·3	81·5	83·1	83·3	83·7	82·7	81·9	77·0
31	81·0	79·0	77·7	76·2	76·2	76·4	76·3	76·5	75·9	74·4	72·4	71·4	69·9	69·5	69·4	72·8	77·1	81·3	81·5	82·3	83·3	83·3	82·3	82·3	77·0
Means	79·7	78·1	77·1	76·6	76·2	75·7	75·2	74·7	74·1	73·2	72·4	71·7	71·3	70·5	70·5	73·3	77·0	79·8	81·1	81·8	82·0	82·0	81·5	80·9	76·5
1	80·6	78·7	77·5	77·2	77·0	76·3	76·3	76·0	76·0	* 75·8	74·9	* 70·9	69·4	68·1	68·4	71·5	76·3	80·6	80·6	81·7	81·8	81·8	81·5	81·0	76·7
2	79·7	78·3	76·5	76·2	75·5	75·3	75·1	74·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	71·6	70·4	68·4	66·6	66·5	66·3	66·2	69·6	74·4	78·3	81·5	83·3	83·2	83·3	82·8	81·7	75·2
4	80·9	78·7	77·6	76·5	74·6	72·4	70·3	68·4	67·4	67·4	66·9	66·6	65·9	65·9	66·4	69·4	75·2	78·6	81·4	83·3	83·5	83·5	83·4	83·3	74·5
5	81·5	79·2	76·4	73·6	72·5	71·4	70·4	68·4	67·4	66·9	66·4	66·4	66·2	66·1	65·9	69·4	73·4	78·3	82·1	84·6	84·6	84·6	84·7	84·5	74·4
6	81·9	79·4	77·0	75·6	74·3	73·4	71·6	70·6	69·1	68·4	67·4	67·0	66·4	66·4	66·9	71·2	74·4	77·8	82·3	85·3	85·8	76·4	86·3	85·1	75·4
7	83·2	79·9	77·3	75·3	74·0	72·9	72·2	71·7	71·4	69·9	69·6	69·6	69·1	68·0	67·6	69·4	74·1	78·3	81·3	84·1	85·1	85·5	84·5	83·5	75·7
8	82·1	79·4	77·9	77·0	76·0	73·6	72·4	70·7	69·6	68·9	68·9	68·4	68·6	67·7	67·7	69·4	73·5	78·6	82·8	82·7	83·8	83·5	83·5	82·1	75·4
9	80·9	78·7	77·2	74·6	72·6	71·2	70·2	68·9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	68·9	67·7	67·4	67·1	66·6	66·4	66·5	70·4	75·5	78·3	81·5	81·8	84·1	84·1	82·7	82·5	74·4
11	81·4	79·4	77·2	75·6	74·4	71·9	70·4	69·4	68·6	67·4	66·2	65·5	65·4	65·2	65·4	68·6	75·5	78·4	80·3	81·3	82·3	82·6	82·7	81·6	74·0
12	80·7	78·9	77·0	75·6	73·4	72·6	71·5	70·3	69·1	68·4	67·4	67·3	66·6	65·4	66·9	70·4	75·2	78·3	80·4	81·5	81·6	81·4	81·8	81·5	74·3
13	80·3	78·7	76·4	72·3	70·9	69·9	69·7	69·1	68·4	68·9	69·4	69·4	69·9	70·2	70·4	73·1	76·7	78·6	79·6	80·8	81·8	82·6	82·1	81·8	74·6
14	80·3	78·7	76·5	76·1	75·2	74·9	74·2	70·8	68·4	67·4	67·4	65·5	64·6	65·4	65·6	69·9	75·3	77·5	79·3	80·8	81·3	81·7	81·7	80·7	74·1
15	79·5	77·7	75·6	73·3	72·6	70·1	68·6	67·4	66·4	65·4	64·7	64·4	64·2	63·4	63.6	67·9	72·4	76·8	79·9	81·3	81·9	82·4	82·7	82·6	72·7
16	80·7	78·7	75·2	73·8	72·2	70·4	69·3	68·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	—	69·2	68·6	68·4	67·7	67·6	67·2	67·4	71·3	75·5	80·0	80·9	82·8	83·1	83·1	83·1	82·4	74·5
18	81·7	79·9	78·3	77·5	77·3	77·2	77·1	76·8	76·3	74·4	72·9	71·3	70·5	69·2	69·1	74·0	78·5	81·3	81·4	82·3	82·5	82·3	82·3	82·1	77·3
19	80·7	79·9	78·5	78·2	77·6	77·3	77·2	76·8	76·1	75·8	75·3	75·2	74·9	72·4	70·4	73·6	79·2	81·5	82·5	83·1	83·8	83·0	83·4	82·1	78·3
20	80·9	79·7	79·6	79·1	79·1	78·7	78·4	78·1	77·3	76·8	76·3	76·1	75·3	74·7	74·4	77·2	81·3	83·1	84·7	84·8	84·5	84·7	84·0	83·6	79·7
21	81·9	80·7	79·6	79·1	79·0	78·5	78·3	78·1	77·3	77·3	76·5	76·5	76·4	75·0	73·6	76·3	80·7	81·8	83·9	83·3	84·0	84·3	84·1	83·1	79·6
22	82·1	80·7	79·4	78·5	78·3	78·1	77·9	77·5	76·4	76·2	74·3	72·2	71·6	71·2	71·0	74·2	78·3	81·5	81·9	83·3	83·1	83·5	82·6	81·5	78·1
23	81·6	79·9	78·6	78·4	78·2	77·7	76·8	75·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	70·6	69·4	68·6	68·4	67·7	68·1	68·4	72·4	77·9	80·7	82·3	82·3	83·6	83·3	83·2	82·2	76·5
25	80·9	79·7	78·0	77·2	76·3	73·4	71·6	70·4	70·4	69·8	69·4	68·6	67·7	67·4	67·2	71·1	76·8	79·8	83·1	84·5	85·4	84·3	82·3	82·3	75·7
26	81·5	80·0	78·6	78·2	77·9	77·6	75·2	73·4	73·0	71·9	71·6	70·6	69·7	69·7	69·6	75·3	80·5	82·7	85·3	85·8	85·1	86·3	84·7	84·2	77·8
27	81·9	80·3	79·3	78·5	78·2	78·1	77·3	75·6	74·4	73·4	73·2	71·9	71·6	71·1	71·6	75·3	79·2	82·1	85·2	86·5	85·5	85·3	84·7	84·4	78·5
28	83·0	81·8	80·4	79·5	79·2	79·0	78·5	77·6	77·5	76·5	74·9	73·6	73·2	72·7	72·9	77·1	82·6	85·2	85·6	86·6	87·1	87·3	86·1	86·0	80·2
Means	81·2	79·5	77·7	76·5	75·7	74·7	73·8	72·7	71·7	71·0	70·3	69·4	69·0	68·5	68·5	72·0	76·8	79·9	82·1	83·2	83·7	83·8	83·4	82·7	76·2

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* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

WET THERMOMETER, STANDARD No. 8

(Corrected to the Kew Observatory Standard Thermometer)

	Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
	Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
JANUARY 1861		o	o	o	o	o	o	o	o	o *	o	o *	o	o	o	o	o	o	o	o	o	o	o	o	o	o
	1	69·3	69·3	69·3	69·0	68·5	68·3	68·3	68·5	67·8	67·5	67·3	66·6	67·3	67·5	66·9	68·4	69·4	70·0	70·3	70·8	69·7	70·4	70·8	70·3	68·8
	2	70·0	68·8	68·3	68·0	67·8	67·6	67·8	67·8	67·3	67·5	67·3	67·5	66·9	66·4	66·4	68·0	68·3	69·3	69·3	69·0	69·3	70·4	69·4	68·3	68·2
	3	67·5	67·1	68·1	67·4	67·3	67·1	66·4	67·0	66·4	66·8	67·0	65·3	64·6	64·4	64·4	66·1	66·9	68·0	68·9	69·3	69·3	69·5	68·6	68·5	67·2
	4	68·2	67·5	67·5	68·2	68·4	67·8	67·6	67·8	66·4	67·2	65·6	66·1	65·4	64·9	64·6	66·4	69·1	69·9	70·5	70·3	69·8	70·0	69·9	69·1	67·8
	5	68·5	71·0	70·5	70·5	68·5	68·8	68·1	67·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	6	—	—	—	—	—	—	—	—	68·8	68·3	67·9	67·7	67·5	66·2	66·0	68·1	70·2	70·6	71·1	71·3	71·0	72·1	71·0	70·5	69·2
	7	70·3	70·4	70·5	70·2	70·2	70·3	70·1	70·1	68·3	67·6	67·3	67·5	67·3	66·6	66·4	68·3	70·3	72·8	72·3	72·3	72·3	72·5	72·5	71·5	69·9
	8	71·0	70·8	71·3	71·0	71·2	71·3	71·3	71·2	69·3	69·3	69·2	68·3	68·7	67·7	67·3	70·3	72·0	72·8	72·8	73·2	73·6	73·4	73·5	73·3	71·0
	9	73·0	71·8	72·2	72·3	71·7	71·3	70·8	70·3	69·1	68·8	68·0	67·3	67·9	67·1	67·5	70·0	70·5	71·5	72·5	73·2	73·1	73·2	72·7	73·2	70·8
	10	72·7	72·0	71·4	71·6	71·6	71·1	70·8	70·3	69·3	69·5	69·6	69·3	69·3	69·1	69·3	72·3	72·3	73·9	73·2	73·6	74·2	73·2	73·5	73·4	71·5
	11	73·1	73·2	72·6	72·3	72·8	72·3	72·3	72·3	71·3	71·3	71·1	71·1	71·8	72·1	71·8	73·2	72·5	73·2	73·2	73·6	73·2	73·0	72·8	73·2	72·5
	12	73·7	73·3	72·1	71·5	71·3	71·3	72·0	71·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	13	—	—	—	—	—	—	—	—	72·3	72·1	71·8	71·9	71·8	71·3	71·3	71·9	71·7	72·3	72·9	73·8	74·0	73·6	73·8	73·2	72·4
	14	73·2	72·9	73·2	73·3	72·8	71·8	71·6	70·8	71·3	72·1	71·7	71·7	71·5	72·1	72·3	72·3	72·6	73·2	73·7	73·9	73·2	72·1	72·3	72·5	72·4
	15	72·4	72·7	71·3	71·3	70·8	71·3	71·3	71·3	71·2	70·8	70·5	70·5	70·8	70·1	71·2	73·2	73·2	73·7	75·2	74·4	73·8	72·7	72·7	72·7	72·0
	16	72·6	72·3	71·3	71·3	70·8	70·5	70·5	70·3	70·1	69·5	69·3	67·8	67·6	67·8	68·0	69·1	71·0	72·3	73·4	73·1	72·5	72·1	72·5	73·0	70·8
	17	73·4	72·1	72·1	72·1	71·5	71·3	71·3	70·5	70·1	69·3	69·3	67·8	67·6	67·8	68·3	69·0	70·3	72·3	73·1	73·8	73·4	73·1	72·8	73·2	71·1
	18	73·6	72·7	72·5	72·3	72·1	71·1	70·3	69·7	69·5	69·3	68·5	68·3	67·8	67·0	67·2	69·0	71·3	71·8	72·9	73·9	73·2	73·1	73·0	72·7	70·9
	19	72·5	72·2	72·1	71·5	70·5	69·5	68·5	68·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20	—	—	—	—	—	—	—	—	71·3	71·3	71·5	71·3	71·0	70·1	69·5	71·3	72·2	73·0	74·8	75·6	75·9	75·7	76·2	75·9	72·2
	21	75·6	75·2	74·6	74·4	74·0	74·4	74·2	74·2	74·2	74·2	74·0	73·4	71·8	71·5	71·1	73·1	75·0	76·0	76·9	77·1	75·5	76·4	76·0	76·1	74·5
	22	75·3	75·2	74·3	74·2	74·2	74·0	74·2	74·8	73·7	73·4	73·2	73·2	72·3	71·3	71·8	73·8	74·7	74·8	75·8	76·0	75·8	75·8	75·8	75·4	74·3
	23	75·1	74·9	74·2	73·2	72·8	73·2	73·6	74·1	73·2	72·4	71·3	71·3	71·3	71·0	70·3	72·3	72·8	73·2	74·2	75·6	75·1	75·2	74·9	74·5	73·3
	24	74·8	73·2	72·4	73·0	72·5	73·2	73·2	72·7	72·3	71·7	71·3	71·3	70·8	70·3	70·3	71·3	72·0	73·4	74·2	74·3	73·7	74·2	74·3	73·8	72·7
	25	73·2	73·2	72·5	72·3	72·3	73·1	72·9	72·9	72·8	72·3	71·5	71·1	70·9	70·3	70·3	72·0	72·8	73·5	73·9	74·6	74·0	74·9	74·4	74·3	72·7
	26	74·2	73·2	72·7	72·5	72·3	72·9	72·3	72·9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	27	—	—	—	—	—	—	—	—	71·3	71·3	70·3	69·3	68·5	68·5	68·8	69·8	72·0	72·9	74·6	74·0	73·4	73·2	73·2	73·2	72·0
	28	73·3	72·4	72·5	72·4	71·3	70·5	69·9	69·0	68·7	68·3	68·1	68·3	67·6	67·3	67·4	69·3	71·9	72·3	71·8	72·3	71·9	71·8	71·4	72·3	70·5
	29	72·2	72·5	72·4	72·5	72·7	72·9	72·6	72·3	72·3	71·7	69·3	68·3	67·6	67·3	66·6	69·5	70·8	72·3	70·8	71·3	72·3	72·3	72·6	72·2	71·1
	30	71·2	71·1	70·5	70·1	70·1	70·2	69·8	70·3	69·7	69·5	68·3	67·6	67·3	66·5	67·3	68·8	70·3	72·3	72·8	71·8	71·7	72·3	72·7	71·9	70·2
	31	72·2	71·1	70·5	70·2	70·5	70·3	70·8	70·6	69·5	69·3	68·3	68·3	67·3	66·9	66·9	68·1	70·3	72·3	73·7	73·2	73·2	73·4	72·6	72·5	70·5
	Means	72·3	71·9	71·6	71·4	71·1	71·0	70·8	70·7	70·3	70·1	69·6	69·2	68·9	68·5	68·4	70·1	71·3	72·3	72·9	73·2	72·9	73·0	72·8	72·6	71·1
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	1	71·1	70·5	70·3	70·1	70·1	70·3	70·3	69·9	70·3 *	70·5	68·8 *	67·5	66·1	65·7	65·9	68·3	68·9	69·3	69·3	69·5	69·3	70·3	70·0	69·6	69·2
	2	69·0	69·2	67·2	67·7	66·6	66·4	66·5	67·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	3	—	—	—	—	—	—	—	—	68·9	67·7	66·4	64·4	64·6	64·4	64·6	66·4	69·0	71·3	71·8	72·3	72·5	70·2	70·1	72·3	68·2
	4	72·6	72·5	72·0	71·1	70·0	69·1	68·1	66·4	65·8	65·6	64·4	63·9	63·3	63·4	64·4	66·6	69·3	70·8	71·0	72·1	72·3	73·2	72·6	73·0	68·9
	5	72·5	72·4	72·2	70·3	69·9	68·5	67·3	66·4	64·4	64·9	64·4	64·2	64·8	64·6	64·2	66·6	70·0	71·5	72·1	72·8	73·2	72·5	73·0	72·5	69·0
	6	72·7	73·0	73·0	72·5	72·0	71·3	69·5	68·3	67·3	67·0	66·1	65·6	64·9	64·4	65·4	68·3	70·3	71·5	72·3	74·2	74·4	73·9	72·0	70·5	70·0
	7	71·2	71·5	72·3	72·6	71·5	71·3	70·3	70·1	69·3	68·1	67·8	68·3	67·9	67·0	66·4	67·8	70·9	72·8	73·2	73·2	73·9	73·4	74·4	74·0	70·8
	8	74·3	74·6	74·0	73·8	73·0	71·3	70·3	68·5	67·6	67·3	67·5	67·7	67·3	67·0	67·0	68·1	71·2	72·8	74·0	72·3	73·0	73·8	74·4	74·0	71·0
	9	73·8	73·2	72·7	70·7	70·1	68·3	68·1	66·6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	10	—	—	—	—	—	—	—	—	65·4	64·6	64·6	64·6	64·2	64·6	64·6	67·3	69·5	70·3	69·8	70·3	71·8	71·8	72·0	71·9	68·8
	11	71·2	70·7	70·4	70·3	70·3	68·0	67·0	66·4	66·0	64·9	63·9	63·6	63·4	63·4	63·4	65·7	69·3	69·5	68·5	69·5	70·5	70·8	70·9	70·2	67·8
	12	70·2	69·7	70·0	69·1	68·2	67·8	67·3	66·6	65·8	65·4	64·9	64·4	64·2	64·0	64·4	66·6	68·8	68·5	69·3	70·3	70·9	70·9	71·7	71·2	67·9
	13	70·7	69·9	70·3	69·9	68·3	66·6	66·4	66·1	65·4	65·4	64·9	66·0	66·6	66·0	66·9	68·1	69·0	68·3	68·3	68·8	69·6	71·0	70·2	70·0	68·0
	14	69·7	69·3	68·5	69·1	68·5	67·9	68·3	66·6	64·6	64·1	63·6	62·5	62·7	62·5	63·3	66·2	68·3	68·3	69·5	69·8	70·3	70·8	71·7	70·7	67·4
	15	70·0	69·7	69·2	68·3	67·3	66·6	65·9	65·4	64·4	63·4	63·3	63·0	62·7	62·0	62·2	64·9	67·3	68·2	69·3	70·1	71·0	72·1	71·7	71·8	67·1
	16	71·6	70·9	70·5	69·5	69·0	68·3	67·5	66·9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	17	—	—	—	—	—	—	—	—	68·1	67·3	67·3	66·4	66·4	66·4	66·6	69·3	72·3	73·4	74·6	75·8	76·2	75·4	76·6	76·4	70·5
	18	76·5	75·2	74·8	74·4	73·8	74·0	73·9	73·2	73·2	73·2	71·3	70·5	69·3	68·3	68·3	71·6	73·2	75·2	75·4	76·0	76·2	76·4	76·9	76·4	73·6
	19	75·9	76·0	75·0	74·8	74·6	74·7	74·4	74·4	73·4	73·2	73·0	72·3	72·3	71·3	69·3	70·3	71·5	73·2	75·4	76·0	74·2	74·2	75·0	74·5	73·7
	20	75·6	75·5	75·4	75·3	75·3	75·7	75·7	75·4	74·9	74·2	74·2	73·4	73·2	72·5	72·3	73·6	74·2	76·0	77·9	79·4	78·4	79·1	80·0	80·1	75·7
	21	77·1	77·1	76·6	75·8	75·4	75·4	75·6	75·0	74·2	73·4	73·2	73·8	74·1	73·6	72·7	73·9	76·2	76·0	78·2	77·4	77·8	75·6	75·4	77·9	75·5
	22	78·1	76·7	76·2	75·6	75·4	75·8	76·0	75·4	74·2	74·2	73·4	71·3	70·8	70·2	70·1	71·3	73·5	73·7	74·7	76·8	75·8	76·2	78·2	77·1	74·6
	23	75·2	73·6	72·5	71·9	71·9	72·3	73·2	73·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	24	—	—	—	—	—	—	—	—	69·5	68·7	67·8	67·3	66·6	67·3	67·3	68·0	69·3	73·2	73·4	73·2	72·3	72·1	73·2	72·3	71·0
	25	72·7	73·0	72·3	71·6	71·5	70·1	68·3	67·5	67·3	67·3	66·9	66·4	65·4	65·4	64·6	66·6	71·8	72·8	73·2	72·9	74·0	75·2	75·8	75·6	70·3
	26	74·2	74·5	74·9	74·4	74·3	73·7	72·3	71·6	70·8	69·7	69·7	69·1	68·1	68·3	67·8	69·0	71·1	74·2	73·4	73·2	73·6	75·2	74·7	73·5	72·1
	27	75·6	74·6	75·3	75·4	75·3	74·7	74·7	73·4	72·5	71·8	71·3	70·7	70·3	69·5	69·3	72·5	74·9	76·0	75·2	76·0	76·2	76·2	77·5	77·6	74·0
	28	77·3	76·9	76·4	77·0	77·0	76·2	75·7	75·2	75·2	73·4	74·0	73·2	72·5	71·8	71·6	73·4	75·7	77·2	78·2	78·8	78·9	79·0	79·2	78·6	75·9
	Means	73·3	72·9	72·6	72·1	71·6	71·0	70·5	69·8	69·1	68·6	68·0	67·5	67·2	66·8	66·8	68·8	71·1	72·2	72·8	73·4	73·6	73·7	74·0	73·8	70·9

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR

HUMIDITY OF THE AIR—JANUARY 1861

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·68	0·71	0·73	0·73	0·72	0·73	0·73	0·76	0·86	0·90*	0·89	0·86*	0·76	0·88	0·88	0·86	0·82	0·68	0·65	0·63	0·62	0·64	0·67	0·66	0·752
2	·70	·69	·69	·70	·69	·68	·71	·71	·68	·70	·70	·70	·80	·88	·89	·84	·69	·64	·61	·60	·60	·62	·59	·58	·695
3	·58	·60	·67	·65	·66	·65	·64	·67	·65	·68	·80	·85	·86	·89	·88	·81	·67	·62	·61	·61	·61	·63	·60	·61	·687
4	·64	·67	·68	·72	·71	·72	·70	·72	·66	·80	·84	·89	·90	·90	·90	·85	·70	·67	·65	·65	·63	·63	·62	·65	·729
5	·65	·79	·80	·80	·74	·76	·75	·74	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	·83	·85	·91	·88	·91	·93	·93	·88	·79	·72	·70	·68	·67	·70	·70	·67	·782
7	·69	·74	·78	·78	·79	·79	·82	·82	·86	·88	·90	·91	·91	·92	·90	·86	·83	·77	·72	·65	·69	·70	·70	·68	·795
8	·70	·73	·78	·80	·81	·83	·84	·89	·88	·91	·91	·91	·94	·92	·91	·91	·77	·74	·73	·72	·67	·69	·69	·72	·808
9	·75	·76	·80	·83	·83	·87	·90	·93	·90	·93	·93	·93	·94	·94	·92	·91	·78	·72	·73	·70	·70	·68	·70	·74	·826
10	·74	·79	·79	·83	·84	·83	·88	·91	·91	·91	·92	·90	·91	·91	·91	·85	·78	·74	·71	·72	·69	·68	·70	·71	·815
11	·76	·79	·80	·83	·85	·83	·86	·86	·85	·85	·90	·91	·93	·87	·85	·83	·73	·74	·74	·71	·69	·69	·68	·74	·804
12	·77	·82	·79	·78	·78	·80	·82	·83	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	·83	·84	·84	·85	·85	·83	·83	·75	·71	·69	·70	·69	·68	·67	·74	·72	·775
14	·73	·77	·82	·83	·83	·79	·80	·78	·82	·86	·82	·82	·81	·84	·83	·79	·66	·70	·69	·69	·69	·63	·67	·69	·765
15	·71	·78	·75	·79	·79	·79	·79	·81	·82	·83	·85	·80	·81	·89	·92	·85	·76	·71	·72	·74	·68	·70	·69	·69	·778
16	·73	·77	·79	·81	·79	·80	·85	·84	·89	·91	·91	·89	·90	·93	·93	·88	·80	·75	·69	·66	·63	·61	·65	·69	·796
17	·75	·77	·81	·81	·79	·82	·84	·89	·91	·93	·95	·97	·94	·95	·95	·86	·75	·71	·70	·70	·69	·68	·67	·69	·814
18	·72	·77	·81	·83	·85	·88	·89	·93	·91	·91	·91	·94	·93	·90	·94	·88	·79	·71	·68	·70	·67	·67	·67	·67	·815
19	·73	·79	·82	·84	·88	·91	·91	1·00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	·87	·90	·93	·95	·96	·95	·92	·89	·79	·67	·66	·68	·70	·69	·72	·76	·830
21	·76	·81	·81	·83	·82	·83	·85	0·87	·90	·92	·93	·93	·93	·93	·94	·89	·82	·73	·74	·75	·69	·70	·71	·73	·826
22	·75	·82	·81	·83	·84	·85	·87	·88	·85	·84	·86	·90	·90	·91	·93	·91	·81	·74	·68	·68	·68	·69	·71	·72	·811
23	·75	·81	·83	·83	·83	·85	·87	·90	·89	·91	·92	·92	·94	·96	·94	·91	·83	·71	·68	·70	·70	·70	·70	·69	·824
24	·76	·76	·75	·78	·77	·80	·80	·79	·83	·85	·87	·89	·91	·93	·91	·87	·77	·70	·68	·65	·66	·67	·67	·68	·781
25	·71	·71	·74	·75	·78	·81	·82	·82	·81	·85	·89	·90	·90	·91	·91	·85	·76	·70	·65	·68	·68	·71	·71	·71	·782
26	·73	·75	·77	·77	·77	·80	·79	·82	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	·82	·89	·91	·90	·91	·91	·93	·85	·74	·70	·72	·68	·66	·63	·65	·68	·782
28	·70	·73	·79	·82	·83	·89	·92	·90	·91	·92	·92	·94	·92	·94	·94	·90	·82	·72	·60	·59	·55	·55	·53	·57	·787
29	·62	·72	·75	·77	·80	·81	·83	·83	·87	·90	·87	·91	·91	·92	·91	·86	·78	·71	·57	·57	·59	·60	·62	·63	·765
30	·61	·67	·69	·70	·71	·75	·74	·79	·78	·82	·78	·86	·86	·87	·91	·82	·77	·69	·67	·58	·57	·59	·62	·62	·728
31	·66	·68	·70	·75	·76	·75	·77	·75	·73	·78	·82	·86	·88	·88	·88	·79	·72	·65	·70	·66	·63	·63	·63	·63	·737
Means	0·707	·748	·769	·785	·787	·801	·815	·831	·834	·862	·877	·888	·893	·907	·907	·857	·764	·705	·681	·669	·656	·659	·667	·679	0·781

