TRANSACTIONS

OF THE

ROYAL SOCIETY

OF

EDINBURGH.

VOL. XLII.

THE BEN NEVIS OBSERVATIONS
1888-1892

EDITED BY

ALEXANDER BUCHAN, LL.D., F.R.S., AND
ROBERT TRAILL OMOND.

BRITISH MUSEUM NATURAL HISTORY

EDINBURGH:
PUBLISHED BY ROBERT GRANT & SON, 107 PRINCES STREET,
AND WILLIAMS & NORGATE, 14 HENRIETTA STREET, COVENT GARDEN, LONDON.

MDCCCCII

Price Two Guineas

Vol. 40, Parts 2 to 4, and Vol. 41 of the Transactions have not yet been published.

S. 4. C. 43.

TRANSACTIONS

OF THE

ROYAL SOCIETY

OF

EDINBURGH.

VOL. XLII.

BRITISH MUSEUM
NATURAL HISTORY

EDINBURGH:
PUBLISHED BY ROBERT GRANT & SON, 107 PRINCES STREET,
AND WILLIAMS & NORGATE, 14 HENRIETTA STREET, COVENT GARDEN, LONDON.

MDCCCCII.

S. 4. C. 43.

THE

METEOROLOGY

OF THE

BEN NEVIS OBSERVATORIES.

PART II.

CONTAINING THE OBSERVATIONS FOR THE YEARS
1888, 1889, 1890, 1891 AND 1892, WITH APPENDICES.

EDITED BY
ALEXANDER BUCHAN, LL.D., F.R.S., AND
ROBERT TRAILL OMOND.

FORMING VOLUME XLII. OF
THE TRANSACTIONS OF THE ROYAL SOCIETY OF EDINBURGH.

BRITISH MUSEUM

EDINBURGH:
PUBLISHED BY ROBERT GRANT & SON, 107 PRINCES STREET,
AND WILLIAMS & NORGATE, 14 HENRIETTA STREET, COVENT GARDEN, LONDON.

MDCCCCII.

PREFACE.

The hourly observations made at the Ben Nevis Observatory, and those taken five times a day at the Public School, Fort-William, from 1st December 1883 to 31st December 1887, have already been published in vol. xxxiv. of the *Transactions of the Royal Society of Edinburgh.* This second volume of observations, being vol. xlii. of the *Transactions of the Royal Society of Edinburgh*, continues the record till the end

[*From G. W. Wilson's Series.*

Fig. 1.—The Ben Nevis Observatory in Summer.

of 1892, and includes the hourly observations made at the Observatory in Fort-William, which was opened in July 1890. The cost of printing these volumes is being borne by the Royal Societies of London and Edinburgh.

A full account of the foundation of the Ben Nevis Observatory was given in the former volume. Since its publication in 1890, the work at that Observatory has been

carried on in the same manner as is there described, hourly eye observations being made by day and night. A description of the mode of observing for each instrument

FIG. 2.—THE BEN NEVIS OBSERVATORY IN WINTER.

[*From Poulton's Series.*

FIG. 3.—THE GREAT CLIFF ON BEN NEVIS.

will be found in the Introduction (p. 1 *et seq.*); but it may be here stated that the chief difficulties that the observers have to overcome, are the deposition of ice crystals from

frozen fogs, and the great depth of snow on the summit in winter. The ice crystals deposited by the fog prevent the use of any self-registering instruments, except inside the Observatory, or outside in fine weather; and in the latter case only if the instrument be sufficiently portable to be taken in when fog comes on, when the temperature is below freezing.

Thus all records of temperature during winter on Ben Nevis are dependent on personal observation; and the method in use of hourly readings of thermometers in a louvred screen, that can be at once removed when the louvres get choked, and replaced by a duplicate outfit, is, in the opinion of the Directors, the only satisfactory way yet devised of obtaining such a record. The screens are mounted on ladder-like stands, up

Fig. 4.—the fort-william observatory.

and down which they are moved as the depth of the snow requires. These stands are shown in figs. 5 and 6. In the former they are coated with a moderate growth of fog crystals, except where these have been scraped away to keep the screen clear; but in the latter, one of the two stands is entirely cleared, and the other covered with mingled snow and ice, due to rain falling while the temperature is below freezing; to the left of the picture are the Observatory buildings, also covered with the icy crust, except the chimney to the extreme left and the top of the lightning conductor on the tower. These stands are about 12 feet high, but frequently need to have an additional piece added to them before the winter is over, so as to keep the screen at the proper height above the surface of the snow. The depth

of snow on the summit ranges from nothing in summer to occasionally as much as 12 feet by the end of winter, and the aspect of the Observatory at the two seasons is well seen in figs. 1 and 2. In the latter the raised piece in front is not a part of the building, but is the end of a snow tunnel leading down to the doorway on the ground level.

On the top of the tower of the Observatory are placed a wind vane and a Robinson hemispherical cup anemometer (see fig. 1.) The former works fairly well, but the Robinson anemometer is useless in winter. The cups and arms get so encrusted with fog-crystals, and the bearings of the shaft so clogged with ice, as to make its readings quite untrustworthy.

FIG. 5.—THE INSTRUMENT STANDS AT BEN NEVIS OBSERVATORY.

For a record of the wind on Ben Nevis, as of the temperature, we are dependent on the hourly observations made by the observers, and great care has been taken to insure uniformity in the estimation of the direction and force of the wind by the different members of the staff.

The Observatory in Fort-William was opened in July 1890. The building was erected by the Directors, the expense being met by a donation of £957, 11s. 2d. from the surplus funds of the Edinburgh International Exhibition of 1886, and by a mortgage on the building. This Observatory was equipped with self-recording instruments by the Meteorological Council of London, which give continuous records of pressure, dry and wet bulb temperature, rainfall and sunshine. A brief description of the method of

utilising these instruments and reducing their indications to numerical values will be found in the Introduction, pp. 5 to 7. The Observatory is also provided with the usual outfit of an ordinary station : namely, barometer ; maximum, minimum, and dry and wet bulb thermometers in a Stevenson screen ; solar and terrestrial radiation thermometers, and a rain gauge. The Fort-William Observatory thus not only supplies the low-level data necessary for the utilisation of the records of the Ben Nevis Observatory either for scientific study or for weather forecasting, but is also one of the "first-class" Observatories of the Meteorological Council, and an ordinary station of the Scottish Meteorological Society.

The two Observatories are conducted by a Board of Directors, which consists of the

Fig. 6.—THE INSTRUMENT STAND AT BEN NEVIS OBSERVATORY.

Council of the Scottish Meteorological Society, with one representative from the Royal Society of London, two from the Royal Society of Edinburgh, and one from the Royal Philosophical Society of Glasgow. A list of the present members of the Board and of the Staff of the Observatories will be found on p. xi. The Staff is appointed to both Observatories, and the members serve on Ben Nevis and at Fort-William by turns, thus providing them with a change from the arduous work of observing on Ben Nevis, and also securing a homogeneity in the double observational record that could not otherwise be obtained.

In the first volume of observations a summary was given of several discussions of the results deduced from them. Since that volume was published, some of these researches

have been extended and others begun and partly carried out. In the Appendix to this volume (p. 447) will be found summaries of several papers that have appeared in the publications of the Royal Society of Edinburgh and the Scottish Meteorological Society, as well as papers specially written for this volume. The subjects treated of in these papers include preliminary discussions of changes connected with Fine and Cloudy Weather, and a report on the observations of Atmospheric Dust, including, in each case, not only the results at the Ben Nevis and Fort-William Observatories, but also observations at other places. There are also several papers on the relations of Barometric Pressure and Temperature at the two Observatories, and the reduction to sea-level of the Ben Nevis barometer readings. This latter subject is one that opens up a most promising investigation as regards the question of the reduction to sea-level of barometric readings in general, the vertical distribution of temperature in different conditions of weather, the influence of humidity, and the bearing of the whole on forecasting. Abstracts of papers on the observations during special phases of weather are also given, and two tables to facilitate the reduction of the observations.

30*th June* 1902.

Fig. 7.—An observer at work.

DIRECTORS OF THE BEN NEVIS OBSERVATORIES.

JUNE 1902.

President.

HIS GRACE THE DUKE OF RICHMOND AND GORDON, K.G.

Vice-President.

THE HON. LORD M'LAREN, LL.D., V.P.R.S.E., F.R.A.S.

Council.

THE HON. JOHN ABERCROMBY, F.R.S.E., Edinburgh.

JOHN AITKEN, LL.D., F.R.SS. L. and E., Ardenlea, Falkirk.

JOHN G. BARTHOLOMEW, Esq., F.R.S.E., F.R.G.S., The Geographical Institute, Edinburgh.

T. MACKAY BERNARD, Esq. of Dunsinnan, B.Sc., F.R.S.E.

ALEX. CRUM BROWN, M.D., D.Sc., LL.D., F.R.C.P.E., F.R.SS. L. and E., Professor of Chemistry in the University of Edinburgh. Representative of the Royal Society of Edinburgh.

J. Y. BUCHANAN, Esq., F.R.SS. L. and E., Chemist and Physicist 'Challenger' Expedition.

GEORGE CHRYSTAL, LL.D., Secretary R.S.E., Professor of Mathematics in the University of Edinburgh. Representative of the Royal Society of Edinburgh.

RALPH COPELAND, Ph.D., V.P.R.S.E., F.R.A.S., Astronomer-Royal for Scotland, and Professor of Practical Astronomy in the University of Edinburgh.

SIR ARCHIBALD GEIKIE, LL.D., D.Sc., F.R.SS. L. and E., F.G.S., late Director-General of the Geological Survey of the United Kingdom.

JAMES GEIKIE, LL.D., D.C.L., F.R.S., V.P.R.S.E., F.G.S., Professor of Geology in the University of Edinburgh.

THE RIGHT HON. LORD KELVIN, G.C.V., LL.D., D.C.L., F.R.S., Pres. R.S.E., Emeritus Professor of Natural Philosophy in the University of Glasgow. Representative of the Royal Society of London.

C. G. KNOTT, D.Sc., F.R.S.E., Lecturer on Applied Mathematics in the University of Edinburgh; Professor of Physics (1883-1891) in the Imperial University of Japan.

JOHN G. M'KENDRICK, M.D., LL.D., F.R.C.P.E., F.R.SS. L. and E., Professor of Physiology in the University of Glasgow.

SIR JAMES D. MARWICK, LL.D., F.R.S.E., Town Clerk, Glasgow.

SIR JOHN MURRAY, K.C.B., LL.D., F.R.SS. L. and E., Director of the 'Challenger' Expedition Commission, Edinburgh.

R. T. OMOND, Esq., F.R.S.E., Honorary Superintendent Ben Nevis Observatories.

DAVID PAULIN, Esq., Actuary, F.R.S.E., Edinburgh.

J. B. RUSSELL, M.D., Local Government Board, Edinburgh.

GILBERT THOMSON, Esq., M.A., C.E., Representative of the Royal Philosophical Society of Glasgow.

Honorary Secretary.

SIR ARTHUR MITCHELL, K.C.B., M.D., LL.D., V.P.R.S.E., Edinburgh.

Honorary Treasurer.

W. B. WILSON, Esq., W.S., Edinburgh.

Meteorological Secretary.

ALEXANDER BUCHAN, LL.D., F.R.SS. L. and E., Edinburgh.

STAFF OF THE BEN NEVIS OBSERVATORIES.

ANGUS RANKIN, Superintendent.
JAMES MILLER, Assistant.
ROBERT H. MACDOUGALL, Assistant.
J. COLLIE MARR, Assistant.
WILLIAM BEE, ,,
D. E. GORDON, ,,

CONTENTS.

PAGE

Introduction, ... 1

Observations for the Year 1888, ... 9

" " 1889, ... 79

" " 1890, ... 145

" " 1891, ... 228

" " 1892, ... 324

Depth of Snow on Ben Nevis, ... 419

Anemometer Readings, ... 420

Mean Hourly Values at the Ben Nevis and Fort-William Observatories, ... 433

APPENDIX—

Diurnal Range of the Barometer in Fine and Cloudy Weather. By A. Buchan, LL.D., F.R.S., and R. T. Omond, ... 448

Abstract of Paper on the Meteorology of Ben Nevis in Clear and in Foggy Weather. By J. Y. Buchanan, F.R.S., ... 465

Report on Atmospheric Dust. By John Aitken, LL.D., F.R.S., ... 479

The Influence of High Winds on the Barometer at the Ben Nevis Observatory. By Alex. Buchan, LL.D., F.R.S., ... 490

Relations of Pressure and Temperature at the Ben Nevis Observatories. By Alex. Buchan, LL.D., F.R.S., ... 496

Abstract of Paper on the Winds of Ben Nevis. By R. T. Omond and A. Rankin, . . . 499

Abstract of Paper on the Change of Temperature with Height during Anti-Cyclones on Ben Nevis and at some Continental Stations. By R. T. Omond, ... 506

Differences between the Ben Nevis and Fort-William Barometers when both are reduced to Sea-level. By R. T. Omond, ... 513

Hourly Readings of a Black Bulb *in vacuo* at Ben Nevis Observatory. By R. T. Omond, . . 519

PAGE

The Number of Gales observed at the Ben Nevis Observatory. By Angus Rankin, . . . 523

Abstract of Paper on Silver Thaw at the Ben Nevis Observatory. By R. C. Mossman, . . 525

Abstract of Paper on the Diurnal Range of Temperature Variability at the Summit and Base of Ben Nevis, Lady Franklin Bay and Hong Kong. By R. C. Mossman, ... 528

Abstract of Paper on the Frost of 1895 in Scotland. By R. C. Mossman, ... 532

Abstract of Paper on Further Results of Mr Wragge's Ben Nevis Observations taken in the Year 1882. By R. C. Mossman, ... 535

Abstract of Paper on a Comparison of Observations made at the Observatory and at the Public School, Fort-William. By R. T. Omond, ... 537

The Temperature Correction of Barometers. By R. T. Omond, ... 541

The Adjustment of Mean Hourly Values for Diurnal Range, ... 543

The Reduction of the Ben Nevis Barometer to Sea-Level, ... 546

INTRODUCTION.

The meteorological observations made at the Ben Nevis Observatory and at the Public School, Fort-William, from the opening of the Observatory in 1883 to the end of 1887, have already been published in the *Transactions of the Royal Society of Edinburgh*, Vol. xxxiv., along with a preliminary discussion of some of the results deduced from them. The observations recorded in this volume comprise those made at the Ben Nevis Observatory from 1st January 1888 to 31st December 1892, at the Public School, Fort-William, from 1st January 1888 to 31st December 1890, and at the Fort-William Observatory from 1st August 1890 to 31st December 1892. They are given in monthly tables for each Station.

The tables for 1888 consist of (1st) the Ben Nevis Observatory records of the hourly readings of Barometer, Dry and Wet Bulb Thermometers, Rainfall, Sunshine, Direction and Force of Wind and Amount of Cloud; (2nd) the observations at the Public School, Fort-William, of similar data made five times a day; (3rd) monthly and annual mean hourly values of the Barometer, Temperature, Wind and Sunshine at Ben Nevis Observatory; (4th) the Ben Nevis Observatory Log-Book for the year. The tables for 1889 are similar to those for 1888. The tables for 1890 of the Ben Nevis Observatory are similar up to 31st July, but from 1st August to 31st December the Fort-William Observatory hourly records are printed side by side with those of the Ben Nevis Observatory; the readings at the Public School, Fort-William, the monthly and annual means and the Log-Book being given as before. The tables for 1891 consist of the hourly records of the Barometer, Dry and Wet Bulb Thermometers, Rainfall and Sunshine at the Ben Nevis and Fort-William Observatories placed side by side, followed by tables of Wind and Cloud at Ben Nevis Observatory, of Temperature in a Stevenson Screen, Radiation Temperatures, and Amount of Cloud at Fort-William Observatory, the monthly and annual mean hourly values at the two Observatories, and the Log-Book. The tables for 1892 are similar to those for 1891.

Throughout this volume all times given are Greenwich Mean Time, except in the case of the Sunshine records at Ben Nevis Observatory, which are counted in Greenwich Mean Time up to 31st December 1890 but thereafter in Local Mean Time, and the Sunshine records at Fort-William Observatory, which are in Local Mean Time

throughout. The daily record begins at 1 a.m. and ends at Midnight, the hours being reckoned 1, 2, 3, ... 22, 23, Midnight. In the records of Sunshine and Rainfall the amounts entered under each hour are the totals recorded in the 60 minutes ending with that hour.

The Barometer and Rainfall are recorded in inches, the Temperatures in degrees Fahrenheit, and the Sunshine in hours and decimal parts of an hour. The Wind Force is on a modified Beaufort Scale of 0 to 12, the approximate values of which in miles per hour will be found on page 5. The Amount of Cloud is on the 0 to 10 Scale, the symbol ≡ denoting fog or mist. All interpolated entries are enclosed in square brackets, and are included in computing the daily and hourly means. In the Barometer and Temperature tables of the Ben Nevis and Fort-William Observatories the highest and lowest readings of each month, and in the Rainfall and Sunshine tables the highest only, are printed in bold-faced type.

To save space the first figure of the Barometer entries is omitted. At the Ben Nevis Observatory, where the pressure ranges from 26 to 23 inches, the missing figure is always 2, *e.g.*, 5·212 represents 25·212 inches and 4·753 represents 24·753 inches. At Fort-William Observatory and at the Public School the whole inches range from 31 to 27, and therefore when the figure before the decimal point in the tables is 1 or 0 the missing figure is 3, but when it is 9, 8 or 7 the missing figure is 2, *e.g.*, 0·376 represents 30·376; 9·727 represents 29·727; and 8·618 represents 28·618.

Ben Nevis Observatory.

The hourly values recorded in this volume at the summit of Ben Nevis are all "Eye" observations, except the Sunshine, which is obtained from a Campbell-Stokes Sunshine Recorder.

The Barometer used is a Fortin Standard (No. 1385) suspended in a glazed case inside the Observatory; the case and barometer are supported by hold-fasts fixed in the outer stone wall of the Observatory which do not touch the floor nor the wood lining of the building. The case is only opened at the time of setting the barometer, the temperature of the attached thermometer being read through the glass door before opening it, and this temperature has remained between 55° and 60° by day and night with few exceptions. The instrument is read at each hour, a candle being always used both by day and night in setting it. The tube of the barometer hangs a few inches out from the wall and the observer looking along parallel with the wall adjusts the cistern and vernier while holding the candle on the opposite side of the barometer. This was found to be the most satisfactory way of insuring uniformity of reading both by day and night; the reflection of the candle flame on the mercury of the cistern facilitates

the adjustment of it to the ivory point, and the light shining through the upper part of the tube shows clearly when the vernier has been brought down so as to just touch the convex surface of the mercury that is to form a tangent to it. The cistern of the barometer is 4407 feet above sea level, the height being taken from an Ordnance Benchmark near the Observatory. A spare Fortin Barometer (No. 1252) hangs in a similar case attached to the wall of the Observatory; it was used as the Standard during the greater part of the first year that the Observatory was open, 1st December 1883 to 14th November 1884, but since the latter date the present Standard (No. 1385) has been continuously used. The last inspection of these barometers, in August 1901, showed that they were in good order and the original Kew corrections still necessary and sufficient.

The barometric readings as printed in the tables are corrected for instrumental error and reduced to 32°; as explained above, the first figure of each entry is omitted, and the highest and lowest values for each month put in bold-faced type. The right hand column of each table contains the mean value for each day, mean of the 24 hourly readings, and at the foot is given the mean of each hour for the month.

A Richard Aneroid Barograph is used as a check in the readings of the mercurial barometer, but none of its records are printed.

The Temperatures recorded at Ben Nevis Observatory are got from Dry and Wet Bulb Thermometers in a louvred screen. The thermometers used have degrees etched on the stem, and are mounted in glass scales with the bulbs projecting as least an inch beyond the scale. During the summer months the thermometers are placed in an ordinary Stevenson Screen with their bulbs four feet above the surface of the ground, which in the vicinity of the screen is all broken rock without vegetation. During winter the thermometers are placed in a screen of the Stevenson pattern but of slightly smaller size, which is attached to a ladder-like stand, so that the screen can be raised or lowered as the depth of snow varies, and the thermometers always kept between three and five feet above its surface. As the snow sometimes lies from 10 to 12 feet deep, an adjustment of this sort is absolutely necessary; this pattern of screen is generally in use for about seven months of the year. When the louvres of one of these screens get choked with snow, it is removed bodily and a duplicate screen with fresh thermometers put out, the former one being taken into the Observatory to be thawed and made ready for use again when needed: all cases of such shifting of screens will be found noted in the Log-Book. The thermometers used have all Kew certificates and the readings as printed are corrected for instrumental error. The columns headed Max. and Min. contain the highest and lowest hourly readings of the Dry Bulb for each

day, the highest and lowest in each month being put in bold-faced type. Self-registering Maximum and Minimum thermometers are not used, as their frequent incrustation with ice in winter would vitiate their readings. The record for each month occupies a page, the upper part containing the readings from 1 to 12 hours, with the Max. and Min. for the day at the right hand side, and the lower part the afternoon hours with the daily means: the mean values for the month of each hour are given at the foot of each part.

During very stormy weather, when it would be dangerous to go out to the ordinary screen owing to violent wind and blinding snow drift, the temperature is taken in a screen attached to the wall of the Observatory Tower, the thermometers in which can be read without going outside. Comparisons of this screen with the Stevenson Screen show that when the wind rises to force 9 or more, there is practically no difference between their thermometers at night. But this Tower screen has only been used once or twice each year, and then only for a few hours at a time, since it was erected in August 1890.

The Rainfall at Ben Nevis Observatory is recorded hourly; the gauge is circular, of five inches diameter, and with its rim as nearly as may be one foot above the surface. Two gauges are kept in use; the observer at each hour takes one out with him, places it on a prepared base on the stones in summer, or in a slight concavity of the snow in winter, levels it with a spirit level, and brings in the other gauge, which has been out for an hour, to be thawed if necessary and measured at leisure. These gauges are made with an enlarged rounded base for stability and convenience in levelling. The hourly values are given in the tables to thousandths of an inch. The column at the right hand side of each table gives the total amount for each day; the sum of the twenty-four hourly readings, and the heaviest daily fall in each month, are printed in bold-faced type. At the foot of each table is given the sum total of each hour for the month. All snow, hail, etc., is melted and measured as rain.

Sunshine is recorded at Ben Nevis Observatory by a Campbell-Stokes Recorder of the usual pattern; it is placed on a stone pillar rising from the south side of the roof of the Observatory, and is clear of all obstructions from sunrise to sunset at all seasons of the year. This is the only automatically recording instrument used outside the Ben Nevis Observatory, and its use is only rendered possible by constant attention. It is only put out when the hill top is clear of mist, and has to be examined frequently to see that snow does not lodge on the glass ball or card. After sunset the whole instrument is taken into the Observatory, and usually has to be thawed and dried for some time before the card can be withdrawn from the frame. The cards are set in the frame so as to register the sunshine in hours of mean local

time, and the totals for each hour in hours and decimal parts of an hour are recorded in the tables. The column to the right, headed Amount, contains the total recorded for each day, the greatest daily amount being printed in bold-faced type. The other column to the right, headed Total Possible, contains the hours and fractions of an hour between sunrise and sunset on a level horizon for each day. At the foot is given the sum total of each hour for the month.

Wind.—The direction and force of the wind are noted at each hour, the observer while doing so standing on the flat roof of the Observatory. During summer a Robinson Hemispherical Cup Anemometer is mounted on the top of the Observatory Tower; it is connected by a shaft to a counter inside the top room of the tower, where the number of revolutions is read off hourly. From the velocities so obtained the average equivalent in miles per hour of the scale of wind-force used in the direct observation of the wind has been computed: it is as follows—

Wind Force	0	1	2	3	4	5	6	7	8	9	10	11	12
Miles per hour	0	6	12	21	30	39	49	60	72	(84)	(97)	(112)	(130)

The values for Force 9 and upwards must be regarded as rough approximations only.

In the printed tables the direction of the wind to 16 points and the force on the above scale are entered. Each month occupies a page, the upper part containing the entries for 1 to 12 hours, with on the right a column headed Max. giving the highest wind-force observed in each day; the lower part gives the afternoon values and the daily means of the wind-force. At the foot of each part are given the hourly mean values of the force, and at the bottom of the page the total number of observations of each direction of wind during the month. Near the end of the volume (p. 420) will be found tables of the mileage recorded by the anemometer during such times as it was working.

Cloud.—The Species and Amount, on the scale 0 to 10, of cloud at Ben Nevis Observatory are noted at each hour by the observer. In the tables as printed the amount only is given; 0 indicates that the sky is clear from 30° above the horizon upwards, and 10 that it is overcast. When the summit is covered with fog or mist so that the sky cannot be seen the symbol ≡ is used, and this is reckoned as 10 in computing the averages for the day and month. The right hand column in each month contains the mean for the day, and at the foot the mean value for each hour is given.

Fort-William Observatory.

The Observatory in Fort-William, which was equipped by the Meteorological Council as one of the Council's Observatories, was opened in 1890, and from 1st August of that

year onwards the records are printed here. Eye observations are taken seven times a day, and hourly values are obtained for the Barometric Pressure, Dry and Wet Bulb Temperature, Rainfall and Sunshine from self-recording instruments. These hourly values are printed side by side with the corresponding data from Ben Nevis Observatory: on subsequent pages in each year will be found the Eye readings of temperature and amount of cloud.

Barometer.—In the photographic barograph from which the hourly values are obtained an image of the top of the mercury column is focussed in a drum covered with sensitised paper. The drum is turned by a clock, which also interposes a screen every two hours for a few minutes, thus marking the time by making a gap in the photographic trace. Intermediate times can then be measured on the curve from these gaps by a scale. The trace when developed is placed in a frame and measured by a scale fitted with a vernier reading to thousandths of an inch. The barograph has a temperature compensation which corrects for changes in the temperature of the mercury column. The instrumental correction of the trace is determined for each day by readings of a Fortin barometer which hangs alongside the barograph. The cistern of this barometer is 42 feet above sea level. In the printed tables the readings of the Fort-William barograph are reduced to 32° and sea level: as explained above, the first figure (either a 2 or a 3) of each entry is omitted, and the highest and lowest values in each month are put in bold-faced type.

The Temperatures at Fort-William Observatory are obtained from the traces of photographic Dry and Wet Bulb Thermometers. These thermometers are placed in the North wall of the Observatory, the bulbs being outside in a large louvred screen, while the stems pass through the wall, and the fluctuations of the mercury columns are photographically recorded in a similar manner to the barograph. These bulbs are five feet above the grass-covered surface of the ground. The louvred screen also contains Dry and Wet Bulb Thermometers for Eye reading, which are read seven times a day, and a Maximum and Minimum, which are read and set at 22^h (10 p.m.). The photographic trace when developed is placed under a glass scale and the temperatures at each hour read off: these are the values printed here. The Eye readings are used to control the scale values of the photographic trace, but are not published. The arrangement of the printed tables is the same as that of the Ben Nevis Observatory Dry and Wet Bulb, except that the Max. and Min. columns for Fort-William give the highest and lowest points of the trace for each day, instead of the highest and lowest hourly readings.

Towards the end of each year's tables will be found the readings of Temperature in a Stevenson Screen and the Amount of Cloud at Fort-William Observatory. This screen stands on a grass plot to the south of the Observatory and is freely exposed to

sun and wind. It contains a Dry and a Wet Bulb and Maximum and Minimum Thermometers. The former are read generally seven times a day and the Maximum and Minimum are read and set at 22^h (10 p.m.). The bulbs of the Dry and Wet are four feet above ground. The Black Bulb *in vacuo* is mounted four feet above ground on a post near this screen, and the Radiation Minimum is exposed on a black painted board level with the ground a few yards away. In the printed tables the highest and lowest values for each month of the Maximum and Minimum in the screen, and of the Black Bulb and Radiation Minimum outside, are indicated by bold-faced type. The columns to the right contain the Amount of Cloud as observed five times a day. At the foot of each column is given the mean value for the month.

Rainfall.—The hourly record of the rainfall at Fort-William Observatory is obtained from a self-recording Beckley raingauge with circular rim 100 square inches in area. It stands on a grass plot in front of the Observatory and the rim is 20 inches above ground. The arrangement of the printed tables is the same as that of the Ben Nevis Observatory Rainfall: all snow, hail, etc., is melted and measured as rain, the fall being apportioned as nearly as may be to the hours during which it was observed to fall. In the months of March and April 1891 the gauge was under repair and hourly records were not obtained, the daily totals given on the sheets being the amount collected in an 8-inch gauge standing with rim 20 inches above ground close to the Beckley gauge. This gauge was read daily at 22^h (10 p.m.). From the 3rd to the 15th of January 1892 inclusive the precipitation was wholly snow, and no attempt was made to distribute the fall over the hours of the day. The daily totals only are given.

The Sunshine is recorded at Fort-William Observatory by a Campbell-Stokes Sunshine Recorder mounted on a stone pillar in the Observatory grounds. The printed tables are similar to those for the Ben Nevis Sunshine; but owing to the hills which surround Fort-William, the possible sunshine at all seasons is less than on Ben Nevis, and the values entered in the "Total Possible" column have been computed from notes made of the times of Sunrise and Sunset as actually observed when opportunity offered, and these values have been used in computing the "Percentage of Possible" in the Monthly and Annual Mean Values. If it is desired to compare the Fort-William Sunshine with the possible for a clear horizon, the "Possible" values entered in the Ben Nevis tables for the corresponding months may be used.

The Public School, Fort-William.

The observations recorded at this Station, which was under the charge of Mr. Colin Livingston, extend from 1st January 1888 to 31st December 1890, and consist of "Eye" readings taken five times a day. The barometer in use was of Board of Trade

pattern (No. 954). It hung inside Mr. Livingston's house, with its cistern 33 feet above sea level. A Richard Barograph in the same room served as a check and a means of interpolating any omitted readings. The Thermometers and Raingauge were placed on a grass plot at the back of the house, the thermometers being in a Stevenson Screen with the bulbs of the Dry and Wet four feet above ground, and the raingauge circular 5 inches in diameter and with rim a foot above ground. A Richard Thermograph in an adjacent screen was used as a check on the Eye readings.

Each month's record forms one table, the first group of columns being the barometric readings reduced to 32° and sea level, with the first figure of each entry omitted as explained above. The second group are the readings of the Dry and Wet Bulbs corrected for instrumental error; then the Maximum and Minimum registering thermometers, with the highest and lowest in each month put in bold-faced type. Then the Direction and Force of the Wind on the same scale as used at the Ben Nevis Observatory; the Amount of Cloud; and the Rainfall for each twenty-four hours ending 9 a.m. of the next day: thus the amount entered on 1st January is what fell between 9 a.m. on the 1st and 9 a.m. on the 2nd. The heaviest daily fall in each month is put in bold-faced type. At the top of each column is the hour at which the readings were taken, and at the foot the averages or totals for the month.

Monthly and Annual Mean Values.—In these tables are given the monthly mean values of the Barometer and Dry Bulb Temperature for each hour at Ben Nevis and Fort-William Observatories, the monthly hourly sums of the Rainfall and Sunshine at these Observatories, and the hourly mean values of Wind-force and total cases of each wind direction (reduced to 8 points) for each month at the Ben Nevis Observatory. The annual values are the sum or mean of the twelve monthly values.

Log-Book.—In this are noted any changes of instruments or modes of observing at Ben Nevis Observatory, all observations of Auroræ, Halos, Thunderstorms and other similar phenomena that do not appear in the tabular records, and various matters of general interest connected with the Observatory.

Depth of Snow.—At the end of the annual returns a table is given (page 419) showing the depth of snow on the summit of Bevis Nevis on the 1st and 15th of each month from the opening of the Observatory to June 1893, with the mean values for these ten years.

BAROMETER. Reduced to 32°. 4407 feet above Sea Level. First figure omitted. JANUARY 1888.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	5·096	5·082	5·060	5·030	4·997	4·983	4·967	4·947	4·923	4·902	4·887	4·864	4·829	4·824	4·794	4·781	4·756	4·737	4·720	4·717	4·700	4·683	4·679	4·657	4·859
2	4·629	4·609	4·581	4·567	4·539	4·514	4·512	4·514	4·515	4·525	4·530	4·537	4·550	4·561	4·588	4·605	4·623	4·643	4·654	4·677	4·690	4·724	4·741	4·762	4·600
3	4·802	4·810	4·844	4·861	4·887	4·909	4·949	4·975	5·001	5·033	5·044	5·046	5·045	5·040	5·043	5·007	5·009	5·009	5·019	4·993	4·984	4·991	4·957	4·835	4·962
4	4·802	4·761	4·718	4·763	4·739	4·765	4·743	4·788	4·826	4·841	4·846	4·839	4·821	4·820	4·821	4·814	4·801	4·803	4·815	4·804	4·837	4·850	4·860	4·856	4·806
5	4·873	4·842	4·827	4·842	4·837	4·837	4·857	4·868	4·886	4·909	4·921	4·925	4·932	4·950	4·966	4·988	5·018	5·051	5·070	5·090	5·111	5·136	5·159	5·172	4·961
6	5·181	5·189	5·190	5·195	5·190	5·180	5·179	5·163	5·165	5·154	5·137	5·113	5·099	5·120	5·143	5·175	5·217	5·230	5·234	5·252	5·262	5·274	5·276	5·284	5·192
7	5·282	5·300	5·312	5·315	5·315	5·338	5·364	5·383	5·411	5·433	5·455	5·463	5·451	5·443	5·443	5·437	5·460	5·452	5·456	5·441	5·465	5·491	5·498	5·486	5·412
8	5·504	5·517	5·526	5·544	5·544	5·555	5·565	5·557	5·586	5·615	5·632	5·657	5·667	5·683	5·699	5·712	5·726	5·736	5·751	5·765	5·792	5·804	5·814	5·806	5·657
9	5·829	5·823	5·835	5·850	5·851	5·846	5·843	5·842	5·857	5·879	5·899	5·901	5·897	5·906	5·907	5·926	5·934	5·935	5·944	5·955	5·961	5·959	5·957	5·938	5·895
10	5·926	5·922	5·907	5·912	5·909	5·896	5·897	5·899	5·901	5·901	5·913	5·905	5·893	5·904	5·896	5·888	5·890	5·892	5·904	5·907	5·915	5·927	5·932	5·938	5·907
11	5·941	5·945	5·942	5·941	5·947	5·951	5·942	5·945	5·951	5·960	5·965	5·963	5·964	5·969	5·961	5·964	5·966	5·966	5·963	5·971	5·973	5·978	5·976	5·971	5·959
12	5·962	5·947	5·945	5·942	5·930	5·925	5·911	5·911	5·908	5·899	5·898	5·890	5·886	5·882	5·889	5·889	5·894	5·891	5·897	5·905	5·914	5·922	5·928	5·937	5·913
13	5·937	5·938	5·944	5·941	5·945	5·951	5·964	5·973	5·985	5·992	5·995	5·999	5·994	5·997	6·003	6·005	6·000	6·001	6·001	6·004	6·005	6·011	6·007	6·002	5·983
14	5·997	5·990	5·987	5·988	5·977	5·971	5·969	5·974	5·981	5·981	5·973	5·974	5·962	5·965	5·962	5·964	5·972	5·979	5·978	5·982	5·988	5·988	5·984	5·987	5·978
15	5·981	5·983	5·984	5·984	5·980	5·976	5·975	5·982	5·984	5·983	5·983	5·984	5·977	5·973	5·968	5·968	5·961	5·961	5·956	5·958	5·952	5·947	5·944	5·939	5·970
16	5·931	5·922	5·921	5·916	5·904	5·898	5·890	5·892	5·890	5·895	5·895	5·885	5·876	5·872	5·873	5·870	5·865	5·861	5·850	5·860	5·854	5·844	5·839	5·831	5·881
17	5·835	5·843	5·840	5·843	5·845	5·836	5·849	5·860	5·864	5·865	5·878	5·879	5·871	5·870	5·868	5·867	5·870	5·878	5·881	5·881	5·880	5·886	5·885	5·880	5·865
18	5·885	5·886	5·893	5·885	5·879	5·872	5·878	5·880	5·885	5·889	5·891	5·893	5·892	5·895	5·897	5·898	5·896	5·893	5·895	5·903	5·903	5·902	5·904	5·899	5·891
19	5·895	5·889	5·879	5·862	5·849	5·835	5·835	5·831	5·824	5·815	5·810	5·790	5·776	5·762	5·763	5·755	5·737	5·733	5·732	5·728	5·724	5·713	5·709	5·695	5·789
20	5·690	5·684	5·686	5·672	5·667	5·664	5·661	5·670	5·677	5·669	5·675	5·666	5·665	5·658	5·654	5·647	5·637	5·622	5·617	5·612	5·585	5·559	5·542	5·507	5·641
21	5·460	5·426	5·383	5·333	5·300	5·265	5·249	5·243	5·238	5·227	5·208	5·199	5·161	5·146	5·140	5·136	5·136	5·135	5·143	5·172	5·185	5·194	5·205	5·207	5·229
22	5·216	5·229	5·241	5·246	5·252	5·265	5·269	5·280	5·285	5·294	5·301	5·310	5·305	5·304	5·311	5·324	5·334	5·347	5·352	5·372	5·384	5·401	5·417	5·429	5·311
23	5·441	5·458	5·469	5·486	5·496	5·519	5·534	5·546	5·533	5·527	5·526	5·526	5·508	5·515	5·498	5·510	5·505	5·507	5·505	5·512	5·490	5·458	5·471	5·467	5·500
24	5·461	5·442	5·438	5·452	5·451	5·462	5·469	5·496	5·501	5·520	5·535	5·535	5·536	5·523	5·512	5·490	5·472	5·469	5·462	5·450	5·446	5·430	5·405	5·376	5·472
25	5·356	5·359	5·357	5·366	5·370	5·371	5·370	5·350	5·317	5·290	5·265	5·214	5·165	5·165	5·132	5·125	5·089	5·067	5·004	4·949	4·858	4·801	4·800	4·815	5·165
26	4·861	4·914	4·973	5·011	5·073	5·110	5·208	5·250	5·294	5·331	5·366	5·380	5·397	5·408	5·435	5·449	5·465	5·489	5·503	5·518	5·540	5·549	5·558	5·564	5·319
27	5·559	5·543	5·538	5·511	5·502	5·468	5·448	5·430	5·401	5·394	5·364	5·368	5·348	5·356	5·353	5·356	5·379	5·371	5·400	5·397	5·411	5·417	5·402	5·378	5·421
28	5·430	5·435	5·437	5·443	5·447	5·442	5·441	5·448	5·448	5·447	5·440	5·437	5·422	5·421	5·423	5·424	5·419	5·418	5·404	5·405	5·407	5·396	5·389	5·391	5·426
29	5·393	5·410	5·421	5·418	5·425	5·424	5·429	5·435	5·445	5·450	5·454	5·454	5·452	5·452	5·448	5·449	5·439	5·438	5·435	5·424	5·415	5·408	5·392	5·387	5·429
30	5·371	5·359	5·347	5·338	5·325	5·310	5·308	5·300	5·292	5·282	5·271	5·269	5·243	5·223	5·197	5·181	5·131	5·088	5·056	4·994	4·895	4·847	4·785	4·750	5·173
31	4·736	4·662	4·627	4·601	4·636	4·647	4·703	4·729	4·755	4·803	4·839	4·870	4·899	4·959	4·980	5·011	5·054	5·043	5·073	5·193	5·233	5·212	5·255	5·233	4·906
Mean	5·460	5·455	5·453	5·453	5·449	5·451	5·457	5·463	5·469	5·474	5·477	5·475	5·467	5·470	5·470	5·471	5·473	5·472	5·473	5·477	5·476	5·474	5·473	5·464	5·467

BAROMETER. Reduced to 32°. 4407 feet above Sea Level. First figure omitted. FEBRUARY 1888.

	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	5·269	5·286	5·309	5·323	5·320	5·327	5·333	5·346	5·360	5·366	5·373	5·378	5·376	5·366	5·382	5·373	5·365	5·370	5·370	5·369	5·371	5·357	5·355	5·356	5·350
2	5·341	5·339	5·337	5·325	5·312	5·302	5·282	5·273	5·258	5·230	5·183	5·172	5·148	5·121	5·110	5·109	5·121	5·132	5·145	5·179	5·189	5·188	5·198	5·211	5·217
3	5·223	5·229	5·240	5·234	5·242	5·249	5·255	5·262	5·263	5·271	5·268	5·261	5·257	5·256	5·270	5·260	5·271	5·262	5·267	5·274	5·293	5·309	5·315	5·332	5·265
4	5·348	5·355	5·381	5·396	5·401	5·414	5·442	5·458	5·477	5·497	5·513	5·523	5·534	5·532	5·534	5·531	5·522	5·529	5·528	5·517	5·513	5·509	5·514	5·490	5·477
5	5·467	5·464	5·465	5·461	5·462	5·467	5·469	5·476	5·484	5·490	5 496	5·506	5·514	5·524	5·521	5·532	5·535	5·549	5·560	5·563	5·564	5·578	5·582	5·581	5·513
6	5·580	5·574	5·578	5·567	5·571	5·576	5·583	5·587	5·592	5·592	5 603	5·608	5·604	5·601	5·571	5·574	5·562	5·560	5·550	5·551	5·531	5·518	5·514	5·505	5·569
7	5·484	5·468	5·449	5·457	5·455	5·456	5·461	5·448	5·439	5·439	5·437	5·425	5·404	5·429	5·422	5·411	5·407	5·420	5·411	5·400	5·400	5·393	5·372	5·374	5·428
8	5·376	5·364	5·353	5·357	5·348	5·359	5·357	5·361	5·362	5·363	5·364	5·370	5·361	5·353	5·346	5·328	5·294	5·287	5·277	5·295	5·283	5·286	5·311	5·306	5·336
9	5·313	5·307	5·313	5·305	5·303	5·297	5·300	5·299	5·299	5·295	5·285	5·286	5·283	5·272	5·260	5·244	5·215	5·203	5·184	5·184	5·154	5·143	5·108	5·081	5·247
10	5·069	5·039	5·006	4·997	4·960	4·952	4·950	4·951	4·944	4·941	4·941	4·945	4·944	4·936	4·938	4·932	4·930	4·930	4·928	4·927	4·919	4·912	4·902	4·892	4·949
11	4·878	4·871	4·864	4·852	4·846	4·834	4·829	4·831	4·831	4·827	4·826	4·818	4·809	4·800	4·782	4·781	4·763	4·757	4·752	4·750	4·757	4·755	4·752	4·754	4·805
12	4·760	4·753	4·752	4·750	4·743	4·749	4·750	4·757	4·761	4·771	4·776	4·785	4·788	4·798	4·784	4·784	4·776	4·775	4·777	4·785	4·795	4·784	4·783	4·781	4·772
13	4·780	4·772	4·778	4·774	4·765	4·776	4·778	4·773	4·782	4·815	4·832	4·849	4·877	4·909	4·953	4·986	5·016	5·045	5·075	5·109	5·118	5·135	5·158	5·183	4·918
14	5·204	5·218	5·232	5·240	5·252	5·270	5·283	5·299	5·314	5·331	5·350	5·358	5·360	5·374	5·373	5·383	5·384	5·394	5·406	5·420	5·427	5·429	5·439	5·446	5·341
15	5·463	5·472	5·476	5·495	5·480	5·493	5·506	5·520	5·529	5·544	5·557	5·560	5·566	5·571	5·569	5·577	5·569	5·579	5·590	5·605	5·604	5·605	5·608	5·611	5·548
16	5·616	5·618	5·616	5·610	5·604	5·604	5·617	5·623	5·620	5·621	5·617	5·613	5·603	5·597	5·574	5·566	5·545	5·544	5·532	5·526	5·505	5·491	5·469	5·460	5·575
17	5·445	5·443	5·439	5·438	5·432	5·450	5·467	5·476	5·488	5·497	5·513	5·526	5·533	5·546	5·541	5·546	5·535	5·534	5·533	5·545	5·536	5·535	5·529	5·503	5·501
18	5·494	5·465	5·459	5·441	5·416	5·394	5·375	5·359	5·349	5·346	5·337	5·316	5·298	5·292	5·266	5·244	5·228	5·210	5·186	5·170	5·137	5·082	5·143	5·121	5·297
19	5·145	5·130	5·125	5·128	5·120	5·161	5·149	5·225	5·233	5·265	5·289	5·306	5·320	5·315	5·316	5·325	5·301	5·298	5·314	5·344	5·326	5·336	5·314	5·325	5·255
20	5·292	5·281	5·310	5·299	5·288	5·312	5·324	5·347	5·364	5·375	5·396	5·402	5·412	5·434	5·429	5·439	5·445	5·455	5·463	5·484	5·480	5·482	5·490	5·486	5·395
21	5·483	5·463	5·453	5·459	5·443	5·442	5·439	5·445	5·447	5·434	5·443	5·439	5·417	5·434	5·417	5·419	5·418	5·429	5·431	5·435	5·448	5·434	5·431	5·437	5·439
22	5·434	5·459	5·451	5·444	5·430	5·427	5·431	5·431	5·420	5·436	5·435	5·430	5·424	5·431	5·418	5·418	5·399	5·405	5·410	5·417	5·412	5·424	5·427	5·434	5·427
23	5·451	5·444	5·446	5·457	5·452	5·460	5·474	5·482	5·504	5·525	5·534	5·531	5·535	5·536	5·538	5·547	5·549	5·555	5·561	5·559	5·557	5·563	5·557	5·556	5·516
24	5·554	5·552	5·548	5·552	5·539	5·543	5·544	5·546	5·550	5·550	5·554	5·542	5·547	5·553	5·545	5·547	5·535	5·546	5·559	5·574	5·576	5·577	5·572	5·568	5·553
25	5·570	5·574	5·574	5·573	5·566	5·562	5·568	5·562	5·576	5·579	5·581	5·574	5·572	5·581	5·572	5·574	5·570	5·574	5·583	5·596	5·601	5·614	5·614	5·615	5·580
26	5·606	5·618	5·617	5·615	5·615	5·614	5·620	5·624	5·635	5·627	5·647	5·652	5·649	5·653	5·635	5·650	5·651	5·656	5·654	5·680	5·674	5·674	5·675	5·681	5·643
27	5·680	5·681	5·684	5·689	5·690	5·703	5·714	5·723	5·739	5·751	5·755	5·760	5·763	5·776	5·783	5·792	5·787	5·798	5·813	5·821	5·828	5·833	5·836	5·836	5·760
28	5·839	5·836	5·835	5·831	5·819	5·817	5·822	5·827	5·826	5·835	5·844	5·843	5·842	5·841	5·842	5·828	5·831	5·833	5·835	5·848	5·856	5·853	5·850	5·847	5·837
29	5·844	5·834	5·829	5·821	5·809	5·811	5·812	5·820	5·824	5·822	5·823	5·820	5·819	5·822	5·815	5·806	5·805	5·803	5·807	5·811	5·813	5·813	5·807	5·808	5·817
Mean	5·380	5·376	5·377	5·376	5·368	5·373	5·377	5·384	5·389	5·394	5·399	5·400	5·399	5·402	5·397	5·397	5·391	5·394	5·397	5·405	5·402	5·400	5·401	5·399	5·391

BAROMETER. REDUCED TO 32°. 4407 FEET ABOVE SEA LEVEL. FIRST FIGURE OMITTED. MARCH 1888.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	**5·803**	5·794	5·783	5·781	5·773	5·767	5·782	5·777	5·782	5·778	5·777	5·771	5·769	5·763	5·743	5·740	5·722	5·715	5·717	5·715	5·703	5·694	5·676	5·653	5·749
2	5·643	5·618	5·583	5·562	5·551	5·533	5·521	5·514	5·501	5·481	5·467	5·451	5·433	5·417	5·400	5·383	5·378	5·373	5·376	5·384	5·376	5·374	5·368	5·343	5·460
3	5·365	5·372	5·341	5·339	5·335	5·354	5·372	5·389	5·380	5·371	5·396	5·417	5·420	5·416	5·412	5·405	5·389	5·385	5·379	5·375	5·370	5·369	5·352	5·336	5·377
4	5·329	5·311	5·303	5·281	5·257	5·244	5·238	5·250	5·259	5·260	5·271	5·266	5·271	5·277	5·280	5·276	5·279	5·273	5·289	5·302	5·301	5·310	5·306	5·303	5·281
5	5·302	5·295	5·289	5·292	5·289	5·283	5·280	5·280	5·285	5·282	5·269	5·257	5·247	5·237	5·220	5·196	5·197	5·195	5·193	5·188	5·199	5·193	5·196	5·200	5·244
6	5·199	5·204	5·207	5·219	5·213	5·226	5·226	5·230	5·234	5·232	5·239	5·244	5·237	5·249	5·246	5·241	5·239	5·249	5·255	5·259	5·247	5·250	5·240	5·228	5·234
7	5·194	5·181	5·162	5·113	5·076	5·080	5·070	5·057	5·053	5·053	5·060	5·064	5·070	5·066	5·063	5·053	5·045	5·050	5·042	5·043	5·042	5·041	5·023	5·018	5·072
8	5·011	5·005	4·977	4·960	4·943	4·928	4·900	4·886	4·882	4·867	4·842	4·831	4·805	4·791	4·766	4·740	4·719	4·693	4·680	4·674	4·660	4·652	4·654	4·648	4·813
9	4·619	4·601	4·572	4·560	4·540	4·527	4·523	4·508	4·511	4·505	4·503	4·487	4·469	4·470	4·464	4·460	4·452	4·457	4·468	4·484	4·496	4·511	4·526	4·540	4·511
10	4·558	4·572	4·584	4·598	4·608	4·625	4·638	4·654	4·671	4·686	4·708	4·726	4·740	4·755	4·772	4·787	4·789	4·798	4·806	4·815	4·811	4·816	4·808	4·817	4·714
11	4·815	4·799	4·766	4·750	4·728	4·694	4·679	4·657	4·642	4·624	4·630	4·632	4·641	4·643	4·632	4·648	4·661	4·681	4·692	4·704	4·696	4·712	4·712	4·732	4·690
12	4·753	4·774	4·777	4·782	4·778	4·794	4·810	4·814	4·840	4·848	4·865	4·878	4·912	4·907	4·937	4·940	4·944	4·946	4·962	4·964	4·965	4·976	4·978	4·973	4·880
13	4·991	4·982	4·981	4·985	4·976	4·978	4·967	4·968	4·957	4·946	4·942	4·935	4·923	4·907	4·901	4·879	4·842	4·829	4·815	4·814	4·805	4·788	4·769	4·759	4·902
14	4·709	4·711	4·675	4·655	4·626	4·644	4·632	4·612	4·594	4·577	4·620	4·594	4·601	4·585	4·594	4·571	4·568	4·604	4·602	4·602	4·617	4·574	4·596	4·594	4·615
15	4·634	4·664	4·672	4·652	4·659	4·672	4·696	4·709	4·742	4·734	4·770	4·776	4·803	4·822	4·848	4·832	4·834	4·864	4·875	4·897	4·909	4·909	4·933	4·947	4·786
16	4·967	4·973	5·001	5·023	5·028	5·039	5·048	5·063	5·084	5·101	5·111	5·131	5·136	5·158	5·174	5·171	5·177	5·185	5·195	5·210	5·219	5·224	5·227	5·232	5·120
17	5·238	5·239	5·248	5·251	5·252	5·259	5·272	5·284	5·302	5·316	5·333	5·347	5·362	5·386	5·402	5·417	5·429	5·448	5·470	5·498	5·521	5·527	5·544	5·565	5·371
18	5·581	5·584	5·596	5·607	5·610	5·622	5·634	5·652	5·668	5·678	5·692	5·710	5·718	5·724	5·730	5·742	5·742	5·751	5·758	5·768	5·773	5·777	5·772	5·770	5·694
19	5·758	5·752	5·747	5·731	5·724	5·730	5·723	5·721	5·722	5·725	5·726	5·703	5·701	5·685	5·675	5·661	5·649	5·647	5·633	5·619	5·617	5·605	5·595	5·597	5·685
20	5·591	5·604	5·596	5·588	5·587	5·587	5·596	5·612	5·627	5·643	5·656	5·664	5·669	5·670	5·679	5·692	5·702	5·708	5·718	5·745	5·749	5·753	5·755	5·756	5·664
21	5·751	5·749	5·741	5·738	5·733	5·732	5·725	5·721	5·725	5·720	5·706	5·699	5·687	5·670	5·654	5·627	5·603	5·593	5·572	5·568	5·543	5·520	5·491	5·466	5·656
22	5·436	5·403	5·369	5·330	5·307	5·286	5·276	5·268	5·258	5·248	5·229	5·221	5·207	5·185	5·178	5·164	5·131	5·121	5·107	5·097	5·089	5·071	5·051	5·027	5·211
23	5·014	4·998	4·985	4·960	4·928	4·926	4·914	4·920	4·916	4·921	4·927	4·917	4·906	4·899	4·866	4·834	4·808	4·811	4·809	4·799	4·811	4·820	4·816	4·816	4·888
24	4·803	4·801	4·748	4·726	4·740	4·729	4·747	4·738	4·763	4·805	4·813	4·834	4·851	4·865	4·869	4·883	4·861	4·859	4·860	4·863	4·845	4·830	4·827	4·808	4·811
25	4·789	4·768	4·734	4·702	4·671	4·641	4·617	4·596	4·572	4·548	4·533	4·518	4·497	4·483	4·473	4·456	4·447	4·444	4·444	4·450	4·451	4·450	4·448	4·449	4·549
26	4·428	4·437	4·426	4·430	4·431	4·424	4·443	4·464	4·482	4·466	4·482	4·494	4·502	4·516	4·526	4·527	4·520	4·512	4·518	4·517	4·508	4·501	4·498	4·490	4·481
27	4·473	4·447	4·425	4·405	4·379	4·362	4·352	4·340	4·331	4·328	4·325	4·321	**4·320**	4·324	4·332	4·341	4·344	4·355	4·369	4·391	4·400	4·411	4·419	4·432	4·372
28	4·444	4·447	4·455	4·452	4·456	4·458	4·466	4·473	4·465	4·471	4·478	4·481	4·482	4·470	4·480	4·501	4·500	4·476	4·482	4·493	4·486	4·476	4·483	4·485	4·473
29	4·479	4·472	4·472	4·484	4·479	4·500	4·516	4·543	4·551	4·561	4·581	4·600	4·609	4·625	4·639	4·642	4·649	4·663	4·671	4·695	4·706	4·706	4·709	4·719	4·595
30	4·709	4·743	4·754	4·766	4·776	4·792	4·803	4·800	4·831	4·853	4·870	4·876	4·874	4·894	4·902	4·921	4·961	4·982	5·013	5·019	5·067	5·057	5·078	5·076	4·892
31	5·087	5·138	5·138	5·169	5·178	5·194	5·207	5·224	5·237	5·255	5·269	5·281	5·294	5·315	5·326	5·328	5·353	5·356	5·359	5·399	5·415	5·424	5·428	5·436	5·284
MEAN	5·048	5·046	5·036	5·029	5·020	5·020	5·022	5·023	5·028	5·028	5·035	5·036	5·037	5·038	5·038	5·034	5·030	5·033	5·036	5·044	5·045	5·043	5·041	5·039	5·035

BAROMETER. REDUCED TO 32°. 4407 FEET ABOVE SEA LEVEL. FIRST FIGURE OMITTED. APRIL 1888.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	5·430	5·433	5·432	5·428	5·417	5·422	5·419	5·413	5·413	5·407	5·414	5·414	5·399	5·395	5·375	5·378	5·359	5·355	5·346	5·349	5·340	5·316	5·307	5·294	5·386
2	5·226	5·269	5·236	5·225	5·225	5·231	5·244	5·259	5·260	5·264	5·266	5·277	5·280	5·265	5·263	5·298	5·306	5·315	5·333	5·342	5·349	5·374	5·377	5·385	5·288
3	5·358	5·390	5·386	5·382	5·380	5·379	5·382	5·375	5·373	5·369	5·369	5·367	5·371	5·367	5·346	5·325	5·327	5·309	5·302	5·308	5·276	5·258	5·236	5·224	5·340
4	5·205	5·190	5·178	5·153	5·160	5·164	5·159	5·173	5·191	5·194	5·223	5·229	5·254	5·283	5·296	5·305	5·311	5·331	5·354	5·379	5·394	5·405	5·420	5·430	5·266
5	5·444	5·454	5·457	5·466	5·462	5·476	5·491	5·501	5·516	5·525	5·539	5·549	5·552	5·559	5·561	5·555	5·550	5·559	5·561	5·583	5·586	5·594	5·601	5·602	5·531
6	5·600	5·594	5·594	5·595	5·583	5·593	5·597	5·604	5·618	5·623	5·632	5·637	5·645	5·653	5·650	5·649	5·643	5·645	5·655	5·664	5·662	5·661	5·658	5·660	5·630
7	5·646	5·641	5·627	5·619	5·608	5·613	5·606	5·605	5·604	5·610	5·614	5·611	5·603	5·600	5·594	5·588	5·581	5·582	5·582	5·583	5·586	5·573	5·564	5·558	5·600
8	5·555	5·544	5·535	5·518	5·512	5·511	5·511	5·511	5·504	5·501	5·501	5·499	5·500	5·502	5·498	5·491	5·484	5·477	5·483	5·496	5·490	5·484	5·480	5·472	5·502
9	5·470	5·462	5·453	5·447	5·438	5·440	5·439	5·443	5·437	5·450	5·452	5·434	5·458	5·462	5·466	5·464	5·460	5·464	5·467	5·480	5·480	5·472	5·475	5·476	5·458
10	5·477	5·472	5·463	5·454	5·458	5·453	5·444	5·451	5·453	5·450	5·445	5·433	5·425	5·408	5·386	5·376	5·354	5·346	5·339	5·338	5·322	5·321	5·308	5·297	5·403
11	5·278	5·267	5·235	5·216	5·209	5·193	5·179	5·181	5·180	5·181	5·190	5·199	5·191	5·198	5·197	5·181	5·181	5·179	5·187	5·201	5·201	5·201	5·197	5·195	5·201
12	5·181	5·171	5·159	5·154	5·136	5·142	5·144	5·148	5·146	5·146	5·143	5·132	5·119	5·104	5·080	5·059	5·045	5·027	4·978	4·945	4·914	4·918	4·912	4·886	5·074
13	4·864	4·835	4·812	4·821	4·832	4·827	4·862	4·882	4·915	4·936	4·960	4·988	4·998	5·028	5·030	5·052	5·051	5·076	5·084	5·098	5·103	5·100	5·104	5·102	4·973
14	5·097	5·105	5·107	5·110	5·105	5·115	5·126	5·142	5·168	5·191	5·195	5·209	5·220	5·230	5·244	5·251	5·267	5·279	5·280	5·281	5·287	5·285	5·278	5·274	5·202
15	5·255	5·241	5·239	5·226	5·223	5·215	5·210	5·186	5·181	5·158	5·122	5·160	5·139	5·147	5·145	5·150	5·131	5·118	5·114	5·123	5·131	5·123	5·126	5·119	5·166
16	5·109	5·100	5·095	5·086	5·076	5·082	5·081	5·089	5·089	5·106	5·114	5·122	5·130	5·141	5·126	5·132	5·133	5·121	5·111	5·114	5·101	5·076	5·044	5·007	5·099
17	4·983	4·974	4·936	4·978	4·967	4·953	4·930	4·926	4·913	4·897	4·879	4·877	4·896	4·901	4·890	4·882	4·889	4·893	4·881	4·902	4·903	4·906	4·912	4·910	4·916
18	4·903	4·901	4·900	4·899	4·891	4·895	4·890	4·900	4·892	4·903	4·911	4·916	4·921	4·923	4·922	4·917	4·917	4·925	4·933	4·939	4·938	4·941	4·950	4·954	4·916
19	4·958	4·961	4·961	4·969	4·978	4·984	5·001	5·010	5·024	5·033	5·042	5·045	5·049	5·055	5·058	5·059	5·059	5·063	5·080	5·087	5·088	5·094	5·098	5·102	5·036
20	5·105	5·115	5·115	5·119	5·132	5·139	5·131	5·165	5·175	5·198	5·199	5·218	5·212	5·233	5·242	5·251	5·282	5·279	5·273	5·306	5·276	5·304	5·306	5·308	5·212
21	5·282	5·259	5·273	5·296	5·298	5·297	5·302	5·312	5·307	5·323	5·333	5·333	5·328	5·329	5·331	5·331	5·320	5·305	5·310	5·306	5·305	5·298	5·294	5·289	5·307
22	5·287	5·278	5·278	5·270	5·276	5·280	5·283	5·312	5·317	5·322	5·359	5·360	5·369	5·369	5·369	5·372	5·369	5·379	5·381	5·382	5·377	5·391	5·378	5·394	5·340
23	5·400	5·409	5·406	5·402	5·401	5·412	5·421	5·421	5·443	5·451	5·454	5·471	5·479	5·478	5·475	5·480	5·489	5·497	5·511	5·520	5·524	5·530	5·527	5·522	5·463
24	5·537	5·540	5·551	5·539	5·546	5·549	5·556	5·560	5·568	5·568	5·583	5·591	5·600	5·608	5·605	5·602	5·598	5·600	5·602	5·604	5·611	5·612	5·618	5·612	5·582
25	5·601	5·606	5·613	5·598	5·600	5·610	5·615	5·633	5·629	5·630	5·651	5·663	5·665	5·668	5·669	5·661	5·670	5·668	**5·675**	5·672	5·670	5·664	5·649	5·671	5·644
26	5·649	5·633	5·621	5·613	5·599	5·613	5·611	5·625	5·632	5·631	5·623	5·619	5·611	5·601	5·589	5·570	5·551	5·535	5·514	5·497	5·478	5·444	5·426	5·394	5·570
27	5·367	5·345	5·308	5·283	5·274	5·248	5·260	5·250	5·257	5·266	5·265	5·269	5·271	5·272	5·278	5·280	5·273	5·275	5·284	5·296	5·308	5·300	5·300	5·292	5·284
28	5·295	5·285	5·274	5·253	5·220	5·223	5·197	5·200	5·186	5·172	5·129	5·119	5·071	5·070	5·053	5·017	5·002	4·939	4·937	4·927	4·896	4·889	4·888	4·867	5·088
29	4·844	4·828	4·819	4·813	4·803	4·798	4·800	4·803	4·815	4·820	4·831	4·852	4·867	4·893	4·909	4·923	4·921	4·932	4·938	4·943	4·939	4·946	4·941	4·935	4·871
30	4·926	4·927	4·919	4·915	4·906	4·911	4·910	4·910	4·916	4·919	4·914	4·916	4·914	4·909	4·899	4·873	4·850	4·833	4·823	4·821	4·809	4·797	4·768	**4·719**	4·875
MEAN	5·279	5·274	5·266	5·262	5·257	5·259	5·260	5·266	5·271	5·275	5·278	5·284	5·285	5·288	5·285	5·282	5·279	5·277	5·277	5·283	5·278	5·276	5·271	5·265	5·274

BAROMETER. REDUCED TO 32°. 4407 FEET ABOVE SEA LEVEL. FIRST FIGURE OMITTED. MAY 1888.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	4·697	4·679	4·632	4·623	4·620	4·607	4·606	4·599	4·594	4·599	4·599	4·612	4·621	4·641	4·654	4·668	4·680	4·707	4·737	4·791	4·831	4·842	4·877	4·895	4·684
2	4·921	4·927	4·920	4·891	4·879	4·843	4·776	4·696	4·669	4·650	4·649	4·679	4·689	4·670	4·651	4·650	4·608	4·581	4·553	4·538	4·535	4·508	4·498	4·477	4·686
3	4·445	4·449	**4·427**	4·448	4·482	4·544	4·616	4·677	4·723	4·774	4·848	4·905	4·907	4·968	5·016	5·050	5·074	5·098	5·119	5·153	5·175	5·191	5·210	5·236	4·856
4	5·239	5·258	5·265	5·279	5·293	5·303	5·307	5·321	5·330	5·346	5·339	5·354	5·361	5·371	5·377	5·364	5·371	5·368	5·367	5·340	5·350	5·350	5·336	5·301	5·329
5	5·295	5·265	5·250	5·244	5·250	5·259	5·252	5·288	5·297	5·320	5·344	5·348	5·377	5·391	5·418	5·419	5·430	5·441	5·454	5·465	5·468	5·474	5·474	5·482	5·363
6	5·489	5·482	5·474	5·473	5·476	5·469	5·483	5·492	5·498	5·502	5·503	5·499	5·506	5·502	5·510	5·508	5·495	5·494	5·499	5·493	5·501	5·499	5·492	5·462	5·492
7	5·446	5·435	5·437	5·437	5·427	5·426	5·428	5·431	5·428	5·432	5·442	5·441	5·443	5·430	5·430	5·416	5·399	5·411	5·385	5·390	5·396	5·393	5·381	5·386	5·420
8	5·377	5·353	5·349	5·354	5·348	5·351	5·359	5·373	5·393	5·396	5·401	5·416	5·423	5·452	5·472	5·477	5·487	5·491	5·495	5·515	5·518	5·541	5·550	5·565	5·436
9	5·573	5·575	5·579	5·575	5·586	5·601	5·616	5·627	5·635	5·657	5·671	5·679	5·689	5·702	5·706	5·712	5·710	5·713	5·715	5·714	5·718	5·720	5·721	5·716	5·663
10	5·715	5·713	5·710	5·710	5·714	5·720	5·728	5·740	5·749	5·756	5·768	5·787	5·797	5·806	5·810	5·810	5·809	5·811	5·812	5·822	5·834	5·828	5·831	5·823	5·775
11	5·825	5·820	5·819	5·819	5·821	5·820	5·829	5·832	5·838	5·842	5·846	5·849	5·855	5·862	5·851	5·851	5·836	5·832	5·830	5·834	5·833	5·827	5·818	5·813	5·833
12	5·812	5·801	5·791	5·787	5·782	5·785	5·784	5·783	5·781	5·782	5·785	5·789	5·781	5·776	5·770	5·760	5·742	5·730	5·725	5·718	5·711	5·701	5·687	5·671	5·766
13	5·649	5·628	5·596	5·573	5·550	5·537	5·506	5·483	5·458	5·435	5·409	5·412	5·404	5·402	5·387	5·384	5·375	5·377	5·371	5·371	5·353	5·343	5·345	5·346	5·446
14	5·329	5·319	5·319	5·307	5·303	5·308	5·309	5·314	5·304	5·297	5·284	5·274	5·266	5·257	5·236	5·218	5·200	5·183	5·171	5·152	5·129	5·115	5·099	5·081	5·241
15	5·064	5·045	5·028	5·004	4·987	4·976	4·971	4·968	4·964	4·966	4·967	4·966	4·970	4·973	4·977	4·977	4·981	4·975	4·979	4·989	4·992	4·998	5·003	5·002	4·988
16	4·988	4·995	5·003	5·004	4·998	5·001	5·002	4·999	4·995	4·970	4·971	4·937	4·922	4·914	4·914	4·895	4·873	4·877	4·859	4·882	4·870	4·860	4·854	4·823	4·934
17	4·802	4·778	4·769	4·753	4·746	4·740	4·752	4·770	4·787	4·791	4·799	4·799	4·805	4·818	4·815	4·836	4·831	4·847	4·859	4·872	4·879	4·895	4·907	4·922	4·816
18	4·941	4·953	4·965	4·980	4·995	5·010	5·031	5·051	5·064	5·079	5·090	5·102	5·095	5·065	5·091	5·107	5·120	5·114	5·088	5·092	5·135	5·137	5·154	5·171	5·068
19	5·186	5·179	5·189	5·182	5·193	5·192	5·191	5·171	5·180	5·174	5·189	5·201	5·200	5·198	5·141	5·172	5·161	5·163	5·165	5·173	5·161	5·197	5·201	5·206	5·182
20	5·228	5·239	5·258	5·269	5·290	5·319	5·328	5·354	5·376	5·407	5·430	5·464	5·486	5·522	5·547	5·564	5·587	5·608	5·627	5·660	5·687	5·696	5·710	5·727	5·474
21	5·737	5·754	5·761	5·771	5·785	5·802	5·821	5·840	5·857	5·865	5·870	5·881	5·894	5·913	5·917	5·924	5·923	5·928	5·937	5·948	5·955	5·960	5·962	5·964	5·874
22	5·963	5·965	5·968	5·969	5·965	5·971	5·972	5·976	5·983	5·987	5·990	5·992	5·996	6·002	5·996	5·994	5·987	5·990	5·987	5·994	6·000	6·001	6·005	6·000	5·986
23	6·000	5·994	5·990	5·991	5·993	6·000	6·004	5·998	6·003	6·008	6·011	6·013	6·012	**6·014**	6·009	6·003	5·993	5·993	5·990	5·986	5·992	5·987	5·983	5·976	5·998
24	5·969	5·964	5·954	5·950	5·947	5·951	5·952	5·957	5·951	5·952	5·950	5·948	5·944	5·940	5·935	5·919	5·908	5·905	5·898	5·902	5·897	5·885	5·874	5·863	5·930
25	5·849	5·840	5·821	5·813	5·806	5·802	5·794	5·789	5·786	5·783	5·779	5·768	5·757	5·745	5·738	5·732	5·720	5·714	5·708	5·700	5·692	5·680	5·671	5·652	5·756
26	5·638	5·623	5·607	5·593	5·584	5·577	5·575	5·572	5·564	5·558	5·546	5·543	5·536	5·533	5·521	5·507	5·491	5·475	5·462	5·448	5·434	5·421	5·400	5·376	5·524
27	5·352	5·331	5·315	5·304	5·286	5·276	5·268	5·259	5·254	5·247	5·245	5·242	5·237	5·234	5·228	5·222	5·218	5·219	5·221	5·225	5·227	5·229	5·229	5·233	5·254
28	5·230	5·237	5·241	5·243	5·251	5·256	5·266	5·275	5·285	5·296	5·307	5·314	5·324	5·335	5·337	5·348	5·346	5·350	5·353	5·357	5·360	5·355	5·357	5·355	5·307
29	5·350	5·353	5·343	5·336	5·311	5·318	5·309	5·297	5·293	5·275	5·278	5·257	5·241	5·216	5·177	5·150	5·136	5·085	5·020	4·994	4·994	4·960	4·922	4·868	5·187
30	4·834	4·831	4·827	4·789	4·766	4·736	4·731	4·751	4·756	4·762	4·769	4·772	4·779	4·783	4·797	4·813	4·823	4·836	4·847	4·859	4·878	4·882	4·886	4·901	4·809
31	4·905	4·892	4·894	4·900	4·898	4·917	4·927	4·941	4·954	4·974	4·995	5·022	5·042	5·083	5·101	5·125	5·150	5·179	5·194	5·226	5·261	5·278	5·302	5·311	5·061
MEAN	5·350	5·344	5·339	5·335	5·333	5·336	5·338	5·343	5·347	5·351	5·357	5·363	5·366	5·372	5·372	5·373	5·370	5·371	5·369	5·374	5·380	5·379	5·379	5·374	5·359

BAROMETER. REDUCED TO 32°. 4407 FEET ABOVE SEA LEVEL. FIRST FIGURE OMITTED. JUNE 1888.