TENSION OF VAPOUR—JANUARY 1861

	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.*	In.	In.*	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·620	0·632	0·637	0·633	0·616	0·617	0·617	0·632	0·643	0·645	0·639	0·616	0·602	0·641	0·628	0·657	0·668	0·638	0·634	0·639	0·610	0·631	0·652	0·638	0·633
2	·645	·614	·603	·599	·591	·585	·597	·597	·580	·592	·586	·592	·606	·618	·620	·641	·604	·610	·599	·588	·595	·624	·594	·565	·602
3	·548	·549	·593	·571	·572	·567	·547	·568	·554	·570	·610	·586	·575	·579	·576	·592	·568	·574	·589	·598	·598	·611	·579	·581	·577
4	·583	·580	·583	·611	·612	·601	·593	·601	·557	·614	·590	·614	·604	·593	·586	·610	·624	·630	·637	·633	·614	·622	·615	·609	·605
5	·593	·694	·685	·685	·624	·636	·618	·610	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	·656	·651	·655	·646	·646	·626	·622	·655	·674	·666	·669	·668	·657	·693	·665	·647	·652
7	·646	·666	·679	·673	·674	·678	·681	·682	·653	·642	·640	·648	·644	·632	·625	·654	·688	·733	·705	·682	·693	·700	·702	·674	·671
8	·668	·673	·700	·697	·705	·713	·716	·729	·681	·687	·686	·664	·682	·655	·644	·710	·713	·722	·719	·726	·719	·723	·725	·729	·699
9	·730	·705	·726	·739	·724	·723	·721	·715	·681	·681	·665	·647	·664	·647	·651	·705	·679	·684	·714	·720	·717	·713	·707	·733	·700
10	·722	·719	·704	·720	·724	·707	·714	·710	·687	·693	·698	·685	·687	·684	·687	·745	·725	·750	·724	·738	·744	·713	·728	·731	·714
11	·735	·751	·739	·738	·756	·738	·746	·747	·717	·717	·727	·732	·752	·743	·731	·760	·712	·734	·732	·736	·717	·710	·702	·732	·733
12	·757	·761	·722	·704	·700	·704	·727	·725	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	·739	·736	·729	·732	·731	·713	·713	·707	·686	·693	·713	·732	·734	·721	·749	·726	·723
14	·731	·736	·759	·764	·751	·714	·711	·687	·711	·741	·721	·720	·711	·735	·738	·727	·693	·721	·729	·735	·715	·669	·689	·699	·721
15	·704	·734	·691	·702	·690	·701	·702	·706	·709	·702	·698	·685	·687	·716	·709	·718	·740	·725	·742	·786	·745	·737	·704	·704	·714
16	·716	·721	·702	·707	·691	·685	·701	·691	·700	·693	·687	·650	·646	·658	·665	·676	·697	·717	·723	·703	·678	·662	·688	·712	·690
17	·741	·718	·729	·729	·707	·710	·715	·712	·708	·692	·698	·669	·657	·664	·675	·671	·666	·703	·718	·737	·723	·710	·700	·717	·703
18	·737	·731	·736	·738	·740	·721	·704	·702	·693	·689	·671	·673	·658	·637	·650	·674	·703	·690	·707	·739	·708	·705	·703	·699	·700
19	·714	·723	·731	·720	·708	·693	·671	·686	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	·724	·732	·746	·746	·741	·717	·696	·728	·723	·702	·747	·775	·790	·781	·806	·811	·734
21	·804	·807	·792	·794	·780	·794	·792	·798	·807	·813	·810	·794	·752	·745	·739	·777	·806	·804	·832	·839	·774	·805	·798	·806	·794
22	·793	·809	·782	·786	·790	·787	·799	·817	·778	·769	·769	·780	·757	·735	·755	·800	·794	·773	·781	·786	·780	·784	·792	·789	·783
23	·787	·797	·786	·760	·752	·766	·784	·805	·779	·763	·737	·737	·743	·741	·719	·761	·751	·723	·739	·782	·766	·769	·765	·751	·761
24	·782	·739	·719	·741	·726	·753	·753	·737	·738	·728	·725	·729	·723	·715	·710	·723	·712	·725	·740	·732	·719	·736	·740	·728	·732
25	·723	·725	·719	·717	·725	·752	·751	·751	·745	·743	·736	·727	·723	·710	·710	·736	·728	·728	·720	·751	·734	·769	·755	·751	·735
26	·756	·735	·730	·726	·720	·745	·727	·751	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	·710	·728	·710	·685	·670	·671	·682	·681	·706	·713	·762	·736	·710	·695	·701	·713	·715
28	·724	·710	·732	·739	·712	·712	·705	·679	·673	·668	·663	·673	·653	·651	·653	·685	·726	·705	·652	·658	·634	·628	·611	·650	·679
29	·667	·709	·718	·728	·739	·749	·746	·738	·749	·742	·680	·665	·649	·645	·631	·682	·688	·703	·617	·626	·658	·660	·678	·674	·689
30	·642	·660	·654	·647	·650	·663	·652	·678	·665	·671	·630	·639	·633	·618	·642	·653	·671	·693	·698	·644	·638	·656	·681	·661	·656
31	·682	·665	·658	·664	·675	·666	·684	·675	·643	·653	·642	·653	·636	·627	·628	·630	·657	·682	·732	·704	·693	·700	·682	·678	·667
Means	0·702	·706	·704	·705	·698	·699	·699	·701	·692	·695	·687	·681	·675	·671	·670	·695	·696	·702	·706	·711	·699	·701	·700	·700	0·696

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR

HUMIDITY OF THE AIR—FEBRUARY 1861

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·63	0·67	0·70	0·71	0·71	0·75	0·75	0·75	0·76	*0·78	0·74	*0·84	0·85	0·88	0·88	0·85	0·69	0·57	0·57	0·55	0·54	0·57	0·57	0·57	0·703
2	·59	·64	·62	·65	·63	·63	·64	·70	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	·87	·87	·90	·89	·90	·90	·92	·85	·76	·72	·63	·60	·61	·53	·54	·64	·718
4	·68	·74	·77	·77	·81	·85	·90	·90	·92	·91	·88	·86	·87	·87	·90	·87	·75	·69	·61	·58	·59	·62	·60	·62	·773
5	·65	·73	·82	·86	·89	·86	·86	·90	·86	·90	·90	·89	·93	·92	·91	·87	·85	·73	·62	·58	·59	·57	·58	·57	·785
6	·64	·74	·83	·87	·90	·91	·91	·90	·92	·93	·94	·93	·92	·90	·92	·86	·83	·74	·62	·60	·59	·56	·50	·49	·790
7	·56	·66	·79	·88	·89	·93	·91	·93	·91	·92	·92	·94	·94	·95	·94	·93	·86	·77	·69	·60	·59	·57	·63	·64	·806
8	·70	·81	·83	·86	·87	·90	·91	·90	·91	·93	·93	·96	·94	·96	·96	·94	·90	·77	·67	·61	·61	·64	·66	·69	·827
9	·72	·77	·81	·83	·89	·86	·91	·89	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	·84	·86	·87	·88	·88	·91	·90	·86	·75	·68	·57	·57	·55	·55	·60	·60	·773
11	·61	·66	·72	·78	·83	·82	·84	·86	·88	·88	·89	·90	·90	·91	·90	·86	·74	·64	·56	·56	·57	·57	·57	·57	·751
12	·59	·63	·71	·72	·77	·79	·81	·83	·85	·86	·88	·86	·88	·93	·88	·83	·73	·62	·58	·58	·60	·60	·62	·61	·740
13	·63	·66	·75	·89	·88	·85	·85	·86	·86	·84	·79	·84	·85	·81	·84	·78	·68	·60	·57	·55	·55	·57	·56	·56	·734
14	·59	·63	·67	·71	·72	·71	·74	·81	·82	·84	·82	·85	·90	·85	·89	·83	·71	·63	·62	·58	·59	·59	·62	·62	·722
15	·63	·68	·73	·78	·77	·84	·87	·90	·90	·90	·93	·93	·92	·93	·93	·86	·78	·65	·59	·58	·59	·61	·59	·60	·770
16	·65	·69	·80	·81	·85	·91	·92	·93	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	—	·95	·94	·95	·94	·94	·96	·96	·91	·86	·74	·75	·73	·73	·71	·75	·77	·840
18	·79	·81	·85	·87	·85	·86	·86	·85	·87	·94	·93	·96	·94	·95	·96	·89	·78	·76	·76	·75	·75	·77	·79	·78	·847
19	·81	·84	·85	·85	·87	·89	·88	·90	·88	·89	·90	·87	·89	·95	·95	·86	·69	·68	·73	·73	·64	·67	·68	·71	·817
20	·79	·82	·82	·84	·84	·87	·88	·88	·89	·89	·91	·88	·91	·90	·91	·85	·72	·73	·75	·79	·77	·78	·84	·86	·838
21	·81	·86	·87	·86	·85	·87	·88	·87	·87	·83	·86	·88	·90	·94	·95	·89	·82	·77	·78	·77	·76	·68	·68	·79	·835
22	·84	·84	·86	·87	·87	·90	·91	·91	·90	·91	·96	·95	·96	·95	·95	·87	·80	·70	·72	·75	·72	·72	·82	·82	·854
23	·75	·75	·75	·73	·74	·77	·85	·90	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	·95	·96	·96	·95	·95	·96	·95	·80	·65	·70	·66	·66	·59	·58	·63	·62	·784
25	·68	·73	·76	·77	·80	·86	·85	·86	·86	·88	·88	·89	·89	·90	·88	·80	·79	·72	·63	·58	·59	·66	·74	·74	·781
26	·71	·78	·84	·84	·85	·83	·87	·92	·90	·90	·91	·93	·93	·93	·92	·73	·64	·67	·57	·55	·58	·61	·63	·61	·777
27	·75	·77	·83	·87	·87	·85	·89	·90	·91	·93	·91	·94	·94	·93	·90	·88	·82	·76	·63	·62	·66	·67	·72	·74	·820
28	·78	·80	·84	·90	·91	·88	·88	·89	·90	·87	·96	·98	·96	·95	·94	·84	·74	·70	·72	·72	·70	·70	·74	·73	·835
Means	0·691	·738	·784	·813	·827	·841	·857	·872	·882	·890	·897	·906	·912	·918	·918	·855	·764	·697	·650	·633	·627	·629	·652	665	0·788

TENSION OF VAPOUR—FEBRUARY 1861

	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·646	0·647	0·653	0·650	0·652	0·667	0·667	0·656	0·670	*0·679	0·631	*0·632	0·603	0·605	0·607	0·652	0·618	0·584	0·584	0·579	0·570	0·605	0·597	0·590	0·627
2	·583	·606	·559	·578	·550	·546	·551	·586	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	·671	·644	·624	·580	·587	·583	·591	·610	·643	·680	·673	·660	·668	·585	·587	·678	·609
4	·698	·719	·712	·693	·675	·669	·659	·624	·615	·609	·576	·565	·554	·557	·582	·619	·644	·658	·634	·653	·658	·691	·669	·686	·642
5	·687	·709	·733	·697	·695	·659	·631	·624	·571	·593	·582	·577	·598	·592	·582	·619	·689	·686	·666	·663	·679	·653	·670	·654	·646
6	·690	·729	·756	·753	·750	·734	·691	·662	·645	·643	·625	·614	·598	·582	·608	·655	·688	·692	·671	·708	·711	·684	·616	·575	·670
7	·621	·669	·727	·760	·734	·740	·712	·711	·687	·663	·656	·673	·665	·648	·633	·658	·713	·734	·715	·684	·699	·676	·725	·720	·693
8	·748	·789	·783	·786	·767	·732	·710	·668	·649	·647	654	·666	·651	·651	·651	·669	·730	·730	·728	·667	·680	·713	·736	·737	·706
9	·742	·744	·742	·699	·701	·655	·660	·625	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	·585	·574	·577	·580	·574	·588	·587	·631	·648	·644	·591	·605	·633	·633	·655	·654	·639
11	·642	·646	·660	·675	·688	·637	·621	·612	·608	·587	·569	·568	·563	·565	·563	·599	·641	·615	558	·583	·606	·613	·616	·604	·610
12	·613	·617	·648	·632	·627	·622	·619	·609	·597	·591	·587	·572	·574	·582	·576	·607	·627	·582	·585	·609	·628	·630	·655	·640	·610
13	·636	·625	·666	·698	·658	·613	·609	·606	·591	·585	·564	·600	·613	·591	·617	·627	·617	·572	·560	·563	·581	·620	·598	·594	·608
14	·601	·605	·602	·627	·617	·600	·621	·603	·566	·562	·546	·534	·550	·535	·558	·600	·609	·585	·605	·599	·611	·624	·656	·631	·594
15	·620	·630	·637	·631	·606	611	·605	·603	·582	·563	·568	·562	·555	·543	·547	·581	·608	·589	·591	·604	·628	·663	·645	·649	·601
16	·664	·661	·686	·667	·668	·664	·649	·641	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	—	·671	·651	·653	·632	·633	·637	·641	·688	·747	·737	·773	·798	·810	·779	·826	·826	·700
18	·838	·807	·809	·803	·782	·791	·789	·765	·771	·793	·740	·729	·697	·677	·678	·739	·747	·791	·798	·812	·817	·827	·847	·829	·778
19	·825	·838	·814	·811	·809	·816	·806	·812	·781	·776	·775	·750	·753	·746	·698	·697	·676	·712	·785	·803	·725	·734	·760	·755	·769
20	·811	·821	·818	·819	·819	·840	·843	·834	·825	803	·809	·781	·782	·763	·759	·776	·753	·802	·861	·923	·884	·910	·957	·965	·832
21	·859	·873	·865	·839	·824	·830	·840	·819	·798	·767	·769	·791	·804	·801	·783	·798	·837	·817	·882	·856	·865	·773	·768	·879	·822
22	·898	·857	·852	·838	·832	·850	·860	·841	·808	·810	·801	·748	·736	·720	·719	·725	·760	·732	·766	·832	·795	·806	·897	·864	·806
23	·788	·746	·720	·700	·702	·723	·765	·775	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	·703	·688	·667	·653	·638	·656	·653	·632	·614	·721	·712	·704	·657	·653	·694	·672	·693
25	·702	·726	·719	·702	·709	·692	·651	·637	·631	·637	·628	·622	·599	·603	·579	·599	·714	·717	·695	·668	·700	·758	·803	·795	·679
26	·751	·778	·809	·795	·794	·775	·750	·745	·721	·695	·698	·688	·665	·672	·656	·633	·648	·737	·678	·665	·687	·736	·734	·694	·717
27	·800	·779	·817	·830	·830	·808	·816	·787	·766	·752	·736	·730	·719	·697	·685	·756	·803	·814	·748	·764	·784	·786	·845	·852	·779
28	·855	·853	·848	·882	·886	·856	·842	·833	·834	·776	·817	·802	·780	·760	·751	·769	·796	·827	·864	·877	·876	·878	·899	·876	·835
Means	0·722	·728	·735	·732	·724	·714	·707	·695	·681	·670	·660	·652	·645	·640	·638	·664	·690	·698	·697	·703	·706	·710	·727	·726	0·694

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

DIRECTION AND FORCE OF THE WIND

DIRECTION OF THE WIND—JANUARY 1861

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction
Madras Mean Time	h.m. 4.41	h.m. 5.41	h.m. 6.41	h.m. 7.41	h.m. 8.41	h.m. 9.41	h.m. 10.41	h.m. 11.41	h.m. 12.41	h.m. 13.41	h.m. 14.41	h.m. 15.41	h.m. 16.41	h.m. 17.41	h.m. 18.41	h.m. 19.41	h.m. 20.41	h.m. 21.41	h.m. 22.41	h.m. 23.41	h.m. 0.41	h.m. 1.41	h.m. 2.41	h.m. 3.41		
	parts	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	o	
1	7	7	7	7	6	6	6	6	6	6	6	6	6	6	4	4	4	5	6	6	6	6	6	6	66	E N E
2	5	5	6	6	5	5	5	6	6	6	6	6	6	3	3	2	6	7	8	9	8	8	8	7	67	E N E
3	7	8	8	8	7	7	7	7	7	8	8	8	8	5	5	0	3	5	6	7	6	6	5	5	71	E N E
4	5	5	5	5	5	6	6	6	7	7	7	5	5	5	5	4	6	7	5	5	8	5	5	4	62	E N E
5	4	4	4	4	4	5	5	5	5	5	5	5	5	5	4	4	4	5	7	5	7	5	5	5	54	NE by E
6	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	8	10	7	8	7	7	6	69	E N E
7	6	8	8	8	8	8	8	8	8	8	8	4	4	4	4	31	31	1	2	9	6	5	5	8	64	E N E
8	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	4	4	10	10	8	8	12	6	8	75	E by N
9	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	7	7	8	7	6	6	6	5	5	83	E by N
10	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	7	8	9	5	10	6	7	7	73	E N E
11	8	8	8	8	8	8	8	8	8	8	7	7	7	7	7	7	7	7	8	8	7	7	7	6	84	E by N
12	8	8	8	8	8	8	8	8	8	8	7	7	7	7	7	7	7	8	5	5	6	5	5	6	79	E by N
13	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	7	7	6	5	5	6	5	5	5	71	E N E
14	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	5	6	5	4	4	5	5	56	NE by E
15	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4	3	6	8	7	7	7	6	6	7	61	NE by E
16	5	6	6	6	6	6	6	6	6	6	6	6	4	3	3	3	2	4	4	6	6	6	6	7	59	NE by E
17	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	9	3	2	8	8	8	8	69	E N E
18	8	8	8	8	8	8	8	8	8	8	7	7	7	7	7	7	7	10	10	10	10	11	12	12	96	E by S
19	12	12	12	12	12	12	12	12	12	12	12	7	7	7	7	5	4	1	14	13	13	12	10	10	113	E S E
20	9	10	10	10	10	12	12	12	12	12	12	12	12	12	12	13	13	12	12	12	9	9	7	8	124	S E by E
21	9	12	10	10	11	11	11	11	11	11	11	11	11	11	11	11	11	16	15	15	15	15	15	15	136	S E
22	15	15	15	15	16	15	15	16	16	16	16	18	18	18	18	18	18	20	20	16	15	15	16	16	186	S by W
23	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	22	25	24	5	12	10	9	10	175	S
24	11	10	9	10	10	11	11	11	11	11	11	11	11	11	11	11	6	8	9	12	8	8	8	7	111	E S E
25	7	7	7	7	7	7	7	7	7	7	4	4	4	4	4	4	4	2	4	6	5	5	5	4	60	NE by E
26	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	8	8	8	8	8	8	10	59	NE by E
27	11	8	9	9	9	9	9	9	9	9	9	5	5	5	5	5	1	3	5	6	7	7	6	6	78	E by N
28	6	6	6	6	6	6	6	31	31	30	30	30	30	30	28	27	25	24	4	5	5	5	6	6	17	N N E
29	6	9	8	8	8	9	11	12	12	12	12	17	18	18	18	20	26	18	13	15	13	11	10	8	131	S E
30	8	7	7	7	8	8	8	12	12	12	12	12	12	12	12	12	27	28	16	9	8	12	12	12	104	E by S
31	13	13	12	12	12	12	12	13	13	13	13	16	17	17	9	0	0	3	5	7	11	10	9	7	117	E S E
Hourly Means	o 86 E	o 88 E	o 87 E	o 87 E	o 87 E	o 90 E	o 90 E	o 91 E	o 91 E	o 91 E	o 89 E	o 87 E	o 87 E	o 85 E	o 80 EbN	o 71 ENE	o 58 NEbE	o 82 EbN	o 88 E	o 89 E	o 93 E	o 89 E	o 85 E	o 86 E	o 86	E
No. of Observations with the wind in each quarter: N W	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2	4	3	1	0	0	0	0	0	18	Obs. N W
S W	1	1	1	1	2	1	1	2	2	2	2	4	4	4	3	3	2	3	2	1	0	0	1	1	44	„ S W
S E	12	14	14	14	13	14	14	13	13	14	11	6	6	5	6	4	2	11	12	12	17	14	11	11	263	„ S E
N E	18	16	16	16	16	16	16	15	15	14	17	20	20	21	21	22	23	14	16	18	14	17	19	19	419	„ N E

FORCE OF THE WIND—JANUARY 1861

	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.
1	0·40	0·15	0·05	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·35	0·55	0·65	0·75	0·50	1·05	1·00	0·23
2	·50	·30	·25	·05	·10	·05	·05	·05	·05	·10	·05	·00	·00	·00	·00	·00	·10	·05	·05	·05	·02	·05	0·05	0·02	·08
3	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·05	·02	·02	·02	·02	·00	·01
4	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·00	·00	·02	·02	·00	·00
5	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
6	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
7	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
8	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
9	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
11	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·00	·00	·00	·00	·00
12	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
13	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·75	·80	·95	·80	·75	·70	·70	·23
14	·72	·20	·05	·10	·15	·15	·05	·00	·00	·00	·02	·05	·00	·05	·05	·25	·45	·50	·65	1·05	1·25	1·20	1·05	·70	·36
15	·55	·35	·20	·25	·05	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·20	·75	1·05	0·80	0·45	0·30	0·35	·20	·24
16	·15	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·00	0·00	·00	·10	·05	·10	·15	·02
17	·10	·05	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·15	·15	·25	·40	·40	·15	·08
18	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·10	·25	·20	·05	·03
19	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
20	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·15	·15	·10	·20	·30	·04
21	·35	·15	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·20	·60	·80	·85	·70	·15
22	·50	·35	·15	·10	·10	·15	·10	·05	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·10	·35	·65	·70	·90	·18
23	·90	·35	·40	·15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·20	·35	·35	·30	·12
24	·30	·35	·05	·05	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·05	·02	·10	·15	·05
25	·15	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·15	·20	·25	·30	·25	·20	·07
26	·10	·05	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·05	·20	·20	·15	·20	·15	·05
27	·05	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
28	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·15	·05	·05	·01
29	·05	·40	·15	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·15	·25	·40	·06
30	·30	·10	·02	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02
31	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
Means	0·17	·10	·05	·03	·01	·01	·01	·00	·00	·00	·00	·00	·00	·00	·00	·01	·02	·09	·12	·15	·18	·20	·22	·20	0·07

The force is given in pounds and decimals of a pound on one square foot.
The entry ·00 denotes calms or pressures too small to overcome the inertia of the instrument.