	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	5·337	5·352	5·360	5·378	5·392	5·405	5·422	5·441	5·459	5·484	5·498	5·517	5·537	5·561	5·573	5·591	5·591	5·600	5·608	5·618	5·633	5·640	5·643	5·637	5·512
2	5·635	5·630	5·622	5·611	5·600	5·598	5·599	5·599	5·580	5·569	5·553	5·552	5·545	5·532	5·509	5·478	5·466	5·458	5·442	5·432	5·424	5·408	5·403	5·379	5·526
3	5·365	5·336	5·312	5·306	5·277	5·284	5·287	5·251	5·249	5·255	5·243	5·244	5·249	5·250	5·260	5·253	5·255	5·254	5·260	5·272	5·278	5·292	5·296	5·299	5·276
4	5·308	5·316	5·327	5·336	5·352	5·377	5·398	5·416	5·446	5·465	5·488	5·508	5·524	5·543	5·567	5·573	5·583	5·591	5·604	5·616	5·637	5·641	5·642	5·638	5·496
5	5·632	5·621	5·618	5·628	5·627	5·628	5·629	5·618	5·618	5·624	5·631	5·629	5·625	5·627	5·615	5·605	5·604	5·596	5·593	5·602	5·595	5·572	5·564	5·537	5·610
6	5·500	5·485	5·483	5·457	5·420	5·420	5·423	5·423	5·415	5·377	5·389	5·428	5·413	5·392	5·366	5·325	5·301	5·279	5·261	5·264	5·276	5·280	5·280	5·282	5·372
7	5·269	5·256	5·240	5·233	5·231	5·231	5·234	5·231	5·226	5·229	5·226	5·230	5·227	5·224	5·218	5·211	5·202	5·202	5·202	5·205	5·215	5·216	5·214	5·212	5·224
8	5·202	5·191	5·187	5·192	5·185	5·185	5·191	5·192	5·189	5·184	5·183	5·181	5·173	5·176	5·174	5·181	5·178	5·180	5·186	5·193	5·194	5·193	5·191	5·190	5·186
9	5·187	5·184	5·181	5·175	5·164	5·164	5·163	5·161	5·163	5·158	5·152	5·152	5·149	5·148	5·137	5·136	5·129	5·128	5·127	5·126	5·120	5·120	5·128	5·128	5·149
10	5·139	5·131	5·133	5·123	5·128	5·135	5·139	5·148	5·169	5·185	5·218	5·255	5·297	5·338	5·345	5·354	5·360	5·381	5·400	5·418	5·430	5·436	5·432	5·426	5·272
11	5·427	5·434	5·418	5·401	5·400	5·400	5·393	5·390	5·378	5·372	5·358	5·354	5·322	5·308	5·279	5·258	5·249	5·237	5·229	5·216	5·210	5·200	5·191	5·171	5·316
12	5·156	5·125	5·082	5·072	5·018	4·993	4·990	4·980	4·945	4·951	**4·913**	4·928	4·923	4·929	4·930	4·930	4·917	4·928	4·926	4·949	4·953	4·980	4·993	4·997	4·980
13	4·997	4·990	5·002	5·007	5·026	5·041	5·070	5·107	5·123	5·142	5·157	5·171	5·182	5·206	5·223	5·236	5·236	5·244	5·250	5·261	5·274	5·287	5·293	5·296	5·159
14	5·302	5·304	5·309	5·323	5·331	5·342	5·356	5·368	5·375	5·384	5·391	5·402	5·411	5·421	5·427	5·429	5·428	5·429	5·425	5·424	5·424	5·421	5·400	5·390	5·384
15	5·372	5·360	5·350	5·340	5·320	5·308	5·313	5·318	5·322	5·336	5·347	5·365	5·387	5·404	5·420	5·441	5·453	5·467	5·470	5·491	5·508	5·512	5·507	5·526	5·402
16	5·525	5·525	5·532	5·528	5·532	5·544	5·552	5·565	5·573	5·580	5·593	5·608	5·619	5·630	5·641	5·640	5·637	5·640	5·639	5·647	5·649	5·657	5·656	5·652	5·598
17	5·646	5·648	5·642	5·637	5·629	5·637	5·644	5·651	5·661	5·669	5·673	5·680	5·683	5·692	5·690	5·686	5·686	5·692	5·699	5·699	5·705	5·711	5·711	5·716	5·674
18	5·720	5·720	5·717	5·715	5·719	5·720	5·728	5·736	5·744	5·753	5·762	5·768	5·773	5·776	5·788	5·792	5·791	5·796	5·798	5·803	5·807	5·807	5·808	5·805	5·764
19	5·798	5·793	5·782	5·777	5·774	5·777	5·776	5·778	5·773	5·769	5·772	5·779	5·769	5·769	5·770	5·768	5·759	5·759	5·752	5·751	5·746	5·736	5·729	5·726	5·766
20	5·719	5·707	5·707	5·692	5·697	5·704	5·710	5·717	5·715	5·713	5·713	5·714	5·714	5·720	5·721	5·716	5·717	5·716	5·719	5·730	5·730	5·715	5·700	5·702	5·713
21	5·703	5·692	5·688	5·692	5·698	5·705	5·712	5·714	5·726	5·734	5·734	5·744	5·753	5·753	5·772	5·771	5·771	5·775	5·774	5·783	5·785	5·787	5·789	5·779	5·743
22	5·779	5·770	5·760	5·752	5·749	5·753	5·754	5·758	5·761	5·761	5·763	5·774	5·777	5·783	5·791	5·792	5·798	5·798	5·802	5·808	5·809	5·824	5·826	5·832	5·782
23	5·827	5·825	5·824	5·822	5·825	5·824	5·829	5·833	5·838	5·852	5·857	**5·862**	5·859	5·859	5·854	5·861	5·854	5·840	5·832	5·826	5·826	5·831	5·821	5·810	5·837
24	5·803	5·792	5·777	5·768	5·763	5·759	5·760	5·752	5·748	5·748	5·747	5·750	5·745	5·741	5·739	5·738	5·730	5·719	5·717	5·718	5·713	5·708	5·685	5·681	5·742
25	5·685	5·665	5·637	5·648	5·653	5·660	5·664	5·657	5·667	5·676	5·690	5·692	5·685	5·683	5·687	5·690	5·666	5·670	5·668	5·665	5·666	5·659	5·654	5·632	5·667
26	5·623	5·607	5·596	5·586	5·584	5·581	5·579	5·578	5·574	5·566	5·552	5·547	5·540	5·527	5·509	5·509	5·489	5·472	5·463	5·453	5·450	5·446	5·432	5·425	5·529
27	5·417	5·396	5·366	5·356	5·345	5·338	5·337	5·322	5·316	5·313	5·309	5·295	5·299	5·290	5·283	5·258	5·251	5·253	5·245	5·234	5·235	5·227	5·217	5·201	5·296
28	5·186	5·180	5·168	5·158	5·154	5·149	5·149	5·157	5·157	5·156	5·160	5·160	5·165	5·159	5·156	5·159	5·157	5·156	5·156	5·157	5·155	5·158	5·158	5·153	5·159
29	5·143	5·140	5·134	5·132	5·126	5·122	5·123	5·119	5·124	5·127	5·131	5·136	5·134	5·144	5·170	5·166	5·171	5·178	5·176	5·179	5·176	5·182	5·196	5·193	5·151
30	5·168	5·191	5·185	5·188	5·178	5·216	5·232	5·263	5·279	5·298	5·309	5·329	5·344	5·352	5·371	5·385	5·389	5·393	5·402	5·412	5·413	5·419	5·421	5·422	5·315
Mean	5·452	5·446	5·438	5·434	5·430	5·433	5·439	5·441	5·444	5·448	5·450	5·458	5·461	5·465	5·466	5·464	5·461	5·461	5·461	5·465	5·468	5·469	5·466	5·461	5·453

BAROMETER. REDUCED TO 32°. 4407 FEET ABOVE SEA LEVEL. FIRST FIGURE OMITTED. JULY 1888.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	5·423	5·424	5·418	5·424	5·430	5·438	5·441	5·452	5·462	5·471	5·480	5·488	5·493	5·493	5·494	5·488	5·486	5·480	5·481	5·474	5·469	5·459	5·438	5·423	5·460
2	5·411	5·392	5·383	5·370	5·348	5·334	5·322	5·308	5·290	5·245	5·221	5·207	5·171	5·133	5·109	5·072	5·027	5·019	4·982	4·957	4·931	4·926	4·911	4·898	5·165
3	4·887	4·874	4·863	4·874	4·879	4·886	4·884	4·905	4·915	4·922	4·929	4·941	4·950	4·964	4·965	4·971	4·968	4·964	4·969	4·966	4·966	4·967	4·962	4·959	4·930
4	4·950	4·949	4·937	4·921	4·919	4·915	4·911	4·916	4·922	4·922	4·931	4·936	4·940	4·946	4·955	4·957	4·954	4·958	4·961	4·967	4·975	4·982	4·979	4·986	4·945
5	4·984	4·983	4·982	4·990	4·990	4·998	5·005	5·017	5·027	5·038	5·053	5·064	5·078	5·089	5·103	5·109	5·117	5·127	5·141	5·152	5·173	5·182	5·189	5·198	5·075
6	5·201	5·200	5·201	5·203	5·213	5·224	5·232	5·244	5·258	5·270	5·281	5·297	5·306	5·324	5·330	5·334	5·337	5·341	5·350	5·358	5·371	5·380	5·386	5·392	5·293
7	5·389	5·391	5·388	5·392	5·398	5·398	5·405	5·416	5·425	5·438	5·450	5·458	5·462	5·464	5·469	5·469	5·468	5·473	5·472	5·471	5·472	5·472	5·471	5·467	5·441
8	5·464	5·451	5·440	5·433	5·433	5·431	5·430	5·428	5·428	5·428	5·425	5·426	5·424	5·419	5·406	5·397	5·388	5·378	5·374	5·366	5·360	5·351	5·335	5·326	5·406
9	5·302	5·292	5·268	5·242	5·233	5·224	5·222	5·206	5·194	5·202	5·213	5·219	5·237	5·248	5·260	5·280	5·285	5·290	5·307	5·318	5·310	5·332	5·346	5·370	5·267
10	5·372	5·374	5·384	5·356	5·361	5·365	5·352	5·338	5·312	5·277	5·248	5·232	5·223	5·222	5·208	5·206	5·202	5·215	5·222	5·248	5·266	5·267	5·275	5·277	5·283
11	5·286	5·313	5·322	5·331	5·334	5·354	5·373	5·382	5·376	5·391	5·387	5·400	5·416	5·424	5·438	5·438	5·437	5·444	5·448	5·448	5·456	5·452	5·450	5·467	5·399
12	5·474	5·470	5·474	5·474	5·481	5·496	5·497	5·508	5·512	5·532	5·542	5·549	5·551	5·565	5·575	5·573	5·574	5·578	5·580	5·576	5·578	5·577	5·574	5·570	5·537
13	5·560	5·554	5·548	5·536	5·538	5·540	5·546	5·547	5·556	5·555	5·562	5·566	5·570	5·580	5·583	5·574	5·573	5·571	5·573	5·574	5·573	5·572	5·569	5·565	5·562
14	5·559	5·554	5·545	5·539	5·539	5·542	5·542	5·539	5·537	5·539	5·534	5·536	5·536	5·535	5·535	5·523	5·516	5·509	5·507	5·502	5·499	5·494	5·483	5·475	5·526
15	5·464	5·451	5·439	5·433	5·420	5·417	5·412	5·404	5·390	5·385	5·376	5·366	5·354	5·337	5·324	5·315	5·296	5·285	5·275	5·263	5·259	5·253	5·242	5·227	5·349
16	5·226	5·215	5·194	5·183	5·181	5·172	5·169	5·165	5·160	5·160	5·155	5·153	5·151	5·146	5·146	5·136	5·134	5·133	5·130	5·134	5·140	5·147	5·149	5·145	5·159
17	5·143	5·144	5·148	5·146	5·151	5·160	5·165	5·169	5·163	5·157	5·160	5·164	5·161	5·154	5·142	5·153	5·169	5·165	5·162	5·204	5·228	5·249	5·258	5·268	5·174
18	5·273	5·278	5·278	5·280	5·286	5·303	5·300	5·329	5·339	5·356	5·365	5·383	5·388	5·396	5·399	5·411	5·410	5·418	5·425	5·436	5·446	5·454	5·455	5·456	5·369
19	5·454	5·451	5·446	5·446	5·441	5·449	5·454	5·452	5·458	5·458	5·459	5·461	5·460	5·461	5·457	5·459	5·451	5·452	5·452	5·448	5·446	5·438	5·428	5·426	5·450
20	5·416	5·399	5·395	5·386	5·384	5·386	5·384	5·386	5·396	5·401	5·404	5·401	5·400	5·402	5·399	5·395	5·386	5·382	5·376	5·369	5·370	5·366	5·357	5·356	5·3[illegible]7
21	5·332	5·318	5·311	5·306	5·302	5·301	5·302	5·303	5·299	5·298	5·297	5·298	5·297	5·302	5·301	5·296	5·292	5·285	5·283	5·287	5·284	5·279	5·274	5·263	5·296
22	5·245	5·239	5·233	5·223	5·216	5·214	5·212	5·200	5·204	5·200	5·189	5·181	5·177	5·184	5·180	5·179	5·172	5·167	5·160	5·154	5·157	5·135	5·127	5·120	5·186
23	5·104	5·089	5·067	5·050	5·014	5·006	4·988	4·979	4·982	4·986	4·984	4·980	4·984	4·983	4·981	4·980	4·976	4·976	4·976	4·982	4·985	4·981	4·976	4·982	5·000
24	4·979	4·977	4·966	4·965	4·959	4·962	4·965	4·964	4·970	4·977	4·979	4·985	4·996	5·004	5·021	5·021	5·030	5·038	5·046	5·057	5·063	5·071	5·078	5·083	5·006
25	5·079	5·081	5·080	5·078	5·083	5·082	5·086	5·091	5·096	5·099	5·100	5·106	5·107	5·107	5·102	5·105	5·096	5·091	5·091	5·092	5·094	5·097	5·096	5·091	5·093
26	5·093	5·093	5·090	5·091	5·084	5·084	5·091	5·098	5·108	5·117	5·123	5·136	5·142	5·155	5·161	5·166	5·164	5·165	5·175	5·186	5·196	5·208	5·234	5·218	5·141
27	5·223	5·225	5·227	5·231	5·230	5·237	5·244	5·254	5·263	5·269	5·273	5·279	5·281	5·282	5·284	5·280	5·273	5·265	5·269	5·274	5·276	5·269	5·268	5·270	5·260
28	5·264	5·259	5·254	5·253	5·250	5·249	5·257	5·263	5·268	5·275	5·280	5·286	5·293	5·302	5·298	5·298	5·297	5·297	5·297	5·306	5·307	5·303	5·302	5·296	5·281
29	5·290	5·281	5·265	5·259	5·259	5·256	5·261	5·263	5·259	5·249	5·260	5·259	5·257	5·255	5·248	5·241	5·237	5·233	5·233	5·234	5·230	5·233	5·228	5·220	5·250
30	5·211	5·209	5·203	5·200	5·195	5·196	5·197	5·202	5·200	5·204	5·201	5·202	5·201	5·204	5·214	5·210	5·210	5·214	5·219	5·224	5·225	5·232	5·234	5·237	5·210
31	5·243	5·241	5·248	5·252	5·252	5·258	5·269	5·278	5·289	5·299	5·314	5·329	5·339	5·354	5·352	5·365	5·363	5·370	5·377	5·386	5·392	5·397	5·396	5·407	5·324
MEAN	5·268	5·264	5·258	5·254	5·252	5·254	5·255	5·258	5·260	5·262	5·264	5·267	5·269	5·272	5·272	5·271	5·267	5·267	5·268	5·271	5·274	5·275	5·273	5·272	5·265

BAROMETER. REDUCED TO 32°. 4407 FEET ABOVE SEA LEVEL. FIRST FIGURE OMITTED. AUGUST 1888.

	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	5·410	5·408	5·414	5·415	5·417	5·424	5·433	5·448	5·462	5·467	5·481	5·488	5·501	5·508	5·512	5·514	5·515	5·517	5·523	5·535	5·538	5·544	5·541	5·542	5·482
2	5·544	5·545	5·544	5·542	5·541	5·542	5·547	5·557	5·568	5·567	5·571	5·577	5·587	5·591	5·597	5·593	5·591	5·587	5·586	5·590	5·593	5·596	5·585	5·586	5·572
3	5·575	5·570	5·561	5·546	5·537	5·526	5·514	5·496	5·475	5·444	5·418	5·436	5·410	5·424	5·436	5·441	5·438	5·434	5·433	5·446	5·445	5·450	5·457	5·446	5·473
4	5·442	5·432	5·415	5·409	5·394	5·391	5·386	5·380	5·370	5·357	5·354	5·343	5·330	5·325	5·314	5·297	5·278	5·266	5·251	5·244	5·232	5·230	5·219	5·226	5·329
5	5·222	5·232	5·274	5·299	5·316	5·332	5·353	5·379	5·414	5·430	5·450	5·467	5·493	5·508	5·528	5·542	5·541	5·541	5·547	5·548	5·556	5·541	5·540	5·539	5·441
6	5·534	5·521	5·509	5·502	5·503	5·500	5·505	5·499	5·497	5·491	5·489	5·486	5·489	5·490	5·493	5·489	5·485	5·486	5·489	5·495	5·496	5·501	5·499	5·495	5·498
7	5·483	5·463	5·463	5·449	5·435	5·429	5·420	5·402	5·399	5·387	5·378	5·359	5·375	5·365	5·359	5·348	5·349	5·354	5·356	5·374	5·377	5·382	5·370	5·360	5·393
8	5·349	5·341	5·336	5·329	5·327	5·322	5·332	5·345	5·343	5·345	5·363	5·378	5·398	5·404	5·420	5·424	5·419	5·426	5·439	5·456	5·466	5·467	5·475	5·481	5·391
9	5·483	5·479	5·482	5·484	5·486	5·490	5·501	5·510	5·518	5·534	5·540	5·546	5·551	5·555	5·559	5·552	5·546	5·533	5·544	5·555	5·558	5·559	5·559	5·558	5·528
10	5·556	5·552	5·548	5·545	5·541	5·545	5·542	5·544	5·561	5·567	5·577	5·582	5·589	5·597	5·599	5·601	5·587	5·592	5·597	5·605	5·609	5·617	5·617	5·610	5·578
11	5·613	5·598	5·598	5·590	5·589	5·579	5·584	5·578	5·573	5·570	5·564	5·549	5·545	5·537	5·517	5·520	5·503	5·501	5·491	5·471	5·466	5·446	5·441	5·423	5·535
12	5·407	5·396	5·372	5·360	5·342	5·329	5·311	5·296	5·284	5·279	5·271	5·258	5·245	5·232	5·215	5·193	5·172	5·157	5·145	5·119	5·095	5·080	5·057	5·043	5·236
13	5·023	5·003	4·994	4·991	4·986	4·996	5·007	5·012	5·024	5·046	5·061	5·076	5·093	5·107	5·138	5·186	5·196	5·228	5·245	5·274	5·285	5·300	5·334	5·336	5·123
14	5·358	5·371	5·390	5·391	5·395	5·415	5·429	5·461	5·473	5·495	5·512	5·525	5·539	5·548	5·559	5·564	5·562	5·565	5·567	5·580	5·589	5·598	5·596	5·595	5·503
15	5·590	5·589	5·597	5·595	5·601	5·607	5·615	5·622	5·622	5·627	5·638	5·644	5·649	5·647	5·652	5·654	5·650	5·653	5·657	5·667	5·670	5·670	5·668	5·668	5·636
16	5·664	5·656	5·649	5·647	5·652	5·663	5·664	5·670	5·676	5·683	5·687	5·685	5·686	5·690	5·690	5·692	5·689	5·692	5·695	5·703	5·709	5·712	5·713	5·713	5·682
17	5·711	5·701	5·696	5·688	5·692	5·692	5·697	5·699	5·703	5·712	5·715	5·714	5·717	5·716	5·714	5·714	5·708	5·709	5·708	5·715	5·712	5·712	5·715	5·716	5·707
18	5·701	5·699	5·694	5·692	5·696	5·691	5·691	5·700	5·702	5·705	5·711	5·712	5·715	5·710	5·709	5·708	5·704	5·704	5·700	5·703	5·700	5·691	5·686	5·676	5·790
19	5·663	5·650	5·643	5·631	5·625	5·624	5·623	5·612	5·601	5·595	5·589	5·582	5·570	5·557	5·544	5·530	5·516	5·499	5·485	5·476	5·462	5·449	5·412	5·359	5·554
20	5·360	5·340	5·331	5·318	5·333	5·338	5·338	5·340	5·337	5·340	5·338	5·331	5·328	5·321	5·312	5·304	5·308	5·297	5·291	5·292	5·279	5·266	5·260	5·249	5·315
21	5·234	5·220	5·212	5·195	5·190	5·188	5·185	5·181	5·175	5·173	5·168	5·164	5·166	5·160	5·157	5·155	5·152	5·151	5·156	5·165	5·169	5·166	5·165	5·164	5·175
22	5·161	5·166	5·167	5·168	5·170	5·177	5·182	5·190	5·204	5·213	5·222	5·233	5·242	5·250	5·265	5·276	5·275	5·277	5·284	5·283	5·293	5·293	5·289	5·278	5·232
23	5·271	5·259	5·249	5·233	5·209	5·182	5·167	5·152	5·139	5·133	5·140	5·134	5·133	5·132	5·115	5·067	5·021	4·988	4·956	4·907	4·887	4·911	4·886	4·904	5·091
24	4·897	4·890	4·914	4·929	4·946	4·967	4·974	4·991	4·998	5·003	5·012	5·012	5·021	5·026	5·029	5·038	5·024	5·011	5·019	5·035	5·039	5·047	5·053	5·060	4·997
25	5·070	5·082	5·090	5·097	5·109	5·122	5·136	5·144	5·159	5·175	5·190	5·205	5·208	5·217	5·220	5·216	5·214	5·213	5·215	5·217	5·217	5·204	5·191	5·189	5·171
26	5·181	5·170	5·146	5·128	5·124	5·108	5·099	5·108	5·118	5·128	5·137	5·144	5·147	5·170	5·168	5·161	5·167	5·171	5·168	5·176	5·168	5·156	5·153	5·130	5·147
27	5·131	5·106	5·103	5·098	5·099	5·093	5·096	5·103	5·102	5·103	5·086	5·091	5·093	5·098	5·090	5·090	5·080	5·080	5·073	5·074	5·071	5·079	5·078	5·078	5·091
28	5·074	5·073	5·068	5·064	5·066	5·062	5·066	5·071	5·076	5·070	5·071	5·073	5·077	5·077	5·079	5·074	5·081	5·074	5·077	5·088	5·090	5·092	5·092	5·095	5·076
29	5·093	5·093	5·090	5·090	5·093	5·094	5·095	5·098	5·097	5·103	5·105	5·128	5·123	5·129	5·140	5·140	5·137	5·149	5·163	5·177	5·182	5·189	5·195	5·196	5·129
30	5·198	5·200	5·201	5·202	5·208	5·210	5·227	5·234	5·250	5·272	5·286	5·289	5·306	5·330	5·338	5·357	5·375	5·407	5·424	5·443	5·453	5·465	5·481	5·491	5·319
31	5·501	5·504	5·521	5·531	5·542	5·566	5·584	5·601	5·623	5·628	5·646	5·657	5·666	5·675	5·670	5·676	5·682	5·680	5·676	5·674	5·654	5·648	5·648	5·632	5·620
MEAN	5·371	5·365	5·364	5·360	5·360	5·361	5·365	5·368	5·372	5·376	5·380	5·383	5·387	5·390	5·392	5·391	5·386	5·385	5·386	5·390	5·389	5·389	5·386	5·382	5·378

BAROMETER. Reduced to 32°. 4407 feet above Sea Level. First figure omitted. SEPTEMBER 1888.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	5·616	5·598	5·574	5·547	5·541	5·534	5·522	5·516	5·497	5·483	5·468	5·458	5·452	5·443	5·429	5·425	5·415	5·388	5·371	5·366	5·337	5·340	5·338	5·327	5·458
2	5·316	5·310	5·304	5·304	5·307	5·307	5·340	5·331	5·339	5·361	5·365	5·381	5·383	5·398	5·402	5·406	5·414	5·423	5·430	5·439	5·442	5·442	5·437	5·431	5·376
3	5·420	5·414	5·400	5·389	5·378	5·381	5·373	5·371	5·376	5·371	5·357	5·343	5·347	5·332	5·318	5·307	5·291	5·288	5·289	5·280	5·268	5·241	5·230	5·203	5·332
4	5·197	5·194	5·194	5·187	5·193	5·190	5·200	5·200	5·213	5·221	5·227	5·238	5·247	5·254	5·266	5·269	5·271	5·268	5·268	5·274	5·282	5·290	5·284	5·282	5·238
5	5·274	5·266	5·262	5·257	5·271	5·268	5·290	5·290	5·299	5·298	5·307	5·319	5·327	5·328	5·329	5·326	5·332	5·331	5·319	5·327	5·319	5·300	5·297	5·280	5·301
6	5·279	5·264	5·242	5·204	5·199	5·183	5·161	5·169	5·131	5·144	5·127	5·126	5·131	**5·122**	5·128	5·132	5·138	5·151	5·183	5·194	5·198	5·218	5·251	5·267	5·181
7	5·288	5·330	5·365	5·381	5·398	5·442	5·469	5·494	5·518	5·533	5·560	5·583	5·608	5·623	5·638	5·650	5·668	5·689	5·700	5·715	5·729	5·739	5·752	5·761	5·568
8	5·774	5·771	5·777	5·774	5·785	5·803	5·812	5·835	5·845	5·863	5·867	5·883	5·891	5·893	5·895	5·886	5·890	5·895	5·894	5·902	5·900	5·901	5·903	**5·904**	5·856
9	5·901	5·895	5·885	5·876	5·876	5·873	5·860	5·863	5·866	5·853	5·848	5·841	5·817	5·818	5·788	5·775	5·765	5·757	5·759	5·752	5·751	5·741	5·740	5·730	5·818
10	5·718	5·708	5·698	5·694	5·681	5·683	5·679	5·681	5·683	5·679	5·678	5·673	5·678	5·667	5·659	5·657	5·655	5·649	5·655	5·657	5·657	5·648	5·642	5·633	5·671
11	5·629	5·627	5·621	5·616	5·619	5·625	5·627	5·626	5·636	5·640	5·644	5·646	5·650	5·645	5·644	5·652	5·661	5·669	5·685	5·688	5·689	5·695	5·701	5·708	5·652
12	5·714	5·720	5·716	5·715	5·735	5·742	5·756	5·769	5·785	5·788	5·804	5·806	5·798	5·803	5·804	5·815	5·817	5·816	5·829	5·831	5·840	5·850	5·853	5·860	5·790
13	5·864	5·868	5·865	5·860	5·867	5·870	5·875	5·877	5·881	5·888	5·890	5·890	5·882	5·872	5·867	5·860	5·852	5·847	5·848	5·841	5·839	5·836	5·828	5·824	5·862
14	5·817	5·801	5·795	5·768	5·750	5·751	5·739	5·726	5·722	5·734	5·716	5·721	5·709	5·708	5·699	5·676	5·667	5·648	5·648	5·647	5·623	5·622	5·617	5·605	5·705
15	5·599	5·593	5·580	5·561	5·541	5·541	5·535	5·526	5·518	5·513	5·511	5·506	5·497	5·500	5·493	5·490	5·499	5·501	5·515	5·524	5·528	5·540	5·547	5·558	5·530
16	5·558	5·566	5·572	5·579	5·594	5·603	5·619	5·641	5·656	5·667	5·678	5·675	5·686	5·689	5·696	5·699	5·702	5·711	5·718	5·726	5·726	5·723	5·723	5·719	5·664
17	5·714	5·698	5·696	5·683	5·669	5·674	5·668	5·676	5·687	5·689	5·691	5·685	5·689	5·692	5·690	5·693	5·697	5·705	5·720	5·726	5·731	5·735	5·741	5·743	5·700
18	5·747	5·745	5·743	5·742	5·753	5·756	5·762	5·770	5·779	5·782	5·789	5·788	5·797	5·802	5·796	5·796	5·799	5·801	5·808	5·809	5·812	5·814	5·818	5·817	5·784
19	5·823	5·819	5·812	5·811	5·809	5·815	5·821	5·824	5·823	5·824	5·826	5·831	5·832	5·820	5·819	5·821	5·819	5·823	5·832	5·832	5·830	5·831	5·827	5·826	5·823
10	5·820	5·818	5·805	5·804	5·808	5·808	5·808	5·815	5·826	5·831	5·831	5·829	5·822	5·810	5·803	5·799	5·791	5·791	5·797	5·787	5·787	5·780	5·773	5·762	5·804
21	5·765	5·762	5·749	5·747	5·740	5·742	5·758	5·767	5·767	5·773	5·773	5·772	5·773	5·770	5·770	5·767	5·763	5·763	5·769	5·775	5·767	5·758	5·752	5·737	5·762
22	5·731	5·717	5·711	5·712	5·707	5·704	5·703	5·712	5·707	5·710	5·703	5·708	5·706	5·710	5·707	5·708	5·702	5·704	5·710	5·722	5·723	5·723	5·720	5·719	5·712
23	5·718	5·706	5·704	5·696	5·690	5·691	5·692	5·686	5·687	5·693	5·686	5·686	5·683	5·673	5·667	5·655	5·642	5·639	5·636	5·634	5·629	5·623	5·615	5·602	5·668
24	5·592	5·576	5·560	5·551	5·543	5·539	5·542	5·550	5·556	5·560	5·561	5·559	5·556	5·548	5·541	5·544	5·545	5·559	5·564	5·571	5·581	5·586	5·587	5·586	5·561
25	5·593	5·597	5·598	5·602	5·601	5·614	5·622	5·638	5·644	5·653	5·657	5·668	5·679	5·682	5·680	5·682	5·681	5·692	5·698	5·703	5·709	5·709	5·710	5·709	5·659
26	5·714	5·717	5·709	5·704	5·702	5·706	5·711	5·718	5·719	5·719	5·716	5·726	5·722	5·722	5·719	5·713	5·708	5·709	5·710	5·712	5·714	5·710	5·709	5·695	5·713
27	5·693	5·684	5·680	5·670	5·668	5·664	5·668	5·665	5·666	5·666	5·661	5·654	5·646	5·637	5·632	5·622	5·610	5·609	5·606	5·607	5·599	5·592	5·585	5·576	5·640
28	5·564	5·551	5·536	5·520	5·509	5·504	5·507	5·503	5·496	5·486	5·475	5·467	5·451	5·436	5·415	5·399	5·390	5·386	5·383	5·374	5·359	5·347	5·337	5·320	5·446
29	5·304	5·292	5·274	5·260	5·249	5·244	5·227	5·211	5·211	5·207	5·203	5·200	5·194	5·180	5·172	5·163	5·161	5·175	5·178	5·186	5·195	5·199	5·203	5·200	5·212
30	5·214	5·219	5·210	5·211	5·214	5·221	5·233	5·226	5·237	5·245	5·233	5·236	5·236	5·240	5·227	5·223	5·217	5·205	5·206	5·211	5·198	5·185	5·164	5·158	5·215
Mean	5·599	5·594	5·588	5·581	5·580	5·583	5·586	5·589	5·592	5·596	5·595	5 597	5·596	5·594	5·590	5·587	5·585	5·586	5·591	5·594	5·592	5·591	5·589	5·585	5·590

BAROMETER. Reduced to 32°. 4407 feet above Sea Level. First figure omitted. OCTOBER 1888.