DIRECTION AND FORCE OF THE WIND

DIRECTION OF THE WIND—FEBRUARY 1861

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction
Madras Mean Time	h.m. 4.41	h.m. 5.41	h.m. 6.41	h.m. 7.41	h.m. 8.41	h.m. 9.41	h.m. 10.41	h.m. 11.41	h.m. 12.41	h,m. 13.41	h.m. 14.41	h.m. 15.41	h.m. 16.41	h.m. 17.41	h.m. 18.41	h.m. 19.41	h.m. 20.41	h.m. 21.41	h.m. 22.41	h.m. 23.41	h.m. 0.41	h.m. 1.41	h m. 2.41	h.m. 3.41		
	parts	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	o	
1	10	8	8	8	8	8	8	8	8	8	9	9	9	6	5	4	4	8	8	9	8	8	9	8	87	E
2	6	6	6	6	7	8	8	8	1	1	1	1	1	1	1	31	31	3	5	7	7	9	10	7	51	NE by E
3	7	7	7	7	7	7	7	7	7	7	2	1	1	31	31	28	28	22	17	13	13	13	13	13	79	E by N
4	13	13	13	13	13	13	13	13	13	16	16	16	16	16	16	16	19	21	22	15	15	14	14	15	171	s by E
5	13	13	13	13	13	13	13	13	13	13	13	13	18	18	18	18	26	23	21	22	12	12	13	14	174	s by E
6	14	15	15	16	16	16	16	16	16	16	17	17	17	17	18	18	13	24	23	20	16	15	15	15	188	s by W
7	13	13	13	13	13	13	13	13	13	13	13	18	20	20	20	20	20	25	25	25	12	13	12	12	180	S
8	10	10	9	9	9	9	9	7	7	4	31	31	31	31	31	31	28	30	19	10	12	13	13	12	75	E by N
9	10	9	9	9	9	9	9	9	9	9	9	9	9	29	29	29	26	22	20	14	13	13	13	13	113	E S E
10	13	13	12	12	12	12	12	12	12	12	26	26	26	26	26	26	27	19	16	20	18	19	15	17	201	S S W
11	17	17	17	17	17	17	17	17	17	17	17	17	17	17	23	23	29	28	10	8	12	12	11	11	190	s by W
12	10	12	12	12	12	12	12	12	12	13	13	13	23	23	23	24	27	12	16	15	13	12	13	15	156	S S E
13	14	14	14	14	14	14	14	14	14	14	6	6	6	6	6	6	6	13	9	9	9	10	8	10	117	E S E
14	11	8	8	8	8	8	8	8	0	0	0	0	0	0	0	0	0	2	13	12	12	12	13	13	67	E N E
15	13	11	11	11	11	11	11	11	11	11	3	3	3	3	3	28	28	20	12	12	10	11	11	11	97	E by S
16	10	10	10	11	11	11	11	11	11	11	11	11	11	19	19	25	26	20	15	13	13	13	13	12	154	S S E
17	10	10	11	11	11	11	11	11	11	12	12	12	12	12	12	12	16	14	12	13	12	11	11	12	132	S E
18	12	10	9	9	8	8	9	9	9	8	8	8	8	8	8	4	4	8	9	8	9	8	8	8	92	E
19	9	9	8	8	8	9	9	10	10	11	12	12	12	12	4	4	8	4	4	5	5	5	5	5	88	E
20	5	5	5	7	7	5	5	5	4	4	4	4	3	3	3	3	5	8	7	7	7	5	5	5	57	NE by E
21	5	4	4	5	5	5	8	7	6	6	6	6	6	6	6	6	6	9	5	9	9	8	7	8	71	E N E
22	7	7	8	8	9	9	9	8	8	8	8	8	8	7	4	3	0	4	5	5	9	8	5	5	75	E by N
23	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4	5	4	5	4	4	4	5	4	53	NE by E
24	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	3	3	5	9	8	8	9	8	8	70	E N E
25	8	9	9	9	9	9	9	9	9	4	4	4	4	4	4	3	3	3	4	4	6	5	4	4	66	E N E
26	4	5	5	6	7	7	7	7	7	7	7	7	7	5	5	5	5	2	4	6	6	4	4	4	62	E N E
27	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	2	31	31	4	5	5	6	7	8	50	N E
28	7	6	6	6	7	7	7	7	7	7	2	2	2	2	2	2	5	15	15	14	14	14	14	14	86	E
Hourly Means	o 106 Ebs	o 104 Ebs	o 103 Ebs	o 106 Ebs	o 107 ESE	o 107 ESE	o 109 ESE	o 108 ESE	o 101 Ebs	o 100 Ebs	o 81 EbN	o 83 EbN	o 76 EbN	o 52 NEbE	o 35 NEbN	o 7 NbE	o 2 N	o 148 NE	o 121 SEbE	o 114 ESE	o 116 ESE	o 115 ESE	o 112 ESE	o 114 ESE	o 96	Ebs
No. of Observations with the wind in each quarter NW	0	0	0	0	0	0	0	0	0	0	2	2	2	4	4	8	11	5	1	1	0	0	0	0	40	Obs. N W
SW	1	1	1	2	2	2	2	2	2	3	3	4	6	7	7	5	3	7	8	3	2	1	0	1	75	„ S W
SE	17	17	18	17	17	18	19	17	15	13	10	9	7	3	2	1	2	8	10	16	19	21	20	20	316	„ S E
NE	10	10	9	9	9	8	7	9	11	12	13	13	13	14	15	14	12	8	9	8	7	6	8	7	241	„ N E

FORCE OF THE WIND—FEBRUARY 1861

	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.
1	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·30	0·35	0·60	0·65	0·40	0·25	0·20	0·11
2	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·10	·10	·15	·20	·03
3	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·10	·20	·15	·02
4	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·10	·20	·20	·35	·40	·10	·06
5	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·15	·10	·05	·05	·10	·15	·10	·03
6	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·05	·05	·00	·00	·01
7	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·00	·00
8	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·00	·00	·05	·10	·05	·05	·05	·01
9	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·15	·15	·20	·02
10	·30	·20	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·05	·05	·20	·25	·05
11	·15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·10	·15	·20	·35	·04
12	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·15	·05	·10	·05	·02
13	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·25	·25	·10	·05	·00	·03
14	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·05	·15	·20	·20	·15	·03
15	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
16	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·15	·05	·01
17	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·15	·05	·15	·10	·15	·10	·10	·04
18	·05	·05	·05	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01
19	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·35	·60	·85	1·10	1·55	1·50	2·05	·34
20	2·00	1·40	·35	·20	·10	·20	·05	·05	·00	·00	·00	·00	·00	·00	·00	·00	·15	·50	·55	·60	0·75	0·90	0·70	0·85	·39
21	0·65	0·50	·35	·20	·15	·20	·10	·15	·15	·05	·05	·00	·00	·00	·00	·00	·00	·05	·15	·20	·30	·90	1·05	·60	·24
22	·65	·60	·25	·10	·05	·05	·00	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·30	·60	·95	1·25	0·90	1·10	·29
23	·60	·35	·15	·10	·05	·00	·00	·00	.00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·35	·40	·40	0·35	·30	0·35	·15
24	·25	·07	·05	·00	·00	·00	·00	·00	.00	·00	·00	·00	·00	·00	·00	·00	·00	·20	·40	·40	·60	·55	·70	·70	·16
25	·35	·10	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·15	·30	·60	·70	·65	·45	·14
26	·40	·20	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·15	·30	·30	·25	·30	·09
27	·10	·05	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·30	·35	·25	·05	
28	·15	·10	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·15	·40	·45	·40	·85	·11
Means	0·22	·13	·05	·02	·01	·02	·01	·01	·01	·00	·00	·00	·00	·00	·00	·00	·01	·07	·12	·19	·27	·33	·33	·34	0·09

The force is given in pounds and decimals of a pound on one square foot.
The entry ·00 denotes calms or pressures too small to overcome the inertia of the instrument.

REMARKS ON THE WEATHER FOR THE MONTH OF JANUARY, 1861

Date	Göttingen Mean Time NOON	Cloudy sky in 8ths	2	Cloudy sky in 8ths	4	Cloudy sky in 8ths	6	Cloudy sky in 8ths	8	Cloudy sky in 8ths	10	Cloudy sky in 8ths
1	cu, cr-cu, hz ...	5	cu, cr-cu, cr ...	3	cu, cu-st	3	cu, hz	2	cu, cr-cu, cr-hz ...	4	cu, cr-cu, cr-hz ...	5
2	cu, cr-cu, cr-hz ...	6	cu, cr-cu, cr-hz ...	6	cu, cr-cu, cr-hz ...	4	cu, cr-cu, cr-hz ...	3	cu, cr-cu, hz ...	5	cu, cr-hz	4
3	cu, cr-st, hz ...	2	cu, cr-st, hz ...	3	cu, cr-st, hz ...	3	cu, cr-st, hz ...	3	cu, cr-hz	3	cu, cr-hz	3
4	cu, cr-st, hz ...	3	cu, cu-st	2	fl-cu	2	cu, hz	3	cu, cr-hz	2	cu, cr, D	2
5	cu, cr-st, hz ...	2	cu, cr-st, hz ...	2	cu, cr-st, hz ...	2	sc-cu, hz	1	... ...	...	... ...	...
6	... ...	...	... ...	...	... ...	...	... ...	...	cu, hz, D	2	sc-cu, D	2
7	cu, cu-st	3	ny-clear	0	ny-clear	0	cu	2	cu, hz	2	ny-clear	0
8	cu, cr-st, hz ...	2	cu, cr-st, hz ...	2	sc-cu	3	sc-cu	3	cu, hz	2	cu, hz	3
9	sc-cu, hz	4	ny-clear	0	clear	0	clear	0	cu, cr, cr-hz ...	3	cu, cr, cr-hz, D ..	2
10	cu, cr-st, hz ...	5	cu, cr-st, hz ...	3	fl-cu, hz	3	fl-cu, hz	3	ny-cvt	7	cu, cr, cr-hz ...	6
11	cu, cu-st	4	cu, cu-st	4	cu, cu-st	3	cu, cu-st	3	cu, cu-st, cr-hz ...	6	cu, hz	2
12	cu, cu-st, hz ...	4	cu, cu-st	3	cu, cr-hz	3	cu, cr-hz	5	... ...	...	... ...	...
13	... ...	...	... ...	...	... ...	...	... ...	...	cu, cu-st, cr-hz, nim	4	cu, cu-st, cr-hz ...	3
14	fl-cu	3	cu-hor	1	cu, cu-st	3	cu, cu-st	2	ny-clear	0	cu-hor	1
15	cu, cr-st, hz ...	4	cu, cr-st, hz ...	4	cu, cr-st, hz ...	5	cu, cu-st, hz ...	3	cu, cu-st, hz ...	3	cu, cu-st, hz ...	2
16	cu, cr-st, hz ...	3	cu, cr-st, hz ...	3	fl-cu	4	cu, cr-hz	2	cu, cr-st, hz ...	3	cu, cr-st, hz ...	3
17	cr-st, hz	1	cr-st, hz	1	ny-clear	0	cu, hz	2	cu, cr-hz	2	cu, cr-hz	2
18	cu, cr-st, hz ...	3	fl-cu, cr-st, hz ...	2	fl-cu, cr-st, hz ...	2	cu, hz	2	cu, cr-st, cr-hz, D...	3	cu, cr-st, cr-hz, D ...	2
19	cu, cr-st, hz ...	2	cu, cr-st, hz ...	2	cu, cr-st, hz ...	2	clear, D	0	... ...	...	... ...	...
20	... ...	...	... ...	...	... ...	...	... ...	...	cu, cu-st, cr-hz ...	4	cu, cu-st, cr-hz, D...	3
21	cr, cr-st	1	ny-clear	0	cu, cu-st, hz ...	4	cu, cu-st, hz ...	4	cu, cu-st, cr-hz ...	3	cu, cu-st	3
22	sc-cu	1	sc-cu, hz	1	sc-cu, hz	1	sc-cu	2	cu, cu-st, cr-hz ...	4	cu, cu-st, cr-hz ...	5
23	cr, cr-st	1	cr-st, cr-hz	1	ny-clear	0	cu-hor	1	clear	0	cu, cr-hz	3
24	clear	0	cu, cr-st	4	cu, cu-st, cr-cu ...	7	cr-cu, cr-hz ...	7	cu, cr-cu, cr-hz ...	3	cu, cr-cu, cr-hz ...	3
25	sc-cu, cr-st	1	ny-clear	0	ny-clear	0	sc-cu	1	fl-cu, hz	4	cu, cu-st	3
26	sc-cu	2	cu, cu-st, hz ...	1	cu, cu-st, hz ...	2	fl-cu	2	... ...	...	... ...	...
27	... ...	...	... ...	...	... ...	...	... ...	...	cu, cr-st, hz ...	3	cu, cr-st, hz ...	3
28	cu, cr-st, hz ...	2	cu, cr-st, hz ...	2	cu, cr-st, hz ...	2	cu, hz	2	ny-clear	0	clear, D	0
29	cu, cr-st, hz ...	2	cr, cr-st, hz ...	2	cu, cr-st, hz ...	2	cr, cr-st, cr-hz ...	3	clear	0	clear	0
30	cr, cr-st	1	cr, cr-st	1	cr, cr-st	1	sc-cu, hz	2	ny-clear	0	cu, hz	3
31	cu, cr-st, hz ...	3	cr, cr-st, hz ...	3	cu, hz	4	cu, cr-cu, cr-hz ...	5	cu, hz	3	cu, hz	2

REMARKS ON THE WEATHER FOR THE MONTH OF FEBRUARY, 1861

1	cu, cr-st, hz ...	3	cu, cr-st, hz ...	3	cu, cr-st, hz ...	3	cu-hor	1	cu, cr-hz	3	cu, cr-hz	1
2	cr, cr-st	1	cr, cr-st	1	cr, cr-st	1	ny-clear	0	... ...	...	... ...	...
3	... ...	...	... ...	...	... ...	...	... ...	...	clear	0	clear, D	0
4	cr-st, hz	2	cr-st, hz	1	clear	0	clear, D	0	clear, D	0	clear, D	0
5	cr, cr-st	2	cr, cr-st	1	clear	0	clear, D	0	clear, D	0	clear, D	0
6	clear	0	clear	0	clear	0	clear	0	clear, D	0	clear, D	0
7	clear	0	ny-clear	0	clear	0	clear	0	clear, D	0	clear, D	0
8	cu, cr-st, hz ...	3	cu, cr-st, hz ...	1	clear	0	clear	0	clear, D	0	cr, cr-hz, D... ..	3
9	lt-cu, cr-st, d-hz ...	4	cr-st, hz	1	clear	0	clear, D	0	... ...	...	... ...	...
10	... ...	...	... ...	...	... ...	...	... ...	...	clear, D	0	clear, D	0
11	cr, cr-st	2	cr-st, hz	1	ny-clear	0	clear	0	clear, D	0	clear, D	0
12	cr, cr-st, hz ...	1	cr-st, hz	1	ny-clear	0	clear	0	clear, D	0	clear, D	0
13	cu, cr-st, hz ...	1	ny-clear	0	clear	0	clear	0	cu, cr, cr-hz ...	2	cu, cr, cr-hz ...	2
14	clear	0	clear	0	clear	0	clear	0	clear, D	0	clear, D	0
15	clear	0	clear	0	clear, D	0	clear, D	0	clear, D	0	clear, D	0
16	cr, cr-st	2	cr, cr-st	2	clear, ...	0	clear, D	0	... ...	...	... ...	...
17	... ...	...	... ...	...	... ...	...	... ...	...	clear, D	0	clear, D	0
18	clear	0	ny-clear	0	cu, hz	1	fl-cu	3	cu, cr-st, hz ...	3	cu, cr-st, hz ...	3
19	cu, cr	2	cu-hz	2	cu, hz	2	ny-clear	0	clear	0	clear	0
20	cr, cr-st	1	cu-hz	2	cu, cu-st, hz ...	5	cu, cu-st	3	cu, cr	3	cu, cr-hz	5
21	cu, cr-st, hz ...	3	cu-hz	2	cu, hz	2	cr, hz	1	cu, cu-st, hz ...	3	cu, cu-st, hz ...	3
22	cr, cr-st	2	cr, cr-st, hz ...	3	cr, cr-st, hz ...	2	cu, hz	6	cu, cr, cr-hz ...	2	cu, cr, cr-hz ...	3
23	cu, cr-st, hz ...	3	cu, cr-st, d-hz ...	2	cu, cu-st, hz ...	4	cr-hz, cr-st... ...	6	... ...	...	... ...	...
24	... ...	...	... ...	...	... ...	...	... ...	...	cr, cr-st, cr-hz ...	6	cr, cr-st, cr-hz ...	6
25	cr, cr-st	1	cr, cr-st	1	cr, cr-st	1	ny-clear	0	cr-hz, cr-st ...	3	cr-hz, cr-st, D ...	3
26	cr, cr-st, hz ...	5	cu, cr-st, hz ...	4	cu, cr-st, hz ...	5	cu, cr, d-cr-hz ...	6	d-cr-hz, cr-st ...	7	d-cr-hz, cr-st ...	6
27	cu, cr-st, hz ...	3	cu, cr-st, hz ...	3	cu, cr-st, hz ...	2	cu, cr-st, hz ...	3	cr-cu, cr-st... ...	3	cr, cr-hz	4
28	cr, cr-st	1	cr, cr-st	1	cr, cr-st	1	cu, cr-hz	2	cu, hz	2	cu, cu-st	3

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE

ard....around
cld....clouds or cloudy
cr or ci. cirri or cirro or cirrous
cu.....cumuli or cumulo
D.....dew
d.....dense
dis....distant
dt.....detached
E.....east
fg.....fog
fk.....forked
fl.....flying
fr.....frequent
g.....ground
hy....heavy
hl...halo
hor...horizon
hz...haze or hazy
ld...loud
lg....lightning
lt....light
mt...meteor
N ....north
nim..nimbi
ny...nearly
ov....overhead
ovt...overcast
ps....peals
pt.....part or partly or partial
R.....rain
r-b...rain-bow
S.....south
sc.....scattered
sh...sheet
st.....stratus
th....thunder
thi...thick
v.....very
viv...vivid
W....west

REMARKS ON THE WEATHER FOR THE MONTH OF JANUARY, 1861

Date	12	Cloudy sky in 8ths	14	Cloudy sky in 8ths	16	Cloudy sky in 8ths	18	Cloudy sky in 8ths	20	Cloudy sky in 8ths	22	Cloudy sky in 8ths	Thermometers: Radiation Sol.	Radiation Ter.	Air Max.	Air Min.
1	cu, cr, cr-st, cr-hz	6	cu, cr, cr-hz ...	5	ny-ovt.	8	cu, cr, cr-hz ...	7	cu, cr-hz	7	cu, cr-hz	7	105·7	—	80·7	69·1
2	fl-cu, cu-st, D...	4	cu, cu-st ...	3	fl-cu, cu-st ...	4	cu, cu-st	4	cu, cu-st]... ...	4	cu, cr-st, hz ...	2	100·9	—	80·7	68·4
3	cu, cr-hz, D ...	2	cr-cu, cr-hz ...	3	cu, cr-hz... ...	2	cu, cu-st, cr-hz ...	4	cu, cu-st, cr-hz ...	5	cu, cr-st, hz ...	4	104·5	—	79·5	66·5
4	cu, cr, D ...	2	cu, cr-hz ...	3	cu, cr-hz	4	cu, cu-st, cr-hz ...	5	cu, cu-st, cr-hz ...	3	cu, cr-st, hz ...	3	107·5	—	79·9	66·4
5	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	108·5	—	80·4	67·0
6	sc-cu, D ...	1	fl-cu, hz ...	3	ny-clear	0	cu, cu-st	2	cu, cu-st	3	cu, cu-st	3	106·8	—	79·9	67·1
7	clear	0	cu, cr-hz ...	3	cu, cr-hz	2	cu, cu-st	4	cu, cu-st	3	cu, cu-st	2	100·0	—	81·4	68·0
8	cu, hz	3	cu, cu-st, cr-hz.	3	cu, cu-st, cr-hz ...	5	cu, cu-st, cr-hz ...	6	cu, hz	3	cu, cu-st	5	108·6	—	82·6	68·9
9	clear	0	cu-hor, fg ...	1	cu-hor	2	cu, cu-st	6	cu, cu-st	6	cu, cu-st	6	113·5	—	81·6	68·0
10	cu, hz, D ..	3	cu, cu-st, hz, fg.	3	cu, cu-st, hz ...	3	cu, cu-st, cr-cu ...	6	cu, cu-st	5	cu, cu-st	4	109·0	—	82·3	70·6
11	cu, cr-cu, hz ...	4	cu, cr-cu, hz ...	3	cu, cu-st, cr-cu, hz ...	5	cu, cu-st	3	cu, cu-st	5	cu, cu-st	3	118·5	—	81·4	73·0
12	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	109·7	—	81·8	70·8
13	cu, cr-hz ...	3	cu, cu-st, cr-hz, nim ...	5	cu, cr-st, hz ...	3	fl-cu	3	fl-cu	2	fl-cu	3	110·5	—	82·8	75·1
14	cu-hor	2	cu, cr-hz ...	4	cu, cu-st, cr-hz ...	4	cu, cu-st, cr-hz ...	3	cu, cu-st, cr-hz ...	6	cu, cr-st, hz ...	4	119·8	—	82·5	75·2
15	fl-cu, cu-st ...	4	cu, cu-st, cr-hz.	5	cu, cu-st, cr-hz ...	4	cu, cu-st, cr-hz ...	5	cu, hz	5	cu, cr-st, hz ...	4	109·4	—	83·4	71·6
16	cu, cr-hz, D ...	3	cu, cr-hz, D ...	5	cu-hor	1	sc-cu	2	sc-cu	1	cu, cr-st, hz ...	1	113·4	—	82·7	69·2
17	cu, cr-hz, fg ...	2	cu, cu-st, cr-hz.	3	cu, cr-hz	3	fl-cu	3	fl-cu	1	cu, cr-st	1	107·9	—	81·7	68·4
18	cu,cr-st, cr-hz,D	3	cu, cr-st, cr-hz .	5	cu, cu-st, cr-hz ...	4	sc-cu	2	cu, cr-st, cr-hz ...	3	cu, cr-st, hz ...	2	107·5	—	82·1	68·2
19	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... .	...	120·2	—	82·2	67·6
20	cu, cu-st, cr-hz.	3	cu, cr-hz ...	3	cu, cr	2	fl-cu	3	dt-cu	1	cu, cr-st	1	104·5	—	84·3	71·0
21	cu-hz	2	cu, cu-st, cr-hz.	3	fl-cu	2	cu, cu-st, cr-hz ...	6	ny-clear	0	cu, cr-st	1	108·5	—	84·4	72·2
22	cu, cu-st, cr-hz.	3	cu, cu-st, cr-hz.	3	cu, cr-hz	3	fl-cu	3	fl-cu	1	sc-cu, cr-st ...	1	108·2	—	84·7	73·0
23	cu, cr-hz ...	2	cu, cr-hz ...	2	fl-cu, cu-st ...	3	fl-cu, cu-st ...	2	cu-hor	2	cu-hor	1	103·5	—	83·5	71·4
24	cu, cr-cu, cr-hz.	3	cu, cu-st, cr-hz.	3	cu, hz	2	fl-cu	2	fl-cu, hz	3	cu-hor	1	109·3	—	83·6	71·7
25	cu, cu-st ...	3	cu, cu-st ...	3	cu, cu-st	4	fl-cu	2	cu, hz	3	cu...	1	107·5	—	83·1	72·3
26	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	109·5	—	84·6	75·8
27	cu, cr-cu, hz ...	3	cr-st, hz ...	2	cu, cr-cu, cr-hz ...	6	cu, cr-hz... ...	2	cu, cr-hz	2	cu, cr-st, hz ...	3	108·1	—	83·3	70·0
28	clear, D ...	0	cr, cr-hz ...	2	cr, cr-hz	2	cr, cr-hz	2	cu-hor	2	cu, cr-st	2	113·1	—	85·0	68·4
29	clear, D ...	0	clear	0	clear	0	clear	0	cu-hor	2	cu-hor	1	104·5	—	83·7	68·1
30	clear, D ...	0	cu, cr-hz, D ...	3	cu, cr-hz... ...	3	cu, cu-st, cr-hz ...	3	cu, cr-st, hz ...	3	cu, cr-st, hz ...	3	109·7	—	83·7	68·8
31	cu, hz, D ...	3	cu, hz-hor ...	2	uy-clear	0	cu, cr, cr-hz ...	3	cu, cu-st, cr-hz ...	4	cu, cr-st, hz ...	3	104·7	—	83·4	69·2

REMARKS ON THE WEATHER FOR THE MONTH OF FEBRUARY, 1861

1	clear, D ...	0	cu, cr	4	cr, cr-st, ...	2	cu, cu-st, cr-hz ...	3	cu, cu-st, cr-hz ...	3	cr-st, hz	2	105·3	—	82·0	67·8
2	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	110·5	—	81·3	66·1
3	clear, D ...	0	cr, cr-hz ...	2	cr, cr-hz	3	cr, cr-hz	3	cr-st, hz	3	cr-st, hz	3	107·0	—	83·5	65·9
4	clear, D ...	0	cr, cr-hz ...	2	cr, cr-hz	3	lt-cr, cr-hz ..	3	lt-cr, cr-hz ...	2	lt-cr, cr-hz ...	2	105·0	—	83·9	65·4
5	clear, D ...	0	cr-st, hz, D ...	2	cr-st, hz	3	cr-st, hz	2	cr-st, hz	2	cr-st, hz	2	106·5	—	84·8	65·6
6	clear, D ...	0	cu, cu-st, hz ...	4	cu, cr-hz	2	clear	0	clear	0	clear	0	110·3	—	86·7	66·2
7	clear, D ...	0	cr-hz, cr-st, D...	3	cr, cr-st, hz ...	4	cr, cr-st, hz ...	5	cr-st, cr-hz ...	6	cr-st, cr-hz ...	5	111·5	—	85·8	67·3
8	cr-hz, fg ...	3	d-cr-hz, fg ...	6	cr-st, d-hz ...	6	cr-st, d-hz ...	5	cr-st, d-hz ...	6	cr-st, d-hz ...	6	114·7	—	84·0	67·5
9	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	112·0	—	84·0	66·3
10	clear, D ...	0	cr-hz, cr-cu ...	3	cr, cr-hz, cu ...	3	cr, cr-hz, cu ...	5	cr, cr-hz, cr-st ...	5	cu, cr-st, hz ...	2	107·4	—	84·4	65·9
11	clear, D ...	0	cr, cr-hz	2	cr, cr-hz	3	cr-st, cr-hz ...	4	cr-st, cr-hz ...	2	cr-st, hz	1	107·7	—	82·9	65·0
12	clear, D ...	0	clear	0	cr, cr-hz	2	ny-clear	0	cr, cr-hz	2	cu, cr-st, hz ...	1	107·8	—	81·9	65·1
13	cu, cu-st, cr-hz.	7	cu, cr-cu, cr-st..	8	cu, cr-cu, cr-st ...	6	cu, cu-st, hz ...	3	clear	0	clear	0	107·8	—	82·7	68·3
14	clear, D ...	0	cr, cr-st, cr-hz..	3	cr, cr-hz	1	clear	0	clear	0	clear	0	108·5	—	81·8	64·3
15	clear, D ...	0	cr, cr-st, cr-hz...	3	cr, cr-hz, cr-st ...	3	cr, cr-hz, cr-st ...	3	cr, cr-hz, cr-st ...	3	cr, cr-st	2	107·8	—	82·7	63·1
16	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	108·5	—	84·8	63·2
17	clear, D ...	0	cr-st	1	clear	0	sc-cu	1	clear	0	clear	0	106·5	—	83·3	67·0
18	cu, cr-st, hz ...	3	cu, cr	2	cu, cr	2	cu, cu-st, cr-hz ...	3	cu, hz	3	cu, hz	3	107·7	—	82·6	68·9
19	clear	0	cr-st, hz ...	1	cr, cr-st, hz ...	2	cr, cr-st, hz ...	2	cr, cr-st	1	cr, cr-st	1	108·5	—	83·9	70·1
20	cu, cr-hz ...	4	cu, cu-st, cr-hz.	4	fl-cu	6	cu, cu-st, cr-hz ...	6	cu, cr-hz	4	cu, cr-hz... ...	4	111·9	—	85·0	74·2
21	cu, hz, D ...	2	cu, hz, D ...	3	cu, hz	2	cr, cr-hz	1	cr, cr-st	2	cr...	2	109·7	—	84·5	73·4
22	cu, cr, cr-hz ...	3	cu, cr-hz ...	4	cu, cr-hz	3	cu, cr-hz ...	3	cu, cr-st, hz ...	2	fl-cu, cr, cr-st ...	2	106·2	—	83·5	70·7
23	... ...	...	... ...	...	... ...	...	.. ..	...	... ...	...	... ...	...	108·5	—	83·2	68·8
24	cr,cr-st,cr-hz,D.	6	cr-st, cr-hz ...	6	cr-cu, cr, cr-hz ...	5	cr-cu, cr, cr-hz ...	5	cr-cu, cr, cr-hz ...	4	cu, cr-st, hz ...	3	111·5	—	83·9	67·5
25	cr-hz, cr-st, D...	3	cr, cr-hz ...	2	cr-cu, cr-hz ...	3	cr-cu, cr-hz ...	2	cr-cu, cr-hz ...	3	cr-cu, cr-hz, cr-cu.	3	111·7	—	85·6	67·0
26	d-cr-hz, cr-st ...	6	cr-cu, cr-st, hz..	3	cr-cu, cr-hz ...	5	cr-cu, cr-hz ...	5	cr-cu, cr-hz ...	5	cu, cr-st, hz ...	4	112·5	—	86·3	69·4
27	cr-st, cr-hz ...	3	cr-cu, cr-st, hz...	3	cu, hz	1	cu, hz	2	cu, hz	2	cu, hz	1	113·7	—	86·6	70·9
28	cu	2	cu, hor... ...	2	cu, cr-hz... ...	4	cu, cr-hz ...	3	cu, cr-hz... ...	3	cu-hor	1	106·6	—	87·5	72·5

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE

ard...around
cld ...clouds or cloudy
cr or ci. cirri or cirro or cirrous
cu ...cumuli or cumulo
D ....dew
d .....dense
dis...distant
dt....detached
E.....east
fg....fog
fk....forked
fl .....flying
fr ....frequent
g.....ground
hy ..heavy
hl ....halo
hor ..horizon
hz ...haze or hazy
ld ....loud
lg.....lightning
lt .....light
mt...meteor
N ....north
nim..nimbi
ny ..nearly
ov....overhead
ovt...overcast
ps....peals
pt....part or partly or partial
R ....rain
r-b...rain-bow
S .....south
sc.....scattered
sh....sheet
st ....stratus
th....thunder
thi ...thick
v.....very
viv ...vivid
W. ...west

⋈ TABLES OF ⋈

MEAN ⁜ HOURLY ⁜ VARIATIONS

FROM THE

MONTHLY MEANS

FOR THE

BAROMETER AND DRY AND WET BULB THERMOMETERS

BAROMETRIC PRESSURE (Corrected to 32° Fahr.)

Mean Hourly Variations from the Monthly Means, 1856 to 1860.

Göttingen Mean Time.	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Monthly Means
Madras Mean Time.	4.41	5.41	6.41	7.41	8.41	9.41	10.41	11.41	12.41	13.41	14.41	15.41	16.41	17.41	18.41	19.41	20.41	21.41	22.41	23.41	0.41	1.41	2.41	3.41	
January 1856	−·042	−·031	−·014	+·007	+·022	+·028	+·023	+·011	−·001	−·013	−·029	−·032	−·025	−·008	+·012	+·041	+·063	+·063	+·050	+·023	−·009	−·036	−·051	−·055	30·062
57	·048	·036	·019	·004	·024	·030	·024	·013	·000	·013	·030	·031	·022	·008	·007	·032	·060	·065	·055	·033	+·002	·029	·040	·055	·010
58	·050	·030	·021	·003	·021	·028	·023	·014	+·003	·010	·026	·029	·022	·010	·008	·034	·058	·065	·056	·030	·000	·030	·050	·057	29·994
59	·044	·033	·015	·009	·026	·034	·027	·018	·001	·013	·030	·033	·026	·009	·008	·034	·055	·057	·048	·026	−·005	·035	·053	·054	30·000
60	·049	·035	·017	·005	·020	·032	·026	·016	·002	·015	·027	·033	·025	·010	·010	·037	·060	·066	·053	·029	+·001	·032	·050	·056	·011
61	·052	·030	·021	·003	·020	·030	·028	·018	·007	·008	·021	·027	·020	·006	·010	·038	·059	·064	·050	·028	−·002	·033	·057	·064	29·967
Means	−·047	−·035	−·018	+·005	+·022	+·030	+·025	+·015	+·002	−·012	−·027	−·031	−·023	−·008	+·009	+·036	+·059	+·063	+·052	+·028	−·002	−·033	−·052	−·057	30·007
February 1856	−·057	−·046	−·026	−·003	+·018	+·029	+·026	+·009	+·004	−·012	−·028	−·035	−·030	−·011	+·011	+·038	+·050	+·068	+·057	+·033	+·004	−·025	−·047	−·054	29·989
57	·055	·044	·025	−·001	·021	·032	·033	·024	·011	·006	·023	·033	·030	·015	·005	·031	·053	·065	·056	·035	·006	·026	·051	·063	·934
58	·049	·039	·022	+·002	·022	·030	·029	·020	·007	·008	·023	·029	·023	·007	·008	·030	·053	·062	·052	·027	−·003	·032	·052	·060	·997
59	·053	·044	·028	−·004	·018	·031	·030	·021	·006	·007	·020	·028	·023	·005	·011	·034	·055	·063	·053	·028	·001	·030	·054	·063	·995
60	·049	·040	·022	+·001	·020	·031	·025	·014	·003	·011	·025	·030	·024	·009	·010	·032	·055	·068	·055	·033	+·001	·027	·050	·056	·940
61	·062	·051	·031	−·009	·014	·028	·030	·020	·016	·013	·026	·031	·025	·006	·012	·036	·061	·071	·060	·037	·008	·021	·050	·062	·956
Means	−·054	−·044	−·026	−·002	+·019	+·030	+·029	+·018	+·008	−·010	−·024	−·031	−·026	−·009	+·010	+·034	+·056	+·066	+·056	+·032	+·003	−·027	−·051	−·060	29·968
March 1856	−·054	−·043	−·021	+·002	+·021	+·034	+·032	+·019	+·001	−·016	−·027	−·030	−·020	−·004	+·020	+·043	+·063	+·067	+·053	+·023	−·007	−·033	−·056	−·064	29·901
57	·059	·049	·028	−·006	·014	·028	·026	·017	·002	·010	·018	·022	·014	+·002	·022	·045	·063	·068	·057	·029	+·002	·027	·049	·061	·895
58	·059	·047	·029	·006	·015	·027	·027	·018	·005	·012	·024	·030	·023	−·006	·016	·041	·061	·067	·056	·032	·004	·023	·049	·061	·913
59	·061	·049	·031	·008	·015	·029	·027	·016	·000	·014	·022	·024	·014	+·003	·021	·046	·064	·069	·058	·033	·002	·030	·055	·065	·916
60	·059	·049	·032	·007	·015	·028	·031	·020	·000	·017	·028	·027	·019	−·004	·017	·044	·061	·070	·058	·034	·007	·022	·050	·061	·883
Means	−·058	−·047	−·028	−·005	+·016	+·029	+·029	+·018	+·002	−·014	−·024	−·027	−·018	−·002	+·019	+·044	+·062	+·068	+·056	+·030	+·002	−·027	−·052	−·062	29·902
April 1856	−·066	−·054	−·028	−·003	+·020	+·036	+·038	+·026	+·007	−·010	−·021	−·023	−·013	+·003	+·023	+·046	+·062	+·059	+·044	+·024	−·007	−·039	−·059	−·073	29·823
57	·065	·053	·032	·008	·013	·031	·031	·021	·003	·014	·025	·027	·018	·000	·020	·044	·063	·063	·050	·032	+·001	·027	·050	·062	·829
58	·070	·056	·033	·010	·015	·029	·034	·024	·007	·007	·016	·018	·009	·003	·023	·047	·062	·059	·047	·025	−·006	·034	·056	·071	·843
59	·058	·045	·024	·001	·021	·034	·034	·024	·008	·010	·022	·027	·020	−·005	·016	·042	·055	·056	·046	·026	·004	·031	·050	·063	·850
60	·068	·052	·032	·009	·011	·030	·032	·021	·005	·010	·019	·018	·007	+·009	·020	·048	·062	·060	·047	·027	·004	·035	·058	·070	·824
Means	−·065	−·052	−·030	−·006	+·016	+·032	+·034	+·023	+·006	−·010	−·021	−·023	−·013	+·002	+·022	+·045	+·061	+·059	+·047	+·027	−·004	−·033	−·055	−·068	29·834
May 1856	−·064	−·046	−·030	−·003	+·020	+·032	+·033	+·022	+·005	−·008	−·016	−·021	−·012	+·005	+·024	+·044	+·056	+·052	+·039	+·022	−·003	−·029	−·051	−·068	29·737
57	·066	·052	·031	·006	·017	·035	·037	·029	·013	·005	·018	·021	·011	·007	·029	·047	·054	·053	·037	·021	·006	·032	·056	·069	·728
58	·068	·050	·027	·005	·013	·028	·035	·024	·011	·004	·013	·015	·008	·006	·027	·044	·054	·055	·042	·019	·008	·033	·055	·068	·713
59	·062	·045	·026	·005	·015	·031	·034	·025	·012	·003	·014	·016	·007	·007	·026	·042	·052	·047	·034	·017	·009	·034	·060	·075	·763
60	·067	·054	·032	·009	·012	·026	·031	·022	·010	·005	·014	·013	·006	·011	·030	·047	·057	·055	·040	·020	·005	·030	·054	·069	·707
Means	−·065	−·049	−·029	−·006	+·015	+·030	+·034	+·024	+·010	−·005	−·015	−·017	−·009	+·007	+·027	+·045	+·055	+·052	+·038	+·020	−·006	−·032	−·055	−·070	29·730
June 1856	−·072	−·057	−·039	−·016	+·006	+·024	+·032	+·022	+·011	·000	−·005	−·008	−·002	+·013	+·032	+·047	+·055	+·055	+·042	+·020	−·004	−·028	−·051	−·066	29·700
57	·073	·057	·032	·008	·011	·028	·033	·025	·012	−·002	·010	·014	·008	·007	·026	·042	·055	·055	·043	·019	·004	·028	·051	·066	·710
58	·068	·054	·034	·013	·010	·028	·034	·027	·012	·001	·008	·011	·004	·009	·030	·042	·052	·049	·035	·017	·006	·029	·055	·069	·722
59	·062	·051	·033	·010	·011	·024	·029	·021	·009	·007	·018	·018	·009	·005	·025	·041	·052	·051	·040	·023	·001	·022	·045	·056	·733
60	·066	·057	·035	·011	·009	·022	·030	·021	·009	·003	·012	·011	·003	·011	·030	·044	·056	·055	·039	·019	·006	·030	·053	·068	·682
Means	−·068	−·055	−·035	−·012	+·009	+·025	+·032	+·023	+·011	−·003	−·011	−·012	−·005	+·009	+·029	+·043	+·054	+·053	+·040	+·020	−·004	−·027	−·051	−·065	29·709
July 1856	−·074	−·061	−·040	−·012	+·011	+·025	+·032	+·023	+·011	+·001	−·006	−·008	−·004	+·008	+·027	+·044	+·053	+·054	+·040	+·019	−·005	−·028	−·050	−·065	29·691
57	·071	·054	·032	·007	·012	·030	·038	·028	·012	·003	·004	·006	·001	·008	·026	·039	·050	·050	·038	·014	·009	·032	·053	·069	·719
58	·070	·058	·040	·016	·004	·023	·029	·025	·008	−·001	·007	·008	·004	·008	·025	·039	·050	·051	·041	·025	+·003	·019	·046	·063	·736
59	·064	·052	·030	·008	·011	·027	·034	·027	·016	+·001	·009	·013	·010	·002	·021	·036	·048	·044	·033	·019	−·003	·025	·047	·061	·718
60	·075	·066	·044	·020	·006	·025	·033	·027	·015	·004	·007	·010	·001	·012	·031	·046	·057	·055	·045	·024	·000	·027	·051	·068	·709
Means	−·071	−·058	−·037	−·013	+·009	+·026	+·033	+·026	+·012	+·002	−·007	−·009	−·004	+·008	+·026	+·041	+·052	+·051	+·039	+·020	−·003	−·026	−·049	−·065	29·715
August 1856	−·071	−·055	−·032	−·005	+·019	+·034	+·036	+·027	+·011	−·002	−·011	−·015	−·014	−·002	+·016	+·038	+·051	+·055	+·042	+·025	−·001	−·025	−·047	−·064	29·754
57	·080	·067	·049	·021	·008	·030	·031	·023	·011	+·003	·002	·001	+·005	+·018	·034	·053	·063	·060	·044	·019	·011	·038	·063	·076	·757
58	·070	·055	·037	·014	·009	·026	·020	·022	·011	·000	·008	·009	−·004	·008	·024	·043	·054	·056	·045	·026	·000	·028	·054	·067	·758
59	·067	·055	·036	·009	·014	·031	·036	·026	·012	−·001	·012	·014	−·011	·003	·021	·042	·055	·056	·042	·023	·002	·030	·052	·066	·766
60	·073	·062	·042	·015	·009	·027	·034	·024	·012	+·001	·007	·008	·000	·011	·027	·046	·058	·057	·043	·024	·007	·032	·054	·072	·762
Means	−·072	−·059	−·039	−·013	+·012	+·030	+·033	+·024	+·011	·000	−·008	−·009	−·005	+·008	+·024	+·044	+·056	+·057	+·043	+·023	−·004	−·031	−·054	−·069	29·759
September 1856	−·068	−·052	−·031	−·008	+·015	+·032	+·028	+·018	+·005	−·007	−·014	−·015	−·005	+·011	+·031	+·052	+·064	+·063	+·047	+·019	−·012	−·041	−·062	−·074	29·798
57	·070	·053	·032	·009	·012	·031	·033	·024	·011	·001	·008	·011	·002	·010	·030	·050	·062	·050	·043	·017	·015	·044	·063	·073	·815
58	·073	·057	·032	·006	·018	·034	·036	·027	·014	+·001	·007	·012	·007	·004	·023	·045	·058	·055	·043	·021	·011	·041	·067	·076	·796
59	·068	·055	·034	·010	·014	·029	·031	·019	·001	−·011	·018	·018	·006	·013	·033	·053	·064	·064	·051	·024	·008	·039	·064	·073	·803
60	·068	·052	·029	·004	·021	·034	·034	·023	·009	·006	·017	·017	·010	·004	·025	·049	·061	·061	·047	·022	·008	·037	·060	·069	·746
Means	−·069	−·054	−·032	−·007	+·016	+·032	+·032	+·022	+·008	−·005	−·013	−·015	−·006	+·008	+·028	+·050	+·062	+·060	+·046	+·021	−·011	−·040	−·063	−·073	29·792
October 1856	−·055	−·039	−·017	+·008	+·026	+·032	+·029	+·018	+·002	−·011	−·017	−·020	−·014	+·004	+·024	+·043	+·058	+·057	+·039	+·010	−·020	−·043	−·059	−·060	29·837
57	·050	·036	·018	·008	·030	·038	·033	·020	·005	·013	·024	·027	·020	−·004	·021	·043	·056	·058	·042	·011	·013	·039	·054	·055	·854
58	·060	·042	·019	·008	·026	·033	·030	·016	·001	·015	·024	·026	·019	+·003	·022	·041	·057	·061	·044	·017	·011	·035	·053	·059	·842
59	·062	·046	·022	·001	·019	·028	·029	·021	·006	·011	·019	·020	·010	·007	·029	·046	·062	·060	·039	·012	·015	·042	·058	·062	·866
60	·062	·046	·022	·005	·024	·035	·030	·020	·002	·013	·021	·023	·011	·006	·026	·047	·059	·060	·042	·015	·012	·038	·060	·063	·844
Means	−·058	−·042	−·020	+·006	+·025	+·033	+·030	+·019	+·003	−·013	−·021	−·023	−·015	+·003	+·024	+·044	+·058	+·059	+·041	+·013	−·014	−·039	−·057	−·060	29·840
November 1856	−·043	−·028	−·007	+·016	+·032	+·035	+·027	+·016	−·003	−·017	−·027	−·031	−·023	−·007	+·015	+·036	+·053	+·055	+·037	+·013	−·015	−·038	−·051	−·054	29·929
57	·040	·032	·010	·014	·028	·034	·022	·014	·001	·016	·027	·029	·021	·002	·018	·042	·060	·059	·043	·015	·015	·039	·051	·051	·948
58	·044	·028	·009	·018	·032	·040	·033	·021	·001	·015	·025	·028	·020	·002	·017	·038	·053	·053	·038	·011	·010	·043	·057	·053	·968
59	·040	·027	·004	·018	·036	·042	·037	·024	·006	·020	·031	·032	·024	·009	·009	·029	·049	·052	·038	·014	·015	·042	·053	·056	·896
60	·052	·035	·012	·012	·028	·036	·028	·018	+·003	·013	·024	·025	·015	·000	·017	·037	·057	·057	·043	·014	·015	·040	·057	·057	·935
Means	−·046	−·030	−·008	+·016	+·031	+·037	+·029	+·019	·000	−·016	−·027	−·020	−·021	−·004	+·015	+·036	+·054	+·055	+·040	+·013	−·016	−·040	−·055	−·054	29·935
December 1856	−·040	−·026	−·002	+·021	+·033	+·037	+·029	+·020	+·005	−·014	−·029	−·035	−·028	−·014	+·006	+·034	+·053	+·054	+·043	+·015	−·015	−·040	−·054	−·054	29·972
57	·045	·030	·010	·012	·030	·035	·027	·014	·002	·014	·027	·031	·023	·008	·010	·035	·055	·057	·043	·019	·010	·038	·052	·054	30·023
58	·049	·037	·015	·008	·024	·034	·029	·020	·004	·014	·029	·032	·023	·008	·011	·039	·059	·060	·049	·024	·008	·037	·058	·060	·013
59	·048	·034	·016	·008	·027	·035	·030	·019	·001	·014	·027	·032	·024	·011	·009	·034	·054	·059	·044	·020	·008	·033	·050	·053	29·982
60	·045	·031	·011	·013	·028	·032	·027	·015	·001	·015	·028	·033	·025	·009	·010	·036	·050	·058	·045	·020	·006	·032	·050	·051	·979
Means	−·045	−·032	−·011	+·012	+·028	+·035	+·028	+·018	+·003	−·014	−·028	−·033	−·025	−·010	+·009	+·036	+·055	+·058	+·045	+·020	−·009	−·036	−·053	−·054	29·924
Mean of 5 Years	−·060	−·040	−·026	−·002	+·018	+·031	+·031	+·021	+·006	−·008	−·019	−·022	−·014	+·001	+·020	+·041	+·057	+·058	+·045	+·022	−·006	−·033	−·054	−·063	29·850

BAROMETRIC PRESSURE (Corrected to 32° Faht.)