	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	5·138	5·123	5·113	5·102	5·091	5·086	5·086	5·082	5·081	5·078	5·072	5·070	5·064	5·048	5·039	5·022	5·004	4·992	4·981	4·974	4·947	4·940	4·929	4·902	5·040
2	4·876	4·854	4·829	4·786	4·779	4·760	4·739	4·721	4·712	4·714	4·714	4·703	4·708	4·704	4·690	**4·685**	4·716	4·717	4·768	4·791	4·815	4·845	4·846	4·869	4·764
3	4·887	4·892	4·900	4·910	4·925	4·942	4·953	4·965	4·977	4·988	5·026	5·043	5·055	5·060	5·066	5·068	5·069	5·074	5·071	5·072	5·065	5·056	5·046	5·019	5·005
4	5·007	4·975	4·950	4·918	4·888	4·865	4·849	4·860	4·839	4·858	4·840	4·876	4·899	4·912	4·906	4·915	4·919	4·907	4·893	4·881	4·862	4·850	4·874	4·878	4·893
5	4·861	4·859	4·846	4·856	4·892	4·912	4·925	4·940	4·942	4·954	4·969	4·977	4·975	4·997	5·0 6	5·022	5·048	5·070	5·082	5·101	5·116	5·128	5·135	5·142	4·990
6	5·149	5·157	5·171	5·185	5·206	5·216	5·245	5·263	5·293	5·311	5·321	5·327	5·360	5·384	5·400	5·400	5·408	5·428	5·437	5·434	5·451	5·444	5·442	5·434	5·328
7	5·447	5·440	5·423	5·434	5·453	5·463	5·479	5·491	5·501	5·508	5·513	5·522	5·523	5·528	5·536	5·539	5·535	5·541	5·550	5·559	5·566	5·569	5·577	5·578	5·511
8	5·578	5·574	5·568	5·567	5·565	5·573	5·587	5·598	5·608	5·613	5·627	5·626	5·619	5·620	5·613	5·611	5·601	5·602	5·603	5·611	5·603	5·598	5·592	5·582	5·597
9	5·577	5·569	5·562	5·559	5·548	5·548	5·550	5·556	5·552	5·569	5·576	5·580	5·578	5·576	5·567	5·562	5·570	5·576	5·579	5·579	5·571	5·570	5·570	5·567	5·568
10	5·552	5·551	5·544	5·540	5·530	5·530	5·533	5·537	5·532	5·538	5·536	5·531	5·529	5·522	5·521	5·513	5·519	5·521	5·528	5·534	5·530	5·524	5·524	5·515	5·531
11	5·503	5·491	5·482	5·474	5·461	5·462	5·469	5·467	5·462	5·462	5·457	5·437	5·413	5·398	5·391	5·391	5·376	5·358	5·358	5·346	5·345	5·334	5·326	5·319	5·416
12	5·316	5·302	5·285	5·265	5·262	5·248	5·242	5·241	5·236	5·238	5·230	5·223	5·213	5·205	5·203	5·181	5·183	5·184	5·186	5·208	5·217	5·221	5·216	5·249	5·231
13	5·252	5·253	5·247	5·251	5·264	5·286	5·294	5·310	5·329	5·348	5·358	5·371	5·378	5·396	5·410	5·424	5·430	5·446	5·459	5·462	5·474	5·472	5·477	5·474	5·369
14	5·481	5·488	5·477	5·494	5·508	5·505	5·508	5·515	5·516	5·526	5·530	5·523	5·516	5·517	5·526	5·524	5·534	5·542	5·559	5·571	5·570	5·567	5·572	5·578	5·527
15	5·576	5·575	5·587	5·594	5·603	5·599	5·607	5·623	5·638	5·647	5·657	5·663	5·663	5·664	5·673	5·673	5·679	5·691	5·696	5·700	5·705	5·706	5·708	5·704	5·651
16	5·697	5·695	5·688	5·682	5·680	5·679	5·680	5·681	5·681	5·681	5·682	5·680	5·677	5·669	5·666	5·664	5·665	5·674	5·677	5·681	5·689	5·696	5·688	5·690	5·681
17	5·696	5·700	5·680	5·677	5·677	5·677	5·682	5·681	5·685	5·672	5·663	5·675	5·667	5·650	5·649	5·637	5·623	5·620	5·628	5·623	5·627	5·627	5·615	5·601	5·656
18	5·589	5·594	5·564	5·551	5·550	5·545	5·535	5·544	5·551	5·553	5·555	5·562	5·557	5·550	5·550	5·549	5·548	5·546	5·551	5·549	5·549	5·551	5·554	5·559	5·554
19	5·556	5·563	5·546	5·544	5·540	5·536	5·546	5·565	5·570	5·583	5·592	5·601	5·604	5·612	5·618	5·624	5·629	5·643	5·648	5·662	5·670	5·678	5·685	5·698	5·605
20	5·710	5·714	5·719	5·727	5·734	5·745	5·765	5·782	5·799	5·807	5·815	5·824	5·827	5·832	5·834	5·834	5·841	5·857	5·861	5·870	5·874	5·880	5·881	5·881	5·809
21	5·875	5·866	5·870	5·867	5·867	5·868	5·873	5·876	5·885	5·889	**5·896**	**5·896**	5·888	**5·896**	5·888	5·883	5·885	5·891	5·889	5·892	5·888	5·882	5·874	5·868	5·881
22	5·855	5·844	5·837	5·831	5·820	5·819	5·816	5·813	5·810	5·809	5·801	5·791	5·771	5·757	5·747	5·733	5·728	5·719	5·718	5·713	5·699	5·693	5·686	5·672	5·770
23	5·664	5·651	5·637	5·632	5·613	5·611	5·623	5·620	5·618	5·612	5·605	5·593	5·581	5·567	5·550	5·537	5·529	5·524	5·511	5·507	5·499	5·486	5·471	5·459	5·571
24	5·437	5·428	5·411	5·386	5·372	5·365	5·360	5·358	5·355	5·356	5·350	5·328	5·329	5·325	5·320	5·310	5·302	5·294	5·291	5·290	5·273	5·262	5·261	5·248	5·334
25	5·228	5·217	5·200	5·183	5·168	5·153	5·143	5·164	5·154	5·149	5·142	5·110	5·117	5·111	5·105	5·104	5·105	5·116	5·106	5·107	5·106	5·106	5·107	5·102	5·138
26	5·093	5·087	5·062	5·043	5·067	5·093	5·103	5·136	5·154	5·181	5·200	5·207	5·224	5·230	5·234	5·234	5·240	5·227	5·225	5·187	5·192	5·198	5·201	5·211	5·168
27	5·208	5·228	5·238	5·244	5·241	5·257	5·248	5·270	5·252	5·248	5·236	5·236	5·228	5·239	5·256	5·235	5·221	5·252	5·247	5·253	5·257	5·275	5·268	5·264	5·246
28	5·261	5·240	5·220	5·196	5·162	5·191	5·181	5·186	5·180	5·151	5·154	5·130	5·113	5·073	5·059	5·063	5·036	5·057	5·031	5·057	5·117	5·154	5·171	5·174	5·140
29	5·184	5·204	5·221	5·235	5·256	5·251	5·267	5·274	5·283	5·277	5·301	5·275	5·286	5·288	5·303	5·306	5·312	5·308	5·305	5·313	5·325	5·333	5·336	5·340	5·283
30	5·327	5·323	5·316	5·287	5·259	5·243	5·231	5·225	5·204	5·181	5·160	5·119	5·102	5·086	5·064	5·044	5·032	5·037	5·045	5·033	5·024	5·014	5·003	4·999	5·140
31	4·981	4·975	4·958	4·931	4·893	4·857	4·837	4·866	4·916	4·964	5·001	5·010	5·030	5·034	5·029	5·042	5·035	5·044	5·041	5·054	5·058	5·061	5·061	5·062	4·989
Mean	5·373	5·369	5·360	5·353	5·351	5·351	5·353	5·362	5·365	5·370	5·374	5·371	5·371	5·369	5·368	5·365	5·365	5·370	5·372	5·375	5·377	5·378	5·377	5·375	5·367

BAROMETER. Reduced to 32°. 4407 feet above Sea Level. First figure omitted. NOVEMBER 1888.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	5·059	5·065	5·066	5·070	5·078	5·087	5·100	5·125	5·147	5·169	5·192	5·199	5·198	5·197	5·215	5·234	5·260	5·267	5·285	5·296	5·305	5·317	5·340	5·338	5·192
2	5·332	5·327	5·336	5·336	5·340	5·348	5·360	5·358	5·347	5·346	5·346	5·343	5·346	5·341	5·338	5·328	5·325	5·345	5·328	5·319	5·325	5·326	5·330	5·333	5·338
3	5·320	5·313	5·331	5·333	5·333	5·317	5·322	5·331	5·330	5·335	5·346	5·340	5·346	5·331	5·334	5·315	5·325	5·323	5·338	5·331	5·329	5·332	5·318	5·325	5·329
4	5·337	5·336	5·338	5·328	5·322	5·318	5·308	5·319	5·315	5·309	5·291	5·294	5·300	5·293	5·281	5·285	5·283	5·258	5·257	5·265	5·275	5·295	5·307	5·301	5·301
5	5·286	5·280	5·279	5·273	5·270	5·289	5·313	5·324	5·347	5·354	5·369	5·385	5·400	5·400	5·398	5·416	5·442	5·428	5·450	5·460	5·469	5·476	5·477	**5·480**	5·378
6	5·477	5·461	5·449	5·460	5·444	5·450	5·438	5·431	5·429	5·415	5·399	5·402	5·391	5·397	5·383	5·372	5·377	5·385	5·383	5·364	5·362	5·363	5·367	5·359	5·407
7	5·345	5·352	5·334	5·335	5·314	5·331	5·328	5·324	5·317	5·312	5·283	5·281	5·275	5·265	5·258	5·262	5·277	5·293	5·264	5·270	5·252	5·207	5·249	5·225	5·290
8	5·242	5·233	5·229	5·208	5·211	5·223	5·243	5·251	5·276	5·269	5·276	5·284	5·269	5·250	5·273	5·282	5·299	5·294	5·286	5·293	5·288	5·288	5·274	5·268	5·263
9	5·273	5·267	5·262	5·263	5·236	5·232	5·227	5·218	5·219	5·218	5·213	5·201	5·210	5·214	5·244	5·266	5·226	5·220	5·212	5·235	5·188	5·210	5·178	5·163	5·225
10	5·160	5·160	5·168	5·157	5·157	5·129	5·121	5·105	5·050	5·050	5·049	5·007	4·998	4·958	4·940	4·955	4·926	4·917	4·920	4·964	4·932	4·950	4·840	4·868	5·020
11	4·930	4·948	5·007	5·034	5·056	5·070	5·093	5·093	5·136	5·152	5·167	5·191	5·201	5·197	5·206	5·217	5·236	5·248	5·249	5·260	5·271	5·271	5·268	5·259	5·157
12	5·256	5·238	5·210	5·198	5·184	5·161	5·145	5·143	5·132	5·111	5·094	5·081	5·020	5·006	4·987	4·974	5·039	5·005	4·965	4·934	4·895	4·867	4·840	4·840	5·055
13	4·832	4·831	4·853	4·869	4·872	4·892	4·939	4·939	4·944	4·970	4·970	4·980	4·965	4·922	4·907	4·896	4·891	4·926	4·929	4·917	4·920	4·916	4·915	4·921	4·913
14	4·909	4·913	4·899	4·908	4·907	4·911	4·934	4·962	5·006	5·024	5·035	5·046	5·036	5·058	5·056	5·077	5·112	5·166	5·193	5·209	5·228	5·253	5·272	5·283	5·058
15	5·273	5·257	5·227	5·160	5·168	5·090	4·999	4·964	4·931	4·977	5·037	5·082	5·137	5·164	5·214	5·245	5·280	5·303	5·323	5·318	5·309	5·279	5·225	5·159	5·172
16	5·071	4·984	4·945	4·841	4·799	4·739	4·630	4·592	**4·532**	4·534	4·597	4·707	4·850	4·916	4·990	4·997	5·016	5·017	5·037	5·027	4·974	4·903	4·928	4·928	4·856
17	4·928	4·928	4·920	4·904	4·881	4·856	4·830	4·814	4·829	4·847	4·858	4·891	4·913	4·928	4·944	4·975	4·991	5·021	5·039	5·082	5·112	5·157	5·170	5·186	4·958
18	5·198	5·206	5·206	5·205	5·198	5·198	5·183	5·183	5·184	5·192	5·191	5·186	5·174	5·172	5·157	5·163	5·169	5·173	5·162	5·158	5·140	5·138	5·122	5·126	5·174
19	5·124	5·111	5·108	5·068	5·058	5·047	5·041	5·016	4·987	4·952	4·919	4·874	4·833	4·817	4·810	4·808	4·804	4·820	4·804	4·799	4·784	4·805	4·808	4·801	4·917
20	4·802	4·793	4·792	4·779	4·764	4·753	4·725	4·716	4·690	4·697	4·700	4·694	4·696	4·680	4·690	4·769	4·810	4·844	4·875	4·911	4·914	4·948	4·979	5·011	4·793
21	5·032	5·061	5·089	5·082	5·082	5·094	5·099	5·110	5·121	5·133	5·173	5·218	5·243	5·252	5·270	5·288	5·292	5·294	5·275	5·268	5·222	5·182	5·159	5·143	5·174
22	5·138	5·128	5·134	5·140	5·141	5·131	5·080	5·092	5·073	5·062	5·058	5·035	5·048	5·036	5·042	5·048	5·062	5·048	5·075	5·057	5·073	5·077	5·091	5·077	5·081
23	5·103	5·088	5·099	5·115	5·095	5·112	5·123	5·147	5·141	5·169	5·171	5·186	5·194	5·210	5·209	5·229	5·225	5·223	5·214	5·161	5·141	5·096	5·033	4·962	5·144
24	4·945	4·905	4·925	4·905	4·919	4·950	4·975	4·999	5·030	5·046	5·052	5·057	5·055	5·055	5·049	5·048	5·045	5·043	5·039	5·033	5·028	5·042	5·040	5·044	5·010
25	5·033	5·023	4·993	4·957	4·923	4·867	4·817	4·770	4·718	4·727	4·732	4·717	4·719	4·686	4·673	4·677	4·634	4·620	4·624	4·611	4·601	4·592	4·619	4·595	4·747
26	4·602	4·583	4·585	4·591	4·583	4·597	4·614	4·632	4·670	4·689	4·710	4·724	4·761	4·787	4·796	4·817	4·826	4·839	4·848	4·855	4·867	4·878	4·877	4·882	4·734
27	4·871	4·865	4·857	4·823	4·815	4·799	4·784	4·772	4·754	4·751	4·725	4·711	4·686	4·661	4·642	4·625	4·621	4·620	4·623	4·630	4·645	4·672	4·682	4·718	4·723
28	4·746	4·771	4·787	4·800	4·815	4·837	4·850	4·870	4·887	4·910	4·931	4·938	4·940	4·944	4·943	4·951	4·950	4·954	4·959	4·966	4·978	4·976	4·978	4·971	4·902
29	4·969	4·964	4·961	4·959	4·935	4·936	4·910	4·921	4·905	4·891	4·897	4·877	4·838	4·866	4·855	4·847	4·839	4·838	4·807	4·768	4·791	4·790	4·773	4·799	4·872
30	4·792	4·797	4·795	4·818	4·817	4·821	4·833	4·837	4·866	4·874	4·882	4·878	4·891	4·895	4·894	4·905	4·912	4·932	4·943	4·959	4·967	4·979	4·987	4·996	4·886
Mean	5·080	5·073	5·073	5·064	5·057	5·053	5·045	5·045	5·044	5·050	5·055	5·060	5·064	5·063	5·067	5·076	5·083	5·089	5·090	5·091	5·086	5·086	5·082	5·079	5·069

BAROMETER. Reduced to 32°. 4407 feet above Sea Level. First figure omitted. DECEMBER 1888.

	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	5·001	5·004	4·999	4·990	4·985	4·981	4·985	4·985	4·978	4·972	4·970	4·940	4·930	4·910	4·904	4·896	4·897	4·917	4·930	4·952	4·966	4·967	4·998	5·002	4·961
2	5·001	5·004	5·018	5·032	5·048	5·046	5·056	5·074	5·080	5·082	5·084	5·083	5·080	5·072	5·069	5·074	5·084	5·102	5·113	5·116	5·120	5·121	5·120	5·110	5·075
3	5·080	5·068	5·059	5·001	4·984	4·935	4·917	4·870	4·852	4·857	4·854	4·853	4·852	4·849	4·834	4·833	4·831	4·828	4·888	4·913	4·934	4·958	4·979	4·989	4·917
4	4·995	5·009	5·034	5·047	5·072	5·096	5·132	5·158	5·196	5·229	5·263	5·279	5·296	5·310	5·312	5·324	5·330	5·345	5·342	5·344	5·350	5·341	5·334	5·341	5·228
5	5·321	5·311	5·296	5·267	5·235	5·242	5·241	5·252	5·274	5·279	5·287	5·286	5·283	5·280	5·287	5·295	5·305	5·310	5·310	5·319	5·333	5·340	5·350	5·357	5·294
6	5·364	5·369	5·376	5·377	5·382	5·394	5·409	5·436	5·443	5·451	5·460	5·462	5·450	5·446	5·416	5·411	5·399	5·394	5·373	5·324	5·322	5·304	5·260	5·241	5·386
7	5·236	5·226	5·203	5·175	5·149	5·125	5·128	5·103	5·102	5·101	5·107	5·111	5·117	5·121	5·136	5·142	5·170	5·212	5·226	5·245	5·268	5·286	5·311	5·326	5·180
8	5·340	5·345	5·351	5·362	5·367	5·384	5·395	5·408	5·419	5·433	5·433	5·436	5·430	5·421	5·408	5·406	5·411	5·408	5·407	5·407	5·393	5·405	5·409	5·423	5·400
9	5·431	5·436	5·444	5·454	5·469	5·482	5·496	5·512	5·523	5·536	5·556	5·562	5·567	5·569	5·575	5·591	5·609	5·611	5·620	5·627	5·629	5·635	5·646	5·649	5·551
10	5·656	5·662	5·661	5·658	5·663	5·660	5·664	5·669	5·674	5·680	5·680	5·683	5·670	5·657	5·652	5·645	5·643	5·636	5·620	5·610	5·599	5·591	5·582	5·571	5·645
11	5·564	5·550	5·529	5·506	5·492	5·481	5·464	5·468	5·456	5·446	5·442	5·445	5·422	5·412	5·404	5·403	5·405	5·412	5·420	5·428	5·435	5·448	5·454	5·471	5·457
12	5·484	5·493	5·491	5·488	5·489	5·494	5·491	5·497	5·500	5·498	5·501	5·492	5·489	5·486	5·484	5·482	5·492	5·496	5·509	5·505	5·498	5·491	5·491	5·490	5·493
13	5·496	5·494	5·487	5·476	5·478	5·479	5·476	5·484	5·483	5·481	5·454	5·445	5·429	5·422	5·402	5·403	5·390	5·406	5·412	5·410	5·410	5·413	5·420	5·419	5·445
14	5·423	5·427	5·428	5·433	5·428	5·440	5·451	5·467	5·480	5·503	5·520	5·526	5·525	5·532	5·537	5·550	5·566	5·587	5·598	5·615	5·620	5·635	5·641	5·649	5·524
15	5·659	5·667	5·678	5·677	5·682	5·682	5·692	5·703	5·709	5·716	5·726	5·724	5·721	5·720	5·718	5·719	5·725	5·730	5·730	5·735	5·753	5·763	5·766	5·760	5·715
16	**5·768**	5·760	5·756	5·746	5·738	5·729	5·733	5·731	5·709	5·701	5·692	5·684	5·667	5·659	5·623	5·623	5·613	5·611	5·618	5·625	5·620	5·618	5·604	5·611	5·677
17	5·603	5·597	5·581	5·578	5·570	5·571	5·571	5·567	5·569	5·574	5·569	5·570	5·558	5·553	5·543	5·544	5·525	5·525	5·523	5·513	5·515	5·510	5·508	5·504	5·552
18	5·496	5·482	5·475	5·463	5·450	5·437	5·425	5·422	5·412	5·406	5·393	5·371	5·350	5·330	5·305	5·290	5·275	5·254	5·249	5·215	5·185	5·175	5·179	5·160	5·342
19	5·143	5·131	5·118	5·095	5·062	5·049	5·029	5·027	5·007	4·988	4·966	4·909	4·872	4·862	4·854	4·840	4·827	4·808	4·806	4·756	4·758	4·743	4·818	4·836	4·929
20	4·850	4·862	4·874	4·881	4·882	4·892	4·900	4·909	4·916	4·923	4·918	4·908	4·894	4·885	4·871	4·842	4·825	4·812	4·790	4·791	4·768	4·761	4·743	4·730	4·851
21	4·720	4·692	4·662	4·639	4·596	4·565	4·577	4·540	4·496	4·489	4·398	**4·389**	4·415	4·399	4·400	4·403	4·403	4·421	4·421	4·437	4·446	4·481	4·495	4·512	4·500
22	4·494	4·492	4·488	4·511	4·505	4·517	4·546	4·550	4·569	4·617	4·638	4·663	4·678	4·702	4·725	4·736	4·790	4·805	4·839	4·860	4·877	4·896	4·917	4·928	4·681
23	4·934	4·952	4·961	4·970	4·974	4·978	4·970	4·951	4·942	4·946	4·960	4·934	4·914	4·883	4·863	4·856	4·832	4·765	4·769	4·735	4·680	4·650	4·633	4·585	4·860
24	4·582	4·575	4·591	4·606	4·615	4·617	4·613	4·615	4·600	4·603	4·618	4·620	4·637	4·662	4·683	4·726	4·747	4·777	4·790	4·821	4·842	4·864	4·879	4·896	4·691
25	4·905	4·908	4·918	4·917	4·900	4·879	4·852	4·849	4·813	4·783	4·747	4·695	4·622	4·552	4·501	4·467	4·484	4·530	4·544	4·558	4·594	4·613	4·630	4·673	4·706
26	4·696	4·703	4·724	4·747	4·776	4·788	4·821	4·840	4·863	4·887	4·898	4·913	4·931	4·942	4·953	4·977	4·992	5·004	5·019	5·027	5·042	5·042	5·062	5·075	4·905
27	5·077	5·081	5·077	5·071	5·062	5·035	5·018	4·968	4·957	4·928	4·867	4·776	4·675	4·631	4·668	4·705	4·704	4·709	4·701	4·696	4·662	4·652	4·630	4·613	4·832
28	4·617	4·609	4·615	4·617	4·638	4·673	4·703	4·733	4·754	4·776	4·799	4·830	4·858	4·886	4·909	4·959	4·992	5·017	5·041	5·059	5·089	5·116	5·131	5·156	4·857
29	5·164	5·179	5·191	5·202	5·213	5·246	5·270	5·295	5·322	5·346	5·358	5·368	5·379	5·389	5·399	5·414	5·426	5·436	5·446	5·456	5·466	5·464	5·469	5·472	5·349
30	5·471	5·472	5·475	5·465	5·458	5·462	5·457	5·455	5·464	5·464	5·466	5·454	5·437	5·429	5·409	5·400	5·381	5·382	5·380	5·376	5·358	5·348	5·347	5·331	5·423
31	5·304	5·305	5·290	5·284	5·259	5·254	5·255	5·238	5·241	5·228	5·216	5·203	5·183	5·177	5·159	5·156	5·144	5·154	5·158	5·182	5·217	5·249	5·281	5·320	5·227
Mean	5·190	5·189	5·189	5·185	5·181	5·181	5·185	5·186	5·187	5·191	5·188	5·181	5·172	5·166	5·161	5·165	5·168	5·174	5·180	5·182	5·185	5·190	5·196	5·200	5·182

TEMPERATURE. DRY AND WET BULBS. JANUARY 1888.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	19·8	19·8	19·0	19·0	18·8	18·8	19·0	19·0	19·1	19·2	19·0	19·0	18·3	18·3	18·1	18·2	18·0	18·0	18·1	18·1	18·2	18·3	18·8	18·9	19·8	15·1
2	19·1	19·1	19·4	19·4	18·3	18·3	19·1	19·1	18·0	18·0	18·0	18·0	18·0	18·0	18·4	18·4	18·6	18·8	19·1	19·0	19·9	19·9	20·0	20·0	24·1	18·0
3	24·1	24·1	24·0	24·0	23·9	23·9	23·9	23·9	24·0	24·0	23·6	23·6	23·4	23·4	23·4	23·4	23·6	23·6	24·2	24·2	24·4	24·4	25·0	25·0	31·4	23·4
4	30·2	30·2	30·5	30·5	31·8	31·8	32·0	32·0	33·0	33·0	33·2	33·2	34·2	34·0	35·7	35·7	35·0	35·0	35·0	35·0	34·9	34·9	34·6	34·6	35·9	30·2
5	32·8	32·8	31·2	31·2	32·1	32·1	32·0	32·0	31·9	31·9	31·2	31·2	30·5	30·5	30·9	30·9	30·7	30·7	30·9	30·9	30·6	30·7	30·1	30·1	32·8	23·0
6	23·9	23·9	23·9	23·9	24·2	24·2	24·4	24·4	24·0	24·0	24·3	24·3	25·0	25·0	25·7	25·7	25·0	25·0	26·7	26·7	27·9	27·9	30·7	30·7	31·9	23·9
7	31·7	31·7	31·4	31·4	30·7	31·0	30·8	30·8	31·0	31·0	31·2	31·2	30·9	30·9	30·0	30·0	30·1	30·1	30·6	30·6	31·0	31·0	31·5	31·5	35·8	30·0
8	35·5	35·5	36·4	36·3	37·0	37·0	36·4	36·4	36·6	36·6	36·0	36·0	36·0	36·0	37·1	37·2	36·0	36·0	36·0	36·0	36·7	36·7	36·7	36·7	37·1	34·4
9	36·0	36·0	34·9	34·9	35·2	35·2	37·2	37·3	37·2	37·2	36·1	36·1	35·0	35·0	34·7	34·0	34·2	34·1	35·6	33·8	35·8	34·9	35·6	35·0	38·4	34·0
10	37·7	37·6	37·2	37·2	37·8	37·8	37·5	37·5	36·9	36·9	35·6	35·3	34·8	34·5	34·1	34·1	34·0	33·8	33·5	33·6	33·0	33·0	35·0	32·5	40·5	31·8
11	38·7	30·2	39·8	29·6	39·4	29·4	40·9	29·9	43·1	31·3	42·7	31·7	43·4	31·3	43·3	32·0	44·0	32·0	44·0	32·0	44·2	32·0	45·5	33·0	48·3	38·7
12	47·1	35·0	46·0	34·1	46·0	35·0	46·7	35·3	45·2	35·8	43·7	35·0	43·7	34·9	42·2	32·8	41·2	32·0	42·8	31·8	42·6	32·0	41·9	31·0	47·1	32·3
13	33·6	33·6	33·9	33·9	33·0	33·0	34·0	34·0	34·6	34·6	35·2	35·2	34·6	34·7	36·0	35·7	35·7	35·2	38·2	37·4	39·4	38·2	42·0	39·4	42·0	33·0
14	34·9	33·1	33·1	33·1	34·0	34·0	34·2	33·8	33·0	33·0	32·4	32·2	32·8	31·6	33·3	31·1	33·1	32·1	32·8	32·8	33·2	32·0	34·0	32·0	39·6	32·4
15	41·0	29·0	41·3	29·0	40·8	29·9	42·0	30·2	43·2	32·0	42·1	29·5	41·3	29·0	42·8	31·3	40·0	32·0	40·4	32·2	38·9	32·2	39·7	31·2	43·2	32·8
16	35·0	24·2	33·0	24·0	30·1	23·1	29·9	22·1	31·0	22·4	32·0	23·0	20·3	19·8	23·1	21·0	22·9	20·8	30·8	22·4	27·4	22·0	20·5	20·8	35·0	17·8
17	17·2	17·2	17·3	17·3	17·1	17·1	16·7	16·7	18·1	18·0	19·1	19·0	21·0	19·5	23·0	20·1	24·3	20·4	24·1	20·6	25·8	22·6	26·8	22·0	27·8	16·7
18	27·8	22·0	29·8	22·2	29·2	22·2	27·6	22·0	27·1	21·8	27·0	21·0	27·3	20·9	27·3	20·8	24·0	20·0	28·0	21·4	28·4	22·0	19·0	19·0	29·8	19·0
19	25·0	19·2	24·1	19·0	25·0	19·2	26·0	20·0	26·0	19·4	26·3	19·3	24·3	18·6	26·3	19·4	26·9	19·9	28·5	21·0	29·9	22·0	29·4	21·8	29·9	23·9
20	23·9	23·9	25·2	24·2	25·0	23·8	25·0	22·8	28·0	23·0	25·4	23·4	23·8	23·8	25·0	25·0	30·8	23·3	34·0	31·1	35·9	33·8	36·5	35·0	37·6	23·8
21	35·9	35·9	37·6	37·6	37·7	37·7	37·0	37·0	36·5	36·5	35·5	35·5	34·9	34·9	35·0	35·0	34·5	34·5	34·8	34·8	35·2	35·2	34·9	34·9	37·7	33·1
22	34·9	34·9	34·8	34·8	35·0	35·0	35·3	35·3	33·5	33·5	33·1	33·1	34·9	34·9	34·9	34·9	35·3	35·3	35·5	35·5	35·4	35·4	33·2	33·3	35·5	29·6
23	30·0	30·0	30·0	30·0	29·4	29·4	29·7	29·7	30·7	30·7	30·9	30·9	31·0	31·0	31·2	31·2	31·1	31·1	31·2	31·2	31·6	31·6	31·8	31·8	33·1	29·4
24	32·2	32·2	32·1	32·1	33·0	33·0	34·1	34·1	35·0	35·0	33·2	33·3	31·7	32·1	30·0	30·0	30·0	30·0	29·8	29·9	30·2	30·2	29·4	29·6	35·0	26·2
25	33·2	33·2	33·8	33·8	34·0	34·0	34·3	34·3	34·0	34·0	33·0	33·0	32·2	32·2	32·1	31·9	31·1	31·1	32·0	32·0	33·6	33·5	34·4	34·4	34·6	24·1
26	23·8	23·8	23·9	23·9	24·1	24·1	24·3	24·3	24·9	24·9	24·9	24·9	23·6	23·7	22·4	22·6	22·4	22·5	21·3	21·5	21·2	21·3	20·1	20·2	24·9	19·0
27	18·9	18·9	18·3	18·3	18·5	18·5	18·4	18·7	18·4	18·8	18·7	19·0	18·9	19·0	17·7	18·0	18·2	18·3	18·2	18·4	18·0	18·1	17·4	17·7	18·9	9·6
28	13·2	13·2	13·1	13·1	13·1	13·1	14·1	12·9	15·0	14·0	14·4	14·6	15·2	13·7	15·4	14·0	14·6	14·4	14·7	14·5	14·0	13·9	14·2	14·0	18·0	12·3
29	15·8	15·8	16·2	16·2	16·2	16·2	17·1	17·1	17·3	17·3	17·9	17·9	18·1	18·1	17·9	17·9	18·2	18·2	19·0	19·0	19·0	19·0	19·3	19·7	24·4	15·8
30	24·3	24·2	20·0	20·0	20·0	20·0	20·7	20·7	21·3	21·3	21·1	21·1	22·0	22·0	22·0	22·0	21·9	21·9	22·1	22·2	21·9	22·0	21·8	21·9	25·2	18·0
31	19·5	19·5	18·2	18·2	20·1	20·1	22·2	22·1	19·4	19·6	[20·0	20·0]	17·3	17·6	19·4	19·5	21·4	21·4	22·6	22·6	22·0	22·0	21·1	21·1	22·6	14·2
MEAN	28·9	27·1	28·7	26·8	28·7	27·0	29·1	27·3	29·3	27·4	28·9	27·1	28·3	26·7	28·7	26·9	28·6	26·8	29·5	27·5	29·7	27·8	29·1	27·7	32·8	24·7

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	19·0	19·0	19·0	19·0	19·0	19·0	18·4	18·8	18·1	18·3	17·3	17·7	16·7	17·0	15·3	15·8	15·1	15·1	15·5	16·0	16·1	16·1	16·9	16·9	17·9	18·1
2	20·9	21·0	21·7	21·7	22·0	22·0	21·9	21·9	22·6	22·6	23·1	23·0	23·1	23·0	23·0	23·0	23·1	23·1	23·0	23·0	23·9	23·9	24·1	24·1	20·8	20·8
3	24·9	24·9	25·8	25·8	25·9	25·9	26·8	26·8	28·9	28·9	30·3	30·3	31·4	31·3	31·3	31·3	31·0	31·0	30·9	30·9	30·7	30·7	31·0	31·0	26·5	26·5
4	34·8	34·8	34·4	34·4	34·1	34·1	33·7	33·7	33·2	33·2	33·0	33·0	32·2	32·2	31·7	32·0	31·6	31·7	32·0	32·0	32·2	32·2	32·9	32·5	33·2	33·2
5	29·0	29·1	28·0	28·0	28·0	28·0	27·0	27·0	26·2	26·2	25·0	25·0	24·1	24·1	23·0	22·8	23·1	23·1	23·1	23·1	23·1	23·1	23·1	23·1	28·2	28·2
6	31·0	31·0	31·1	31·1	31·6	31·7	31·6	31·7	31·9	31·9	31·9	31·9	31·9	31·9	31·8	31·8	31·2	31·2	31·1	31·1	31·1	31·1	30·8	30·8	28·4	28·5
7	31·2	31·2	30·4	30·5	30·4	30·6	32·1	32·1	33·2	32·7	34·2	34·2	35·3	35·3	35·8	35·8	35·7	35·7	35·5	35·5	35·6	35·6	35·4	35·4	32·3	32·4
8	36·9	36·9	36·3	36·3	36·4	36·4	35·1	35·1	35·3	35·3	34·5	34·5	34·5	34·5	35·0	35·0	34·4	34·4	34·8	34·8	34·7	34·0	36·0	36·0	35·8	35·8
9	35·1	35·1	34·0	34·0	35·6	34·1	36·2	33·8	38·4	34·2	37·0	34·7	37·1	36·0	36·9	36·0	36·8	36·7	37·7	37·6	38·2	37·1	37·8	37·8	36·2	35·4
10	31·8	32·0	37·0	32·3	37·0	32·0	38·8	31·0	35·0	30·7	32·8	30·1	39·0	31·9	38·3	32·0	37·2	31·3	40·5	32·1	37·8	32·0	39·0	32·1	36·3	33·5
11	45·4	33·1	45·8	34·4	45·3	33·6	44·8	33·9	44·2	33·8	44·6	33·3	45·7	33·5	45·6	34·2	46·8	34·8	47·9	35·2	47·4	35·2	48·3	36·0	44·2	32·7
12	40·6	30·5	42·0	31·7	42·0	32·1	39·5	31·8	39·7	31·5	38·4	32·0	41·0	31·8	41·0	32·2	36·2	36·2	35·9	35·9	35·0	35·0	32·3	32·3	41·4	33·2
13	41·5	39·1	39·0	36·7	37·9	36·2	36·9	35·1	35·8	34·2	36·1	34·6	34·0	34·0	34·2	34·0	34·6	33·9	35·6	33·1	34·9	33·0	34·6	33·1	36·1	35·1
14	34·9	31·5	35·5	31·4	35·4	30·2	35·1	31·0	35·8	29·0	35·2	28·0	37·0	28·0	39·1	27·9	39·6	27·8	39·0	27·6	38·8	27·3	39·4	28·0	35·2	30·8
15	38·0	28·4	40·0	30·1	36·9	26·7	38·8	28·4	37·8	27·2	36·4	26·3	36·4	26·0	36·8	25·4	34·2	24·8	34·4	24·3	35·9	24·1	32·8	28·0	38·8	28·6
16	23·9	22·4	21·1	21·1	21·0	21·0	21·0	21·0	20·1	20·2	20·5	20·5	19·9	19·9	18·9	18·9	18·2	18·2	18·2	18·2	18·1	18·1	17·8	17·8	23·9	21·0
17	27·8	22·0	27·4	21·8	26·2	21·9	26·2	21·1	25·9	20·7	25·4	20·3	25·7	20·1	25·0	20·2	23·7	20·0	23·5	20·0	26·0	21·1	25·9	21·6	23·3	20·1
18	25·0	22·3	27·6	23·9	26·3	21·8	26·0	21·0	25·0	20·3	25·0	20·1	25·3	20·1	25·0	20·0	24·5	19·3	23·4	18·8	24·3	19·9	24·9	19·7	26·0	20·9
19	29·2	21·8	27·5	20·8	28·0	21·0	26·1	19·8	24·2	19·0	25·0	19·0	25·3	19·0	25·3	19·0	24·9	19·1	23·9	19·0	24·4	21·2	24·9	24·9	26·1	20·1
20	34·5	33·2	33·1	32·2	34·0	34·0	35·1	35·1	35·9	35·9	36·0	36·0	37·0	37·0	37·6	37·6	36·9	36·9	36·0	36·0	36·1	36·1	36·5	36·5	32·0	30·8
21	34·0	34·0	33·4	33·4	33·3	33·3	33·6	33·6	33·7	33·7	33·5	33·5	33·5	33·5	33·6	33·6	34·2	34·2	33·6	33·6	33·1	33·1	34·4	34·4	34·7	34·7
22	32·3	32·4	32·1	32·1	32·2	32·2	33·8	33·8	33·6	33·6	34·0	34·0	32·0	32·0	31·3	31·3	32·0	32·0	31·0	31·0	29·6	29·6	30·3	30·3	33·3	33·3
23	32·2	32·2	32·2	32·2	32·2	32·2	32·6	32·6	33·1	33·1	32·6	32·7	32·4	32·5	32·3	32·3	32·1	32·1	32·1	32·1	32·3	32·3	32·1	32·1	31·5	31·5
24	26·5	26·7	26·2	26·2	27·7	27·7	28·0	28·0	31·0	31·0	32·1	32·2	33·3	33·0	34·0	34·0	33·8	33·8	33·5	33·5	33·2	33·2	33·0	33·0	31·4	31·4
25	34·6	34·6	34·0	34·0	32·0	32·0	27·0	27·0	26·2	26·3	24·4	24·6	24·7	24·8	25·0	25·0	24·9	25·0	24·2	24·2	24·2	24·2	24·1	24·1	30·1	30·1
26	20·4	20·6	20·3	20·4	20·5	20·5	19·5	19·7	19·6	19·8	19·5	19·8	19·8	19·9	19·0	19·0	19·2	19·3	19·5	19·5	19·4	19·4	19·7	19·7	21·4	21·5
27	16·2	16·6	14·0	14·0	10·2	10·5	9·6	10·0	10·1	10·2	9·9	10·1	9·9	10·1	10·2	10·5	11·4	11·5	12·6	12·7	13·5	13·6	12·6	12·8	15·0	15·2
28	14·3	13·7	18·0	14·1	16·2	14·0	12·3	12·6	15·2	13·4	17·9	14·9	13·1	13·1	13·1	13·1	13·4	13·4	13·6	13·6	14·1	14·1	15·2	15·2	14·5	13·8
29	18·9	19·0	18·8	18·9	18·4	18·8	17·7	17·9	17·7	17·9	17·7	17·9	17·2	17·4	17·8	17·8	19·1	19·1	20·5	20·5	22·8	22·8	24·4	24·3	18·5	18·5
30	21·9	22·0	23·3	23·4	22·8	22·8	23·6	23·6	24·1	24·1	25·0	25·0	25·0	25·0	25·2	25·2	25·1	25·1	24·8	24·9	18·4	18·4	18·0	18·1	22·3	22·4
31	20·6	20·7	20·1	20·1	20·0	20·0	19·0	19·0	18·6	18·8	18·0	[18·0]	17·4	[17·4]	17·0	17·0	16·7	16·9	16·0	16·0	15·4	15·4	14·2	14·2	19·0	19·0
MEAN	29·3	27·5	29·3	27·3	29·0	27·0	28·6	26·7	28·7	26·7	28·6	26·7	28·7	26·6	28·7	26·6	28·4	26·7	28·5	26·6	28·4	26·5	28·5	26·9	28·8	27·0