Mean hourly Variations from the Horary monthly Means arranged by the Months for 20 Years

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	General Monthly Means
Madras Mean Time	h. m. 4.41	5.41	6.41	7.41	8.41	9.41	10.41	11.41	12.41	13.41	14.41	15.41	16.41	17.41	18.41	19.41	20.41	21.41	22.41	23.41	0.41	1.41	2.41	3.41	
January 1842-45	−·043	−·030	−·016	+·004	+·021	+·028	+·024	+·015	+·001	−·017	−·031	−·035	−·028	−·013	+·008	+·033	+·056	+·062	+·052	+·028	−·001	−·028	−·045	−·050	29·998
46-50	44	33	16	06	23	30	26	16	02	16	30	33	26	12	09	37	60	64	52	28	02	31	50	54	986
51-55	48	36	18	05	23	32	27	18	02	13	28	32	28	15	06	33	58	62	53	31	+ 02	29	47	54	998
56-61	47	35	18	05	22	30	25	15	02	12	27	31	23	08	09	35	59	63	52	28	− 02	33	52	57	30·007
Mean for 20 years	−·046	−·034	−·017	+·005	+·022	+·030	+·026	+·016	+·002	−·014	−·029	−·033	−·026	−·012	+·008	+·035	+·058	+·063	+·052	+·029	−·001	−·030	−·049	−·054	29·997
February 1842-45	−·050	−·039	−·023	−·003	+·016	+·028	+·026	+·018	+·004	−·013	−·026	−·031	−·025	−·010	+·012	+·036	+·056	+·065	+·055	+·032	+·004	−·025	−·049	−·054	29·971
46-50	49	38	22	00	20	29	25	16 − 01		16	31	36	28	13	11	37	60	69	58	33	04	25	48	55	971
51-55	51	39	22	01	19	30	29	19 + 03		13	27	31	27	12	10	36	57	66	55	30	01	28	51	57	969
56-61	54	44	26	02	19	30	29	18	08	10	24	31	27	09	10	34	56	66	56	32	03	27	51	60	968
Mean for 20 years	−·051	−·040	−·023	−·002	+·019	+·029	+·027	+·018	+·004	−·013	−·027	−·032	−·027	−·011	+·011	+·036	+·057	+·067	+·056	+·032	+·003	−·026	−·050	−·057	29·970
March 1841-45	−·058	−·047	−·031	−·006	+·017	+·032	+·032	+·023	+·005	−·013	−·025	−·028	−·021	−·004	+·018	+·040	+·059	+·066	+·055	+·032	+·002	−·027	−·051	−·063	29·891
46-50	55	44	27	05	17	30	29	19	03	15	28	31	21	00	20	44	62	67	55	31	00	29	52	63	909
51-55	57	45	29	07	15	29	29	19	02	12	21	27	20	05	18	42	60	65	54	29	00	29	51	62	910
56-60	58	47	28	05	16	29	29	18	02	14	24	27	18	02	19	44	62	68	56	30	02	27	52	62	002
Mean for 20 years	−·057	−·046	−·029	−·006	+·016	+·030	+·030	+·020	+·003	−·014	−·024	−·028	−·020	−·004	+·019	+·042	+·061	+·066	+·055	+·030	+·001	−·028	−·052	−·062	29·903
April 1841-45	−·073	−·060	−·037	−·011	+·013	+·031	+·035	+·023	+·009	−·006	−·016	−·019	−·008	+·008	+·026	+·049	+·062	+·061	+·048	+·026	−·004	−·035	−·058	−·072	29·828
46-50	65	53	33	08	15	32	35	22	04	12	22	24	14	01	24	48	62	61	49	28	01	31	52	66	816
51-55	66	53	32	10	12	27	29	19	04	10	17	19	10	04	24	48	62	61	49	28	02	31	53	68	823
56-60	65	52	30	06	16	32	34	23	06	10	21	23	13	02	22	45	61	59	47	27	01	33	55	68	834
Mean for 20 years	−·067	−·054	−·033	−·009	+·014	+·030	+·033	+·022	+·006	−·009	−·019	−·021	−·011	+·004	+·024	+·048	+·062	+·060	+·048	+·027	−·003	−·032	−·054	−·068	29·825
May 1841-45	−·062	−·048	−·024	−·001	+·022	+·037	+·039	+·028	+·006	−·010	−·022	−·022	−·014	+·001	+·022	+·040	+·053	+·051	+·038	+·020	−·005	−·033	−·054	−·067	29·710
46-50	64	50	30	07	17	34	36	24	07	08	18	21	12	03	25	44	55	54	41	22	04	31	52	66	730
51-55	62	49	27	04	18	34	35	24	08	09	19	22	13	01	23	42	53	53	40	22	04	28	48	63	748
56-60	65	49	29	06	15	30	34	24	10	05	15	17	09	07	27	45	55	52	38	20	06	32	55	70	730
Mean for 20 years	−·063	−·049	−·028	−·001	+·018	+·034	+·036	+·025	+·008	−·008	−·018	−·020	−·012	+·003	+·024	+·043	+·054	+·052	+·039	+·021	−·005	−·031	−·052	−·066	29·730
June 1841-45	−·067	−·056	−·035	−·012	+·010	+·026	+·031	+·023	+·011	−·003	−·012	−·014	−·006	+·007	+·028	+·041	+·051	+·050	+·038	+·022	−·001	−·025	−·048	−·064	29·689
46-50	69	56	36	12	10	27	33	25	09	05	13	14	06	08	30	46	56	54	42	23	02	28	53	69	693
51-55	69	55	35	11	10	25	33	24	10	03	10	12	05	08	28	43	53	52	39	21	02	26	49	65	702
56-60	68	55	35	12	09	25	32	23	11	03	11	12	05	09	29	43	54	53	40	20	04	27	51	65	709
Mean for 20 years	−·068	−·056	−·035	−·012	+·010	+·026	+·032	+·024	+·010	−·003	−·011	−·013	−·006	+·008	+·029	+·043	+·053	+·052	+·040	+·022	−·002	−·026	−·050	−·066	29·698
July 1841-45	−·073	−·060	−·034	−·013	+·011	+·027	+·034	+·024	+·010	−·002	−·009	−·011	−·004	+·012	+·029	+·043	+·054	+·054	+·043	+·023	−·001	−·029	−·053	−·069	29·712
46-50	66	52	33	09	12	25	31	22	09	03	11	12	07	06	24	39	49	48	37	21	01	25	47	63	714
51-55	68	54	36	11	11	25	34	27	13 + 02		06	09	04	08	26	39	49	48	37	19	05	29	51	67	718
56-60	71	58	37	13	09	26	33	26	12	02	07	09	04	08	26	41	52	51	39	20	03	26	49	65	715
Mean for 20 years	−·069	−·056	−·035	−·012	+·011	+·026	+·033	+·025	+·011	·000	−·008	−·010	−·005	+·008	+·026	+·040	+·051	+·050	+·039	+·021	−·002	−·027	−·050	−·066	29·715
August 1841-45	−·071	−·057	−·037	−·014	+·012	+·029	+·033	+·025	+·009	−·005	−·014	−·013	−·005	+·009	+·027	+·045	+·058	+·057	+·045	+·024	−·004	−·031	−·054	−·069	29·748
46-50	65	52	33	07	14	30	33	25	09	05	15	15	09	02	22	43	53	54	41	22	04	30	50	64	746
51-55	67	51	31	09	14	30	34	25	12	02	12	12	08	04	23	42	53	52	40	20	06	32	52	66	750
56-60	72	59	39	13	12	30	33	24	11	00	08	09	05	08	24	44	56	57	43	23	04	31	54	69	759
Mean for 20 years	−·069	−·055	−·035	−·011	+·013	+·030	+·033	+·025	+·010	−·003	−·012	−·012	−·007	+·006	+·024	+·041	+·055	+·055	+·042	+·022	−·004	−·031	−·052	−·067	29·751
September 1841-45	−·069	−·052	−·027	−·003	+·021	+·036	+·034	+·023	+·007	−·007	−·013	−·014	−·005	+·009	+·026	+·046	+·059	+·056	+·043	+·017	−·013	−·043	−·062	−·070	29·786
46-50	67	52	29	05	18	34	34	23	06	09	18	19	09	04	26	49	62	60	46	21	11	39	58	67	763
51-55	69	52	29	05	18	32	32	22	09	05	12	15	06	06	26	48	59	58	44	19	12	40	60	71	777
56-60	69	54	32	07	16	32	32	22	08	05	13	15	06	08	28	50	62	60	46	21	11	40	63	73	792
Mean for 20 years	−·068	−·052	−·029	−·005	+·018	+·033	+·033	+·022	+·008	−·006	−·014	−·010	−·006	+·007	+·027	+·048	+·060	+·059	+·045	+·019	−·012	−·040	−·061	−·070	29·780
October 1841-45	−·054	−·038	−·020	+·004	+·027	+·034	+·028	+·016	−·002	−·017	−·024	−·023	−·015	+·004	+·026	+·044	+·059	+·061	+·043	+·015	−·014	−·039	−·057	−·059	29·864
46-50	58	43	21	06	28	36	31	19 + 01		13	22	24	16	00	25	45	59	59	42	15	13	40	58	63	827
51-55	57	42	19	07	28	34	29	16 − 01		14	20	22	15	01	22	42	58	60	42	15	14	39	56	60	855
56-60	58	42	20	06	25	33	30	19 + 03		13	21	23	15	03	24	44	58	59	41	13	14	39	57	60	849
Mean for 20 years	−·057	−·041	−·020	+·006	+·027	+·034	+·029	+·017	+·001	−·014	−·022	−·023	−·015	+·002	+·024	+·041	+·058	+·060	+·042	+·014	−·014	−·039	−·057	−·060	29·849
November 1841-45	−·044	−·029	−·009	+·015	+·029	+·034	+·026	+·014	−·002	−·018	−·030	−·032	−·023	−·006	+·016	+·038	+·056	+·057	+·044	+·018	−·010	−·037	−·052	−·053	29·944
46-50	43	29	08	15	30	33	25	12	02	19	31	33	24	09	16	39	57	58	42	16	10	35	50	49	918
51-55	42	28	07	17	32	37	29	17	01	17	28	33	26	10	11	34	53	56	41	15	12	37	50	51	930
56-60	46	30	08	16	31	37	29	16	00	16	27	29	21	04	15	36	54	55	40	13	16	40	55	54	935
Mean for 20 years	−·044	−·020	−·008	+·016	+·031	+·035	+·027	+·015	−·001	−·017	−·029	−·032	−·023	−·007	+·014	+·037	+·055	+·056	+·042	+·015	−·012	−·037	−·052	−·052	29·932
December 1841-45	−·046	−·030	−·011	+·011	+·028	+·035	+·027	+·016	+·003	−·014	−·030	−·034	−·024	−·011	+·009	+·036	+·055	+·057	+·047	+·022	−·008	−·035	−·052	−·054	29·965
46-50	41	28	10	12	30	33	26	14 − 02		19	33	35	26	12	08	36	55	57	46	22	06	33	47	49	957
51-55	43	29	08	14	31	36	29	18 + 03		13	27	31	24	11	08	36	55	57	46	22	08	34	50	52	992
56-60	45	32	11	12	28	35	28	18 + 03		14	28	33	25	10	09	36	55	58	45	20	09	36	53	54	994
Mean for 20 years	−·044	−·030	−·010	+·012	+·029	+·035	+·028	+·016	+·002	−·015	−·029	−·033	−·025	−·011	+·008	+·036	+·055	+·057	+·046	+·021	−·008	−·034	−·050	−·052	29·977
Yearly Mean of 20 years	−·059	−·045	−·025	−·002	+·019	+·031	+·030	+·020	+·005	−·010	−·020	−·023	−·015	−·001	+·020	+·041	+·057	+·058	+·045	+·023	−·005	−·032	−·052	−·062	29·844

STANDARD DRY THERMOMETER

Mean hourly Variations from the Monthly Means, 1856 to 1860

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Monthly Means
Madras Mean Time	h. m. 4.41	5.41	6.41	7.41	8.41	9.41	10.41	11.41	12.41	13.41	14.41	15.41	16.41	17.41	18.41	19.41	20.41	21.41	22.41	23.41	0.41	1.41	2.41	3.41	
January 1856	+ 4·7	+ 2·7	+ 0·8	− 0·4	− 1·2	− 2·0	− 2·8	− 3·2	− 3·9	− 4·4	− 4·9	− 5·5	− 6·1	− 6·8	− 6·8	− 2·9	+ 1·8	+ 4·3	+ 5·6	+ 6·5	+ 6·7	+ 6·8	+ 6·2	+ 5·9	75·7
57	2·7	1·5	0·5	+ 0·1	0·2	0·5	1·0	1·3	2·3	2·9	3·4	4·0	4·6	5·1	5·2	2·9	0·2	2·5	3·7	4·5	4·8	4·8	4·4	3·8	75·3
58	3·7	2·3	1·0	0·4	0·3	1·0	1·7	2·4	3·1	3·8	4·6	5·0	5·4	6·1	6·0	3·4	0·4	3·0	4·5	5·4	6·0	5·8	5·6	4·8	74·0
59	3·1	1·9	1·0	0·4	0·3	1·1	1·5	2·2	2·8	3·2	3·5	4·0	4·6	5·0	5·0	2·6	0·5	2·6	4·0	4·5	5·0	4·9	4·5	4·0	74·4
60	3·6	2·0	0·9	0·3	0·2	0·8	1·2	1·9	3·0	3·9	4·4	5·0	5·4	5·7	6·1	3·6	0·1	2·6	4·3	5·4	5·7	5·4	5·2	4·7	74·5
61	3·2	1·6	0·6	0·1	0·3	0·8	1·3	1·8	2·4	3·3	4·1	4·8	5·2	6·0	6·0	3·2	0·5	3·3	4·6	5·3	5·5	5·5	5·0	4·4	76·5
Means	+ 3·50	+ 2·00	+ 0·80	+ 0·15	− 0·42	− 1·03	− 1·58	− 2·13	− 2·92	− 3·58	− 4·15	− 4·72	− 5·22	− 5·78	− 5·85	− 3·10	+ 0·58	+ 3·05	+ 4·45	+ 5·27	+ 5·62	+ 5·53	+ 5·15	+ 4·60	75·07
February 1856	+ 3·9	+ 2·1	+ 0·9	+ 0·2	− 0·5	− 1·0	− 1·7	− 2·4	− 3·3	− 4·2	− 5·1	− 5·8	− 6·5	− 7·2	− 6·9	− 2·7	+ 1·4	+ 3·7	+ 5·2	+ 5·9	+ 6·3	+ 6·3	+ 5·7	+ 5·1	78·9
57	5·3	3·4	1·5	0·3	0·8	1·9	2·8	3·6	4·8	5·4	5·9	6·3	6·8	7·2	7·1	3·8	0·2	3·6	5·6	6·7	7·4	7·6	7·2	6·5	75·4
58	4·6	2·8	0·0	0·2	0·5	1·1	1·7	2·4	3·0	3·8	4·7	5·7	6·8	7·4	7·2	3·8	− 0·2	3·4	4·8	6·2	6·6	6·6	6·5	5·9	76·2
59	4·2	2·3	1·0	0·1	0·7	1·4	2·1	2·7	3·5	4·2	4·9	5·4	5·8	6·2	6·3	3·0	+ 0·6	3·1	4·8	5·8	6·4	6·6	6·2	5·6	77·1
60	4·4	2·5	1·2	0·3	0·5	1·5	2·2	2·9	3·6	4·6	5·1	5·7	6·2	6·6	6·6	3·5	0·1	3·0	4·9	6·4	6·9	7·0	6·6	5·8	77·7
61	5·0	3·3	1·5	0·3	0·5	1·5	2·4	3·5	4·5	5·2	5·9	6·8	7·2	7·7	7·7	4·2	0·6	3·7	5·9	7·0	7·5	7·0	7·2	6·5	76·2
Means	+ 4·57	+ 2·73	+ 1·17	+ 0·23	− 0·58	− 1·40	− 2·15	− 2·92	− 3·78	− 4·57	− 5·27	− 5·95	− 6·55	− 7·05	− 6·97	− 3·50	+ 0·45	+ 3·42	+ 5·20	+ 6·33	+ 6·85	+ 6·95	+ 6·57	+ 5·90	76·92
March 1856	+ 3·9	+ 1·9	+ 0·3	− 0·4	− 1·1	− 1·7	− 2·3	− 3·0	− 3·0	− 4·7	− 5·3	− 5·8	− 6·4	− 6·9	− 6·2	− 2·2	+ 1·6	+ 4·2	+ 5·8	+ 6·5	+ 6·6	+ 6·7	+ 6·3	+ 5·4	81·1
57	4·4	2·3	0·5	0·3	0·9	1·6	2·3	3·2	4·2	5·0	5·7	6·2	6·7	6·9	6·6	2·4	1·3	4·0	5·7	6·5	7·0	6·9	6·6	5·8	80·2
58	4·3	2·4	0·4	0·4	1·0	1·5	2·1	2·8	3·8	4·7	5·5	6·1	6·7	7·0	6·2	2·6	0·9	3·8	5·7	6·4	6·7	6·7	6·4	5·7	80·2
59	3·7	1·5	0·0	0·8	1·4	2·0	2·5	3·1	3·9	4·7	5·4	5·7	6·2	6·5	5·9	1·9	1·9	4·6	6·4	7·1	7·2	6·8	6·1	5·3	81·4
60	4·3	1·9	0·5	0·4	1·0	1·5	2·1	2·7	3·9	5·0	5·7	6·3	6·8	7·2	6·5	2·6	1·3	4·0	6·2	7·2	7·4	7·1	6·9	5·9	81·7
Means	+ 4·11	+ 2·00	+ 0·34	− 0·46	− 1·08	− 1·66	− 2·26	− 2·96	− 3·94	− 4·82	− 5·52	− 6·02	− 6·56	− 6·90	− 6·28	− 2·34	+ 1·40	+ 4·12	+ 5·96	+ 6·74	+ 6·98	+ 6·84	+ 6·46	+ 5·62	80·92
April 1856	+ 2·6	+ 0·7	− 1·2	− 1·8	− 2·2	− 2·5	− 2·9	− 3·5	− 3·8	− 4·2	− 4·6	− 5·1	− 5·7	− 6·0	− 4·0	− 0·6	+ 2·3	+ 4·6	+ 6·1	+ 7·1	+ 7·1	+ 6·9	+ 5·9	+ 4·8	85·5
57	3·4	1·3	0·6	1·4	1·8	2·2	2·6	3·0	3·5	4·2	4·9	5·4	6·0	6·4	4·1	0·5	2·2	4·6	5·5	6·5	6·5	6·2	5·7	4·6	84·7
58	3·5	1·1	0·6	1·3	1·7	2·0	2·5	3·2	3·8	4·4	4·8	5·4	6·0	6·4	4·5	1·2	1·7	4·3	5·8	6·6	6·5	6·4	5·9	5·0	84·6
59	2·2	0·9	0·3	0·8	1·3	1·7	2·1	2·7	3·2	3·7	4·2	4·7	5·2	5·5	3·6	0·4	1·9	3·7	4·9	5·4	5·7	5·0	4·6	3·8	84·3
60	3·4	1·1	0·8	1·7	2·2	2·7	3·1	3·7	4·4	5·2	5·9	6·1	6·4	6·7	4·6	0·9	2·6	5·3	7·0	7·5	7·6	7·1	6·5	5·1	85·4
Means	+ 3·02	+ 1·02	− 0·70	− 1·40	− 1·84	− 2·22	− 2·61	− 3·22	− 3·74	− 4·34	− 4·88	− 5·34	− 5·86	− 6·20	− 4·16	− 0·72	+ 2·14	+ 4·50	+ 5·86	+ 6·62	+ 6·68	+ 6·32	+ 5·72	+ 4·66	84·90
May 1856	+ 2·8	+ 0·8	− 0·8	− 1·3	− 1·7	− 1·9	− 2·2	− 2·6	− 3·0	− 3·6	− 3·9	− 4·3	− 4·7	− 4·8	− 3·6	− 1·3	+ 1·1	+ 3·2	+ 4·6	+ 5·4	+ 5·7	+ 5·5	+ 5·1	+ 4·2	85·4
57	3·4	0·7	1·6	2·1	2·5	3·1	3·3	3·7	4·1	4·6	5·1	5·5	6·0	6·1	3·8	1·0	2·0	4·2	6·3	7·6	7·9	7·8	7·2	5·7	88·7
58	3·6	1·7	0·7	1·5	2·3	2·5	2·9	3·4	3·8	4·3	4·8	5·0	5·4	5·5	3·6	1·0	1·2	3·4	5·0	6·2	7·2	7·1	6·7	5·4	85·2
59	2·9	0·4	1·2	1·9	2·3	2·7	3·1	3·4	3·9	4·5	5·1	5·4	5·8	6·1	3·6	4·0	2·5	4·9	6·6	7·5	7·5	6·8	6·1	4·9	87·4
60	3·6	0·7	1·3	2·2	2·9	3·4	3·9	4·3	4·8	5·2	5·5	6·0	0·5	6·8	4·3	0·3	3·2	6·3	8·7	9·3	8·1	6·8	6·2	5·4	90·4
Means	+ 3·26	+ 0·86	− 1·12	− 1·80	− 2·34	− 2·72	− 3·08	− 3·48	− 3·92	− 4·44	− 4·88	− 5·24	− 5·68	− 5·86	− 3·78	− 1·52	+ 2·00	+ 4·40	+ 6·24	+ 7·20	+ 7·28	+ 6·80	+ 6·26	+ 5·12	87·42
June 1856	+ 5·1	+ 3·0	+ 0·1	− 1·3	− 1·9	− 2·3	− 2·8	− 3·4	− 4·1	− 4·5	− 5·2	− 5·6	− 6·1	− 6·3	− 4·9	− 2·0	+ 0·4	+ 2·5	+ 4·6	+ 6·1	+ 7·4	+ 7·8	+ 7·3	+ 6·4	87·7
57	4·3	2·5	− 0·4	1·7	2·3	2·7	3·1	3·5	4·1	4·4	4·7	5·2	5·8	6·0	4·4	1·2	1·1	2·9	4·9	6·2	7·1	7·4	7·3	6·4	86·0
58	3·1	0·8	1·7	2·8	3·5	4·0	4·2	4·6	5·0	5·3	5·5	5·8	6·2	6·4	4·1	0·7	2·5	4·7	6·8	8·5	9·2	9·5	8·0	5·9	87·6
59	3·5	1·2	0·8	1·5	2·1	2·6	2·9	3·4	3·9	4·7	5·5	5·8	6·2	6·5	4·7	1·8	1·2	3·7	5·3	7·0	8·2	8·7	7·5	6·2	87·0
60	3·3	1·1	1·2	1·5	1·9	2·5	3·3	3·7	4·1	4·2	4·8	5·4	5·7	6·2	4·6	1·9	1·1	3·4	5·7	7·8	8·6	8·1	7·5	5·5	88·9
Means	+ 3·86	+ 1·72	− 0·80	− 1·76	− 1·34	− 2·82	− 3·26	− 3·72	− 4·24	− 4·62	− 5·14	− 5·56	− 6·00	− 6·28	− 4·54	− 1·52	+ 1·26	+ 3·44	+ 5·46	+ 7·12	+ 8·10	+ 8·30	+ 7·52	+ 6·08	87·44
July 1856	+ 4·7	+ 2·7	+ 0·4	− 0·9	− 1·8	− 2·5	− 2·9	− 3·5	− 4·1	− 4·2	− 4·5	− 4·8	− 5·2	− 5·5	− 4·5	− 2·2	+ 0·2	+ 2·3	+ 4·1	+ 5·8	+ 7·0	+ 7·5	+ 6·9	+ 6·1	85·6
57	3·6	1·8	− 0·2	1·5	2·1	2·7	3·3	3·8	4·1	4·5	4·8	5·2	5·7	5·7	4·5	1·9	0·9	2·9	5·1	6·8	8·0	7·8	7·0	5·8	85·1
58	5·0	3·0	+ 0·2	0·9	1·8	2·6	3·5	4·1	4·4	4·7	5·0	5·2	5·4	5·5	4·5	2·3	0·1	2·3	4·2	5·8	7·1	7·5	7·8	6·6	85·4
59	4·3	2·4	0·4	0·6	1·5	2·3	2·7	3·1	3·5	4·0	4·4	4·8	5·3	5·6	4·2	2·1	0·3	2·5	4·3	5·2	6·2	6·7	6·0	5·6	84·8
60	4·7	2·6	0·0	1·3	2·2	3·0	3·4	3·9	4·2	5·1	5·5	5·6	5·8	6·0	5·1	2·7	− 0·3	2·3	4·5	6·6	8·1	9·5	8·7	7·5	87·1
Means	+ 4·46	+ 2·50	+ 0·16	− 1·04	− 1·88	− 2·62	− 3·16	− 3·68	− 4·06	− 4·50	− 4·84	− 5·12	− 5·48	− 5·66	− 4·56	− 2·24	+ 0·24	+ 2·46	+ 4·44	+ 6·01	+ 7·28	+ 7·80	+ 7·28	+ 6·32	85·60
August 1856	+ 4·1	+ 2·4	+ 0·5	− 0·7	− 1·2	− 1·8	− 2·5	− 2·7	− 3·1	− 3·5	− 4·0	− 4·3	− 4·6	− 4·9	− 4·0	− 2·2	− 0·2	+ 1·8	+ 3·4	+ 4·7	+ 5·5	+ 5·5	+ 5·6	+ 5·0	83·0
57	3·7	1·2	− 1·0	2·1	2·5	3·0	3·5	3·9	4·1	4·4	4·7	5·1	5·5	5·9	4·5	1·7	+ 0·7	2·9	4·9	7·2	8·9	9·1	8·2	6·0	86·0
58	4·6	1·9	0·6	1·4	1·9	2·4	2·7	3·1	3·7	4·3	4·8	5·2	5·8	6·0	4·9	2·2	0·4	2·6	4·5	6·2	7·2	7·9	7·3	6·4	85·0
59	3·8	1·9	+ 0·3	0·6	1·6	1·8	2·2	2·6	3·2	3·5	3·8	4·2	4·6	4·9	3·9	1·8	0·0	1·9	3·6	4·9	6·1	6·0	6·0	5·4	83·8
60	5·3	1·9	− 0·2	1·1	1·7	2·0	2·7	3·1	3·5	3·9	4·5	5·2	5·7	6·0	5·1	2·7	0·0	2·4	4·7	6·1	7·0	7·5	7·2	6·3	85·6
Means	+ 4·30	+ 1·86	− 0·20	− 1·18	− 1·78	− 2·20	− 2·72	− 3·08	− 3·52	− 3·92	− 4·30	− 4·80	− 5·24	− 5·54	− 4·48	− 2·12	+ 0·18	+ 2·32	+ 4·22	+ 5·82	+ 6·94	+ 7·20	+ 6·86	+ 5·82	84·68
September 1856	+ 4·0	+ 2·1	+ 0·2	− 0·5	− 1·0	− 1·5	− 2·2	− 2·8	− 3·1	− 3·6	− 4·0	− 4·4	− 4·8	− 5·3	− 4·8	− 2·5	− 0·2	+ 2·2	+ 3·0	+ 5·3	+ 6·1	+ 6·1	+ 6·0	+ 5·4	84·3
57	2·8	0·7	− 0·7	1·4	2·0	2·4	2·8	3·1	3·4	3·8	4·1	4·4	4·7	5·0	4·1	1·9	+ 0·4	2·9	4·9	6·5	6·8	6·8	6·2	4·7	84·8
58	3·8	1·3	+ 0·1	0·8	1·4	1·8	2·1	2·6	3·1	3·7	4·3	4·8	5·3	5·5	4·5	2·3	− 0·2	2·1	3·9	5·5	6·4	6·6	6·4	5·1	84·0
59	2·7	0·9	− 0·1	0·9	1·5	2·0	2·5	3·1	3·5	3·8	4·0	4·3	4·7	4·9	4·0	1·8	+ 0·6	2·6	4·4	5·6	6·6	7·1	6·4	5·0	83·4
60	3·8	1·3	0·0	0·9	1·6	2·1	2·5	3·0	3·7	3·9	4·4	4·8	5·2	5·1	4·3	2·1	0·0	2·2	4·2	5·9	7·0	7·4	6·2	4·9	83·7
Means	+ 3·42	+ 1·26	− 0·10	− 0·90	− 1·50	− 1·96	− 2·42	− 2·92	− 3·36	− 3·76	− 4·16	− 4·54	− 4·94	− 5·16	− 4·34	− 2·12	+ 0·12	+ 2·40	+ 4·26	+ 5·70	+ 6·58	+ 6·80	+ 6·24	+ 5·02	84·04
October 1856	+ 3·4	+ 1·7	+ 0·2	− 0·6	− 1·2	− 1·9	− 2·6	− 3·1	− 3·9	− 4·2	− 4·4	− 4·7	− 5·0	− 5·4	− 4·2	− 1·5	+ 1·1	+ 3·0	+ 4·3	+ 5·7	+ 6·1	+ 6·0	+ 5·6	+ 4·9	81·2
57	2·4	1·3	0·4	+ 0·1	0·3	0·8	1·4	1·8	2·0	2·8	3·0	3·2	3·5	3·6	3·3	1·6	0·5	1·8	3·0	3·7	4·1	4·0	3·5	2·8	79·6
58	2·4	0·8	0·1	− 0·3	0·8	1·3	1·6	2·0	2·4	2·6	2·8	3·1	3·5	3·7	3·0	0·8	0·9	2·5	3·3	3·6	4·1	4·0	3·6	3·1	79·7
59	3·4	1·4	0·3	0·5	1·3	2·0	2·5	2·9	3·6	4·0	4·3	4·6	4·9	5·2	4·2	1·8	0·8	3·2	4·9	6·0	6·5	7·0	5·2	4·3	81·4
60	2·6	1·1	0·4	0·1	0·7	1·4	1·9	2·4	3·3	3·5	3·8	4·1	4·1	4·4	3·3	1·2	1·0	2·6	4·1	4·9	5·0	5·2	4·7	3·6	81·0
Means	+ 2·84	+ 1·26	+ 0·28	− 0·28	− 0·86	− 1·48	− 2·00	− 2·44	− 3·16	− 3·42	− 3·66	− 3·94	− 4·20	− 4·46	− 3·60	− 1·38	+ 0·86	+ 2·62	+ 3·02	+ 4·78	+ 5·16	+ 5·24	+ 4·52	+ 3·74	80·58
November 1856	+ 2·3	+ 0·9	+ 0·4	0·0	− 0·3	− 0·7	− 1·1	− 1·7	− 2·0	− 2·5	− 3·1	− 3·3	− 3·6	− 4·1	− 3·6	− 1·3	+ 0·9	+ 2·0	+ 3·3	+ 3·8	+ 4·0	+ 3·6	+ 3·3	+ 3·0	77·8
57	2·4	1·1	0·2	− 0·1	0·6	0·9	1·2	1·7	2·2	2·9	3·5	3·8	4·2	4·5	3·7	1·7	0·1	1·7	3·2	4·5	4·8	4·8	4·5	3·6	76·7
58	1·3	0·1	− 0·1	0·4	0·6	0·8	1·1	1·5	1·9	2·2	2·5	2·6	2·9	3·0	2·6	0·9	1·0	2·3	2·8	3·2	3·4	3·0	2·7	2·1	77·8
59	1·1	0·3	+ 0·1	0·2	0·4	0·6	0·9	1·2	1·5	1·7	2·0	2·6	2·9	3·1	2·4	0·5	1·2	2·3	2·6	3·0	3·0	3·0	2·5	2·1	77·7
60	3·4	1·6	0·5	0·4	1·0	1·8	2·5	3·0	3·2	4·0	4·5	4·8	5·3	5·7	4·7	2·0	1·0	3·3	5·1	5·9	6·0	6·3	5·5	4·6	77·4
Means	+ 2·10	+ 0·80	+ 0·22	− 0·22	− 0·58	− 0·96	− 1·36	− 1·82	− 2·16	− 2·66	− 3·12	− 3·42	− 3·78	− 4·08	− 3·40	− 1·28	+ 0·84	+ 2·32	+ 3·40	+ 4·08	+ 4·24	+ 4·26	+ 3·70	+ 3·08	77·48
December 1856	+ 1·7	+ 0·6	− 0·1	− 0·5	− 0·0	− 0·9	− 1·3	− 1·4	− 1·8	− 2·2	− 2·5	− 2·7	− 2·9	− 3·2	− 3·5	− 1·8	+ 0·6	+ 2·1	+ 3·1	+ 3·5	+ 3·6	+ 3·5	+ 3·3	+ 2·6	75·6
57	2·4	1·3	+ 0·4	0·2	0·5	0·9	1·4	1·9	2·4	2·9	3·4	3·6	3·9	4·1	4·1	2·0	0·6	2·5	3·6	4·2	4·7	4·3	4·0	3·3	74·4
58	2·7	1·5	0·8	+ 0·4	0·0	0·6	1·2	1·8	2·7	3·2	3·6	4·0	4·4	4·9	4·7	2·1	0·9	3·0	3·9	4·3	4·7	4·5	4·3	3·6	74·6
59	2·7	1·1	0·5	0·1	0·5	1·0	1·5	1·9	2·7	3·2	3·7	4·0	4·3	4·4	4·3	1·9	0·6	2·4	3·8	4·4	4·7	4·7	4·2	3·5	76·7
60	2·0	1·0	0·4	0·2	0·2	0·7	1·1	1·6	2·1	2·7	3·1	3·8	4·0	4·4	4·3	2·1	0·8	2·8	3·9	4·3	4·3	3·9	3·7	3·0	76·4
Means	+ 2·30	+ 1·10	+ 0·40	0·00	− 0·36	− 0·82	− 1·30	− 1·72	− 2·34	− 2·81	− 3·26	− 3·62	− 3·90	− 4·20	− 4·18	− 1·98	+ 0·70	+ 2·56	+ 3·66	+ 4·14	+ 4·40	+ 4·18	+ 3·90	+ 3·20	75·54
Mean of 5 Years	+ 3·48	+ 1·59	+ 0·04	− 0·72	− 1·21	− 1·82	− 2·33	− 2·84	− 3·43	− 3·96	− 4·44	− 4·86	− 5·28	− 5·60	− 4·68	− 1·99	+ 0·90	+ 3·13	+ 4·76	+ 5·83	+ 6·34	+ 6·35	+ 5·85	+ 4·93	81·72