TEMPERATURE. DRY AND WET BULBS. FEBRUARY 1888.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	14·0	14·0	13·2	13·2	12·2	12·2	11·1	11·2	11·2	10·6	11·5	10·8	10·9	10·8	10·1	10·1	12·3	11·7	13·9	13·0	15·1	13·2	14·2	13·2	18·3	10·1
2	19·8	19·8	19·0	19·0	20·0	20·0	20·5	20·5	20·8	20·8	21·1	21·1	22·5	22·5	23·7	23·7	24·4	24·4	25·0	25·0	26·0	26·0	25·9	25·9	32·8	19·0
3	26·0	26·0	26·1	26·1	26·3	26·4	27·0	27·0	28·0	28·0	27·8	27·8	27·3	27·3	27·8	27·8	28·1	28·1	28·2	28·2	28·5	28·5	28·9	29·0	33·8	26·0
4	33·4	33·4	32·9	32·9	32·9	32·9	32·4	32·4	32·0	32·0	32·0	32·1	31·6	31·6	31·5	31·5	32·0	32·0	32·8	32·2	32·1	32·1	32·0	32·0	34·0	31·5
5	32·3	32·2	33·0	32·4	33·8	33·8	34·3	34·3	35·0	35·0	35·0	35·0	35·1	35·1	35·1	35·1	35·0	35·0	35·1	35·1	35·6	35·6	35·3	35·3	35·6	32·3
6	33·8	33·7	32·2	32·2	32·0	32·0	31·2	31·4	31·8	32·0	32·0	32·0	32·1	32·1	31·5	31·5	31·8	31·8	31·8	31·8	31·2	31·2	31·6	31·6	33·8	31·2
7	27·9	27·9	26·2	26·2	25·3	25·3	25·2	25·2	25·0	25·0	24·9	24·9	24·4	24·7	24·9	24·9	26·0	26·0	26·1	26·1	26·5	26·5	26·8	26·8	30·1	24·4
8	30·6	30·6	30·1	30·1	30·1	30·1	30·2	30·2	30·7	30·7	30·7	30·8	30·6	30·6	30·3	30·5	30·8	30·8	31·0	31·0	31·4	31·4	32·0	32·0	32·8	27·5
9	26·0	26·0	25·3	25·2	24·0	24·0	24·2	24·2	24·3	24·3	24·1	24·1	24·0	24·0	23·7	23·7	22·9	22·9	22·9	23·0	23·9	23·9	23·0	23·1	26·0	20·8
10	21·0	21·0	20·9	20·9	20·1	20·1	20·1	20·1	20·0	20·0	18·9	18·9	18·1	18·1	15·8	15·8	15·2	15·4	15·1	15·1	15·3	15·3	15·3	15·3	21·0	14·8
11	14·9	14·9	15·0	15·0	14·3	14·3	12·9	12·9	13·1	13·0	13·2	13·0	13·9	13·0	13·5	12·4	14·8	13·0	14·6	13·1	14·7	13·3	14·8	13·2	16·0	12·9
12	14·9	14·9	14·7	14·7	15·0	15·0	15·0	15·0	15·2	15·0	15·4	15·5	15·4	15·4	15·0	15·0	15·8	16·0	15·9	15·9	16·1	16·3	16·3	16·2	16·9	13·3
13	13·2	13·2	12·3	12·3	13·0	13·0	13·0	13·0	12·2	12·1	13·0	13·0	13·1	13·1	13·4	13·5	14·3	14·2	15·4	15·4	15·8	15·9	16·2	16·2	17·2	12·2
14	17·1	17·1	16·5	16·5	16·9	17·6	16·1	16·1	15·9	15·9	15·8	15·8	16·1	16·1	15·8	15·8	17·2	17·2	17·2	17·3	17·2	17·0	17·1	17·2	17·2	13·4
15	13·2	13·2	13·0	13·0	12·8	13·0	12·4	12·4	12·4	12·4	12·4	12·4	12·2	12·1	12·5	12·0	13·4	12·4	16·9	14·0	19·0	16·4	15·1	12·9	21·4	12·2
16	16·2	13·9	16·2	14·0	17·2	14·0	19·1	14·8	19·4	15·1	15·9	13·9	17·7	13·9	19·8	15·0	19·5	15·9	16·2	15·8	16·6	17·0	17·1	15·9	24·0	15·1
17	24·1	24·2	24·0	24·0	22·2	22·2	21·8	21·8	21·1	21·1	20·6	20·7	20·1	20·1	18·9	19·0	19·1	19·2	19·0	19·0	19·2	19·3	19·8	19·9	24·1	18·5
18	21·7	21·7	21·8	21·8	22·0	22·0	22·9	22·9	23·0	23·0	23·1	23·1	23·2	23·2	23·5	23·5	23·9	23·9	23·8	23·8	23·1	23·2	21·8	21·9	23·9	10·6
19	11·1	11·1	11·0	11·0	10·9	10·9	11·5	11·5	12·4	12·4	12·4	12·4	12·3	12·3	13·5	13·5	13·9	13·9	14·0	14·0	15·0	15·0	14·8	14·8	16·2	10·9
20	16·3	16·3	16·3	16·3	17·0	17·0	17·5	17·5	17·7	17·8	17·9	17·9	18·0	18·0	17·4	17·5	17·2	17·2	17·9	17·9	18·6	18·6	18·9	18·9	19·2	16·3
21	17·8	17·8	18·1	18·1	18·1	18·1	17·4	17·5	17·1	17·1	17·3	17·3	19·0	19·0	19·3	19·3	20·2	20·2	20·3	20·4	20·6	20·8	21·5	21·6	21·8	17·1
22	21·0	21·0	20·0	20·0	19·7	19·8	19·0	19·0	18·2	18·3	18·1	18·2	18·6	18·7	19·2	19·2	19·6	19·7	20·0	20·0	20·4	20·4	21·1	21·0	21·1	14·6
23	15·2	15·2	15·1	15·1	14·4	14·4	13·9	13·9	14·1	14·0	14·0	14·0	14·1	14·1	13·9	13·9	14·3	14·3	15·7	15·2	16·6	16·4	15·9	16·0	20·0	13·1
24	14·6	14·6	15·0	15·0	15·0	15·0	13·9	13·9	13·1	13·1	12·5	12·5	12·4	12·4	12·4	12·4	12·8	12·8	13·3	13·3	14·1	14·0	14·8	14·8	16·1	12·4
25	15·9	15·9	15·0	15·0	15·0	15·0	14·4	14·5	14·3	14·3	14·3	14·3	14·5	14·6	15·1	14·1	14·5	13·1	14·9	12·6	14·7	12·0	16·3	13·8	20·3	14·3
26	16·7	16·9	18·0	18·0	18·7	18·7	19·0	19·0	19·1	19·1	19·1	19·1	19·5	19·5	19·5	19·5	19·8	19·8	19·8	19·8	19·9	19·9	20·6	20·6	20·8	16·7
27	18·4	18·4	18·8	18·8	18·9	18·9	18·9	18·9	19·2	19·2	18·6	18·6	18·7	18·7	18·7	18·7	18·9	19·0	19·7	20·0	22·4	22·2	21·5	21·8	28·0	18·4
28	25·1	20·1	25·9	21·7	24·9	20·3	23·1	20·0	22·9	19·6	23·3	19·9	22·9	20·0	20·1	19·1	20·7	19·7	21·0	20·0	21·7	20·7	22·0	20·8	27·2	20·1
29	24·2	24·2	24·7	24·7	24·5	24·5	23·2	23·2	22·8	22·8	23·0	23·0	23·0	23·0	23·0	23·0	22·7	22·8	22·3	22·5	24·3	24·3	23·2	23·2	24·7	16·0
MEAN	20·6	20·3	20·4	20·1	20·2	20·0	20·0	19·8	20·1	19·8	19·9	19·7	20·0	19·8	20·0	19·7	20·4	20·1	20·7	20·4	21·2	20·9	21·2	20·9	23·9	17·8

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	14·6	13·3	15·0	13·4	12·0	12·0	15·9	13·6	16·5	13·8	17·4	14·0	13·0	12·2	14·6	13·8	15·0	15·1	16·2	16·2	17·7	17·8	18·3	18·3	14·0	13·2
2	25·7	25·8	26·3	26·3	29·0	29·0	32·0	32·1	32·8	32·2	32·2	32·2	31·7	32·2	29·0	29·0	27·4	27·4	26·2	26·2	25·9	25·9	26·0	26·0	25·5	25·5
3	28·9	29·0	29·8	29·9	29·9	29·9	31·2	31·2	31·3	31·4	31·1	31·1	32·2	32·2	33·1	33·1	33·8	33·7	33·8	33·8	33·4	33·4	33·5	33·5	29·7	29·7
4	33·0	32·2	33·0	33·0	33·5	33·4	34·0	34·0	33·4	33·4	32·1	32·1	31·5	32·2	31·7	31·7	31·8	31·8	31·9	32·0	32·1	32·0	32·1	32·0	32·4	32·4
5	35·3	35·3	35·3	35·3	35·2	35·2	35·3	35·3	35·2	35·2	35·2	35·2	35·1	35·1	35·0	35·0	34·8	34·8	34·4	34·4	34·0	34·0	33·3	33·3	34·6	34·6
6	31·9	31·9	31·9	31·9	31·7	31·7	32·0	32·0	31·2	31·2	31·7	31·7	32·0	32·0	32·1	32·1	32·2	32·2	32·3	32·3	33·1	32·3	32·1	32·2	32·0	32·0
7	26·7	26·7	27·0	27·1	27·1	27·1	27·5	27·5	28·1	28·1	28·6	28·6	29·3	29·3	30·0	30·0	29·8	29·8	28·9	28·9	29·9	29·9	30·1	30·1	27·2	27·2
8	32·0	32·0	31·9	31·9	31·7	31·7	31·8	31·8	31·8	31·8	32·7	32·2	32·7	32·2	32·8	32·6	32·1	32·1	32·1	32·1	29·0	29·0	27·5	27·5	31·1	31·1
9	23·2	23·2	23·4	23·4	22·9	22·9	22·7	22·8	22·6	22·6	22·2	22·2	21·3	21·3	21·3	21·3	21·9	21·9	21·8	21·8	22·0	22·0	20·8	20·8	23·1	23·1
10	15·8	15·8	16·0	16·0	17·0	16·9	16·0	15·9	15·6	15·6	15·8	15·8	15·7	15·7	15·1	15·1	15·4	15·4	15·9	15·9	16·0	16·0	14·8	14·8	16·9	16·9
11	15·5	13·2	16·0	13·3	14·0	13·7	15·4	15·4	15·3	15·3	15·1	15·1	15·9	15·9	15·5	15·5	15·2	15·2	14·7	14·8	14·2	14·2	15·0	15·0	14·6	14·1
12	16·2	16·4	16·0	16·0	16·0	16·0	16·0	16·0	16·9	16·9	16·9	16·9	16·5	16·6	15·1	15·1	13·3	13·3	13·4	13·4	14·0	14·0	13·9	14·0	15·4	15·4
13	16·2	16·5	16·3	16·5	16·5	16·7	16·0	16·0	14·6	14·8	14·5	14·6	15·0	15·0	14·1	14·0	15·9	15·9	16·0	16·0	17·0	17·0	17·2	17·2	14·8	14·8
14	17·0	17·3	16·8	17·0	16·6	16·9	16·1	16·2	16·5	16·6	16·1	16·1	15·5	15·7	15·0	15·0	15·1	15·1	14·6	14·6	14·1	14·2	13·4	13·5	16·1	16·1
15	18·8	14·1	21·4	17·8	18·1	14·2	17·1	13·3	16·1	12·3	16·8	13·2	17·2	13·7	17·1	13·0	16·1	13·0	16·0	13·1	16·1	13·1	16·3	13·2	15·5	13·3
16	16·0	16·0	16·0	16·0	16·3	15·8	15·1	15·5	16·1	16·1	15·8	15·7	16·0	15·8	17·1	17·1	20·6	20·6	23·3	23·3	22·9	22·9	24·0	24·0	17·9	16·6
17	19·1	19·2	18·5	18·8	19·1	19·2	19·5	19·7	19·4	19·6	19·9	19·9	19·8	19·8	19·8	19·8	19·9	19·9	19·9	19·8	20·2	20·2	21·1	21·1	20·3	20·3
18	20·0	20·1	18·9	19·3	16·3	16·6	16·7	16·8	16·1	16·2	15·9	16·0	15·2	15·2	15·0	15·0	16·0	16·0	13·0	13·0	11·4	11·4	10·6	10·7	19·1	19·2
19	15·3	15·3	15·7	15·8	16·2	16·3	15·0	15·0	14·9	14·9	15·6	15·6	16·0	16·0	15·2	15·2	15·7	15·7	16·0	16·0	16·2	16·1	15·9	15·9	14·2	14·2
20	19·2	19·6	18·9	19·0	18·8	18·9	18·1	18·2	18·1	18·1	17·9	18·0	17·9	18·0	17·9	17·9	17·9	17·9	17·5	17·5	17·6	17·6	17·3	17·4	17·8	17·9
21	21·7	21·8	21·3	21·4	21·0	21·0	21·0	21·0	21·1	21·1	20·6	20·6	21·0	21·0	21·2	21·2	21·3	21·3	21·2	21·2	21·3	21·3	21·8	21·7	20·0	20·1
22	20·6	20·6	20·3	20·3	18·1	18·3	16·3	16·8	15·3	15·8	14·6	14·8	14·7	14·8	14·7	14·7	14·9	14·9	14·9	14·9	14·8	14·8	15·0	15·0	17·9	18·0
23	17·3	17·0	17·6	17·8	17·0	17·0	15·4	15·9	20·0	15·6	14·0	14·0	13·9	13·9	13·1	13·1	14·1	14·1	15·0	15·0	15·0	15·0	14·1	14·0	15·2	15·0
24	15·1	15·1	15·4	15·4	14·2	14·2	13·9	13·9	13·4	13·4	15·3	15·2	15·6	15·6	16·1	16·1	15·9	16·0	16·0	16·0	15·6	15·7	15·5	15·5	14·4	14·4
25	17·1	13·8	18·8	15·0	15·3	14·1	16·2	14·2	17·0	13·9	18·0	14·5	19·0	19·0	19·0	19·0	20·1	20·1	20·3	20·3	18·8	18·8	18·1	18·0	16·5	15·4
26	20·5	20·5	20·8	20·8	20·0	20·1	20·8	20·8	20·2	20·2	19·9	19·9	19·9	19·9	20·0	20·0	19·9	19·9	19·2	19·2	18·9	18·9	18·9	18·9	19·5	19·5
27	21·4	21·8	26·3	23·1	25·0	21·9	27·0	24·8	27·0	23·8	26·2	22·2	26·3	22·0	26·3	20·9	27·2	20·9	26·3	20·1	27·9	20·9	28·0	21·1	22·8	20·7
28	22·5	21·2	22·8	21·2	22·6	21·2	22·6	21·1	24·2	22·0	24·2	22·0	25·9	24·3	27·2	26·0	26·2	25·0	25·7	24·0	24·3	23·0	23·1	23·1	23·5	21·5
29	22·9	23·0	21·7	21·7	21·2	21·2	21·2	21·2	21·0	21·0	19·5	19·5	18·1	18·1	17·2	17·2	16·3	16·3	16·0	16·0	18·2	18·0	19·2	18·6	21·4	21·4
MEAN	21·4	21·0	21·7	21·2	21·1	20·8	21·3	21·0	21·4	20·8	21·2	20·7	21·2	20·9	21·1	20·7	21·2	20·9	21·1	20·8	21·1	20·7	20·9	20·6	20·8	20·5

TEMPERATURE. DRY AND WET BULBS. MARCH 1888.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	19·6	18·3	18·3	17·9	18·5	18·4	18·0	18·2	17·9	18·1	18·5	18·6	18·2	18·5	18·3	18·6	18·8	19·0	25·9	21·4	28·6	23·7	26·2	22·8	31·2	17·9
2	29·8	27·1	30·1	29·0	30·9	26·3	29·8	27·2	28·3	24·7	22·2	22·3	23·4	23·4	24·5	24·5	25·3	25·3	26·0	26·0	26·2	26·2	26·7	26·8	30·9	14·7
3	13·4	13·4	13·1	13·1	12·3	12·4	11·3	11·3	12·0	12·0	11·7	11·8	11·8	12·0	12·2	12·2	12·9	12·9	12·9	12·9	14·2	14·2	13·9	13·8	16·0	11·3
4	16·3	16·3	17·1	17·1	17·2	17·3	18·1	18·1	19·1	19·0	20·1	20·1	20·9	20·9	19·1	19·1	19·3	19·3	17·8	17·8	17·4	17·4	17·9	17·8	20·9	13·7
5	14·6	14·7	14·4	14·4	18·6	16·0	18·3	15·2	17·3	15·0	19·2	15·9	20·3	17·5	20·2	19·2	21·9	22·0	22·2	22·2	22·3	22·3	22·9	23·0	25·0	14·4
6	24·8	24·8	25·1	25·0	25·1	25·1	25·1	25·1	25·1	25·1	24·8	24·9	24·8	24·8	25·5	25·5	25·6	25·6	26·1	26·0	26·7	26·7	27·8	27·8	30·8	24·8
7	29·6	29·6	29·9	29·9	29·9	29·9	30·8	30·8	31·2	31·2	31·3	31·3	32·2	32·1	32·7	32·2	32·9	32·5	33·1	33·1	33·4	33·4	33·1	33·1	34·0	29·6
8	33·7	33·7	33·4	33·4	33·9	33·8	33·7	33·7	33·3	33·3	33·2	33·2	33·6	33·6	33·0	33·0	32·3	32·3	33·4	33·4	34·0	34·0	33·9	33·9	34·0	32·0
9	32·0	32·0	32·0	31·9	32·1	32·1	32·1	32·1	30·9	30·9	32·0	32·0	32·3	32·2	32·4	32·2	32·3	32·3	32·2	32·2	32·3	32·3	31·8	32·0	32·4	31·7
10	31·1	31·1	30·3	30·7	30·3	30·3	30·0	30·0	30·8	31·0	30·7	30·7	30·4	30·4	30·7	30·8	30·9	31·0	31·0	31·0	31·6	31·7	32·1	32·0	32·5	26·8
11	26·2	26·2	25·0	25·0	24·4	24·4	25·1	25·1	25·2	25·2	25·2	25·2	25·1	25·1	25·8	25·8	24·6	24·7	24·6	24·7	24·5	24·6	23·1	23·2	26·2	16·0
12	16·1	16·0	15·9	15·9	14·8	14·8	13·1	13·1	11·1	11·1	10·4	10·4	11·0	11·0	10·5	10·5	10·8	10·8	11·5	11·5	12·1	12·1	13·4	13·5	16·1	10·4
13	10·9	10·9	10·7	10·7	10·7	10·7	10·9	10·9	10·8	10·8	11·0	11·0	10·4	10·3	11·0	11·0	11·7	11·7	11·5	11·6	11·8	11·9	12·6	12·7	14·0	10·4
14	11·2	11·2	11·5	11·5	11·7	11·8	11·9	[11·9]	12·3	12·3	13·0	13·0	13·1	13·0	13·9	13·9	14·1	14·1	14·8	14·8	15·1	15·1	15·3	15·4	15·5	11·2
15	14·5	14·5	15·4	15·3	15·0	15·0	14·9	14·9	15·1	15·1	15·1	15·1	14·9	14·9	15·0	15·0	14·9	15·0	15·1	15·2	15·1	15·4	14·9	15·0	15·4	9·2
16	[8·9]	8·9	8·4	8·7	8·2	8·2	8·1	8·1	8·2	8·2	7·2	7·3	7·9	8·0	8·1	8·2	9·6	9·7	12·4	12·0	9·6	10·0	11·4	11·7	13·1	7·2
17	15·3	10·8	15·1	12·0	15·2	14·9	18·6	18·8	19·3	19·3	21·9	21·8	20·8	20·8	19·9	19·9	20·4	20·4	20·7	20·7	22·1	22·0	21·9	21·9	23·9	15·1
18	17·0	17·0	18·3	17·1	19·7	16·9	20·1	17·0	19·1	17·0	18·5	17·0	18·7	17·3	19·1	17·8	19·8	18·0	19·8	18·3	20·7	19·2	21·6	20·2	24·1	17·0
19	23·1	17·0	23·3	17·2	21·5	16·0	20·8	15·8	20·1	16·2	20·7	16·0	20·4	15·5	21·7	15·9	21·1	16·3	22·2	17·2	20·1	16·2	17·1	16·7	23·3	12·2
20	12·2	12·2	12·8	12·8	13·2	12·9	14·8	13·2	17·1	14·0	16·0	13·4	19·8	15·6	17·1	15·8	17·6	17·0	17·1	17·8	20·8	19·2	23·1	18·2	25·0	12·2
21	24·2	17·2	24·0	17·1	23·1	16·6	25·0	18·0	25·8	18·1	27·2	18·9	30·0	22·0	29·9	23·7	29·8	27·0	29·9	28·2	32·5	32·2	30·4	30·5	34·1	23·1
22	33·1	33·1	33·2	33·2	33·2	33·2	32·9	32·9	33·0	33·0	33·0	33·0	33·0	33·0	33·2	33·2	32·6	32·6	33·0	33·0	34·2	34·8	32·0	32·1	34·2	19·2
23	18·1	18·2	16·1	16·2	15·0	15·0	15·0	15·0	15·0	15·0	14·6	14·9	13·8	14·0	13·9	14·0	14·1	14·2	13·8	14·0	14·7	14·8	14·7	14·8	19·6	13·8
24	18·9	18·9	18·5	18·5	18·8	18·8	17·9	18·0	19·1	19·1	19·1	19·2	19·3	19·4	19·9	19·9	20·3	20·3	20·8	20·8	21·1	21·1	21·8	21·8	22·5	16·9
25	17·0	17·0	16·0	16·0	16·2	16·2	16·5	16·5	15·5	15·8	15·5	15·6	14·4	14·6	14·2	14·2	14·0	14·0	17·1	16·3	22·7	21·0	20·5	19·4	22·7	14·0
26	15·5	15·5	15·3	15·2	14·4	14·4	15·6	15·5	15·1	15·0	15·1	15·0	14·7	14·7	14·9	14·8	16·0	15·8	15·6	15·5	18·1	18·2	18·1	18·0	19·8	14·4
27	15·4	15·5	15·2	15·2	14·8	14·8	14·6	14·6	14·1	14·1	13·0	13·0	12·6	12·6	12·6	12·9	13·0	13·0	14·1	13·6	15·2	14·9	16·3	16·8	16·3	12·6
28	14·1	14·2	14·1	14·1	14·3	14·5	14·4	14·5	14·1	14·1	14·7	13·9	15·0	14·0	16·3	14·9	15·1	14·8	14·8	14·8	15·8	15·0	16·3	15·8	18·9	14·1
29	19·2	19·2	19·2	19·2	19·8	19·8	20·0	20·0	20·0	20·0	21·1	21·1	21·1	21·0	21·4	21·4	22·1	22·2	22·1	22·2	23·7	23·6	23·3	23·3	27·0	19·2
30	24·2	24·3	23·9	23·9	23·2	23·2	23·0	23·0	22·7	22·8	22·3	22·3	22·6	22·6	22·2	22·2	22·2	22·2	22·7	22·6	22·2	22·2	22·1	22·0	24·2	18·5
31	18·8	18·8	17·9	17·9	17·2	17·2	17·7	17·8	17·3	17·8	17·5	17·8	18·1	18·6	18·2	18·6	19·1	19·7	20·4	20·9	19·0	19·0	20·0	20·0	20·4	16·1
MEAN	20·0	19·3	19·8	19·2	19·8	19·1	19·9	19·2	19·9	19·2	19·9	19·2	20·1	19·5	20·2	19·7	20·5	20·2	21·1	20·7	21·9	21·4	21·8	21·5	24·0	16·8

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	21·2	19·8	24·1	20·9	31·2	25·2	27·7	23·0	26·6	23·0	27·8	24·2	28·0	23·0	28·0	23·4	30·9	27·0	31·1	28·0	29·7	26·6	29·0	26·0	24·3	21·8
2	26·9	27·0	26·4	26·4	26·3	26·3	26·2	26·2	25·5	25·5	25·0	25·0	24·7	24·7	23·9	23·9	21·2	21·2	20·1	20·1	17·2	17·3	14·7	14·8	25·1	24·5
3	15·0	14·7	14·3	14·3	15·1	15·1	14·5	14·6	15·0	15·0	14·3	14·3	14·7	14·7	15·0	15·0	15·3	15·3	15·4	15·4	16·0	16·0	16·0	16·0	13·8	13·8
4	18·1	18·1	17·3	17·7	17·9	18·0	17·1	17·2	17·0	17·0	16·0	16·0	15·4	15·4	15·0	15·0	15·1	15·1	14·0	14·0	13·7	13·8	14·1	14·1	17·1	17·2
5	23·4	23·4	24·0	24·0	24·3	24·2	25·0	25·0	25·0	25·0	25·0	25·0	24·9	24·9	24·8	24·8	24·8	24·8	24·8	24·7	23·9	23·9	24·6	24·6	21·9	21·3
6	28·5	28·5	28·1	28·1	28·4	28·4	28·8	28·8	27·6	27·6	28·6	28·6	29·2	29·2	30·8	30·8	30·1	30·1	27·4	27·4	28·6	28·6	28·2	28·2	27·1	27·1
7	33·0	33·0	32·8	32·8	32·7	32·7	32·8	32·8	32·8	32·8	32·9	33·0	33·6	33·5	33·2	33·2	33·3	33·2	33·2	33·2	33·8	33·8	34·0	34·0	32·4	32·4
8	33·4	33·4	33·3	33·3	33·8	33·8	33·8	33·8	32·7	32·7	33·0	33·0	33·0	33·0	32·6	32·6	32·3	32·3	32·2	32·2	32·2	32·2	32·0	32·0	33·2	33·2
9	31·7	31·7	32·2	32·2	32·3	32·3	32·3	32·3	32·3	32·2	32·2	32·2	32·0	32·1	32·0	32·0	31·8	31·8	31·7	31·7	31·9	31·9	32·1	32·1	32·0	32·0
10	31·9	32·0	32·5	32·0	31·7	31·9	31·2	31·8	30·7	30·9	30·0	30·0	29·4	29·4	29·0	29·0	28·7	28·7	28·1	28·1	27·0	27·0	26·8	26·8	30·3	30·3
11	21·8	21·9	21·3	21·3	21·0	21·0	20·1	20·1	19·8	19·8	19·0	19·0	18·9	18·9	18·1	18·1	17·6	17·6	17·0	17·0	16·6	16·6	16·0	16·0	21·9	21·9
12	14·1	14·1	13·4	13·4	13·9	13·9	13·4	13·4	12·9	12·9	11·8	11·8	11·3	11·3	11·3	11·3	11·0	11·0	11·0	11·0	10·8	10·8	10·8	10·8	12·4	12·4
13	13·1	13·1	13·3	13·3	14·0	14·0	13·9	13·9	12·9	12·9	12·1	12·1	11·4	11·4	11·3	11·3	11·3	11·3	10·9	10·9	11·1	11·1	11·0	11·0	11·7	11·7
14	15·5	15·8	15·1	15·2	15·5	15·7	15·3	15·3	15·1	15·0	14·8	14·9	14·7	14·7	14·1	14·2	14·8	14·8	15·2	15·2	15·2	15·2	15·3	15·2	14·1	14·1
15	15·4	15·6	13·6	13·6	13·9	13·9	13·2	13·2	12·8	12·8	11·9	11·9	11·6	11·6	11·2	11·1	11·2	11·2	11·0	11·0	10·1	10·1	[9·2]	9·2	13·5	13·6
16	11·5	11·9	13·0	12·8	12·4	12·3	13·1	13·2	12·3	12·1	12·1	12·2	11·6	12·0	11·4	11·8	11·8	12·0	11·7	11·9	11·4	11·6	11·1	10·8	10·5	10·6
17	22·8	22·8	23·9	23·9	22·8	22·8	22·9	22·9	21·8	21·8	22·1	22·0	21·3	21·3	21·6	21·6	21·3	21·3	20·0	20·0	19·2	19·3	17·9	18·0	20·4	20·0
18	22·1	21·0	21·9	20·7	21·7	20·1	21·6	20·9	22·3	20·0	22·1	19·1	20·1	18·8	21·3	18·1	24·1	18·3	23·3	18·6	22·6	17·7	22·3	17·1	20·7	18·5
19	18·1	18·1	20·0	18·0	21·1	17·4	22·0	16·9	17·8	17·8	18·9	15·0	17·3	14·6	16·4	12·5	15·1	12·0	14·2	11·2	13·1	11·0	12·2	12·1	19·1	15·5
20	22·4	19·8	22·0	21·0	22·4	19·9	23·5	20·5	22·4	20·9	22·3	17·0	21·2	16·5	22·1	16·0	23·1	16·5	25·0	18·0	25·0	17·7	25·0	17·2	19·9	16·8
21	31·9	32·1	32·3	32·2	32·0	32·1	32·1	32·1	33·4	33·4	33·9	33·9	33·0	33·0	34·1	34·1	32·3	32·3	34·0	34·0	33·0	33·0	32·9	32·9	30·3	27·7
22	31·5	32·1	31·8	31·8	29·8	29·9	27·2	27·4	26·9	26·9	25·4	25·7	24·1	24·1	23·3	23·6	22·6	22·8	21·9	21·9	21·3	21·4	19·2	19·4	29·2	29·3
23	15·2	15·3	16·5	16·5	16·0	16·0	16·1	16·1	17·0	17·1	18·0	18·0	19·1	19·1	19·6	19·6	19·1	19·1	19·0	19·0	19·0	19·0	18·4	18·7	16·3	16·4
24	22·5	22·5	22·0	22·0	22·0	22·0	22·1	22·1	21·3	21·3	20·7	20·7	20·2	20·2	20·1	20·1	19·9	19·9	18·9	18·9	17·9	18·0	16·9	17·0	20·0	20·0
25	19·7	19·6	17·5	17·8	17·3	17·0	16·5	16·4	15·2	15·3	14·3	14·3	14·4	14·2	14·1	14·1	15·9	14·2	15·2	14·8	14·5	14·0	15·0	15·0	16·2	16·0
26	17·9	18·0	18·9	18·7	19·8	19·8	18·7	18·7	18·0	18·0	17·7	17·7	17·1	17·1	16·6	16·4	16·7	16·7	16·6	16·6	16·8	16·8	16·0	16·0	16·6	16·6
27	16·1	16·3	15·8	15·0	16·1	16·2	16·0	16·3	16·1	16·3	15·8	16·0	14·2	14·0	13·5	13·8	13·7	14·0	14·0	14·0	14·1	14·1	14·2	14·2	14·6	14·6
28	16·1	16·6	16·5	16·8	17·0	17·0	17·1	17·1	17·2	17·3	17·1	17·3	17·3	17·5	18·0	18·0	18·2	18·2	18·3	18·3	18·8	18·9	18·9	18·9	16·2	16·1
29	24·3	24·3	25·0	24·9	25·4	25·4	27·0	27·0	26·9	26·9	25·1	25·1	25·2	25·2	25·2	25·2	25·3	25·3	24·9	24·9	24·9	24·9	24·2	24·2	23·2	23·2
30	22·1	22·0	21·9	21·9	22·3	22·3	21·7	21·7	21·8	21·8	21·1	21·2	20·8	20·8	20·8	20·8	20·1	20·1	19·8	19·9	19·5	19·5	18·5	18·9	21·8	21·8
31	20·2	20·3	20·2	20·2	20·0	20·0	19·7	19·7	19·3	19·4	19·3	19·4	19·1	19·1	19·2	19·2	18·7	18·7	18·4	18·5	17·8	17·9	16·1	16·2	18·7	18·9
MEAN	21·9	21·8	22·0	21·7	22·3	21·8	22·0	21·6	21·6	21·3	21·3	20·8	20·9	20·5	20·9	20·3	20·9	20·2	20·6	20·0	20·2	19·7	19·8	19·3	20·8	20·3