DRY THERMOMETER

Mean hourly Variations from the General monthly Means arranged by the Months for 20 Years.

Göttingen Mean Time.	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	General Monthly Means	
Madras Mean Time	h. m 4.41	5.41	6.41	7.41	8.41	9.41	10.41	11.41	12.41	13.41	14.41	15.41	16.41	17.41	18.41	19.41	20.41	21.41	22.41	23.41	0.41	1.41	2.41	3.41	Uncorrected	Reduced to Kew Standard
Jan.. 1842-45	+ 2·49	+ 1·20	+ 0·38	− 0·10	− 0·58	− 0·92	− 1·38	− 1·88	− 2·05	− 2·55	− 2·98	− 3·32	− 3·65	− 3·95	− 4·05	− 2·45	+ 0·05	+ 2·05	+ 3·28	+ 4·05	+ 4·40	+ 4·40	+ 4·15	+ 3·50	76·77	75·44
46-50	3·46	1·84	0·58	0·08	0·56	1·12	1·62	2·12	2·76	3·31	3·84	4·38	4·92	5·52	5·68	3·66	− 0·32	2·54	4·36	5·36	5·78	5·82	5·46	4·74	76·14	74·87
51-55	3·66	2·10	0·80	+ 0·14	0·44	0·94	1·52	2·12	2·78	3·30	3·88	4·34	4·82	5·26	5·44	3·48	0·36	2·28	3·98	4·86	5·40	5·50	5·26	4·76	76·90	75·62
56-61	3·50	2·09	0·80	0·15	0·42	1·03	1·58	2·13	2·92	3·58	4·15	4·72	5·22	5·78	5·85	3·10	+ 0·58	3·05	4·45	5·27	5·62	5·53	5·15	4·60	75·07	75·07
Mean for 20 years...	+ 3·28	+ 1·79	+ 0·64	+ 0·03	− 0·50	− 1·00	− 1·53	− 2·06	− 2·63	− 3·19	− 3·71	− 4·19	− 4·65	− 5·13	− 5·26	− 3·17	− 0·01	+ 2·48	+ 4·02	+ 4·89	+ 5·30	+ 5·31	+ 5·01	+ 4·40		75·23
Feb.. 1842-45	+ 3·63	+ 2·28	+ 1·08	+ 0·35	− 0·25	− 0·80	− 1·32	− 1·85	− 2·55	− 3·27	− 3·95	− 4·55	− 5·05	− 5·52	− 5·85	− 3·32	− 0·30	+ 1·08	+ 3·62	+ 4·68	+ 5·25	+ 5·42	+ 5·27	+ 4·70	78·22	76·93
46-50	3·88	2·16	0·52	− 0·24	0·78	1·24	1·64	2·16	2·86	3·48	4·12	4·66	5·18	5·68	5·76	3·28	+ 0·04	2·60	4·30	5·36	5·92	5·98	5·70	5·14	78·58	77·28
51-55	4·76	3·02	1·16	+ 0·24	0·48	1·14	1·86	2·82	3·36	4·12	4·78	5·38	6·02	6·54	6·66	4·08	− 0·38	2·62	4·66	5·76	6·30	6·44	6·36	5·84	77·94	76·64
56-61	4·57	2·73	1·17	0·23	0·58	1·40	2·15	2·92	3·78	4·57	5·27	5·05	6·55	7·05	6·97	3·50	+ 0·45	3·42	5·20	6·33	6·85	6·95	6·57	5·90	76·92	76·92
Mean for 20 years...	+ 4·21	+ 2·55	+ 0·98	+ 0·14	− 0·52	− 1·16	− 1·74	− 2·44	− 3·14	− 3·86	− 4·53	− 5·14	− 5·70	− 6·20	− 6·26	− 3·55	− 0·05	+ 2·66	+ 4·43	+ 5·53	+ 6·08	+ 6·20	+ 5·97	+ 5·40		76·94
Mar.. 1841-45	+ 3·10	+ 1·64	+ 0·56	− 0·16	− 0·60	− 0·96	− 1·38	− 1·84	− 2·36	− 2·92	− 3·62	− 4·24	− 4·80	− 5·26	− 5·16	− 2·56	− 0·14	+ 1·00	+ 3·68	+ 4·84	+ 5·38	+ 5·44	+ 5·20	+ 4·30	82·24	80·79
46-50	4·96	2·72	0·66	0·42	1·14	1·80	2·44	3·14	3·92	4·80	5·56	6·12	6·62	7·02	6·42	2·96	+ 0·56	3·50	5·62	6·72	7·22	7·32	7·00	6·28	81·68	80·23
51-55	4·78	2·68	0·62	0·28	1·00	1·58	2·26	2·98	3·68	4·44	5·08	5·70	6·24	6·74	6·26	2·98	0·60	3·24	5·10	6·14	6·68	6·78	6·62	5·96	82·06	80·60
56-60	4·12	2·00	0·34	0·46	1·08	1·66	2·26	2·96	3·94	4·82	5·52	6·02	6·56	6·90	6·28	2·34	1·40	4·12	5·96	6·74	6·98	6·84	6·46	5·62	86·92	86·92
Mean for 20 years...	+ 4·24	+ 2·26	+ 0·53	− 0·33	− 0·95	− 1·50	− 2·08	− 2·73	− 3·45	− 1·24	− 4·94	− 5·52	− 6·05	− 6·48	− 6·01	− 2·71	+ 0·60	+ 3·19	+ 5·09	+ 6·11	+ 6·56	+ 6·60	+ 6·32	+ 5·54		80·64
Apl.. 1841-45	+ 2·66	+ 1·04	− 0·22	− 0·84	− 1·26	− 1·58	− 1·90	− 2·24	− 2·64	− 3·10	− 3·58	− 4·06	− 4·42	− 4·68	− 3·78	− 1·78	+ 0·24	+ 2·42	+ 4·18	+ 5·24	+ 5·66	+ 5·54	+ 4·94	+ 4·06	85·74	83·68
46-50	3·84	1·70	0·48	1·30	1·80	2·26	2·62	3·06	3·56	4·12	4·76	5·36	5·86	6·22	4·68	1·42	1·38	3·84	5·70	6·62	6·88	6·60	6·04	5·14	86·14	83·97
51-55	3·96	1·86	0·50	1·44	2·00	2·42	2·84	3·36	3·82	4·44	5·00	5·46	5·96	6·34	4·62	1·06	1·88	4·42	5·98	6·54	6·88	6·58	6·16	5·34	86·52	84·34
56-60	3·02	1·02	0·70	1·40	1·84	2·22	2·64	3·22	3·74	4·34	4·88	5·34	5·86	6·20	4·16	0·72	2·14	4·50	5·86	6·62	6·68	6·32	5·72	4·66	84·00	84·00
Mean for 20 years...	+ 3·32	+ 1·40	− 0·47	− 1·24	− 1·72	2·12	− 2·50	− 2·95	− 3·44	− 4·00	− 4·55	− 5·05	− 5·52	− 6·86	− 4·31	− 1·24	+ 1·41	+ 3·80	+ 5·43	+ 6·25	+ 6·47	+ 6·26	+ 5·71	+ 4·80		84·22
May 1841-45	+ 2·46	+ 1·02	− 0·12	− 0·76	− 1·20	− 1·56	− 1·94	− 2·34	− 2·84	− 3·30	− 3·72	− 4·08	− 4·46	− 4·70	− 3·86	− 2·10	+ 0·14	+ 2·42	+ 4·58	+ 5·76	+ 5·86	+ 5·66	+ 5·00	+ 4·00	87·10	84·93
46-50	3·74	1·44	1·06	1·96	2·52	3·00	3·36	3·74	4·16	4·58	5·04	5·52	5·92	6·14	3·74	0·64	2·01	4·46	6·30	7·30	7·46	7·06	6·34	5·16	88·46	86·19
51-55	4·02	1·82	1·00	1·98	2·58	3·10	3·46	3·86	4·34	4·78	5·24	5·70	6·18	6·46	4·14	0·78	2·00	4·36	6·24	7·46	7·92	7·64	6·88	5·78	89·30	86·99
56-60	3·26	0·86	1·12	1·80	2·34	2·72	3·08	3·48	3·92	4·44	4·88	5·24	5·68	5·86	3·78	1·52	2·00	4·40	6·24	7·20	7·28	6·80	6·26	5·12	87·42	87·42
Mean for 20 years...	+ 3·37	+ 1·29	− 0·83	− 1·63	− 2·16	− 2·60	− 2·96	− 3·36	− 3·82	− 4·28	− 4·72	− 5·14	− 5·56	− 5·70	− 3·88	− 1·26	+ 1·55	+ 3·91	+ 5·84	+ 6·93	+ 7·13	+ 6·79	+ 6·12	+ 6·02		86·38
June 1841-45	+ 3·58	+ 1·00	+ 0·56	− 0·36	− 0·96	− 1·42	− 1·92	− 2·42	− 3·04	− 3·52	− 3·88	− 4·28	− 4·66	− 4·96	− 4·22	− 2·52	− 0·42	+ 1·74	+ 3·68	+ 5·04	+ 5·86	+ 6·06	+ 5·68	+ 4·60	87·02	84·82
46-50	4·42	1·86	− 0·52	1·66	2·32	2·84	3·38	3·86	4·36	4·76	5·08	5·40	5·72	5·92	4·24	1·74	+ 0·60	2·78	4·66	6·46	7·74	8·62	8·24	6·64	88·20	85·06
51-55	4·06	2·26	0·54	1·82	2·66	3·16	3·68	4·08	4·54	4·94	5·32	5·72	6·16	6·40	4·54	1·60	1·00	3·24	5·32	6·98	8·16	8·58	7·98	6·60	89·82	87·60
56-60	3·86	1·72	0·80	1·76	2·34	2·82	3·26	3·72	4·24	4·62	5·14	5·56	6·00	6·28	4·54	1·52	1·26	3·44	5·46	7·12	8·16	8·30	7·52	6·08	87·44	87·44
Mean for 20 years...	+ 4·20	+ 1·93	− 0·32	− 1·40	− 2·07	− 2·56	− 3·06	− 3·52	− 4·04	− 4·46	− 4·85	− 5·24	− 5·63	− 5·89	− 4·38	− 1·84	+ 0·61	+ 2·80	+ 4·78	+ 6·40	+ 7·46	+ 7·89	+ 7·35	+ 5·99		86·45
July 1841-45	+ 3·74	+ 2·26	+ 0·82	− 0·14	− 0·84	− 1·34	− 1·88	− 2·30	− 2·66	− 3·12	− 3·54	− 3·94	− 4·34	− 4·66	− 4·36	− 2·92	− 1·06	+ 0·76	+ 2·66	+ 4·26	+ 5·52	+ 6·06	+ 6·02	+ 4·94	86·24	84·07
46-50	4·08	2·74	0·34	0·94	1·78	2·48	2·90	3·42	3·72	4·20	4·60	5·06	5·44	5·72	4·62	2·36	0·04	2·12	4·12	5·86	6·90	7·30	7·18	6·30	88·32	84·21
51-55	4·80	2·52	0·08	1·22	2·10	2·66	3·16	3·66	4·06	4·38	4·54	5·16	6·54	5·88	4·80	2·42	+ 0·06	2·18	4·06	5·78	7·22	8·06	7·86	6·78	87·42	85·23
56-60	4·46	2·50	0·16	1·04	1·88	2·62	3·16	3·68	4·00	4·50	4·84	5·12	5·48	5·66	4·56	2·24	0·24	2·46	4·44	6·04	7·28	7·80	7·28	6·32	85·60	85·60
Mean for 20 years...	+ 4·42	+ 2·60	+ 0·35	− 0·83	− 1·65	− 2·27	− 2·77	− 3·26	− 3·62	− 4·05	− 4·38	− 4·82	− 5·20	− 5·48	− 4·58	− 2·48	− 0·20	+ 1·88	+ 3·82	+ 5·48	+ 6·73	+ 7·30	7·08	+ 6·09		84·78
Aug. 1841-45	+ 3·40	+ 1·86	+ 0·72	− 0·14	− 0·74	− 1·18	− 1·66	− 2·14	− 2·66	− 3·04	− 3·42	− 3·76	− 3·98	− 4·34	− 4·06	− 2·80	− 1·62	+ 0·94	+ 2·76	+ 4·18	+ 5·30	+ 5·76	+ 6·44	+ 4·60	84·52	82·70
46-50	4·48	2·50	0·20	0·92	1·68	2·26	2·82	3·30	3·68	4·16	4·62	5·06	5·42	5·74	4·78	2·24	+ 0·40	2·44	4·38	5·92	6·88	7·00	6·68	5·78	85·70	83·65
51-55	4·96	3·08	0·46	0·72	1·62	2·32	2·82	3·22	3·68	4·12	4·58	4·98	5·38	5·76	4·90	2·66	− 0·30	1·82	3·84	5·60	6·60	7·10	7·06	6·18	86·42	84·27
56-60	4·30	1·86	− 0·20	1·18	1·78	2·20	2·72	3·08	3·52	3·92	4·36	4·80	5·24	5·54	4·48	2·12	+ 0·18	2·32	4·22	5·82	6·04	7·20	6·86	5·82	84·68	84·68
Mean for 20 years...	+ 4·30	+ 2·32	+ 0·29	− 0·74	− 1·45	− 1·99	− 2·51	− 2·93	− 3·38	− 3·81	− 4·24	− 4·63	− 5·00	− 5·34	− 4·55	− 2·45	− 0·18	+ 1·88	+ 3·80	+ 5·38	+ 6·43	+ 6·76	+ 6·51	+ 5·59		83·82
Sep.. 1841-45	+ 2·60	+ 1·44	+ 0·54	− 0·04	− 0·48	− 0·98	− 1·40	− 1·86	− 2·34	− 2·68	− 3·10	− 3·54	− 3·92	− 4·20	− 3·82	− 2·44	− 0·70	+ 1·14	+ 2·92	+ 4·34	+ 5·08	+ 5·06	+ 4·66	+ 3·76	83·50	81·03
46-50	3·70	1·80	0·26	0·58	1·20	1·76	2·28	2·78	3·22	3·72	4·22	4·62	5·00	5·40	4·78	2·54	0·26	2·10	4·10	5·66	6·56	6·78	6·18	5·10	85·24	83·29
51-55	4·04	1·80	0·00	0·86	1·46	1·90	2·32	2·78	3·28	3·82	4·32	4·76	5·20	5·54	4·82	2·52	0·00	2·28	4·18	5·72	6·64	6·92	6·54	5·50	85·94	83·83
56-60	3·42	1·26	− 0·16	0·90	1·56	1·90	2·42	2·92	3·36	3·76	4·16	4·54	4·94	5·16	4·34	2·12	+ 0·12	2·40	4·26	5·76	6·58	6·80	6·24	5·02	84·04	84·04
Mean for 20 years...	+ 3·44	+ 1·57	+ 0·17	− 0·59	− 1·16	− 1·65	− 2·10	− 2·58	− 3·05	− 3·49	− 3·95	− 4·36	− 4·76	− 5·07	− 4·44	− 2·41	− 0·21	+ 1·98	+ 3·86	+ 6·37	+ 6·21	+ 6·30	+ 6·90	+ 4·84		83·27
Oct.. 1841-45	+ 2·38	+ 1·28	+ 0·62	+ 0·18	− 0·16	− 0·50	− 0·88	− 1·30	− 1·86	− 2·28	− 2·80	− 3·12	− 3·48	− 3·72	− 3·28	− 1·82	− 0·14	+ 1·26	+ 2·38	+ 3·16	+ 3·76	+ 3·76	+ 3·58	+ 3·04	81·18	79·80
46-50	3·26	1·46	0·30	− 0·30	0·74	1·30	1·78	2·28	2·84	3·30	3·66	3·98	4·42	4·76	4·12	2·02	+ 0·04	2·02	3·54	4·52	5·18	5·40	5·20	4·44	82·60	81·13
51-55	3·00	1·28	0·20	0·34	0·90	1·36	1·88	2·30	2·82	3·28	3·64	3·96	4·32	4·50	3·78	1·66	0·50	2·26	3·62	4·66	5·18	5·10	4·86	4·04	82·44	80·98
56-60	2·84	1·26	0·28	0·28	0·86	1·48	2·00	2·44	3·16	3·42	3·60	3·94	4·20	4·46	3·60	1·38	0·86	2·62	3·92	4·78	5·16	5·24	4·52	3·78	80·58	80·58
Mean for 20 years...	+ 2·87	+ 1·32	+ 0·35	− 0·18	− 0·66	− 1·16	− 1·63	− 2·08	− 2·67	− 3·07	− 3·44	− 3·75	− 4·10	− 4·36	− 3·69	− 1·72	+ 0·31	+ 2·04	+ 3·36	+ 4·28	+ 4·82	+ 4·87	+ 4·54	+ 3·82		80·62
Nov. 1841-45	+ 2·00	+ 0·86	+ 0·26	− 0·12	− 0·48	− 0·74	− 1·10	− 1·46	− 2·04	− 2·56	− 3·06	− 3·52	− 3·92	− 4·28	− 4·04	− 2·02	+ 0·56	+ 2·50	+ 3·54	+ 4·12	+ 4·34	+ 4·24	+ 3·72	+ 3·06	78·56	77·26
46-50	2·22	0·86	0·10	0·30	0·62	0·92	1·22	1·66	2·20	2·62	3·00	3·32	3·60	3·90	3·46	1·66	0·34	2·14	3·30	4·12	4·38	4·38	4·06	3·20	79·14	77·82
51-55	1·96	0·82	0·10	0·26	0·54	0·86	1·20	1·70	2·14	2·58	2·94	3·26	3·60	3·82	3·38	1·48	0·60	2·16	3·18	3·66	4·04	4·06	3·66	2·90	79·16	77·83
56-60	2·10	0·80	0·22	0·22	0·58	0·96	1·36	1·82	2·16	2·66	3·12	3·42	3·78	4·08	3·40	1·28	0·84	2·32	3·40	4·08	4·24	4·26	3·70	3·08	77·48	77·48
Mean for 20 years...	+ 2·07	+ 0·84	+ 0·17	− 0·22	− 0·56	− 0·87	− 1·23	− 1·60	− 2·13	− 2·61	− 3·03	− 3·38	− 3·73	− 4·02	− 3·57	− 1·61	+ 0·59	+ 2·28	+ 3·36	+ 4·00	+ 4·25	+ 4·24	+ 3·79	+ 3·08		77·60
Dec.. 1841-45	+ 2·06	+ 1·04	+ 0·40	+ 0·02	− 0·34	− 0·68	− 1·04	− 1·44	− 1·88	− 2·22	− 2·64	− 2·98	− 3·30	− 3·60	− 3·76	− 2·38	+ 0·00	+ 1·78	+ 2·96	+ 3·64	+ 3·96	+ 3·88	+ 3·62	+ 2·90	76·70	75·48
46-50	2·36	0·96	0·04	− 0·40	0·74	1·04	1·44	1·84	2·10	2·46	2·90	3·24	3·56	3·80	3·76	2·04	0·20	2·10	3·44	4·10	4·48	4·42	4·00	3·42	76·90	75·67
51-55	2·80	1·34	0·36	0·14	0·54	0·94	1·38	1·82	2·42	2·84	3·34	3·82	4·30	4·68	4·54	2·48	0·06	2·38	3·70	4·56	4·82	4·88	4·52	3·84	76·90	75·61
56-60	2·30	1·10	0·40	0·00	0·36	0·82	1·30	1·72	2·34	2·84	3·26	3·62	3·90	4·20	4·18	1·08	0·70	2·56	3·66	4·14	4·40	4·18	3·90	3·20	75·54	75·54
Mean for 20 years...	+ 2·38	+ 1·11	+ 0·30	− 0·13	− 0·49	− 0·87	− 1·29	− 1·70	− 2·18	− 2·59	− 3·04	− 3·41	− 3·76	− 4·07	− 4·06	− 2·22	+ 0·24	+ 2·20	+ 3·44	+ 4·09	+ 4·41	+ 4·34	+ 4·01	+ 3·34		76·67
Yearly mean of 20 years.	+ 3·51	+ 1·74	+ 0·18	− 0·69	− 1·16	− 1·65	− 2·12	− 2·60	− 3·14	− 3·65	− 4·12	− 4·56	− 4·97	− 6·31	− 4·55	− 2·22	+ 0·39	+ 2·60	+ 4·27	+ 5·40	+ 6·00	+ 6·08	+ 4·83	+ 5·70		81·29