TEMPERATURE. DRY AND WET BULBS. APRIL 1888.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	16·6	16·8	17·9	17·9	19·9	17·4	20·8	17·2	20·5	17·4	20·4	17·8	20·5	17·9	19·7	19·8	21·5	21·5	22·9	22·9	24·5	24·5	25·9	25·9	29·0	16·6
2	27·7	27·7	27·0	27·0	25·7	25·7	24·8	24·8	23·9	24·0	20·1	20·1	20·6	20·6	20·4	20·4	20·1	20·1	20·8	20·8	21·0	21·0	20·4	20·4	27·7	14·7
3	14·2	14·2	14·9	14·9	15·1	15·1	15·1	15·1	15·1	15·1	15·1	15·1	15·1	15·1	15·4	15·4	16·1	16·1	17·7	17·6	19·2	19·0	19·8	19·8	21·8	14·2
4	21·3	21·3	21·1	21·1	20·0	20·0	20·1	20·1	19·9	19·9	19·5	19·5	19·0	19·0	18·6	18·6	18·5	18·4	19·1	19·0	20·0	19·9	20·7	20·5	22·1	17·9
5	18·9	18·0	18·3	18·0	18·0	18·0	18·1	17·9	17·5	17·2	18·0	17·9	18·6	18·0	19·3	18·5	19·8	19·2	21·9	21·0	22·3	21·3	23·3	22·2	23·3	17·5
6	21·1	21·1	20·2	20·2	20·1	20·1	19·7	19·8	19·7	19·8	19·9	20·0	20·1	20·1	21·3	20·0	23·0	20·2	24·1	19·1	23·3	21·0	23·4	22·9	26·8	19·7
7	24·2	24·2	24·2	24·2	24·2	24·2	24·3	24·5	24·1	24·1	24·8	24·8	24·4	24·4	24·9	24·9	25·3	25·3	26·7	26·8	26·6	26·7	27·0	27·1	28·8	24·1
8	27·8	27·8	27·4	27·4	26·6	26·6	26·1	26·1	25·0	25·0	24·7	24·4	25·5	22·3	26·0	20·6	25·8	21·6	25·0	21·3	26·0	20·0	27·4	27·0	29·9	23·1
9	20·7	20·7	22·1	20·8	22·5	20·0	22·4	19·0	21·8	19·1	22·6	19·0	23·7	19·0	23·2	20·0	23·9	21·4	24·2	23·8	26·0	26·0	27·3	27·4	30·0	20·7
10	24·2	24·1	24·2	24·2	23·1	23·1	24·2	24·2	25·0	25·0	26·0	26·0	27·0	27·0	28·0	28·0	28·8	28·8	29·2	29·2	29·8	29·9	29·5	29·6	31·1	23·1
11	25·7	25·7	26·1	26·1	25·4	25·5	25·8	25·8	25·7	25·8	25·5	25·5	24·0	24·0	21·8	22·0	21·0	21·0	20·8	20·9	21·9	21·9	22·8	22·8	26·1	20·8
12	20·6	20·8	20·3	20·4	20·4	20·6	20·5	20·6	19·9	20·0	19·7	19·9	20·5	20·0	21·2	20·0	24·5	21·2	26·0	21·4	22·5	23·0	23·0	23·5	30·4	19·7
13	28·4	28·3	28·2	28·2	28·6	28·6	28·7	28·7	28·9	28·9	28·0	28·0	27·5	27·5	27·0	27·1	28·3	28·3	28·7	28·7	28·7	28·7	29·1	29·2	31·0	24·7
14	30·7	30·7	31·2	31·2	31·1	31·1	30·9	31·0	30·9	30·9	31·0	31·0	32·1	32·0	32·2	32·2	32·4	32·2	32·3	32·3	32·6	32·4	32·5	32·4	35·5	30·7
15	32·2	32·2	32·0	32·0	31·8	31·8	31·0	31·0	30·7	30·7	30·5	30·5	31·3	31·3	31·9	31·8	32·2	32·2	32·3	32·2	32·4	32·3	32·4	32·3	32·7	30·5
16	29·2	29·2	29·0	29·0	28·1	28·1	27·1	27·2	27·4	27·4	27·4	27·7	28·7	28·8	29·7	29·7	31·5	31·7	31·2	31·3	31·3	31·4	32·0	32·0	32·1	27·1
17	30·9	30·9	31·1	31·1	31·3	31·3	31·1	31·1	30·6	30·7	30·8	30·8	31·0	31·0	29·7	29·7	30·5	30·6	31·0	31·0	31·3	31·3	31·9	31·9	32·1	29·5
18	29·2	29·2	29·0	29·0	28·9	28·9	29·0	29·0	28·3	28·3	28·1	28·1	28·0	28·0	28·2	28·3	27·7	27·7	29·3	29·3	29·0	29·1	29·4	29·5	30·8	27·7
19	29·0	29·0	29·6	28·5	28·9	29·0	29·0	28·9	28·9	28·3	29·0	28·3	29·6	28·3	30·4	29·6	31·9	30·0	31·8	30·0	32·1	31·5	31·7	31·3	32·3	28·1
20	28·6	28·6	28·1	28·1	28·0	28·0	27·3	27·3	27·1	27·1	26·9	27·0	26·3	26·3	25·0	25·0	24·8	24·8	24·0	24·0	23·7	23·7	22·8	22·9	28·6	17·0
21	18·2	18·2	17·1	17·1	16·9	16·9	17·0	17·0	16·8	16·8	17·5	17·5	18·0	18·0	17·8	17·8	18·0	18·0	18·6	18·6	19·5	19·5	20·0	20·0	20·2	16·1
22	16·1	16·1	16·0	16·0	15·3	15·3	15·1	15·1	15·7	15·7	17·4	17·6	19·1	19·1	21·1	21·2	21·9	22·0	22·7	22·7	23·9	23·9	24·6	24·7	25·4	15·1
23	22·4	22·4	22·9	22·9	23·0	23·0	22·0	22·0	21·8	21·7	21·9	21·9	22·8	22·7	22·8	22·8	23·5	23·5	23·6	23·6	24·7	24·7	24·1	24·1	25·3	21·2
24	20·3	20·3	21·1	21·1	20·9	20·9	18·4	18·1	18·9	17·7	20·6	18·0	20·6	17·7	22·2	18·8	23·5	19·4	23·9	21·0	24·4	22·4	25·1	23·0	29·9	18·4
25	21·3	19·1	22·2	20·1	21·9	20·9	20·9	21·0	21·6	21·6	22·4	22·4	22·7	22·7	23·4	23·4	23·0	23·1	20·6	20·9	22·9	23·1	25·3	24·9	26·0	20·6
26	25·0	23·2	24·9	23·0	24·3	21·7	23·1	21·2	22·8	22·3	22·4	22·1	24·1	24·1	24·4	24·4	25·2	25·3	27·5	27·6	28·7	28·6	29·3	29·1	29·3	22·4
27	28·9	28·9	29·9	30·0	31·0	31·0	31·2	31·2	29·8	29·8	28·9	28·9	28·4	28·4	28·0	28·0	27·8	27·8	27·7	27·7	27·2	27·3	27·1	27·1	31·2	25·8
28	26·0	26·0	26·1	26·1	26·1	26·1	25·9	25·9	26·1	26·1	26·8	26·8	27·8	27·8	30·0	30·0	32·0	32·0	32·4	32·4	33·2	33·2	32·0	32·2	33·2	25·9
29	27·2	27·2	27·9	28·0	27·5	27·7	27·1	27·1	26·9	26·9	26·8	26·8	25·9	25·9	26·2	26·2	26·6	26·6	26·7	26·7	27·0	27·0	27·0	27·1	28·0	25·2
30	25·2	25·2	24·8	24·8	24·9	24·9	24·4	24·4	24·0	24·0	24·2	24·2	24·7	24·7	25·1	25·2	26·4	26·4	26·7	26·7	27·0	27·1	27·7	27·9	30·3	24·0
MEAN	24·4	24·2	24·5	24·3	24·3	24·0	24·0	23·7	23·8	23·6	23·9	23·6	24·3	23·7	24·5	24·0	25·2	24·5	25·6	25·0	26·0	25·7	26·5	26·4	28·7	22·1

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	27·5	27·5	28·4	28·4	29·0	29·0	28·9	28·9	28·7	28·7	28·5	28·5	28·6	28·6	28·0	28·0	28·6	28·6	28·3	28·4	28·1	28·1	27·8	27·8	24·6	24·1
2	20·3	20·3	19·2	19·2	18·2	18·2	18·2	18·2	17·2	17·2	17·0	17·0	17·0	17·0	16·7	16·7	15·1	15·1	15·0	15·0	14·7	14·7	14·8	14·8	19·8	19·8
3	20·7	20·8	20·0	20·0	20·9	20·8	20·6	20·6	20·1	20·0	19·9	19·9	19·2	19·3	19·3	19·5	18·9	18·9	20·2	20·2	21·0	21·0	21·8	21·8	18·1	18·1
4	21·5	21·3	21·1	21·0	22·1	22·1	22·1	22·1	22·0	22·0	21·9	22·0	21·1	21·1	21·1	21·1	21·0	21·0	20·2	20·2	19·4	19·6	17·9	17·9	20·4	20·4
5	22·8	22·6	23·2	22·8	22·9	23·0	23·1	23·3	23·1	23·2	23·0	23·2	22·8	23·0	23·1	23·2	23·0	23·0	22·2	22·2	22·3	22·4	21·9	21·9	21·1	20·9
6	25·2	24·4	25·8	25·0	26·8	25·7	25·4	24·7	26·7	25·8	26·0	26·0	25·5	25·5	25·0	25·0	24·5	24·5	24·7	24·7	24·6	24·6	25·0	25·0	23·4	22·7
7	27·7	27·9	28·2	28·2	27·4	27·6	28·8	28·9	28·3	28·6	27·9	27·9	27·8	27·9	28·0	28·0	28·0	28·0	28·0	28·0	28·0	28·0	27·9	27·9	26·5	26·6
8	27·6	27·6	28·8	26·9	29·9	28·0	28·0	25·0	26·9	25·6	26·7	25·7	25·2	25·2	25·7	25·8	24·3	24·4	24·2	24·4	24·0	24·0	23·1	23·1	26·2	24·8
9	28·6	28·7	29·0	29·0	29·8	29·8	29·9	29·9	30·0	30·0	29·8	29·8	29·4	29·4	28·5	28·5	27·1	27·2	26·8	26·8	26·1	26·1	25·1	25·1	25·9	24·9
10	29·4	29·6	29·4	29·4	29·9	29·9	30·2	30·3	30·0	30·0	30·0	30·0	30·0	30·1	30·3	30·3	30·7	30·7	31·1	31·1	30·6	30·6	29·1	29·1	28·3	28·3
11	22·3	22·3	21·2	21·3	22·5	22·5	21·9	21·9	22·6	22·6	22·0	22·0	21·3	21·4	21·6	21·6	21·0	21·0	21·2	21·2	21·2	21·2	21·1	21·1	22·8	22·8
12	23·9	22·6	24·5	24·6	24·9	24·9	24·9	24·9	26·6	26·6	28·3	28·3	29·8	29·8	30·4	30·4	30·1	30·1	27·9	27·9	27·8	27·8	27·4	27·4	24·4	24·0
13	29·9	29·9	28·8	28·8	28·7	28·7	28·6	28·6	27·7	27·8	27·1	27·1	27·2	27·2	27·1	27·1	25·9	25·9	24·7	24·7	26·7	26·7	31·0	31·0	28·1	28·1
14	32·3	32·3	32·5	32·4	32·1	32·3	32·5	32·4	35·5	35·4	31·7	32·2	32·2	32·2	32·2	32·2	32·8	32·2	32·8	32·6	32·6	32·6	32·1	32·1	32·1	32·1
15	32·3	32·3	32·2	32·2	32·6	32·5	32·7	32·7	32·2	32·2	32·3	32·3	32·1	32·2	32·0	32·1	32·0	32·0	32·1	32·1	31·8	31·8	31·0	31·0	31·9	31·9
16	32·0	32·0	32·1	32·1	32·0	32·0	32·0	32·0	31·8	31·8	31·7	31·7	30·5	30·6	30·8	30·8	31·1	31·1	31·1	31·1	31·0	31·0	31·3	31·4	30·4	30·5
17	32·0	32·0	32·1	32·1	31·8	31·9	31·7	31·7	31·2	31·2	31·0	31·0	30·3	30·3	29·9	29·9	29·9	30·0	29·7	29·7	29·5	29·5	29·5	29·5	30·8	30·8
18	30·2	30·1	30·0	30·1	30·8	30·8	29·7	29·1	30·7	30·7	30·0	29·9	29·7	29·4	29·0	29·0	29·0	29·0	29·7	29·7	29·8	29·1	29·2	29·4	29·2	29·2
19	29·7	29·6	30·8	29·3	30·9	30·9	32·3	31·0	31·6	31·0	29·4	29·5	29·8	29·8	29·1	29·1	29·1	29·1	29·0	29·0	28·4	28·4	28·1	28·1	30·0	29·5
20	23·3	23·3	23·3	23·5	23·0	23·1	21·8	21·8	20·2	20·3	19·8	19·9	18·8	19·0	18·9	18·9	17·0	17·0	18·1	18·2	19·1	19·1	18·1	18·2	23·1	23·1
21	20·1	20·1	20·2	20·2	20·2	20·2	19·7	19·7	19·6	19·6	18·7	18·8	18·0	18·0	16·9	17·0	17·0	17·0	16·9	17·0	16·1	16·0	17·1	17·1	18·2	18·2
22	24·1	24·1	24·9	24·8	25·4	25·4	25·2	25·1	24·9	24·9	24·1	24·1	23·9	23·9	23·7	23·7	23·5	23·5	23·1	23·1	22·7	22·8	22·2	22·2	21·5	21·5
23	25·3	25·3	24·9	24·9	24·0	24·0	23·9	23·9	23·8	23·9	23·0	23·0	22·7	22·7	23·0	23·0	21·9	21·9	21·8	21·8	21·2	21·2	21·3	21·4	23·0	23·0
24	26·6	23·9	28·0	25·2	28·5	25·9	29·9	25·9	28·3	26·0	27·4	25·8	25·0	24·3	24·3	23·0	24·0	22·0	26·1	20·0	24·1	19·3	21·9	18·9	23·9	21·6
25	24·6	23·5	25·1	23·9	25·7	24·9	25·2	24·9	26·0	25·2	25·2	25·2	22·8	23·0	24·1	23·3	24·1	24·0	24·0	24·0	25·2	23·3	23·9	23·9	23·5	23·0
26	27·8	27·8	28·6	28·6	28·2	28·3	28·2	28·3	28·1	28·1	28·4	28·5	28·0	28·0	28·0	28·0	28·7	28·7	28·5	28·5	29·0	29·0	29·0	29·0	26·8	26·4
27	27·0	27·0	27·3	27·3	26·9	26·9	27·3	27·3	27·2	27·2	26·9	26·9	26·4	26·5	26·6	26·6	26·8	26·8	26·3	26·3	26·0	26·0	25·8	25·8	27·8	27·8
28	31·2	32·0	31·3	31·3	31·7	31·7	31·6	31·6	31·2	31·2	31·7	31·7	31·9	31·9	32·0	32·0	32·0	32·0	31·9	32·0	31·9	32·0	28·3	28·3	30·0	30·1
29	27·0	27·1	26·2	26·2	27·0	27·0	28·0	28·0	26·4	26·4	26·0	26·0	26·0	26·0	25·2	25·2	26·1	26·1	26·0	26·0	25·6	25·6	25·7	25·7	26·6	26·6
30	28·0	28·0	28·8	28·9	28·9	28·9	29·7	29·7	30·0	30·1	30·3	30·3	30·3	30·3	29·9	29·9	29·6	29·6	29·8	29·8	29·8	29·9	30·0	30·0	27·5	27·5
MEAN	26·7	26·5	26·9	26·6	27·1	26·9	27·1	26·7	27·0	26·8	26·5	26·5	26·1	26·1	26·0	26·0	25·8	25·7	25·7	25·5	25·6	25·4	25·3	25·2	25·5	25·3

TEMPERATURE. DRY AND WET BULBS. MAY 1888.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	31·4	31·4	31·1	31·0	30·5	30·5	30·2	30·2	29·9	29·9	30·1	30·1	30·7	30·7	31·0	31·0	31·8	31·8	32·0	32·0	32·2	32·2	32·1	32·1	32·3	25·1
2	24·6	24·6	24·4	24·4	23·9	23·9	23·6	23·6	23·3	23·3	22·3	22·3	24·5	24·5	26·2	26·2	26·2	26·2	26·8	26·8	27·0	27·0	29·0	29·0	30·0	22·3
3	26·8	26·8	27·7	27·7	28·2	28·2	29·0	29·0	27·9	27·9	27·7	27·7	27·7	27·7	28·2	28·2	28·2	28·2	26·3	26·3	26·2	26·2	25·1	25·1	29·0	20·1
4	22·2	22·2	21·1	21·2	21·3	21·3	21·8	21·8	22·1	22·1	22·4	22·4	22·3	22·3	23·3	23·3	24·1	24·1	25·0	25·0	25·1	25·2	26·2	26·4	27·2	21·1
5	25·7	25·7	26·1	26·1	25·8	25·8	25·4	25·4	24·8	24·8	23·7	23·7	22·3	22·3	22·7	22·7	22·7	22·8	23·5	23·5	24·5	24·6	25·0	25·0	26·8	22·3
6	27·1	27·1	27·9	27·9	28·0	28·0	28·2	28·2	29·2	29·2	29·5	29·5	30·3	30·3	31·2	31·2	32·2	32·2	33·0	32·8	34·6	34·6	35·8	35·8	37·4	27·1
7	36·0	36·0	36·4	36·3	36·3	36·3	36·6	36·6	36·9	36·9	35·9	35·9	36·3	36·3	36·9	36·9	36·8	36·8	36·7	36·7	37·2	37·2	37·2	37·2	37·8	34·0
8	33·3	33·3	33·1	33·1	32·1	32·1	29·0	29·1	26·4	26·5	26·2	26·2	26·1	26·1	24·5	24·5	25·0	25·0	24·2	24·2	23·6	23·8	24·1	24·1	33·3	21·1
9	20·1	20·2	19·2	19·5	20·0	19·0	19·9	19·7	20·1	19·2	21·0	19·8	20·6	20·5	21·0	21·2	22·0	21·9	22·3	22·3	23·8	23·8	24·3	23·9	27·7	**19·2**
10	24·0	23·0	25·0	23·3	24·7	23·2	24·1	23·1	24·9	23·9	25·9	24·6	26·8	25·1	29·0	26·8	28·1	27·7	28·1	28·1	28·8	28·1	30·8	30·0	34·0	24·0
11	28·9	28·1	29·1	28·3	29·3	27·8	29·9	25·0	30·7	25·4	30·0	26·2	30·0	26·0	30·8	26·1	32·8	27·2	33·9	28·9	33·8	29·0	34·2	32·1	38·0	28·9
12	38·0	[27·0]	38·0	26·9	37·8	27·0	37·7	28·3	37·5	31·6	37·7	30·0	38·0	28·9	37·7	32·0	37·0	32·0	29·3	29·3	33·8	31·1	35·6	32·0	38·0	29·0
13	29·8	29·8	30·7	30·7	30·8	30·8	31·8	31·8	31·9	31·9	32·2	32·0	32·2	32·2	32·6	32·6	32·2	32·2	30·0	30·0	29·8	29·8	28·9	28·9	32·6	23·2
14	23·1	23·1	22·2	22·2	22·3	22·3	21·2	21·2	21·7	21·7	21·8	21·8	22·0	22·0	22·3	22·3	23·4	23·4	24·2	24·2	24·9	24·9	25·0	25·0	26·2	21·2
15	25·0	25·0	25·0	25·0	25·0	25·0	24·8	24·8	24·3	24·3	25·0	25·0	25·1	25·1	25·5	25·8	26·7	27·1	27·2	27·7	28·0	28·0	28·9	29·2	29·5	24·3
16	26·8	26·9	27·0	27·0	27·0	27·0	28·3	28·3	29·2	29·2	29·2	29·2	29·0	29·0	30·1	30·1	30·7	30·7	30·3	30·3	30·8	30·8	31·5	31·5	33·0	26·8
17	32·3	32·3	32·2	32·2	32·0	32·0	32·2	32·2	32·0	32·0	32·0	32·0	31·8	31·9	31·9	32·0	32·0	32·0	32·0	32·0	32·2	32·2	32·2	32·3	33·4	31·8
18	33·0	33·0	33·0	33·0	33·0	33·0	33·0	33·0	33·0	33·0	32·9	32·9	33·0	33·0	33·2	33·2	33·7	33·7	33·6	33·7	34·0	34·0	35·0	35·0	42·6	32·9
19	40·0	40·0	41·0	40·0	41·2	40·3	42·5	42·5	42·9	43·0	42·9	42·9	44·0	43·9	43·9	43·8	43·9	43·8	44·2	44·2	45·9	44·2	45·2	44·5	46·0	40·0
20	40·0	40·0	36·6	36·8	34·4	34·4	33·1	33·1	33·0	33·0	33·1	33·1	33·2	33·2	32·2	32·3	32·8	32·9	33·3	33·8	34·2	34·2	35·0	35·0	40·0	32·0
21	34·2	31·8	34·5	32·1	34·1	33·6	35·0	34·8	34·8	34·2	35·5	35·2	36·0	36·0	37·0	36·1	39·7	37·9	40·8	38·5	41·6	38·2	43·0	39·6	46·8	34·1
22	41·8	39·9	42·0	39·5	42·1	39·2	41·9	38·1	42·8	39·8	44·2	39·8	45·3	40·3	44·3	40·7	45·6	41·9	46·7	42·1	47·9	43·4	47·4	42·2	**49·9**	41·8
23	43·1	39·2	43·9	38·1	44·0	38·8	44·9	37·0	44·9	37·8	45·0	37·0	45·0	37·9	45·0	37·1	46·0	38·8	46·1	39·9	48·1	41·8	49·1	42·1	49·1	43·1
24	43·6	37·1	42·7	37·0	42·3	36·8	43·1	36·2	43·2	37·2	44·0	37·0	44·0	37·8	44·9	38·9	46·6	39·9	44·8	38·9	45·8	39·7	47·3	41·0	49·1	42·0
25	41·8	39·0	40·8	39·2	40·3	39·0	40·0	37·5	39·6	36·0	39·9	31·0	40·8	30·1	39·3	31·1	40·8	33·0	40·9	32·6	43·8	36·0	45·0	37·9	45·0	36·0
26	37·2	29·9	33·8	29·6	33·1	29·0	33·9	29·0	33·8	29·4	33·1	29·3	33·4	29·4	34·0	31·8	35·7	32·6	34·8	33·7	33·3	32·9	33·3	32·9	38·4	32·1
27	31·9	31·9	32·0	32·0	31·2	31·2	30·8	32·0	30·0	29·2	30·0	29·9	30·8	30·0	31·0	30·2	29·8	29·9	30·0	30·0	30·2	30·2	31·2	31·0	32·0	24·2
28	23·8	23·8	23·2	23·2	21·4	21·5	21·2	21·3	21·1	21·1	22·0	21·7	23·7	22·7	25·0	24·6	25·0	25·0	26·8	26·4	28·0	27·1	27·1	26·1	30·6	21·1
29	23·0	23·0	22·1	22·2	21·7	21·8	21·6	21·8	22·0	22·0	22·2	22·2	23·0	23·0	23·7	23·7	24·0	24·0	25·1	25·1	25·9	25·9	25·9	25·9	31·8	21·6
30	31·3	31·4	31·2	31·2	31·1	31·1	30·9	30·9	31·8	31·8	31·9	31·9	32·1	32·1	32·2	32·2	33·5	32·2	33·8	33·8	34·0	34·0	35·0	35·0	36·0	30·9
31	30·9	31·0	30·0	30·0	29·9	29·9	29·9	29·9	30·0	30·0	30·3	30·3	30·3	30·4	30·3	30·3	30·3	30·3	30·2	30·3	29·0	29·0	28·4	28·7	30·9	25·9
MEAN	31·3	30·1	31·1	29·9	30·8	29·7	30·8	29·5	30·8	29·6	31·0	29·4	31·3	29·7	31·6	30·3	32·2	30·9	32·1	31·1	32·8	31·6	33·3	32·1	35·9	28·4

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	32·0	32·0	32·0	32·0	32·3	32·2	32·3	32·3	31·9	32·1	32·0	32·0	32·1	32·1	29·2	29·3	28·8	28·8	27·0	26·9	26·3	26·3	25·1	25·1	30·6	30·6
2	30·0	30·0	29·1	29·2	29·0	29·0	29·1	29·1	28·5	28·5	27·9	27·9	28·0	28·0	27·8	27·8	27·6	27·6	27·1	27·3	27·1	27·1	27·3	27·3	26·7	26·7
3	25·5	25·5	25·0	25·0	25·4	25·5	27·1	27·1	26·2	26·2	25·0	25·0	24·5	24·5	24·0	24·0	20·1	20·1	22·2	22·2	22·1	22·1	22·3	22·3	25·8	25·8
4	26·4	26·6	27·2	27·4	26·1	26·2	25·1	25·1	25·9	25·9	25·9	25·9	25·0	25·0	25·1	25·2	24·3	24·3	25·0	25·0	25·9	26·0	25·8	25·8	24·4	24·4
5	25·2	25·2	25·3	25·3	26·1	26·1	26·2	26·2	25·9	26·0	25·8	25·9	25·6	25·7	25·4	25·4	25·8	25·8	26·0	26·0	26·5	26·5	26·8	26·8	25·1	25·1
6	37·0	37·0	37·4	37·4	37·1	37·1	36·9	36·9	37·0	37·0	36·0	36·0	36·9	36·9	36·7	36·7	36·4	36·4	36·8	36·8	36·3	36·3	36·0	36·0	33·6	33·6
7	37·2	37·2	37·1	37·1	36·9	36·9	36·8	36·8	36·3	36·3	37·8	37·8	36·8	36·8	36·1	36·1	36·0	36·0	35·9	35·9	35·1	35·1	34·0	34·0	36·5	36·5
8	21·9	22·0	23·1	23·1	22·4	22·5	23·1	23·1	23·0	23·0	23·0	23·0	22·1	22·1	22·1	22·1	21·9	21·9	22·2	22·2	22·0	22·0	21·1	21·2	24·8	24·8
9	24·2	24·0	27·0	25·9	27·7	26·2	27·3	25·8	26·9	26·4	26·5	25·0	27·0	26·8	25·3	24·9	24·9	24·0	25·0	23·8	25·0	23·0	24·8	23·1	23·6	22·9
10	31·3	30·3	31·2	29·7	34·0	31·0	33·0	30·0	33·0	30·8	32·2	31·0	30·5	30·0	29·5	29·3	28·1	28·2	29·2	28·0	29·0	28·0	28·8	28·0	28·8	27·6
11	37·5	32·3	35·6	31·2	35·6	32·3	36·0	33·9	35·8	34·0	34·3	32·4	36·4	29·0	36·9	26·3	37·0	26·3	36·8	26·2	38·0	27·1	38·0	27·0	33·8	28·7
12	31·9	32·0	32·0	32·0	31·6	31·6	31·3	31·3	31·0	30·1	33·3	30·8	29·8	29·8	29·0	29·0	29·0	29·0	29·1	29·1	29·0	29·0	29·2	29·1	33·5	30·0
13	28·7	28·7	27·8	27·8	26·2	26·3	26·9	25·7	26·0	26·0	26·0	26·0	25·6	25·8	25·8	25·9	25·1	25·2	24·3	24·4	23·9	23·9	23·2	23·2	28·4	28·4
14	25·0	25·0	25·2	25·2	26·2	26·2	25·3	25·9	25·1	25·1	25·1	25·1	25·0	25·0	23·9	23·9	23·1	23·1	23·5	23·5	23·1	23·1	23·9	23·9	23·7	23·7
15	29·3	29·4	29·5	29·8	29·3	29·8	29·3	29·6	29·0	29·2	29·0	29·0	28·9	29·0	29·0	29·0	29·0	29·0	29·0	29·0	29·0	29·0	27·9	27·9	27·4	27·6
16	31·2	31·2	29·8	29·8	28·4	28·4	29·8	29·8	30·8	30·8	31·7	31·7	32·0	32·0	32·1	32·1	32·1	32·1	32·9	32·3	32·3	32·3	33·0	33·0	30·2	30·2
17	32·3	32·7	32·9	32·9	33·4	33·4	33·0	33·0	33·0	33·0	32·0	32·0	32·9	32·9	32·1	32·1	32·5	32·5	32·9	32·9	33·0	33·0	33·0	33·0	32·4	32·4
18	34·9	34·9	36·0	36·0	37·8	37·8	38·9	38·9	40·0	40·0	40·2	40·2	40·9	40·9	41·4	41·4	42·2	42·2	42·6	42·6	42·0	42·0	41·8	41·0	36·6	36·6
19	44·5	43·9	45·0	44·9	43·4	43·1	46·0	45·7	44·3	44·1	43·5	43·4	43·3	43·2	43·6	43·6	42·9	42·9	43·0	43·0	43·0	43·0	42·0	42·0	43·4	43·2
20	35·0	35·0	34·9	34·0	33·3	33·3	34·9	34·9	35·0	35·0	34·9	34·9	34·3	34·3	33·6	33·6	33·1	33·1	32·0	32·0	33·2	31·9	33·2	30·8	34·1	33·9
21	43·4	40·1	44·2	40·9	44·1	41·2	44·1	41·5	45·0	42·6	46·8	43·2	46·1	42·1	44·0	40·9	43·0	40·0	41·2	39·3	41·2	39·9	40·8	39·9	40·4	38·3
22	47·9	43·7	49·3	43·3	49·9	44·0	49·1	44·1	48·9	43·3	47·3	42·0	46·7	41·3	45·0	40·9	45·0	41·1	43·3	41·8	44·0	42·0	44·2	40·9	45·5	41·5
23	48·2	41·4	48·7	41·3	48·9	41·3	49·1	41·2	48·1	40·9	47·8	40·3	46·8	40·0	45·3	39·0	44·5	37·8	44·0	37·0	43·8	36·1	44·0	36·9	46·0	39·1
24	47·2	40·7	47·0	42·0	47·3	43·0	47·1	43·0	47·2	42·2	49·1	43·1	49·1	42·9	47·0	41·9	45·0	39·9	43·5	39·0	42·1	38·5	42·0	38·2	45·2	39·7
25	44·2	38·2	43·1	38·0	42·0	38·0	42·1	38·5	41·2	38·1	40·0	37·7	39·1	37·0	36·3	35·3	36·3	35·1	39·0	33·5	36·0	33·3	37·5	30·3	40·4	35·6
26	35·0	34·0	35·9	34·8	37·0	35·3	37·9	35·8	38·4	36·2	37·5	35·5	36·0	34·7	34·9	33·9	34·0	33·1	33·0	32·3	32·1	31·4	32·1	31·2	34·7	32·4
27	31·2	31·0	30·9	30·9	30·0	30·0	28·9	28·9	28·0	28·0	27·5	27·7	27·5	27·7	27·0	27·0	25·7	25·7	25·0	25·0	24·7	24·9	24·2	24·2	29·1	29·1
28	28·7	27·6	29·9	28·2	30·0	27·9	30·6	28·1	29·8	27·8	28·8	28·0	27·6	27·1	27·0	27·0	26·0	26·0	25·0	25·0	24·5	24·5	23·6	23·8	25·8	25·2
29	26·1	26·1	26·5	26·5	27·0	27·0	27·3	27·3	27·1	27·1	27·8	27·8	28·8	28·8	29·9	29·8	30·8	30·8	31·3	31·3	31·2	31·2	31·8	31·8	26·1	26·1
30	34·3	34·3	36·0	36·0	35·3	35·3	34·0	34·0	33·9	33·9	33·9	33·9	34·0	34·0	34·0	34·0	34·1	34·1	34·0	34·0	32·9	32·9	32·1	32·1	33·2	33·2
31	28·1	28·1	27·8	27·9	27·6	27·6	27·1	27·1	27·0	27·0	26·9	26·9	26·8	26·8	26·8	26·9	26·4	26·5	26·3	26·3	26·2	26·1	25·9	25·9	28·4	28·5
MEAN	33·4	32·3	33·6	32·4	33·6	32·4	33·7	32·6	33·5	32·5	33·4	32·3	33·1	32·0	32·4	31·4	32·0	30·9	31·9	30·8	31·6	30·6	31·5	30·2	32·2	31·0