WET BULB THERMOMETER.

Mean hourly Variations from the Monthly Means, 1856 to 1860

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Monthly Means
Madras Mean Time	h. m. 4.41	5.41	6.41	7.41	8.41	9.41	10.41	11.41	12.41	13.41	14.41	15.41	16.41	17.41	18.41	19.41	20.41	21.41	22.41	23.41	0.41	1.41	2.41	3.41	
January 1856	+1·7	+1·1	+0·5	0·0	−0·4	−0·6	−0·9	−1·3	−1·5	−1·8	−2·1	−2·4	−2·9	−3·4	−3·4	−0·8	+1·8	+2·6	+2·1	+2·2	+2·4	+2·5	+2·2	+2·2	70·7
57	0·8	0·3	−0·1	−0·3	0·4	0·5	0·7	0·9	1·0	1·1	1·1	1·3	1·6	1·8	1·9	0·6	0·6	1·1	1·4	1·6	1·7	1·7	1·5	1·3	69·6
58	1·3	1·0	+0·5	+0·2	0·1	0·2	0·3	0·7	1·0	1·3	1·6	1·9	2·3	2·6	2·6	1·3	0·6	1·5	1·8	2·2	2·1	2·1	2·0	1·7	68·1
59	1·0	0·6	0·3	0·1	0·2	0·6	0·7	0·9	1·0	1·3	1·5	1·7	1·9	2·1	2·2	1·0	0·5	1·4	1·9	2·2	2·3	2·2	1·7	1·3	69·4
60	0·8	0·3	0·1	0·0	0·1	0·4	0·5	1·6	0·9	1·3	1·3	1·4	1·6	1·8	2·3	0·8	0·7	1·3	1·7	2·0	1·8	1·6	1·6	1·3	68·3
61	1·2	0·8	0·5	0·3	0·0	0·1	0·3	0·4	0·8	1·0	1·5	1·9	2·2	2·6	2·7	1·0	0·2	1·2	1·8	2·1	1·8	1·9	1·7	1·5	71·1
Means...	+1·13	+0·68	+0·30	+0·05	−0·20	−0·40	−0·57	−0·97	−1·03	−1·30	−1·52	−1·77	−2·08	−2·38	−2·52	−0·92	+0·74	+1·52	+1·78	+2·05	+2·02	+2·00	+1·78	+1·55	69·53
February 1856	+2·0	+1·3	+0·7	+0·3	0·0	−0·1	−0·5	−0·9	−1·2	−1·8	−2·3	−2·8	−3·3	−3·7	−3·3	−0·8	+0·7	+1·4	+1·6	+2·5	+2·6	+2·8	+2·4	+2·5	73·8
57	2·0	1·7	1·4	0·9	+0·3	0·1	0·6	1·3	1·9	2·2	2·6	2·9	3·2	3·5	3·3	1·0	1·0	2·0	2·0	1·8	2·2	2·5	2·4	2·1	70·3
58	2·1	1·5	0·8	0·4	0·2	0·1	0·5	0·7	1·0	1·5	1·6	2·1	2·7	3·4	3·2	1·2	0·2	1·2	1·3	1·9	2·3	2·2	2·4	2·4	70·3
59	1·6	1·1	0·7	0·4	0·1	0·2	0·6	0·9	1·2	1·6	1·9	2·2	2·4	2·8	2·8	1·0	0·6	1·4	1·7	2·2	2·3	2·5	2·2	2·1	72·0
60	1·8	1·4	0·9	0·7	0·4	+0·1	0·1	0·5	1·2	1·6	2·0	2·3	2·6	2·8	2·8	1·1	0·5	1·3	1·2	1·6	1·9	1·7	2·0	1·9	72·3
61	2·4	2·0	1·7	1·2	0·7	0·1	0·4	1·1	1·8	2·3	2·9	3·4	3·7	4·1	4·1	2·1	0·2	1·3	1·9	2·5	2·7	2·8	3·1	2·9	70·9
Means...	+1·98	+1·50	+1·03	+0·65	+0·28	−0·05	−0·45	−0·90	−1·38	−1·83	−2·22	−2·62	−2·98	−3·38	−3·25	−1·20	+0·53	+1·43	+1·62	+2·08	+2·33	+2·42	+2·42	+2·32	71·60
March 1856	+1·6	+1·0	+0·4	+0·1	0·0	−0·3	−0·5	−0·7	−1·2	−1·7	−2·1	−2·4	−2·8	−3·3	−2·8	−0·5	+1·0	+1·5	+1·9	+2·3	+2·3	+2·4	+2·3	+2·0	75·7
57	1·6	1·0	0·5	0·3	+0·2	0·0	0·2	0·6	1·2	1·7	2·1	2·4	2·8	2·9	2·5	0·0	1·0	1·4	1·8	1·7	1·7	1·5	1·4	1·6	74·2
58	1·7	1·1	0·5	0·1	−0·1	0·2	0·4	0·7	1·1	1·6	2·0	2·2	2·5	2·8	2·3	0·5	0·6	1·0	1·5	2·1	2·1	2·2	2·3	2·3	74·3
59	1·4	0·9	0·5	0·2	0·0	0·3	0·5	0·8	1·2	1·5	1·7	2·0	2·3	2·7	2·4	0·7	0·6	1·1	1·6	1·8	2·3	2·2	2·0	1·9	75·8
60	1·3	1·0	0·5	0·4	+0·2	+0·4	+0·2	0·0	1·0	1·4	1·9	2·3	2·6	3·0	2·4	0·2	0·9	0·6	1·1	1·6	1·8	1·5	1·7	1·6	75·6
Means...	+1·52	+1·00	+0·48	+0·22	+0·06	−0·08	−0·28	−0·56	−1·14	−1·58	−1·96	−2·20	−2·60	−2·94	−2·48	−0·38	+0·82	+1·12	+1·58	+1·90	+2·04	+1·96	+1·94	+1·88	75·12
April 1856	+1·0	+0·7	+0·2	+0·1	−0·1	0·0	−0·2	−0·6	−0·7	−1·0	−1·4	−1·7	−2·1	−2·4	−1·4	−0·4	−0·1	+0·4	+1·1	+1·7	+1·8	+1·7	+1·7	+1·4	79·3
57	1·0	0·6	0·0	−0·1	0·4	−0·4	0·5	0·7	0·9	1·2	1·5	1·8	2·1	2·4	1·1	+0·2	+0·7	0·8	1·1	1·6	1·8	1·8	1·5	1·2	78·2
58	1·0	0·6	0·2	+0·1	0·0	0·2	0·3	0·4	0·8	1·0	1·1	1·4	1·8	2·2	1·2	0·0	0·3	0·8	1·3	1·4	1·5	1·3	1·3	1·3	78·3
59	0·8	0·5	0·0	−0·2	0·3	0·4	0·5	0·7	0·9	1·0	1·2	1·3	1·5	1·7	1·0	−0·1	0·7	1·1	1·5	1·6	1·6	1·4	1·4	1·2	78·1
60	1·1	0·9	0·5	+0·3	+0·1	+0·1	0·0	0·4	0·8	1·3	1·6	1·8	2·0	2·4	1·4	0·0	0·3	0·5	0·9	1·3	1·5	1·4	1·3	1·2	78·7
Means...	+0·98	+0·66	+0·18	+0·04	−0·14	−0·18	−0·30	−0·56	−0·82	−1·10	−1·36	−1·60	−1·90	−2·22	−1·22	−0·06	+0·38	+0·72	+1·18	+1·52	+1·61	+1·52	+1·44	+1·26	78·52
May 1856	+1·1	+0·9	+0·9	+0·7	+0·5	+0·4	−0·2	−0·6	−1·0	−1·4	−1·7	−1·7	−1·9	−1·8	−1·3	−0·9	+0·1	+0·4	+1·1	+1·4	+1·4	+1·3	+1·3	+1·1	78·5
57	1·5	1·5	1·2	1·0	0·6	0·0	0·3	0·6	1·2	1·5	1·7	2·0	2·3	2·4	1·3	0·8	−0·1	0·3	0·8	1·0	1·5	1·9	1·8	1·6	77·7
58	1·4	0·9	0·4	0·3	0·0	0·0	0·0	0·3	0·4	0·8	1·1	1·2	1·5	2·0	1·4	1·0	0·7	0·3	0·2	0·9	1·3	1·2	1·5	1·7	77·9
59	1·1	0·7	0·4	0·4	0·4	0·4	+0·2	0·0	0·4	0·8	1·2	1·4	1·7	2·3	1·7	0·9	0·3	0·5	0·8	1·1	1·3	1·4	1·7	1·4	80·5
60	2·1	1·8	1·3	1·0	0·6	0·5	0·2	0·2	1·0	1·4	1·6	1·9	2·4	2·7	2·1	1·3	0·8	−0·4	0·2	0·7	1·3	1·8	1·9	2·1	79·8
Means...	+1·44	+1·16	+0·84	+0·68	+0·42	+0·26	−0·02	−0·34	−0·80	−1·18	−1·46	−1·64	−1·96	−2·24	−1·56	−0·98	−0·36	+0·22	+0·62	+1·02	+1·36	+1·52	+1·64	+1·58	78·88
June 1856	+1·4	+1·1	+1·1	+1·2	+1·0	+0·6	+0·3	−0·1	−1·0	−1·2	−1·5	−1·8	−2·1	−2·1	−1·6	−0·9	−0·5	−0·1	+0·2	+0·6	+0·8	+1·1	+1·5	+1·8	77·7
57	1·5	1·5	1·1	0·8	0·8	0·3	0·1	0·3	0·9	1·1	1·3	1·8	2·3	2·6	2·1	1·0	0·2	+0·3	0·6	0·9	1·2	1·5	1·5	1·5	77·3
58	1·4	1·3	1·0	0·9	0·7	0·5	0·4	+0·1	0·2	0·5	0·7	1·1	1·5	2·4	1·9	1·0	0·6	−0·3	0·0	0·4	0·8	1·1	1·5	1·4	77·9
59	1·6	1·1	0·8	0·8	0·6	0·4	0·3	0·0	0·6	0·9	1·2	1·4	1·7	2·2	2·0	0·9	0·4	0·1	0·1	0·4	0·8	1·3	1·7	1·6	78·4
60	1·7	1·4	1·2	1·0	0·7	0·5	0·4	0·0	0·5	0·6	1·2	2·0	2·2	2·5	1·9	1·3	0·6	0·5	−0·1	0·5	1·1	1·2	1·4	2·0	78·4
Means...	+1·52	+1·28	+1·04	+0·94	+0·76	+0·46	+0·30	−0·06	−0·64	−0·86	−1·18	−1·62	−1·96	−2·36	−1·90	−1·02	−0·46	−0·14	+0·16	+0·56	+0·94	+1·24	+1·52	+1·66	77·94
July 1856	+1·5	+1·1	+0·6	+0·9	+0·6	+0·2	−0·1	−0·5	−0·9	−1·0	−1·2	−1·5	−1·8	−2·2	−1·6	−0·8	−0·4	−0·1	+0·3	+0·7	+1·0	+1·3	+1·7	+1·9	77·1
57	1·4	1·3	0·9	1·0	0·9	0·7	+0·5	+0·2	0·3	0·9	1·5	2·0	2·4	2·7	2·2	1·5	0·5	0·1	0·5	0·8	1·2	1·7	1·8	1·6	76·6
58	1·5	1·5	1·0	0·9	0·9	0·3	−0·1	−0·3	0·5	0·8	1·0	1·2	1·5	2·0	2·0	1·2	0·6	0·1	0·3	0·5	0·7	1·0	1·4	1·4	77·4
59	1·7	1·3	0·7	0·4	0·1	−0·3	0·4	0·6	0·8	1·0	1·2	1·4	1·7	2·3	1·9	1·2	0·5	+0·3	0·9	1·3	1·8	1·9	1·9	1·8	77·8
60	1·6	1·6	1·4	1·2	0·8	+0·4	+0·2	+0·1	0·1	0·5	0·8	1·3	1·6	2·1	1·9	1·3	1·0	−0·5	−0·3	0·0	0·6	0·9	1·3	1·6	77·3
Means...	+1·58	+1·36	+0·92	+0·88	+0·66	+0·26	+0·02	−0·22	−0·52	−0·84	−1·14	−1·48	−1·80	−2·26	−1·92	−1·20	−0·60	−0·10	+0·34	+0·66	+1·06	+1·36	+1·62	+1·66	77·24
August 1856	+1·9	+1·5	+1·3	+0·6	+0·4	+0·2	−0·1	−0·2	−0·7	−1·4	−1·6	−1·8	−2·0	−2·1	−1·6	−1·0	−0·4	+0·2	+0·5	+0·6	+1·1	+1·3	+1·6	+1·8	77·4
57	1·8	1·4	1·3	1·3	0·4	0·8	+0·4	+0·3	0·1	0·6	1·1	1·4	1·8	2·6	2·2	1·1	1·0	−0·7	−0·4	0·2	0·9	1·4	1·9	1·9	76·2
58	1·7	1·5	0·8	0·7	0·6	0·4	0·2	−0·1	0·6	0·9	1·1	1·4	1·6	2·0	1·6	0·9	0·5	0·2	0·0	0·3	0·8	1·3	1·6	1·7	77·6
59	1·4	1·2	0·8	0·6	0·2	0·0	−0·2	0·4	0·6	0·8	0·9	1·1	1·4	2·0	2·2	1·2	0·7	0·1	+0·1	0·5	1·0	1·6	1·8	1·6	77·8
60	1·3	1·1	0·6	0·6	0·7	0·6	+0·4	+0·2	0·0	0·5	0·8	1·4	1·9	2·2	1·9	1·3	0·9	0·2	0·2	0·7	1·1	1·3	1·5	1·5	77·7
Means...	+1·62	+1·34	+1·00	+0·76	+0·46	+0·40	+0·14	−0·04	−0·40	−0·84	−1·10	−1·42	−1·74	−2·18	−1·90	−1·10	−0·70	−0·20	+0·08	+0·46	+0·98	+1·38	+1·68	+1·70	77·34
September 1856	+1·0	+0·9	+0·8	+0·7	+0·7	+0·3	+0·1	0·0	−0·2	−0·4	−0·7	−1·0	−1·3	−1·7	−1·5	−0·9	−0·5	−0·2	0·0	+0·4	+0·5	+0·8	+1·0	+1·1	76·8
57	1·2	1·1	0·9	0·9	0·8	0·8	0·5	+0·4	0·1	0·4	0·6	0·9	1·2	1·4	1·4	1·1	1·0	0·8	−0·7	0·1	0·6	0·6	1·1	1·3	76·9
58	1·2	0·8	0·7	0·5	0·4	0·3	0·2	0·0	0·3	0·4	0·6	0·8	1·0	1·6	1·7	1·4	0·9	0·5	0·1	0·4	0·8	0·9	1·1	1·1	76·7
59	0·7	0·5	0·4	0·2	0·2	0·2	−0·1	−0·3	0·5	0·7	0·8	1·2	1·6	1·9	1·8	1·2	0·5	+0·1	+0·7	0·8	1·1	1·3	1·8	1·4	77·7
60	1·4	1·3	1·0	0·6	0·6	0·6	+0·4	+0·3	0·4	0·6	1·3	1·5	2·0	2·2	2·0	1·2	0·8	−0·3	−0·1	0·5	0·9	1·3	1·3	1·4	77·8
Means...	+1·10	+0·92	+0·76	+0·58	+0·54	+0·44	+0·22	+0·08	−0·30	−0·50	−0·80	−1·08	−1·42	−1·76	−1·68	−1·16	−0·74	−0·34	−0·04	+0·44	+0·78	+0·98	+1·26	+1·26	77·18
October 1856	+1·0	+0·7	+0·5	+0·2	+0·1	−0·3	−0·5	−0·9	−1·2	−1·4	−1·5	−1·6	−1·8	−2·0	−1·1	+0·1	+0·7	+1·0	+0·6	+0·9	+1·3	+1·5	+1·5	+1·3	76·1
57	0·8	0·6	0·4	0·4	0·5	+0·1	0·2	−0·3	0·9	1·0	1·0	1·3	1·6	1·5	1·4	−0·6	0·3	0·5	0·7	0·8	1·0	1·2	1·0	0·7	75·7
58	0·3	0·0	0·0	−0·2	0·1	−0·1	0·1	0·4	0·7	0·8	0·9	1·0	1·2	1·5	1·1	0·2	0·4	0·8	0·8	1·1	1·3	1·2	0·8	0·6	75·9
59	0·9	0·4	0·4	+0·2	0·0	0·3	0·4	0·6	1·0	1·1	1·1	1·3	1·6	1·7	1·6	0·6	0·4	1·0	1·2	1·3	1·6	1·4	1·0	0·8	76·2
60	1·0	0·6	0·3	0·3	0·1	0·0	0·2	0·5	1·0	1·1	1·2	1·4	1·5	1·8	1·3	0·4	0·4	0·8	1·2	1·4	1·3	1·6	1·5	0·9	77·1
Means...	+0·80	+0·46	+0·32	+0·18	+0·16	−0·12	−0·28	−0·54	−0·96	−1·08	−1·14	−1·32	−1·54	−1·70	−1·30	−0·34	+0·44	+0·82	+0·90	+1·10	+1·30	+1·38	+1·16	+0·86	76·20
November 1856	+0·6	+0·2	+0·2	+0·2	+0·1	+0·0	−0·1	−0·5	−0·6	−0·9	−1·1	−1·2	−1·4	−1·9	−1·5	−0·2	+0·3	+0·6	+1·3	+1·1	+1·3	+1·1	+0·7	+0·8	73·4
57	0·6	0·3	0·1	0·0	−0·2	−0·3	0·4	0·5	0·4	0·6	0·7	0·9	1·2	1·5	1·2	0·5	0·1	0·5	0·9	1·4	1·5	1·5	1·4	0·9	71·7
58	0·2	−0·3	−0·4	−0·5	0·5	0·5	0·6	0·5	0·5	0·8	1·0	1·0	1·1	1·2	1·0	0·3	0·4	1·2	1·4	1·4	1·8	1·6	1·2	0·6	74·0
59	0·3	+0·1	0·1	0·1	0·2	0·3	0·4	0·5	0·3	0·5	0·6	1·1	1·3	1·3	1·4	0·5	0·3	1·2	1·2	1·3	1·5	1·5	1·0	0·8	74·5
60	0·4	0·3	+0·2	+0·3	+0·2	0·1	0·3	0·3	0·4	0·8	1·1	1·3	1·5	1·8	1·5	0·5	0·7	1·1	1·3	1·0	0·8	1·1	0·7	0·6	71·0
Means...	+0·42	+0·12	0·00	−0·02	−0·12	−0·24	−0·36	−0·46	−0·44	−0·72	−0·90	−1·10	−1·30	−1·54	−1·32	−0·40	+0·36	+0·62	+1·22	+1·24	+1·38	+1·36	+1·00	+0·74	72·92
December 1856	+0·2	0·0	0·0	0·0	−0·2	−0·2	−0·3	−0·2	−0·3	−0·5	−0·6	−0·6	−0·7	−0·9	−1·1	−0·5	+0·3	+0·6	+1·1	+1·2	+1·0	+0·8	+1·0	+0·7	70·9
57	0·8	+0·4	+0·1	0·0	0·2	0·3	0·4	0·6	0·8	0·9	1·0	1·0	1·0	1·2	1·5	0·7	0·2	1·0	1·2	1·2	1·3	1·1	1·2	1·0	68·4
58	0·5	0·2	0·2	+0·1	0·0	0·0	0·1	0·2	0·5	0·8	1·0	1·1	1·3	1·5	1·5	0·5	0·3	1·0	1·1	1·1	1·6	1·3	1·0	0·6	69·2
59	0·7	0·4	0·3	0·2	0·0	0·0	0·2	0·4	0·5	0·8	1·0	1·1	1·2	1·5	1·6	0·4	0·5	0·8	1·3	1·3	1·3	1·1	0·9	0·6	71·6
60	0·6	0·2	0·0	−0·3	0·1	0·2	0·3	0·4	0·4	0·7	0·9	1·1	1·4	1·6	1·5	+0·5	0·7	1·1	1·4	1·3	1·1	0·8	1·0	0·8	70·3
Means...	+0·56	+0·24	+0·12	0·00	−0·10	−0·14	−0·20	−0·36	−0·50	−0·74	−0·90	−0·98	−1·12	−1·34	−1·44	−0·32	+0·40	+0·90	+1·22	+1·22	+1·26	+1·02	+1·02	+0·74	70·08
Mean of 5 Years...	+1·22	+0·89	+0·58	+0·41	+0·23	+0·06	−0·15	−0·41	−0·74	−1·05	−1·33	−1·57	−1·87	−2·19	−1·87	−0·76	+0·07	+0·57	+0·89	+1·19	+1·42	+1·51	+1·54	+1·43	75·21