TEMPERATURE. DRY AND WET BULBS. JUNE 1888.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	25·4	25·4	25·2	25·2	24·8	24·8	24·6	24·7	24·5	24·5	24·8	24·8	24·7	24·7	24·7	24·7	25·4	25·6	24·6	24·8	26·2	26·2	24·7	24·9	28·0	24·2
2	25·9	21·0	27·2	22·0	27·9	23·0	27·2	23·0	23·6	23·5	25·1	25·1	25·8	25·8	25·9	25·9	26·0	26·0	26·0	26·0	26·0	26·0	25·6	25·6	27·9	23·5
3	24·0	24·0	24·0	24·0	24·5	24·5	25·2	25·2	27·0	27·0	27·9	27·9	27·6	27·6	28·2	28·2	28·4	28·4	27·9	27·9	28·9	28·9	29·9	29·9	30·0	24·0
4	27·2	27·2	27·1	27·0	25·2	25·2	24·8	24·8	24·5	24·5	24·1	24·1	24·8	24·8	25·0	25·0	26·0	26·1	27·2	27·2	27·3	27·7	28·1	28·2	30·0	24·1
5	27·8	24·9	27·1	24·9	27·1	23·2	26·9	23·4	26·7	24·0	28·2	24·2	28·2	25·2	27·0	25·4	28·2	27·8	29·9	28·8	31·9	30·3	32·8	30·1	34·2	26·0
6	26·0	22·1	26·1	22·9	25·2	23·1	25·0	23·2	25·0	23·6	26·0	24·0	26·8	25·0	26·9	25·3	28·0	27·0	27·9	27·5	29·0	28·1	29·6	28·9	29·6	25·0
7	28·1	28·1	28·0	28·0	28·3	28·3	28·5	28·5	28·8	28·8	29·1	29·1	30·3	30·3	32·2	32·2	32·7	32·7	35·0	35·0	35·2	35·2	37·2	36·1	37·9	28·0
8	37·8	37·8	37·7	37·7	37·0	37·0	36·6	36·6	36·1	36·1	36·8	36·8	36·7	36·7	37·0	37·0	37·3	37·3	37·6	37·6	37·9	27·9	38·1	38·1	41·6	36·1
9	41·7	41·7	41·7	41·7	41·7	41·7	41·7	41·5	41·7	41·7	41·1	41·1	42·8	42·8	43·3	43·3	42·9	42·9	42·0	42·0	42·1	42·1	42·1	42·1	43·3	31·3
10	30·7	30·7	30·0	30·0	30·0	30·0	29·9	29·9	29·9	29·9	30·2	30·2	30·4	30·4	30·2	30·2	30·5	30·5	30·0	30·0	30·2	30·2	30·1	30·1	31·0	28·6
11	29·1	29·1	29·0	[29·0]	29·0	28·8	29·8	29·3	30·8	30·8	30·9	30·9	31·3	31·3	32·0	32·0	33·9	32·3	35·2	34·8	36·7	36·0	37·2	36·7	38·2	29·0
12	38·1	38·1	38·1	38·1	38·1	38·1	38·7	38·7	38·4	38·4	38·8	38·8	38·7	38·8	39·0	39·1	38·5	38·5	38·2	38·2	38·2	38·3	38·5	38·5	39·1	31·0
13	31·8	31·8	32·0	32·0	32·0	32·0	31·9	31·9	31·7	31·7	31·5	31·5	31·8	31·8	31·9	31·9	31·6	31·6	31·9	31·9	32·2	32·2	34·0	34·2	37·0	31·5
14	33·1	32·3	32·7	32·3	32·2	31·6	33·0	32·2	34·1	33·0	34·8	33·5	35·8	34·0	36·4	34·9	37·0	35·2	40·7	38·0	39·7	36·9	41·4	38·8	41·9	32·2
15	36·1	35·3	36·5	36·0	35·9	35·9	34·8	34·8	34·9	34·9	34·0	34·0	34·3	34·3	35·0	35·0	35·7	35·7	36·1	36·1	36·8	36·8	37·6	37·6	40·1	34·0
16	37·9	36·6	38·3	36·9	37·8	36·8	37·2	36·8	37·2	36·6	39·0	37·0	39·0	37·1	40·0	37·9	39·9	38·7	41·0	39·2	42·8	40·4	43·9	41·2	48·4	37·2
17	42·5	40·1	42·1	40·4	40·9	40·1	41·0	40·2	41·2	40·5	41·9	41·2	42·2	41·3	43·0	41·0	43·0	41·0	44·0	41·4	44·3	41·4	47·2	43·2	48·1	40·9
18	44·0	41·7	44·0	40·2	44·1	38·5	43·6	39·1	43·7	33·0	43·1	34·2	45·2	38·0	45·4	39·3	45·2	40·0	46·8	40·0	44·8	42·0	44·8	41·9	46·8	40·0
19	39·0	29·3	39·9	29·9	39·2	28·2	41·0	29·0	41·0	29·0	42·1	29·9	42·9	30·2	43·5	30·8	46·0	32·9	45·4	34·2	44·1	36·0	45·3	38·1	49·1	39·0
20	43·8	32·0	44·2	31·3	43·7	30·9	44·9	31·1	44·6	31·0	43·7	33·7	46·0	37·8	47·8	39·0	49·8	38·3	47·8	41·0	49·9	42·3	51·0	43·2	53·8	43·7
21	44·3	36·6	43·1	38·0	42·1	39·3	41·7	41·2	41·2	40·9	42·0	41·0	43·6	39·5	44·0	40·0	45·4	40·6	45·5	40·9	48·0	41·3	51·0	42·3	51·0	41·2
22	49·5	40·2	49·4	40·0	47·7	42·0	48·4	41·1	48·3	41·8	48·9	41·6	49·1	40·1	49·5	36·1	50·0	38·4	50·9	41·4	52·3	43·1	54·1	45·6	56·4	47·0
23	46·9	40·1	48·1	39·4	48·6	37·8	49·2	38·7	50·1	39·1	50·1	39·1	48·1	36·8	50·1	38·2	50·5	39·3	51·5	40·1	54·2	43·1	56·0	44·0	59·3	46·9
24	47·6	39·1	47·6	38·1	47·4	36·2	47·4	33·6	49·3	34·0	50·3	34·9	51·0	35·2	51·2	37·3	51·6	38·9	52·7	40·9	55·1	43·6	55·2	45·1	58·0	44·2
25	43·3	39·6	44·0	40·1	44·6	40·0	44·8	40·0	46·2	40·1	47·2	38·5	48·5	39·5	49·0	41·2	51·2	44·1	52·9	46·4	55·3	49·1	58·2	50·3	61·6	43·3
26	52·1	48·1	51·4	46·2	50·3	44·5	50·3	44·0	50·9	44·7	51·4	45·4	53·9	43·3	54·8	45·8	55·8	47·9	56·6	49·1	57·9	49·1	57·9	49·5	59·4	50·3
27	50·4	44·5	50·0	42·1	49·1	42·0	50·0	41·3	49·1	39·2	48·4	41·8	50·1	46·7	50·4	49·0	50·9	50·4	50·5	50·3	50·0	50·0	49·8	49·8	50·9	46·1
28	47·0	46·5	47·1	47·1	46·2	46·3	46·7	46·7	46·5	46·5	47·1	47·1	47·4	47·4	47·4	47·4	47·5	47·5	48·1	48·1	47·9	47·9	47·5	47·5	48·1	45·2
29	43·9	43·9	43·5	43·5	43·9	43·9	43·9	44·1	43·2	43·2	41·9	41·9	41·5	41·1	40·3	36·9	42·8	36·9	42·9	37·5	41·9	34·2	39·8	36·0	43·9	32·7
30	34·8	30·9	29·1	28·2	29·1	29·1	29·2	29·2	28·9	28·9	29·0	29·0	32·0	29·3	35·0	32·2	35·4	32·1	35·2	32·3	35·2	32·3	39·8	35·0	42·9	28·9
MEAN	37·7	34·6	37·5	34·4	37·1	34·1	37·3	34·1	37·3	34·0	37·6	34·4	38·4	34·9	38·9	35·4	39·6	36·2	40·1	37·0	40·7	37·6	41·6	38·4	43·6	35·2

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	25·7	25·9	26·2	26·1	26·0	25·9	26·9	26·5	28·0	26·2	26·8	26·2	26·5	25·3	24·6	24·3	24·4	24·1	25·0	23·6	24·2	23·0	25·4	21·8	25·4	25·0
2	25·5	25·5	24·9	24·9	24·7	24·7	24·3	24·3	24·1	24·1	23·7	23·7	23·7	23·7	23·9	23·9	23·9	23·9	23·5	23·7	24·0	24·0	23·8	23·8	25·1	24·3
3	30·0	30·0	29·5	29·5	29·4	29·6	29·4	29·7	29·3	29·3	29·2	29·3	28·4	28·7	28·0	28·0	27·8	27·8	27·8	27·8	27·8	27·8	27·1	27·1	27·8	27·8
4	28·9	29·0	28·8	28·8	29·8	29·8	28·8	28·7	30·0	28·8	29·7	28·7	28·8	28·1	27·8	27·0	27·0	26·3	26·3	26·0	26·2	25·3	26·0	25·4	27·1	26·8
5	34·2	32·1	34·1	32·2	34·0	32·0	33·8	32·2	32·8	31·9	31·3	29·3	30·0	28·0	29·0	26·7	27·9	25·2	27·0	24·0	26·0	23·0	26·2	23·0	29·5	27·2
6	28·0	27·9	27·9	27·9	27·9	28·0	27·2	27·2	27·9	27·9	27·0	27·0	27·0	27·0	27·2	27·2	27·1	27·1	27·6	27·6	27·9	27·9	28·1	28·1	27·2	26·3
7	36·8	36·0	35·9	35·9	36·6	36·7	36·9	36·9	36·8	36·8	37·0	37·0	37·0	37·0	37·0	37·0	37·9	37·8	37·0	37·0	37·8	37·8	37·2	37·2	34·1	34·0
8	38·8	38·8	39·0	39·0	39·8	39·8	40·3	40·3	40·8	40·8	41·0	41·0	40·9	40·9	40·8	40·7	40·9	40·9	40·9	40·9	41·2	41·2	41·6	41·6	38·9	38·9
9	41·9	41·9	42·5	42·5	42·0	42·0	41·0	41·0	39·3	39·3	38·0	38·0	35·3	35·3	33·9	33·9	32·9	32·9	32·1	32·1	32·1	32·1	31·3	32·0	39·5	39·5
10	30·2	30·2	31·0	31·0	29·9	30·0	30·0	30·0	29·8	29·8	30·1	30·1	29·8	29·8	29·8	29·8	29·1	29·1	28·6	28·6	28·9	28·9	29·1	29·1	29·9	29·9
11	36·8	35·5	35·7	35·5	35·9	35·9	35·3	35·3	35·4	35·4	36·0	36·0	36·9	36·9	37·1	37·1	37·5	37·5	38·0	38·1	38·2	38·2	38·1	38·1	34·4	34·2
12	38·8	38·8	39·0	39·1	39·1	39·2	39·1	39·1	37·7	37·7	37·1	37·1	36·8	36·8	34·8	34·8	32·2	32·2	31·1	31·1	31·0	31·0	31·4	31·4	37·1	37·1
13	35·1	34·9	34·8	34·5	35·9	35·1	36·3	35·5	37·0	35·2	36·8	34·9	36·1	34·1	35·0	34·0	34·2	33·7	33·9	33·8	33·5	33·5	33·5	33·0	33·6	33·2
14	40·9	38·3	41·4	39·0	41·0	38·9	41·9	40·0	41·0	38·5	41·0	39·1	39·7	38·1	38·0	36·2	36·9	34·4	36·2	34·5	36·3	35·0	36·1	35·1	37·6	35·8
15	38·0	38·0	39·1	39·2	39·7	39·7	40·1	40·1	40·1	40·1	39·8	39·7	39·3	39·1	39·1	38·1	39·0	35·5	38·2	34·0	37·0	32·9	39·3	30·4	37·4	36·4
16	45·3	42·1	45·1	41·8	48·4	43·2	46·8	43·7	47·0	43·8	46·0	43·5	44·4	43·1	44·5	42·7	43·7	41·8	43·0	41·1	42·8	40·4	42·3	39·5	42·2	40·1
17	46·3	43·0	46·3	42·3	46·9	43·1	48·0	43·8	48·1	45·1	47·1	44·3	47·9	44·4	46·0	43·3	43·6	41·9	44·8	42·2	44·7	41·9	44·3	41·9	44·5	42·0
18	44·8	41·5	46·0	42·7	46·0	43·1	46·2	42·9	45·6	41·9	45·8	42·2	44·0	40·5	44·0	39·0	43·1	37·6	42·2	36·2	40·3	35·0	40·0	32·0	44·3	39·3
19	49·1	41·8	44·9	40·3	44·9	40·9	45·7	42·0	45·4	40·5	47·2	42·7	46·8	40·6	46·2	36·0	45·0	34·8	45·2	32·1	44·9	35·8	44·7	36·7	44·1	35·1
20	52·0	43·9	53·8	44·2	52·1	43·7	52·2	44·1	49·5	48·9	48·0	44·1	48·3	45·1	47·1	43·0	46·3	41·1	45·9	40·2	45·1	37·2	44·0	36·1	47·6	39·1
21	49·8	42·0	50·0	42·8	50·0	43·0	50·1	42·5	50·4	43·0	50·6	44·0	50·9	44·2	49·0	41·8	47·8	39·8	48·8	39·9	47·9	39·6	49·0	39·1	46·9	41·0
22	56·4	47·0	51·6	46·3	54·9	47·9	53·3	47·2	55·8	48·7	54·0	48·0	52·1	47·1	49·1	46·1	50·3	44·9	48·3	43·8	47·9	42·5	47·0	41·4	50·8	43·4
23	57·9	46·1	59·3	47·4	58·9	46·7	56·4	46·3	55·9	46·5	54·1	45·1	53·1	45·1	51·7	44·1	50·0	44·8	49·3	44·1	48·6	42·8	48·1	41·0	51·9	42·3
24	56·2	45·8	57·1	48·4	58·0	48·1	54·9	48·6	54·3	48·8	52·1	47·1	51·3	46·3	49·1	45·9	48·0	45·1	46·3	43·8	46·1	40·9	44·2	41·0	51·0	41·9
25	60·1	53·1	60·2	53·3	61·0	54·1	61·1	54·2	61·0	52·8	60·1	52·4	58·2	52·1	55·5	51·1	54·7	50·9	56·0	49·1	52·9	49·4	52·2	49·2	53·3	47·1
26	58·0	49·0	59·1	49·0	59·4	50·1	58·4	50·1	56·1	48·9	54·3	48·1	53·4	47·4	52·5	46·9	52·6	46·4	52·1	46·0	51·8	45·5	52·0	45·1	54·3	47·1
27	49·5	49·5	50·1	49·4	50·0	49·4	49·8	49·1	50·0	48·8	50·0	48·9	49·9	48·8	49·4	47·8	50·0	46·4	47·9	46·5	46·1	46·1	46·9	47·0	49·5	46·9
28	47·3	47·3	47·3	47·3	47·5	47·5	47·5	47·5	47·7	47·7	47·3	47·3	47·1	47·1	46·7	46·8	46·1	46·1	45·9	46·0	45·3	45·3	45·2	45·2	47·0	47·0
29	35·2	34·6	38·0	35·8	39·0	36·0	40·9	32·8	39·0	36·0	39·5	35·0	37·2	32·2	35·3	31·0	33·2	31·2	33·2	31·8	32·7	30·1	33·9	31·9	39·4	36·7
30	40·7	36·0	40·9	34·9	41·4	36·1	42·9	38·0	42·0	38·0	41·9	38·2	38·9	36·6	37·3	35·8	36·3	35·0	34·0	32·1	35·7	32·0	34·1	32·0	35·8	33·0
MEAN	41·9	38·8	42·0	39·0	42·3	39·3	42·2	39·3	41·9	39·2	41·4	38·9	40·7	38·3	39·6	37·3	39·0	36·5	38·5	35·9	38·2	35·5	38·1	35·2	39·6	36·6

TEMPERATURE. DRY AND WET BULBS. JULY 1888.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	36·0	30·0	37·9	30·0	37·0	29·0	36·0	28·8	37·5	29·0	38·8	30·2	39·7	32·3	40·8	33·0	41·4	33·8	43·3	32·8	42·3	38·9	43·9	39·4	49·1	36·0
2	39·6	35·8	40·0	34·5	38·6	35·2	39·7	32·6	39·2	33·0	39·9	33·7	40·1	38·9	40·8	39·1	40·0	37·3	38·7	38·0	41·0	37·8	39·7	39·2	41·0	38·3
3	39·0	39·0	39·2	39·2	39·8	39·8	38·9	38·9	38·1	38·1	37·6	37·6	37·3	37·3	37·4	37·4	37·2	37·2	37·1	37·1	37·3	37·3	37·9	37·9	39·8	37·1
4	37·5	37·5	37·8	37·8	37·2	37·2	37·7	37·7	37·3	37·3	36·9	36·9	37·1	37·1	38·0	38·1	38·2	38·2	39·1	39·1	39·0	39·0	39·8	39·8	40·4	36·9
5	36·3	36·3	36·0	36·0	35·8	35·8	35·1	35·1	35·2	35·2	35·2	35·2	35·8	35·8	35·7	35·7	35·8	35·8	35·8	35·8	36·0	36·0	35·9	35·9	36·3	32·0
6	31·8	32·0	29·8	29·4	29·7	29·3	29·8	29·3	29·2	29·2	30·3	29·9	30·2	29·7	30·5	30·1	31·6	31·4	31·2	31·0	32·8	32·1	31·0	30·9	35·1	29·2
7	32·2	32·2	32·2	32·2	31·9	32·0	31·8	31·2	31·9	30·3	32·0	31·1	32·6	31·1	32·9	32·0	33·0	32·2	35·0	32·2	36·4	35·0	37·9	36·1	38·0	31·4
8	31·5	31·5	31·7	32·1	32·3	32·2	33·1	33·1	33·7	33·7	33·5	33·5	32·8	32·8	34·9	34·9	34·1	34·1	34·9	34·9	35·8	35·8	36·1	36·1	39·1	31·5
9	39·6	39·5	39·8	39·7	39·9	39·9	39·9	40·0	39·9	40·0	40·1	40·1	40·1	40·1	38·0	38·0	37·2	37·2	38·0	38·0	37·2	37·2	37·2	37·2	40·1	28·9
10	28·7	28·7	28·3	28·3	28·0	28·0	27·8	27·9	28·2	28·2	29·5	29·5	30·1	30·1	30·5	30·5	31·7	31·7	32·2	32·2	31·8	31·8	31·2	31·2	32·2	26·2
11	30·8	30·9	31·0	31·0	30·1	30·1	29·9	29·9	29·9	29·9	30·3	30·3	30·3	30·3	30·8	30·8	31·1	31·1	31·7	31·7	32·2	32·1	32·2	32·2	34·2	29·9
12	31·0	30·0	32·0	30·5	31·1	29·8	31·1	29·6	30·8	29·3	31·8	30·0	33·2	30·2	33·0	30·8	33·8	31·6	37·2	31·8	37·6	34·2	38·0	35·2	40·0	30·8
13	41·0	41·0	42·1	42·1	42·9	42·9	42·0	42·0	41·6	41·6	41·7	41·7	44·1	44·1	43·2	43·2	43·2	43·2	43·9	43·9	44·0	44·0	44·0	44·0	44·3	41·0
14	42·8	42·8	42·8	42·8	42·6	42·2	43·0	43·1	42·3	42·3	41·8	41·8	41·2	39·2	43·1	41·9	43·9	41·4	45·1	41·0	46·4	44·7	47·2	46·0	48·1	41·2
15	44·3	44·1	44·2	44·1	44·5	44·5	44·4	44·4	44·4	44·4	44·3	44·3	45·0	45·0	45·0	45·0	45·8	45·8	45·3	45·3	45·8	45·8	45·8	45·9	45·8	40·2
16	40·1	40·1	38·9	38·9	38·2	38·2	38·0	38·0	37·6	37·6	37·5	37·5	36·5	36·5	36·2	36·2	36·1	36·1	37·2	37·2	37·1	37·1	36·5	36·5	40·9	36·1
17	40·0	40·0	41·3	41·3	41·6	41·6	42·2	42·2	43·0	43·0	43·7	43·7	42·8	42·8	43·0	43·0	43·0	43·1	42·7	42·7	44·0	44·0	44·5	44·5	44·8	40·0
18	42·2	42·2	41·8	41·3	42·2	42·2	43·0	42·3	43·2	42·1	43·3	42·1	43·3	42·2	44·0	42·9	44·7	43·1	44·9	43·3	45·1	44·0	47·2	45·2	51·1	41·8
19	42·7	42·1	42·2	41·1	42·1	40·3	42·0	40·1	43·2	40·3	44·1	41·1	45·1	41·3	46·1	43·1	48·7	46·1	49·8	46·9	50·0	45·3	51·5	46·3	54·4	42·0
20	45·7	45·1	44·9	44·2	44·0	43·2	43·8	42·5	43·9	42·9	44·1	42·9	45·2	43·2	46·3	44·2	48·3	46·2	48·4	46·2	49·4	47·0	48·3	46·6	49·4	43·8
21	45·0	45·0	45·1	45·1	44·8	44·8	44·9	44·9	42·3	42·3	43·3	43·3	43·1	43·1	42·0	42·0	42·8	42·8	43·1	43·1	43·2	43·2	43·0	43·0	45·5	41·0
22	40·3	40·4	40·4	40·4	40·0	40·0	40·0	40·0	39·8	39·8	39·8	39·8	39·9	39·9	39·0	39·1	39·8	39·8	40·3	40·3	40·8	40·8	41·3	41·3	43·4	39·0
23	42·1	42·1	41·9	41·9	41·8	41·8	41·2	41·2	41·0	41·0	42·1	42·1	42·1	42·1	42·1	42·1	43·5	43·5	41·7	41·7	40·3	40·3	41·9	41·9	43·5	39·9
24	39·1	39·1	39·7	39·6	39·7	39·7	39·2	39·2	39·4	39·4	39·2	39·2	39·8	39·8	40·0	40·0	40·8	40·8	41·1	41·1	42·2	42·2	41·8	41·8	42·3	39·1
25	39·9	39·9	40·0	40·0	39·5	39·5	39·0	39·0	39·2	39·2	38·8	38·8	39·0	39·0	40·0	40·0	41·1	41·1	42·3	42·3	41·8	41·8	41·4	41·4	44·3	38·8
26	41·0	40·3	41·0	40·4	40·7	40·2	40·8	40·1	40·1	40·1	40·3	40·3	41·1	40·9	42·8	42·1	43·3	43·1	43·5	42·9	43·9	42·9	42·3	42·1	43·9	38·2
27	38·7	38·7	38·4	38·4	38·3	38·3	37·1	37·1	37·0	36·9	38·5	38·1	39·7	39·0	41·0	40·1	40·2	40·1	41·3	41·1	42·6	41·9	43·6	41·9	44·1	37·0
28	36·6	36·6	36·6	36·6	36·2	36·2	36·1	36·1	36·0	36·0	36·2	36·2	36·0	36·0	35·5	35·5	35·0	35·0	35·9	35·9	36·2	36·1	37·0	37·0	37·2	32·2
29	32·2	32·2	32·2	32·1	32·3	32·3	32·1	32·1	31·3	31·5	31·3	31·3	31·3	31·3	32·0	32·0	32·2	32·2	32·3	32·3	32·9	32·4	33·2	32·9	34·9	31·3
30	32·9	32·9	32·2	32·2	32·1	32·1	32·2	32·2	32·1	32·1	31·2	31·9	31·1	31·0	31·9	31·0	32·6	32·3	33·1	32·8	33·6	33·2	34·9	34·8	34·9	31·1
31	31·3	32·0	30·9	30·9	31·0	31·0	30·7	30·7	30·3	30·3	30·0	30·0	30·8	30·8	32·0	32·0	32·1	32·1	32·7	32·2	33·1	32·4	34·8	34·0	37·4	30·0
MEAN	37·8	37·4	37·8	37·2	37·6	37·1	37·5	36·8	37·4	36·6	37·6	36·9	37·9	37·2	38·3	37·6	38·8	38·0	39·3	38·3	39·7	38·9	40·0	39·3	41·8	35·9

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	46·8	41·2	48·0	41·0	49·1	42·4	48·6	41·6	48·9	42·1	48·0	42·1	45·9	40·4	44·9	40·3	43·0	40·0	42·1	40·2	41·1	40·3	39·2	39·1	42·5	36·6
2	38·8	38·4	38·9	39·0	39·2	39·2	39·0	39·0	38·3	38·5	38·3	38·3	39·0	39·1	39·3	39·3	39·2	39·2	39·2	39·2	39·7	39·7	39·7	39·7	39·4	37·7
3	38·2	38·2	38·3	38·3	37·8	37·8	38·0	38·0	38·1	38·1	37·8	37·9	38·0	38·1	37·9	37·9	37·8	38·0	37·9	37·9	37·8	37·8	37·2	37·2	38·0	38·0
4	40·0	40·0	40·4	40·4	39·8	39·8	39·9	40·0	39·5	39·5	39·3	39·3	39·3	39·3	38·2	38·2	37·3	37·3	36·9	36·9	37·0	37·0	36·9	36·9	38·3	38·3
5	36·0	36·0	36·0	36·0	35·9	35·9	35·9	35·9	35·0	35·0	35·0	35·0	34·8	34·8	34·0	34·0	33·1	33·1	33·0	33·0	32·6	32·6	32·0	32·0	35·1	35·1
6	33·2	32·1	34·2	32·2	34·9	32·3	34·7	32·6	34·7	33·1	35·1	34·0	34·3	33·8	33·9	33·9	33·1	33·1	32·9	32·9	32·8	32·8	32·2	32·2	32·2	31·6
7	37·0	35·6	38·0	36·0	37·0	36·0	36·9	35·1	36·1	35·8	35·8	35·0	35·2	33·9	34·0	33·7	32·9	31·2	32·0	31·3	31·4	31·0	32·4	31·1	34·1	33·1
8	36·7	36·7	36·3	36·2	37·8	37·8	36·9	36·9	37·3	37·3	38·1	38·1	38·2	38·2	38·6	38·6	38·8	38·8	39·0	39·0	39·0	39·0	39·1	39·1	35·8	35·8
9	37·1	37·1	36·0	36·0	36·0	36·0	35·2	35·2	34·2	34·2	33·1	33·1	33·0	33·0	32·3	32·3	32·1	32·1	30·8	30·8	29·1	29·1	28·9	28·9	36·0	36·0
10	29·0	29·0	28·3	28·3	27·9	27·9	28·7	28·7	28·1	28·1	26·8	26·8	27·1	27·1	26·2	26·2	27·1	27·1	27·2	27·2	28·2	28·2	29·9	29·9	28·9	28·9
11	32·8	32·2	33·3	33·2	34·0	34·0	34·2	34·2	34·0	34·0	34·0	34·0	33·9	33·9	33·7	33·7	33·0	33·0	32·1	32·1	31·0	31·0	30·3	30·1	31·9	31·9
12	38·9	36·2	40·0	37·4	39·6	37·0	39·9	37·2	38·9	37·0	38·9	37·3	38·0	37·3	38·9	35·0	39·0	37·5	38·6	32·0	39·8	32·2	37·3	33·7	36·2	33·4
13	44·2	44·2	44·3	44·3	44·0	44·0	43·2	43·2	42·1	42·1	43·1	43·1	43·2	43·2	43·1	43·1	43·1	43·1	43·0	43·0	43·0	43·0	42·9	42·9	43·0	43·0
14	47·0	43·5	48·1	46·0	47·3	44·4	47·5	44·0	47·3	45·1	48·1	45·4	47·3	45·2	46·9	45·1	45·3	44·1	45·0	44·9	45·0	45·0	45·0	45·0	45·1	43·6
15	45·8	45·8	45·7	45·7	44·2	44·2	43·3	43·3	42·9	42·9	42·0	42·0	41·9	41·9	41·9	41·9	41·3	41·3	41·2	41·2	41·0	40·9	40·2	40·2	43·8	43·7
16	36·9	36·9	38·1	38·1	38·9	38·9	39·3	39·3	40·1	40·1	39·7	39·7	39·0	39·0	38·4	38·4	40·0	40·0	40·9	40·9	40·6	40·6	40·0	40·0	38·4	38·4
17	44·1	44·1	44·2	44·2	44·8	44·8	44·0	44·0	44·3	44·3	43·3	43·3	43·0	43·1	43·1	43·1	42·7	42·7	41·7	41·7	42·1	42·1	42·5	42·3	43·0	43·0
18	47·5	47·1	49·3	47·1	49·4	47·3	51·1	47·9	48·9	47·2	49·3	47·3	47·0	46·0	46·2	46·0	45·9	45·9	45·1	45·1	44·8	44·8	43·3	43·3	45·5	44·5
19	53·8	47·2	53·1	48·1	53·1	48·9	54·4	47·8	53·2	47·2	52·4	47·8	51·0	47·0	49·9	45·9	48·9	46·1	48·1	45·4	46·9	45·2	46·4	45·7	48·3	44·8
20	48·0	46·9	47·9	47·0	47·4	46·5	47·0	45·9	46·5	45·2	45·3	44·1	45·9	45·3	45·9	45·1	45·4	45·1	45·3	45·3	45·3	45·3	45·3	45·3	46·1	45·0
21	41·9	41·7	43·9	41·8	45·4	44·1	45·5	44·9	45·1	45·1	43·2	42·2	43·0	42·9	42·7	42·6	42·0	42·0	42·1	42·1	41·3	41·3	41·0	41·0	43·3	43·1
22	41·9	41·9	42·3	42·3	42·3	42·3	42·9	42·9	43·2	43·2	43·4	43·4	43·2	43·2	43·0	43·0	42·3	42·3	41·6	41·6	42·1	42·2	42·1	42·1	41·3	41·3
23	41·2	41·2	42·4	42·4	42·6	42·6	41·2	41·2	40·3	40·3	40·9	40·9	40·5	40·5	40·1	40·1	40·2	40·2	40·0	40·0	39·9	40·0	39·9	39·9	41·3	41·3
24	40·3	40·3	41·8	41·6	42·3	42·3	42·1	42·1	40·9	40·9	41·9	42·0	41·1	41·1	41·3	41·3	41·0	41·0	40·8	40·8	40·4	40·4	40·0	40·1	40·7	40·7
25	42·8	42·3	44·3	44·1	43·3	43·1	42·0	41·7	43·0	42·2	43·2	43·2	42·0	42·0	42·0	41·5	41·1	41·1	41·1	40·9	41·2	41·2	41·8	40·2	41·2	41·1
26	42·2	41·3	42·2	41·5	42·0	41·8	42·4	42·0	41·4	41·4	39·0	39·1	38·8	38·8	39·0	39·0	39·4	39·4	39·8	39·8	38·2	38·2	39·2	39·2	41·0	40·7
27	44·1	43·1	41·8	41·1	42·7	42·7	43·5	43·1	41·4	41·3	40·3	40·3	39·9	39·9	39·1	39·1	38·1	38·1	37·2	37·2	37·6	37·6	37·2	37·2	40·0	39·7
28	36·8	36·8	37·2	37·2	36·1	36·0	36·1	36·0	35·2	35·2	34·7	34·7	34·8	34·8	34·8	34·8	34·1	34·1	34·1	34·1	33·5	33·5	32·2	32·2	35·5	35·5
29	33·8	33·8	33·9	33·9	34·2	34·2	34·9	34·8	34·9	34·9	34·4	34·4	34·8	34·8	34·8	34·8	34·6	34·6	34·0	34·0	33·7	33·7	33·1	33·1	33·2	33·2
30	34·2	34·2	34·0	34·0	34·2	34·2	34·9	34·1	34·3	33·2	33·9	33·2	33·3	32·8	32·9	32·4	32·2	31·0	31·9	31·0	31·8	31·7	31·3	31·1	32·9	32·6
31	36·5	34·9	37·4	36·2	37·2	36·0	36·5	35·4	35·8	34·9	35·1	34·3	34·1	34·1	33·9	33·9	33·0	33·0	32·9	32·9	32·2	32·2	32·9	32·9	33·2	32·9
MEAN	40·2	39·4	40·6	39·7	40·7	39·8	40·6	39·3	40·1	39·3	39·8	39·1	39·4	38·9	39·1	38·5	38·6	38·2	38·3	37·9	38·1	37·7	37·8	37·5	38·9	38·2

TEMPERATURE. DRY AND WET BULBS. AUGUST 1888.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	32·8	32·8	32·1	32·1	32·2	32·2	32·1	32·1	32·2	32·2	32·3	32·3	32·3	32·3	32·3	32·3	34·2	34·2	35·0	34·5	37·0	36·3	37·2	36·7	40·0	32·1
2	34·0	34·0	33·0	33·0	32·9	31·3	32·1	31·1	32·2	31·7	32·8	32·2	33·2	33·2	34·7	34·7	35·2	35·0	37·0	36·2	38·8	36·7	39·2	38·1	39·2	32·1
3	35·1	35·1	35·1	35·1	36·0	35·9	36·0	36·0	36·1	36·1	36·1	36·1	35·4	35·4	35·1	34·1	36·0	35·5	36·3	36·1	37·3	37·3	37·7	37·8	40·3	33·8
4	32·8	32·8	32·2	32·2	32·6	32·6	32·0	32·0	32·9	32·9	33·0	33·0	33·0	33·0	33·3	33·3	33·5	33·5	34·9	34·9	35·2	35·2	35·8	35·8	36·7	32·0
5	33·1	33·1	33·0	33·0	32·8	32·8	32·4	32·4	32·2	32·1	31·8	31·8	32·2	32·2	33·1	33·1	34·0	34·0	33·9	33·9	35·3	35·3	36·3	36·1	38·0	31·8
6	32·9	32·9	33·0	33·0	32·2	32·2	31·4	31·4	32·2	32·2	32·8	32·8	33·1	33·1	34·0	33·7	36·0	35·5	37·1	36·6	38·2	38·0	37·9	37·9	45·2	31·4
7	46·0	46·0	45·2	45·2	44·8	44·9	44·0	44·1	44·1	44·1	44·5	44·5	44·9	44·9	45·4	45·4	45·3	45·3	45·5	45·5	45·4	45·4	45·6	45·6	46·2	39·2
8	40·0	40·0	40·2	40·2	40·3	40·3	40·8	40·8	40·5	40·5	40·5	40·5	40·0	40·0	39·9	39·9	40·0	40·0	40·7	40·7	41·1	41·1	41·2	41·2	41·2	39·1
9	39·3	39·3	39·7	39·7	39·2	39·2	40·0	40·0	40·0	40·0	40·0	40·0	40·1	40·1	40·1	40·1	40·5	40·5	40·8	40·8	41·9	41·9	41·7	41·7	42·0	39·2
10	39·2	39·2	37·8	37·8	35·8	34·5	35·0	34·3	35·3	34·8	36·0	35·2	36·9	34·7	38·7	35·0	38·8	38·5	40·7	40·6	41·9	41·7	43·6	43·0	46·1	35·0
11	38·7	38·7	38·2	38·2	38·8	38·8	39·0	39·0	38·8	39·0	38·1	38·2	39·2	39·2	38·7	38·7	38·1	38·1	38·1	38·1	38·3	38·3	38·2	38·2	41·2	37·8
12	41·5	41·5	42·4	42·4	42·2	42·2	42·6	42·6	43·1	43·1	42·9	43·0	43·6	43·6	44·3	44·3	44·3	44·3	45·0	45·1	45·9	46·0	46·0	46·1	46·0	40·1
13	41·0	41·0	40·8	40·8	40·7	40·7	40·2	40·2	39·2	39·2	39·4	39·4	39·9	39·9	38·9	38·9	38·4	38·4	37·8	37·8	37·2	37·2	37·1	37·1	41·0	31·7
14	30·8	30·8	29·6	29·6	29·9	29·9	30·7	30·7	30·7	30·7	30·1	30·1	30·4	30·4	31·8	31·8	32·0	32·0	32·3	32·3	33·2	32·3	34·2	34·2	36·3	**29·6**
15	35·1	35·1	35·1	35·1	35·2	35·2	35·1	35·1	34·6	34·6	34·2	34·2	34·3	34·3	35·0	35·0	35·4	35·4	36·0	32·0	37·8	33·4	42·0	38·9	43·8	34·2
16	36·9	35·9	36·8	35·5	35·9	34·8	35·1	32·2	35·2	31·8	35·8	32·0	37·0	32·8	37·6	31·1	39·0	30·2	40·1	30·3	41·3	35·0	40·3	38·7	42·8	35·1
17	38·2	32·2	37·6	32·0	36·8	33·9	36·1	33·4	35·7	32·0	34·8	33·0	35·0	31·8	37·9	31·6	40·8	34·1	41·8	33·2	42·7	34·0	46·2	38·3	46·2	34·8
18	38·9	35·0	38·1	36·1	37·7	36·0	37·1	36·0	36·8	35·8	37·6	34·2	37·8	35·8	38·3	36·1	40·0	37·3	39·8	38·2	40·2	39·2	41·1	39·4	46·1	36·8
19	38·8	38·4	38·0	37·9	38·6	38·6	38·5	38·5	38·1	38·1	38·6	38·6	39·1	38·5	40·2	40·1	41·0	40·3	42·0	40·9	43·4	41·6	44·8	42·3	46·9	38·0
20	39·4	39·4	39·8	39·8	39·4	39·5	39·2	39·2	39·4	39·4	39·4	39·4	39·8	39·8	39·9	39·9	39·9	39·9	40·1	40·2	40·6	40·6	41·7	41·7	43·0	39·2
21	42·2	42·2	42·2	42·2	42·2	42·2	42·2	42·2	42·0	42·1	41·9	42·0	42·2	42·2	42·6	42·6	43·0	43·1	43·3	43·3	43·8	43·8	44·3	44·3	44·3	41·3
22	41·0	41·0	41·7	41·7	41·6	41·6	40·1	40·1	41·1	41·1	40·8	40·8	40·5	40·5	40·7	40·7	40·8	40·8	40·2	40·2	40·1	40·1	40·8	40·8	41·7	39·2
23	39·3	39·3	38·9	38·9	39·3	39·3	40·1	40·1	40·6	40·6	39·9	39·9	41·1	41·1	41·9	41·9	42·8	42·8	43·9	43·9	45·0	45·1	45·5	45·5	**47·1**	38·9
24	43·3	43·3	42·4	42·4	41·8	41·8	41·9	41·9	41·3	41·3	40·4	40·5	40·0	40·1	40·8	40·8	41·5	41·5	41·6	41·7	42·4	42·4	42·1	42·1	44·4	40·0
25	42·2	42·2	42·0	42·0	41·9	41·9	42·0	42·0	41·8	41·8	41·6	41·6	41·3	41·3	41·8	41·7	42·1	42·1	43·2	43·1	43·2	43·1	43·6	43·6	44·5	41·3
26	42·4	42·4	42·3	42·3	41·3	41·3	41·1	41·1	41·0	41·0	40·2	40·1	40·9	40·9	41·3	41·3	41·6	41·6	41·2	41·2	41·1	41·1	40·9	40·9	42·4	38·3
27	38·2	38·2	38·0	38·0	38·1	38·1	36·7	36·7	37·0	37·0	37·2	37·2	37·4	37·4	37·3	37·3	37·4	37·4	37·5	37·5	37·5	37·5	37·3	37·3	38·2	36·7
28	37·2	37·2	37·3	37·3	37·4	37·4	37·2	37·2	37·2	37·2	36·8	36·8	36·9	36·9	37·4	37·4	37·1	37·1	37·7	37·7	38·1	38·1	37·8	37·8	38·8	36·8
29	37·4	37·4	37·1	37·1	36·9	36·9	37·1	37·1	36·5	36·5	35·6	35·6	35·5	35·5	35·0	35·0	35·2	35·2	34·7	34·7	33·8	33·8	34·7	34·7	37·4	32·6
30	34·4	34·4	34·8	34·8	34·8	34·8	35·2	35·2	35·0	35·0	34·7	34·7	35·3	35·3	34·7	34·6	35·9	35·9	36·6	36·6	36·5	36·4	36·5	36·5	36·6	31·7
31	31·3	31·3	30·6	30·6	31·0	31·0	31·8	31·8	31·8	31·8	32·2	32·2	32·3	32·2	32·7	32·2	32·8	32·5	33·5	33·5	35·0	35·0	35·1	35·1	37·1	30·6
MEAN	37·9	37·5	37·6	37·3	37·4	37·2	37·3	37·0	37·2	37·0	37·2	36·8	37·4	37·0	37·9	37·2	38·5	37·8	39·0	38·1	39·7	38·8	40·2	39·6	42·0	35·8