WET BULB THERMOMETER

Mean Hourly Variations from the General Monthly Means arranged by the Months for 20 years

Göttingen Mean Time	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	13	20	21	22	23	General Monthly Means	
Madras Mean Time	h. m. 4.41	5.41	6.41	7.41	8.41	9.41	10.41	11.41	12.41	13.41	14.41	15.41	16.41	17.41	18.41	19.41	20.41	21.41	22.41	23.41	0.41	1.41	2.41	3.41	Uncorrected	Reduced to Kew Standard
Jan. 1842-45	+ 0·57	+ 0·12	+ 0·07	+ 0·00	− 0·17	− 0·30	− 0·45	− 0·70	− 0·90	− 1·17	− 1·37	− 1·53	− 1·70	− 1·81	− 1·82	− 0·12	+ 1·03	+ 1·47	+ 1·43	+ 1·52	+ 1·70	+ 1·70	+ 1·32	+ 1·00	71·30	70·03
46-50	0·98	0·51	0·32	0·18	+ 0·06	0·12	0·40	0·60	0·86	1·10	1·30	1·60	1·92	2·22	2·22	0·74	0·76	1·24	1·40	1·56	1·62	1·54	1·38	1·28	69·88	68·58
51-55	1·04	0·76	0·36	0·26	0·08	0·16	0·42	0·68	1·08	1·24	1·50	1·68	1·90	2·18	2·22	0·90	0·64	1·26	1·48	1·68	1·74	1·78	1·60	1·42	71·18	69·88
56-61	1·13	0·68	0·30	0·05	− 0·20	0·40	0·57	0·07	1·03	1·30	1·52	1·77	2·08	2·38	2·52	0·92	0·73	1·52	1·78	2·05	2·00	2·00	1·78	1·55	69·53	69·53
Mean for 20 years...	+ 0·93	+ 0·52	+ 0·26	+ 0·12	− 0·06	− 0·25	− 0·46	− 0·74	− 0·97	− 1·20	− 1·42	− 1·65	− 1·90	− 2·15	− 2·20	− 0·67	+ 0·79	+ 1·37	+ 1·52	+ 1·70	+ 1·77	+ 1·76	+ 1·52	+ 1·31		69·51
Feb. 1842-45	+ 0·98	+ 0·60	+ 0·35	+ 0·12	+ 0·10	− 0·12	− 0·35	− 0·62	− 1·00	− 1·45	− 1·82	− 2·05	− 2·35	− 2·60	− 2·37	+ 0·15	+ 1·40	+ 1·52	+ 1·60	+ 1·90	+ 1·72	+ 1·62	+ 1·40	+ 1·27	72·02	70·78
46-50	1·00	0·60	0·30	0·14	− 0·02	0·16	0·28	0·50	0·78	1·10	1·44	1·70	1·94	2·26	2·22	− 0·52	0·82	1·18	1·28	1·44	1·62	1·64	1·54	1·40	72·10	70·85
51-55	1·64	1·20	0·70	0·46	+ 0·16	0·10	0·44	0·82	1·26	1·58	1·92	2·26	2·60	2·92	3·04	1·00	0·66	1·16	1·40	1·78	2·04	2·06	2·10	1·90	71·74	70·50
56-61	1·98	1·50	1·05	0·65	0·28	0·05	0·45	0·90	1·38	1·83	2·22	2·62	2·98	3·38	3·25	1·20	0·53	1·43	1·62	2·10	2·33	2·42	2·42	2·32	71·60	71·60
Mean for 20 years...	+ 1·40	+ 0·98	+ 0·60	+ 0·34	+ 0·13	− 0·11	− 0·38	− 0·71	− 1·11	− 1·49	− 1·85	− 2·16	− 2·47	− 2·79	− 2·72	− 0·64	+ 0·85	+ 1·32	+ 1·48	+ 1·81	+ 1·93	+ 1·94	+ 1·87	+ 1·72		70·93
Mar. 1841-45	+ 0·64	+ 0·28	+ 0·02	+ 0·00	− 0·08	− 0·10	− 0·22	− 0·44	− 0·50	− 0·88	− 1·28	− 1·66	− 1·96	− 2·22	− 1·64	+ 0·20	+ 0·74	+ 0·82	+ 1·20	+ 1·50	+ 1·50	+ 1·50	+ 1·28	+ 1·08	75·96	74·71
46-50	1·30	0·84	0·66	0·46	+ 0·30	0·04	0·28	0·60	1·06	1·56	2·04	2·46	2·68	2·98	2·32	− 0·12	0·94	1·14	1·50	1·80	2·00	1·96	1·76	1·58	74·70	73·47
51-55	1·46	1·04	0·54	0·28	0·14	0·12	0·32	0·74	1·06	1·40	1·82	2·22	2·70	2·98	2·48	0·46	0·84	1·10	1·42	1·78	2·02	2·10	2·00	1·86	75·78	74·54
56-60	1·52	1·00	0·48	0·22	0·06	0·08	0·28	0·56	1·14	1·58	1·96	2·26	2·60	2·94	2·48	0·38	0·82	1·12	1·58	1·90	2·04	1·98	1·94	1·88	75·12	75·12
Mean for 20 years...	+ 1·23	+ 0·79	+ 0·43	+ 0·24	+ 0·10	− 0·08	− 0·27	− 0·59	− 0·94	− 1·35	− 1·77	− 2·15	− 2·48	− 2·78	− 2·23	− 0·17	+ 0·84	+ 1·04	+ 1·42	+ 1·74	+ 1·89	+ 1·88	+ 1·74	+ 1·60		74·46
Apl. 1841-45	+ 0·68	+ 0·48	+ 0·28	+ 0·20	+ 0·16	+ 0·04	− 0·06	− 0·26	− 0·48	− 0·82	− 1·12	− 1·44	− 1·58	− 1·72	− 0·76	+ 0·08	+ 0·04	+ 0·28	+ 0·70	+ 1·12	+ 1·22	+ 1·08	+ 0·86	+ 0·90	79·40	78·08
46-50	0·84	0·46	0·16	0·14	0·10	0·14	+ 0·06	+ 0·10	0·42	0·78	1·22	1·60	2·00	2·14	1·30	− 0·18	0·18	0·28	0·68	1·04	1·16	1·26	1·18	1·14	78·76	77·45
51-55	1·06	0·66	0·16	0·04	− 0·08	− 0·20	− 0·32	− 0·60	0·80	1·12	1·42	1·62	1·80	2·04	1·16	0·02	0·42	0·80	1·14	1·54	1·60	1·48	1·44	1·26	79·38	78·08
56-60	0·98	0·66	0·18	0·04	0·18	0·18	0·30	0·56	0·82	1·10	1·36	1·60	1·90	2·22	1·22	0·06	0·38	0·72	1·18	1·52	1·64	1·52	1·44	1·26	78·52	78·52
Mean for 20 years...	+ 0·89	+ 0·57	+ 0·20	+ 0·11	− 0·00	− 0·05	− 0·16	− 0·33	− 0·63	− 0·96	− 1·28	− 1·57	− 1·82	− 2·03	− 1·11	− 0·05	+ 0·26	+ 0·52	+ 0·93	+ 1·31	+ 1·41	+ 1·34	+ 1·23	+ 1·14		78·03
May. 1841-45	+ 1·04	+ 0·96	+ 0·90	+ 1·00	+ 0·92	+ 0·74	+ 0·56	+ 0·16	− 0·52	− 1·00	− 1·30	− 1·52	− 1·78	− 1·98	− 1·42	− 1·00	− 0·80	− 0·24	+ 0·20	+ 0·60	+ 0·94	+ 1·12	+ 1·20	+ 1·20	79·42	78·10
46-50	1·16	0·90	0·72	0·68	0·54	0·20	0·08	− 0·24	0·60	0·94	1·22	1·66	1·98	2·24	1·34	0·74	0·38	+ 0·06	0·46	0·86	1·24	1·28	1·30	1·16	79·42	78·10
51-55	1·16	0·90	0·64	0·42	0·52	0·48	0·28	+ 0·02	0·38	0·78	1·16	1·52	1·94	2·20	1·54	0·76	0·56	− 0·24	0·24	0·62	1·10	1·32	1·40	1·30	80·24	78·89
56-60	1·44	1·16	0·84	0·68	0·42	0·26	− 0·02	− 0·34	0·80	1·18	1·46	1·64	1·96	2·24	1·56	0·08	0·36	+ 0·22	0·62	1·02	1·36	1·52	1·64	1·58	78·88	78·88
Mean for 20 years...	+ 1·20	+ 0·98	+ 0·77	+ 0·69	+ 0·60	+ 0·42	+ 0·22	− 0·10	− 0·57	− 0·97	− 1·28	− 1·58	− 1·91	− 2·16	− 1·46	− 0·87	− 0·53	− 0·05	+ 0·38	+ 0·77	+ 1·16	+ 1·31	+ 1·38	+ 1·31		78·49
June 1841-45	+ 1·42	+ 1·30	+ 1·28	+ 1·18	+ 1·10	+ 0·82	+ 0·42	− 0·02	− 0·64	− 1·18	− 1·52	− 1·94	− 2·38	− 2·60	− 1·72	− 1·08	− 0·64	− 0·08	+ 0·24	+ 0·66	+ 1·06	+ 1·26	+ 1·36	+ 1·46	78·22	76·93
46-50	1·48	1·30	1·22	1·28	1·20	0·94	0·70	+ 0·28	0·30	0·96	1·42	1·78	2·08	2·32	1·78	1·18	0·84	0·40	− 0·08	0·44	0·70	0·94	1·24	1·40	77·46	76·17
51-55	1·38	1·28	1·18	1·24	1·30	0·95	0·66	0·42	0·06	0·74	1·18	1·54	1·92	2·42	2·00	1·30	0·72	0·44	0·20	0·30	0·54	0·88	1·14	1·18	78·82	77·51
56-60	1·52	1·28	1·04	0·94	0·76	0·46	0·30	− 0·06	0·64	0·86	1·18	1·62	1·96	2·36	1·90	1·02	0·46	0·14	+ 0·16	0·56	0·94	1·24	1·52	1·66	77·94	77·94
Mean for 20 years...	+ 1·45	+ 1·29	+ 1·18	+ 1·16	+ 1·09	+ 0·79	+ 0·52	+ 0·16	− 0·41	− 0·93	− 1·32	− 1·72	− 2·08	− 2·42	− 1·85	− 1·14	− 0·66	− 0·26	+ 0·03	+ 0·49	+ 0·81	+ 1·08	+ 1·31	+ 1·42		77·14
July. 1841-45	+ 1·30	+ 1·32	+ 1·16	+ 1·24	+ 1·10	+ 1·00	+ 0·56	+ 0·04	− 0·54	− 0·90	− 1·26	− 1·72	− 2·10	− 2·38	− 1·90	− 1·22	− 0·78	− 0·26	+ 0·14	+ 0·66	+ 1·02	+ 1·06	+ 1·10	+ 1·24	77·12	75·83
46-50	1·50	1·24	1·04	0·92	0·74	0·50	0·32	0·00	0·22	0·68	1·04	1·68	2·06	2·30	1·90	1·12	0·68	0·28	0·06	0·52	0·92	1·00	1·52	1·50	77·32	76·02
51-55	1·40	1·30	1·14	0·96	0·64	0·36	0·10	− 0·22	0·54	0·82	1·12	1·32	1·54	2·12	1·90	1·24	0·64	0·32	0·04	0·44	0·90	1·26	1·42	1·56	78·20	76·90
56-60	1·58	1·36	0·92	0·88	0·66	0·26	0·02	0·22	0·52	0·84	1·14	1·48	1·80	2·26	1·92	1·20	0·60	0·10	0·34	0·66	1·06	1·36	1·62	1·66	77·24	77·24
Mean for 20 years...	+ 1·44	+ 1·30	+ 1·06	+ 1·00	+ 0·79	+ 0·53	+ 0·25	− 0·10	− 0·45	− 0·81	− 1·14	− 1·55	− 1·87	− 2·26	− 1·90	− 1·19	− 0·67	− 0·24	+ 0·14	+ 0·57	+ 0·97	+ 1·17	+ 1·43	+ 1·49	...	76·50
Aug. 1841-45	+ 0·96	+ 0·94	+ 0·94	+ 1·02	+ 0·94	+ 0·76	+ 0·50	+ 0·08	− 0·30	− 0·64	− 0·94	− 1·24	− 1·62	− 2·04	− 1·66	− 0·92	− 0·52	− 0·10	+ 0·20	+ 0·42	+ 0·72	+ 0·86	+ 0·82	+ 0·94	77·28	75·99
46-50	1·26	1·22	0·94	0·80	0·60	0·56	0·26	− 0·02	0·52	0·82	1·18	1·54	1·86	2·12	1·76	0·96	0·42	0·06	0·32	0·72	1·00	1·26	1·42	1·34	77·62	76·32
51-55	1·88	1·78	1·06	0·92	0·54	0·26	0·02	0·20	0·50	0·86	1·18	1·44	1·74	2·12	1·98	1·32	0·90	0·40	0·06	0·64	0·92	1·46	1·72	1·78	78·14	76·84
56-60	1·62	1·34	1·00	0·76	0·46	0·40	0·14	0·04	0·40	0·86	1·10	1·42	1·74	2·18	1·90	1·10	0·70	0·20	0·08	0·46	0·98	1·38	1·68	1·70	77·34	77·34
Mean for 20 years...	+ 1·43	+ 1·32	+ 0·98	+ 0·87	+ 0·63	+ 0·49	+ 0·23	− 0·04	− 0·43	− 0·79	− 1·10	− 1·41	− 1·74	− 2·11	− 1·82	− 1·07	− 0·63	− 0·20	+ 0·16	+ 0·56	+ 0·90	+ 1·24	+ 1·41	+ 1·44		76·62
Sep. 1841-45	+ 0·82	+ 0·66	+ 0·54	+ 0·60	+ 0·62	+ 0·30	+ 0·08	− 0·18	− 0·46	− 0·80	− 1·10	− 1·50	− 1·88	− 2·04	− 1·48	− 0·70	− 0·10	+ 0·44	+ 0·68	+ 1·00	+ 1·24	+ 1·24	+ 1·10	+ 0·94	77·06	76·36
46-50	1·06	0·96	0·90	0·94	0·90	0·60	0·32	+ 0·06	0·12	0·66	1·00	1·38	1·78	2·12	1·90	1·30	0·70	− 0·24	0·18	0·50	0·86	1·06	1·16	1·16	76·98	75·69
51-55	0·98	0·90	0·68	0·64	0·48	0·50	0·38	0·24	0·04	0·36	0·70	1·12	1·52	1·90	1·66	1·00	0·46	0·04	0·22	0·46	0·76	0·96	1·14	1·18	78·52	77·22
56-60	1·10	0·92	0·76	0·58	0·54	0·44	0·22	0·08	0·30	0·50	0·80	1·08	1·42	1·76	1·68	1·16	0·74	0·34	− 0·04	0·44	0·78	0·98	1·26	1·26	77·18	77·18
Maan for 20 years...	+ 0·99	+ 0·86	+ 0·73	+ 0·69	+ 0·64	+ 0·46	+ 0·25	+ 0·05	− 0·23	− 0·58	− 0·90	− 1·27	− 1·65	− 1·95	− 1·68	− 1·04	− 0·50	− 0·04	+ 0·26	+ 0·60	+ 0·91	+ 1·06	+ 1·16	+ 1·13		76·61
Oct. 1841-45	+ 0·48	+ 0·28	+ 0·28	+ 0·28	+ 0·20	+ 0·22	− 0·06	− 0·18	− 0·50	− 0·82	− 1·18	− 1·40	− 1·64	− 1·80	− 1·06	− 0·04	+ 0·54	+ 0·82	+ 0·97	+ 1·02	+ 1·08	+ 0·92	+ 0·84	+ 0·72	76·84	75·56
46-50	0·58	0·20	0·10	0·10	0·14	0·06	0·14	0·34	0·66	0·94	1·20	1·28	1·54	1·78	1·26	0·22	0·42	0·82	1·00	1·02	1·16	1·24	1·08	0·94	76·98	75·68
51-55	0·92	0·64	0·38	0·22	0·08	− 0·14	0·34	0·58	0·84	1·04	1·22	1·36	1·54	1·60	1·32	0·50	0·12	0·68	0·90	1·24	1·44	1·38	1·32	1·10	77·54	76·24
56-60	0·80	0·46	0·32	0·18	0·16	0·12	0·28	0·54	0·96	1·08	1·14	1·32	1·54	1·70	1·30	0·34	0·44	0·82	0·90	1·10	1·30	1·38	1·16	0·86	76·20	76·20
Mean for 20 years...	+ 0·69	+ 0·41	+ 0·28	+ 0·21	+ 0·14	+ 0·01	− 0·21	− 0·41	− 0·74	− 0·97	− 1·18	− 1·34	− 1·56	− 1·72	− 1·24	− 0·28	+ 0·38	+ 0·78	+ 0·96	+ 1·09	+ 1·24	+ 1·23	+ 1·10	+ 0·90		75·92
Nov. 1841-45	+ 0·24	− 0·08	+ 0·06	− 0·04	− 0·06	− 0·16	− 0·30	− 0·36	− 0·56	− 0·72	− 0·92	− 1·14	− 1·44	− 1·72	− 1·30	+ 0·14	+ 0·98	+ 1·36	+ 1·34	+ 1·26	+ 1·18	+ 1·10	+ 0·72	+ 0·44	72·70	71·42
46-50	0·52	+ 0·26	0·14	+ 0·12	+ 0·10	0·00	0·12	0·20	0·42	0·64	0·86	1·04	1·24	1·48	1·26	− 0·28	0·46	0·82	0·96	1·10	1·16	1·02	0·92	0·62	73·90	72·62
51-55	0·70	0·34	0·04	− 0·12	− 0·26	0·34	0·46	0·56	0·68	0·88	1·02	1·20	1·40	1·52	1·14	0·22	0·54	0·80	1·10	1·32	1·42	1·26	1·08	0·96	74·44	73·19
56-60	0·42	0·12	0·00	0·02	0·12	0·24	0·36	0·46	0·44	0·72	0·90	1·10	1·30	1·54	1·32	0·40	0·36	0·92	1·22	1·24	1·38	1·36	1·00	0·74	72·92	72·92
Mean for 20 years...	+ 0·47	+ 0·16	+ 0·06	− 0·01	− 0·08	− 0·18	− 0·31	− 0·39	− 0·52	− 0·74	− 0·92	− 1·12	− 1·34	− 1·56	− 1·25	− 0·19	+ 0·58	+ 0·99	+ 1·15	+ 1·23	+ 1·29	+ 1·18	+ 0·93	+ 0·69		72·54
Dec. 1841-45	+ 0·26	+ 0·06	+ 0·06	+ 0·06	+ 0·02	− 0·04	− 0·22	− 0·40	− 0·64	− 0·76	− 0·94	− 1·16	− 1·38	− 1·52	− 1·48	− 0·22	+ 0·64	+ 1·18	+ 1·30	+ 1·32	+ 1·16	+ 1·04	+ 0·92	+ 0·58	71·88	70·61
46-50	0·48	0·18	0·12	0·04	− 0·02	0·04	0·24	0·44	0·56	0·74	0·90	1·14	1·30	1·60	1·38	0·42	0·44	0·94	1·06	1·10	1·16	1·00	0·94	0·80	71·48	70·25
51-55	0·76	0·42	0·12	0·00	0·20	0·30	0·46	0·02	0·70	0·84	1·08	1·34	1·60	1·84	1·70	0·52	0·60	1·26	1·44	1·54	1·38	1·36	1·14	0·92	71·26	70·01
56-60	0·56	0·24	0·12	0·00	0·10	0·14	0·26	0·36	0·50	0·74	0·90	0·98	1·12	1·34	1·44	0·32	0·40	0·90	1·22	1·22	1·26	1·02	1·02	0·74	70·08	70·08
Mean for 20 years...	+ 0·51	+ 0·22	+ 0·10	+ 0·03	− 0·07	− 0·13	− 0·29	− 0·45	− 0·60	− 0·77	− 0·95	− 1·15	− 1·35	− 1·57	− 1·50	− 0·37	+ 0·57	+ 1·07	+ 1·25	+ 1·29	+ 1·24	+ 1·10	+ 1·00	+ 0·76		70·24
Yearly mean of 20 years.	+ 1·05	+ 0·78	+ 0·55	+ 0·45	+ 0·33	+ 0·16	− 0·05	− 0·30	− 0·63	− 0·96	− 1·26	− 1·50	− 1·85	− 2·13	− 1·75	− 0·64	+ 0·11	+ 0·52	+ 0·81	+ 1·10	+ 1·29	+ 1·36	+ 1·34	+ 1·24		74·75

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