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	37·9	36·3	40·0	38·5	39·4	37·1	39·0	38·4	37·8	37·3	37·7	37·3	36·4	36·1	36·2	35·8	35·4	34·9	35·0	34·1	34·9	34·0	34·0	34·0	35·2	34·7
2	37·0	36·2	37·2	37·2	37·7	37·1	37·5	37·5	37·3	37·2	37·2	37·2	36·9	36·9	36·0	35·9	35·0	34·6	35·3	35·3	35·7	35·7	35·2	35·2	35·5	35·1
3	38·6	38·6	39·9	39·9	40·3	40·3	40·1	40·1	40·0	40·0	38·0	38·0	35·2	35·2	34·9	34·9	34·4	34·5	33·8	33·8	34·0	34·0	33·9	33·9	36·5	36·4
4	36·1	36·0	36·7	36·0	36·0	35·3	35·4	35·0	34·2	34·2	34·0	34·0	33·3	33·3	33·9	33·9	34·1	34·1	33·0	33·0	32·7	32·7	32·9	32·9	33·9	33·8
5	36·8	35·8	38·0	37·0	37·3	36·4	37·5	36·4	37·0	36·0	35·3	35·0	34·4	34·4	33·8	33·8	33·0	33·0	32·2	32·2	32·1	32·1	33·0	32·9	34·2	34·0
6	39·3	39·1	41·8	41·3	40·8	40·8	41·1	41·1	41·8	41·8	42·1	42·1	43·0	43·0	42·9	42·9	42·1	42·1	44·0	44·0	44·7	44·7	45·2	45·2	38·3	38·2
7	45·5	45·6	46·0	46·0	46·2	46·2	46·1	46·1	46·0	46·1	44·8	44·9	41·1	41·1	40·2	40·2	39·2	39·1	40·5	40·5	40·1	40·1	40·5	40·5	44·0	44·1
8	41·0	41·0	41·0	41·0	41·1	41·1	41·2	41·2	40·7	40·7	40·4	40·4	40·6	40·6	40·0	40·1	40·4	40·4	40·3	40·3	40·0	40·0	39·1	39·1	40·5	40·5
9	41·5	41·5	42·0	42·0	41·9	41·9	41·7	41·7	41·4	41·4	41·3	41·3	41·8	41·8	41·0	41·0	40·0	40·1	39·8	39·8	40·0	40·0	40·2	40·2	40·7	40·7
10	44·5	43·5	46·0	44·1	46·1	44·1	46·0	44·0	46·0	43·6	44·8	43·2	43·1	43·1	42·1	42·1	41·0	41·1	40·0	40·0	39·9	39·9	39·0	39·0	40·8	39·9
11	37·8	37·8	38·1	38·1	38·4	38·4	39·3	39·3	39·1	39·1	39·2	39·2	41·0	41·0	40·7	40·5	40·0	40·0	40·5	40·5	40·9	40·9	41·2	41·2	39·1	39·1
12	45·0	45·0	44·1	44·1	43·2	43·2	42·8	42·8	41·8	41·8	41·5	41·5	41·1	41·1	40·3	40·3	40·2	40·2	40·3	40·3	40·1	40·1	41·2	41·2	42·7	42·7
13	36·9	36·9	37·9	37·9	38·0	38·0	35·5	35·4	34·2	34·2	33·3	33·3	33·0	33·0	32·3	32·3	32·3	32·3	32·1	32·1	31·7	31·8	31·8	31·8	36·6	36·6
14	34·4	34·4	35·2	35·2	36·0	35·9	36·2	36·1	36·3	36·3	35·8	35·8	35·2	35·2	35·2	35·2	35·3	35·3	35·2	35·2	34·2	34·2	34·7	34·4	33·3	33·2
15	42·2	38·3	43·8	40·0	42·8	39·3	43·7	40·2	42·6	39·9	43·1	41·0	42·1	40·1	40·3	39·1	39·2	38·1	38·1	37·0	37·3	36·1	36·8	35·9	38·4	36·8
16	40·3	38·5	41·2	39·1	42·8	40·1	41·6	39·4	41·2	39·1	39·8	38·3	43·0	37·7	40·3	36·3	39·1	36·1	39·2	32·8	39·0	33·1	39·3	32·2	39·1	35·1
17	44·2	41·3	45·0	41·4	45·7	42·1	45·0	41·4	43·7	41·3	43·6	41·1	42·8	40·6	40·6	39·1	40·9	37·9	40·1	38·1	39·1	37·6	39·1	37·3	40·6	36·6
18	43·0	41·2	42·1	40·6	44·0	41·2	46·1	42·2	45·6	42·0	44·2	41·3	42·0	39·9	41·1	39·0	40·9	38·9	40·5	38·1	39·4	39·1	38·6	38·2	40·5	38·4
19	46·0	43·0	46·9	43·4	46·7	43·7	45·6	43·0	44·8	42·9	43·5	42·7	42·2	41·9	42·0	41·2	41·0	40·2	40·1	40·1	40·0	40·0	39·3	39·3	41·6	40·6
20	42·2	42·2	42·9	42·9	42·8	42·9	43·0	43·0	43·0	43·0	43·0	43·1	42·9	43·0	42·9	43·0	43·0	43·0	42·9	42·9	42·5	42·5	42·2	42·1	41·3	41·4
21	43·7	43·7	43·6	43·6	44·0	44·1	43·8	43·8	43·2	43·2	42·9	42·9	42·4	42·3	43·1	43·1	42·3	42·3	42·0	42·0	42·0	42·0	41·3	41·3	42·8	42·8
22	41·0	41·0	41·1	41·1	40·6	40·6	40·2	40·2	41·2	41·2	40·7	40·7	40·8	40·8	40·8	40·8	40·5	40·5	40·1	40·2	40·0	40·0	39·2	39·2	40·6	40·7
23	46·3	46·3	47·1	47·1	46·2	46·2	46·9	46·9	46·0	46·0	44·0	44·0	44·4	44·4	44·8	44·8	44·9	44·9	44·9	44·9	45·0	45·0	43·1	43·1	43·4	43·4
24	42·4	42·4	43·2	43·2	44·4	43·5	43·8	42·9	43·4	42·6	43·2	42·9	43·3	43·3	42·3	42·3	41·7	41·1	41·9	41·9	42·1	42·1	42·2	42·2	42·2	42·1
25	44·5	44·5	44·0	44·0	44·4	44·4	44·1	44·1	43·1	43·1	41·9	41·9	42·1	42·1	42·0	42·0	42·0	42·0	42·1	42·1	42·0	42·0	42·2	42·2	42·5	42·5
26	40·7	40·7	40·7	40·6	41·0	41·0	40·2	40·2	39·8	39·8	39·7	39·7	39·4	39·4	38·4	38·4	39·4	39·3	38·9	39·0	38·9	38·9	38·3	38·3	40·4	40·4
27	37·5	37·5	37·5	37·5	37·6	37·6	37·2	37·2	36·8	36·8	36·7	36·7	36·7	36·6	36·8	36·8	37·0	37·0	37·2	37·2	37·2	37·2	37·1	37·1	37·3	37·3
28	38·3	38·3	38·8	38·8	38·3	38·3	38·3	38·3	38·1	38·1	37·7	37·7	37·3	37·3	37·7	37·7	37·1	37·1	37·0	37·0	36·9	36·9	36·9	36·9	37·5	37·5
29	35·5	35·5	35·2	35·2	34·8	34·8	33·6	33·6	33·8	33·8	34·0	34·0	32·6	32·6	33·8	33·8	34·4	34·4	33·9	33·9	34·7	34·7	34·8	34·8	35·0	35·0
30	36·6	36·6	36·3	36·3	36·0	36·0	36·0	36·0	35·3	35·3	34·7	34·7	34·2	34·2	33·1	33·1	32·8	32·8	32·6	32·6	32·3	32·3	31·7	31·7	34·8	34·8
31	36·0	36·0	36·1	36·1	37·1	37·1	36·0	36·0	35·4	35·3	34·9	34·9	34·7	34·7	34·0	34·0	35·0	35·0	35·0	35·0	35·0	35·0	35·8	35·8	34·0	33·9
MEAN	40·4	39·8	40·9	40·3	41·0	40·3	40·8	40·1	40·3	39·8	39·8	39·4	39·3	38·9	38·8	38·5	38·5	38·1	38·3	37·9	38·2	37·9	38·1	37·7	38·8	38·3

TEMPERATURE. DRY AND WET BULBS. SEPTEMBER 1888.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	36·4	36·4	36·7	36·7	37·8	37·8	38·7	38·7	38·5	38·6	38·6	38·7	40·2	40·3	41·2	41·3	41·7	41·8	42·2	42·3	42·9	43·0	43·8	43·8	44·9	36·4
2	40·2	40·2	40·1	40·1	40·0	40·0	39·5	39·5	38·7	38·7	38·8	38·8	37·7	37·8	36·9	36·9	37·3	37·2	39·1	39·1	38·8	38·8	38·9	38·9	40·3	36·9
3	38·5	38·5	38·6	38·6	38·2	38·2	38·1	38·1	36·7	36·7	36·1	36·0	35·8	35·8	37·1	37·1	37·6	37·6	38·2	38·2	38·4	38·4	38·0	38·0	39·4	35·8
4	40·0	40·0	40·3	40·3	40·1	40·1	38·0	38·0	36·3	36·3	34·2	34·1	34·8	34·7	34·2	34·1	35·0	35·0	36·2	36·2	36·3	36·2	36·5	36·4	40·3	33·7
5	39·4	39·4	41·1	41·1	42·1	42·1	43·1	43·1	43·7	43·7	43·6	43·6	41·8	41·8	39·0	39·0	37·0	37·0	36·9	36·9	37·9	37·9	36·3	36·2	43·7	33·8
6	34·2	34·2	34·2	34·2	34·2	34·2	34·0	34·0	33·8	33·8	34·0	34·0	34·5	34·5	34·8	34·8	35·1	35·1	35·7	35·7	35·3	35·2	36·3	36·2	36·9	33·8
7	36·0	36·0	36·0	36·0	36·0	36·0	36·0	36·0	35·3	35·3	34·6	34·6	34·4	34·4	33·9	33·9	34·5	34·5	34·1	34·1	34·8	34·8	34·6	34·6	36·1	32·2
8	32·2	32·2	31·3	31·3	31·0	31·0	31·0	31·0	30·0	29·3	29·8	[29·1]	30·2	[29·4]	29·6	[29·2]	30·0	[29·4]	32·6	[31·2]	34·8	32·4	34·9	34·5	37·9	29·6
9	36·2	33·1	34·8	34·3	34·8	34·6	38·0	31·4	37·4	32·2	37·7	32·0	41·4	31·4	42·6	33·5	41·4	38·7	39·5	37·8	41·4	37·9	36·8	36·0	42·6	33·0
10	34·2	32·1	33·5	31·8	33·2	31·8	33·1	31·4	33·8	31·0	35·0	29·4	35·9	30·4	38·7	33·3	40·4	34·8	41·8	38·3	42·6	39·2	40·9	39·1	43·0	33·1
11	37·2	37·2	37·8	37·8	38·8	38·8	39·5	39·5	38·2	38·2	39·1	39·1	38·7	38·7	38·1	38·1	38·4	38·4	39·2	39·2	39·5	39·5	39·8	39·8	40·7	37·2
12	38·0	38·0	37·3	37·3	38·1	38·1	37·8	37·8	36·6	36·6	36·6	36·6	37·1	37·1	36·9	36·9	37·5	37·5	37·3	37·3	37·2	37·2	36·2	36·2	38·1	35·0
13	37·2	37·2	38·1	38·1	38·2	38·2	38·2	38·2	36·8	36·8	36·4	36·4	37·5	37·5	37·7	37·7	38·3	38·3	38·9	38·9	39·7	39·7	40·3	40·3	43·5	36·4
14	40·0	39·3	40·8	40·8	40·5	40·5	39·2	39·2	40·0	40·0	40·0	40·0	40·3	40·3	40·2	39·8	42·5	39·9	42·9	39·8	46·1	42·0	48·4	43·7	49·6	39·2
15	41·4	40·1	43·1	40·8	42·5	40·0	42·2	40·3	42·3	41·1	42·0	42·0	42·5	42·5	43·0	43·0	42·9	42·9	43·4	43·3	43·8	43·7	43·9	43·8	44·0	37·0
16	36·0	36·0	34·6	34·6	33·4	33·4	32·7	32·7	32·0	32·0	32·0	31·1	32·0	31·2	37·8	31·6	41·0	33·5	43·4	33·0	44·5	35·0	44·8	37·3	48·0	32·0
17	42·9	38·2	43·0	38·2	43·0	38·4	42·2	38·0	38·2	37·9	38·4	38·4	38·0	37·6	38·7	38·7	40·8	35·8	45·5	36·6	43·0	37·6	39·4	38·4	45·5	37·8
18	41·8	41·8	42·0	42·0	42·1	42·1	42·4	42·4	42·1	42·1	42·2	42·2	42·9	42·8	42·9	42·8	43·1	43·0	43·9	43·8	44·1	44·0	44·3	44·2	45·5	41·8
19	43·4	43·4	43·8	43·1	44·8	43·9	45·3	44·1	46·6	45·0	45·7	44·3	45·3	44·4	46·5	45·6	47·8	46·1	46·8	43·8	49·6	42·0	49·5	45·9	52·4	43·4
20	47·4	41·8	47·9	40·8	47·9	40·1	48·0	38·8	47·3	40·2	47·6	38·7	48·9	37·4	50·0	39·0	52·0	41·9	53·2	43·2	54·7	45·8	54·3	45·0	56·2	42·0
21	41·9	38·2	43·2	35·2	40·8	38·9	43·3	35·8	44·0	34·2	45·5	34·7	47·0	38·4	48·4	40·2	47·7	42·3	49·0	41·8	50·3	40·7	49·0	39·8	54·5	40·8
22	47·9	39·0	46·8	37·7	45·1	37·0	45·8	36·9	46·0	36·7	45·0	35·6	44·7	33·3	47·4	34·0	49·3	35·3	50·7	35·3	53·4	36·5	54·8	37·5	54·8	44·7
23	52·2	44·0	51·1	45·7	50·0	41·0	51·2	44·5	50·2	44·4	49·5	42·2	50·0	41·0	51·4	38·7	52·6	40·6	55·7	40·4	56·9	43·4	56·6	44·9	57·0	45·0
24	42·3	39·9	42·0	38·3	40·9	40·0	40·2	40·3	40·2	40·3	39·2	39·2	39·7	39·7	39·4	39·5	40·0	39·9	40·1	39·7	41·0	40·3	41·6	41·0	42·9	32·2
25	31·0	31·2	30·2	30·2	29·8	29·8	29·1	29·1	29·5	29·4	28·4	28·3	32·0	31·5	28·3	28·6	27·8	27·9	27·2	27·5	28·5	25·6	29·1	28·8	32·5	25·9
26	33·0	26·2	33·0	26·1	26·0	26·0	25·4	25·5	25·7	25·8	26·2	26·3	26·3	26·4	26·9	26·9	27·8	27·8	28·2	28·2	29·2	29·2	30·0	30·0	34·8	25·4
27	33·6	33·7	33·6	33·6	34·0	34·0	34·1	34·1	33·8	33·8	34·0	34·0	34·2	34·2	34·7	34·7	34·8	34·8	35·1	35·1	35·9	35·9	36·0	36·0	37·0	33·6
28	35·0	35·0	34·9	34·9	35·3	35·3	35·8	35·8	35·3	35·3	35·3	35·3	36·4	36·2	37·3	37·2	38·4	38·3	39·1	39·0	38·3	38·2	39·5	39·4	43·0	34·9
29	41·8	41·8	40·9	40·9	40·0	40·0	39·1	39·1	37·6	37·6	37·0	37·0	35·8	35·8	32·8	32·8	32·3	32·3	33·5	33·5	33·6	33·6	32·3	32·3	41·8	25·1
30	24·8	24·8	24·1	24·1	24·2	24·2	23·9	23·9	23·1	23·0	22·4	22·4	22·5	22·5	21·9	21·9	22·0	22·0	22·8	22·8	23·3	23·3	23·3	23·3	24·8	21·3
MEAN	38·5	37·0	38·5	36·8	38·1	36·8	38·2	36·6	37·7	36·2	37·5	35·8	38·0	36·0	38·3	36·0	38·9	36·7	39·7	37·1	40·5	37·6	40·3	38·0	43·1	35·0

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	44·7	44·7	44·9	44·9	44·8	44·9	43·1	43·1	43·2	43·2	42·1	42·1	41·4	41·4	40·2	40·2	41·2	41·2	41·0	41·0	40·8	40·8	40·0	40·0	41·1	41·1
2	39·1	39·1	39·9	39·9	40·1	40·1	40·3	40·3	40·1	40·1	39·7	39·7	38·0	38·0	39·0	39·0	38·8	38·8	38·7	38·7	38·8	38·8	38·5	38·5	39·0	39·0
3	37·8	37·8	37·8	37·8	37·2	37·2	37·4	37·4	37·0	37·0	37·0	37·0	37·4	37·4	37·1	37·1	37·9	37·9	38·4	38·4	39·3	39·3	39·4	39·4	37·7	37·7
4	37·3	37·4	37·6	37·6	38·0	38·0	37·8	37·8	37·2	37·1	37·2	37·2	35·4	35·4	34·5	34·5	33·7	33·7	35·0	35·0	35·1	35·1	37·1	37·1	36·6	36·6
5	36·9	36·8	36·7	36·6	37·2	37·2	37·2	37·2	36·5	36·4	35·5	35·5	35·9	35·9	35·9	35·9	35·9	35·9	33·8	33·8	35·2	35·2	34·9	34·9	38·1	38·0
6	35·9	35·9	36·1	36·0	36·2	36·2	36·9	36·9	36·0	36·0	36·1	36·1	35·7	35·7	35·9	35·9	36·0	36·0	35·3	35·3	35·2	35·2	36·0	36·0	35·3	35·3
7	35·2	35·2	36·0	36·0	35·8	35·8	36·1	36·1	35·8	35·7	35·5	35·5	35·2	35·2	35·0	35·0	34·8	34·8	34·0	34·0	33·0	33·0	32·2	32·2	35·0	34·9
8	36·4	35·8	36·1	35·9	37·2	36·6	36·7	36·2	36·7	36·4	36·5	36·3	35·5	35·2	35·0	34·7	34·4	34·4	37·9	31·0	37·3	31·8	35·1	34·1	33·8	32·8
9	40·0	35·4	37·6	35·0	41·0	32·4	40·0	31·8	34·2	34·0	34·5	34·4	36·4	31·1	33·0	32·3	33·9	32·1	35·7	31·4	35·2	32·1	34·9	32·4	37·4	33·7
10	42·2	40·2	43·0	40·3	40·3	38·9	39·1	38·2	38·8	37·7	37·6	36·1	37·1	34·2	35·7	34·8	35·4	35·2	35·2	34·2	36·2	34·2	36·1	34·2	37·5	35·0
11	40·7	40·7	40·5	40·5	39·8	39·8	39·2	39·2	38·0	38·0	37·8	37·8	37·2	37·2	37·6	37·6	37·9	37·9	38·2	38·2	38·1	38·1	37·8	37·8	38·6	38·6
12	36·7	36·7	36·6	36·6	36·1	36·1	36·1	36·1	35·6	35·5	35·6	35·6	35·5	35·5	35·0	35·0	35·7	35·7	36·2	36·2	37·0	37·0	37·3	37·3	36·7	36·7
13	40·5	40·3	41·1	40·9	42·9	41·3	43·5	42·1	42·2	41·2	41·7	36·2	40·8	37·4	41·3	38·0	40·8	38·5	41·9	38·1	41·1	38·2	40·3	39·2	39·8	38·7
14	49·0	42·1	49·0	42·8	49·6	42·0	48·1	43·2	46·0	43·0	44·4	41·7	43·1	41·3	42·1	40·4	42·0	40·5	41·9	39·9	41·1	40·0	41·3	40·0	43·3	40·9
15	44·0	43·9	44·0	44·0	43·6	43·5	43·2	43·1	43·2	43·2	43·5	43·4	43·2	43·2	42·3	42·3	40·3	40·3	38·3	38·3	37·0	37·0	37·0	37·0	42·2	41·8
16	47·2	45·0	46·9	43·2	46·3	40·5	47·2	41·9	47·9	44·0	47·8	44·0	48·0	43·3	46·1	39·8	45·5	39·3	45·0	39·0	46·0	39·4	42·2	38·1	41·7	37·5
17	40·6	38·4	39·0	38·5	39·0	39·0	41·0	36·3	37·8	37·8	39·5	39·5	38·5	38·5	43·0	43·0	41·9	41·9	42·3	42·3	43·1	43·1	41·3	41·3	40·8	38·9
18	44·6	44·5	45·3	45·2	45·2	45·1	45·5	45·3	45·2	45·1	44·7	44·6	44·2	44·1	44·1	44·0	43·9	43·9	43·6	43·6	43·3	43·3	43·2	43·2	43·6	43·5
19	50·0	46·8	51·3	46·9	52·4	47·3	51·6	46·8	51·4	44·7	50·0	43·9	48·1	43·2	48·2	42·0	48·2	41·1	47·0	41·9	47·2	42·6	49·0	42·1	47·9	44·2
20	56·2	46·2	54·0	46·0	54·0	46·0	52·3	44·8	50·7	44·2	48·5	41·7	46·8	41·2	46·0	40·8	45·0	41·2	44·3	41·0	43·1	40·8	42·0	39·1	49·3	41·9
21	49·8	40·9	52·4	42·0	53·2	43·0	54·2	42·8	54·5	43·9	52·0	40·9	50·1	40·2	49·6	40·0	49·0	39·3	48·9	39·1	48·2	39·4	48·0	39·0	48·3	39·6
22	54·7	37·8	53·7	37·8	53·3	38·8	53·7	40·0	51·0	37·3	51·1	39·1	52·5	44·0	52·0	43·5	51·1	41·1	51·0	43·3	50·5	43·6	51·0	43·3	50·1	38·5
23	57·0	42·9	56·8	42·0	56·0	42·0	55·1	41·0	55·0	40·8	51·7	43·1	50·9	41·0	49·9	41·8	49·5	40·0	47·1	40·0	45·0	41·2	45·4	38·7	52·0	41·9
24	42·7	41·5	42·9	41·2	42·8	41·0	41·2	40·2	38·8	38·7	40·0	38·4	38·4	37·4	36·2	36·2	37·0	36·2	35·8	35·5	34·8	34·3	32·2	32·4	39·6	38·8
25	31·4	30·2	31·8	30·3	32·5	31·0	31·9	30·7	30·5	29·8	28·4	28·4	26·9	27·3	26·2	26·2	28·5	26·0	27·0	25·6	29·9	26·0	25·9	25·9	29·2	28·6
26	31·3	31·2	33·7	32·1	34·8	32·8	34·2	33·8	33·3	32·8	32·6	32·5	31·7	31·7	32·0	31·8	32·0	32·0	32·6	32·0	33·0	32·7	33·3	33·3	30·5	29·7
27	36·2	35·9	36·8	36·2	36·9	36·8	37·0	37·0	36·4	36·0	36·3	36·0	36·2	36·0	35·8	35·8	35·4	35·2	35·5	35·3	35·1	35·1	35·3	35·3	35·3	35·2
28	39·9	39·8	41·3	41·3	42·1	42·0	42·1	42·0	41·8	41·7	41·9	41·8	42·0	41·9	43·0	43·0	42·1	42·1	41·9	41·9	41·3	41·3	42·1	42·0	39·3	39·2
29	29·8	29·8	28·9	28·9	28·8	28·8	28·9	28·9	27·8	27·8	28·1	28·1	26·9	26·9	27·0	27·0	27·0	27·0	26·9	26·9	26·9	26·9	25·1	25·1	32·0	32·0
30	23·1	23·1	23·7	23·7	23·7	23·7	23·4	23·4	23·0	23·0	21·8	21·8	21·3	21·3	21·3	21·4	21·7	21·8	22·0	22·0	22·0	22·0	22·0	22·0	22·8	22·8
MEAN	41·0	38·5	41·2	38·7	41·4	38·6	41·1	38·5	40·2	38·1	39·6	37·6	39·0	37·1	38·7	37·0	38·6	36·7	38·4	36·4	38·3	36·6	37·9	36·4	39·2	37·1

TEMPERATURE. DRY AND WET BULBS. OCTOBER 1888.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	22·7	22·7	22·9	22·9	22·3	22·3	21·2	21·2	20·6	20·6	20·4	20·4	20·2	20·2	20·0	20·0	20·6	20·6	20·2	20·3	21·3	21·3	21·6	21·6	22·9	20·0
2	23·0	23·0	23·5	23·5	23·9	23·9	23·9	23·9	24·1	24·1	24·8	24·8	25·5	25·5	27·0	27·0	27·3	27·3	27·8	27·8	28·4	28·4	28·4	28·4	29·5	23·0
3	24·0	24·0	24·9	24·9	25·3	25·3	25·3	25·3	25·8	25·8	26·0	26·0	26·0	26·0	26·5	26·4	26·9	26·8	26·9	26·9	27·8	27·8	29·8	29·8	30·7	24·0
4	28·9	28·9	27·1	27·1	27·3	27·3	27·9	28·0	29·7	29·7	31·0	31·0	29·7	29·7	25·5	25·6	22·4	22·4	18·7	18·7	17·2	17·4	18·8	18·8	31·0	16·2
5	21·4	21·5	22·5	22·5	23·1	23·1	24·0	24·2	24·3	24·3	23·7	23·7	23·5	23·5	23·9	23·9	23·9	23·8	24·5	24·4	24·6	24·5	24·6	24·6	24·6	21·4
6	21·2	21·2	20·9	20·9	20·3	20·3	20·2	20·2	20·3	20·2	19·7	19·7	18·6	18·7	19·3	19·3	20·2	20·2	20·3	20·3	20·7	20·7	21·3	21·3	24·0	18·6
7	24·8	24·8	25·7	25·7	26·1	26·0	26·2	26·2	26·8	26·8	28·0	28·0	28·5	28·5	30·1	30·1	30·0	30·0	30·8	30·8	31·0	31·0	31·2	31·2	34·3	24·8
8	33·9	34·0	33·8	33·8	32·1	32·1	32·8	32·8	32·8	32·8	33·2	33·2	33·5	33·5	34·2	34·2	35·8	35·8	36·4	36·4	37·1	37·1	37·5	37·9	38·9	32·1
9	34·0	32·0	33·3	32·1	33·0	32·1	32·6	30·8	32·0	30·1	31·8	30·0	31·4	30·4	32·0	31·2	32·2	32·0	33·8	32·2	32·2	32·1	35·2	33·3	35·2	31·4
10	33·3	33·3	33·2	33·2	33·3	33·3	33·3	33·3	33·2	33·2	33·0	33·0	32·9	32·9	32·7	32·7	33·0	33·0	32·7	32·8	33·3	33·5	34·0	34·0	34·7	30·0
11	29·4	29·5	28·1	28·1	27·4	25·0	29·0	25·2	30·0	25·1	30·7	25·1	27·8	25·7	30·0	29·3	35·0	33·9	35·2	35·2	35·2	34·9	29·2	29·2	37·1	27·4
12	38·0	38·0	38·1	38·1	38·2	38·2	38·2	38·2	38·2	38·2	37·8	38·0	38·2	38·2	38·3	38·3	37·8	37·8	37·4	37·4	36·2	36·2	34·3	34·3	38·3	26·2
13	27·1	27·1	27·1	27·1	26·2	26·2	25·3	25·3	24·0	24·0	23·8	23·8	22·9	22·9	23·8	23·8	24·0	24·0	24·3	24·3	24·8	24·8	24·9	24·9	27·1	22·9
14	23·6	23·6	23·7	23·7	24·9	24·9	24·8	24·8	24·1	24·1	25·0	25·0	25·9	25·9	26·6	26·6	27·0	27·0	27·8	27·8	28·8	28·8	30·0	30·0	34·9	23·6
15	35·7	35·7	36·6	36·6	36·8	36·8	37·1	37·1	37·4	37·4	37·9	37·9	37·9	37·9	38·0	38·0	38·0	38·0	37·9	37·9	38·2	38·3	38·2	38·2	38·3	35·7
16	36·1	36·1	35·4	35·4	35·2	35·1	35·0	35·0	34·8	34·8	34·0	34·0	33·0	33·0	32·3	32·3	32·4	32·4	33·3	33·3	34·1	34·1	34·1	34·1	36·1	32·3
17	35·4	35·4	35·7	35·2	36·8	36·0	37·0	36·0	37·2	36·1	37·4	36·3	39·2	36·8	38·3	36·2	38·8	36·4	39·8	37·4	35·6	34·9	34·8	34·6	39·8	33·1
18	33·6	33·5	33·2	33·2	32·7	32·7	32·5	32·0	32·7	32·7	32·9	32·9	32·7	32·7	33·1	33·1	33·6	33·6	34·2	34·2	34·5	34·5	34·8	34·8	37·9	32·5
19	35·3	35·0	35·5	35·3	36·0	35·6	37·5	35·4	37·7	35·7	38·0	35·8	38·2	35·5	39·4	36·0	38·6	35·6	38·4	35·8	38·5	36·0	38·4	36·5	39·4	35·3
20	39·3	39·3	40·1	40·1	40·9	41·0	40·9	40·9	43·5	43·6	42·3	42·3	41·1	41·1	42·9	42·8	43·3	43·3	44·7	44·9	44·0	44·1	43·1	43·2	48·9	39·3
21	46·0	41·2	46·2	41·2	45·9	40·5	45·3	40·1	45·0	40·1	45·0	37·2	43·9	39·1	46·3	37·6	46·2	39·1	47·8	41·1	49·3	43·3	50·9	44·6	51·9	43·9
22	44·9	31·2	44·0	31·1	43·3	31·0	41·8	31·0	41·0	29·0	40·7	29·0	41·6	28·5	43·5	29·2	40·5	28·2	42·0	28·7	42·7	29·1	42·7	29·4	44·9	38·0
23	39·0	32·1	40·3	36·2	37·9	33·8	37·9	33·1	35·6	34·0	36·0	36·0	36·4	36·4	36·8	36·8	36·8	36·8	37·1	37·1	37·3	37·3	38·0	38·0	40·3	33·8
24	34·4	34·4	34·1	34·1	33·4	33·4	33·7	33·8	33·9	33·9	34·0	34·0	34·0	34·0	34·8	34·8	35·0	35·0	35·1	35·1	36·0	36·0	36·5	36·5	38·9	33·4
25	37·9	37·9	37·9	37·9	37·5	37·5	38·3	38·3	39·0	39·0	38·6	38·6	38·5	38·5	37·5	37·5	37·7	37·7	37·8	37·8	38·0	38·0	39·2	39·2	42·9	37·5
26	42·8	42·8	42·1	42·1	42·3	42·3	42·9	42·9	41·5	41·5	41·7	41·7	42·0	42·1	42·0	42·1	41·8	41·9	41·8	41·9	42·4	42·4	43·0	43·1	46·9	41·4
27	47·2	47·2	47·9	48·0	48·1	48·1	48·2	48·2	48·4	48·4	48·1	48·1	47·1	47·1	47·1	47·1	46·6	46·6	48·0	48·0	48·1	48·1	48·4	48·4	49·0	45·1
28	43·3	43·3	44·9	44·9	44·9	44·9	45·0	45·0	45·3	45·3	44·5	44·5	44·2	44·2	44·1	44·1	43·5	43·6	43·3	43·3	42·2	42·2	44·0	44·1	45·3	32·8
29	32·8	32·8	32·2	32·2	31·7	31·9	31·2	31·2	30·7	30·7	30·5	30·5	30·8	30·8	31·0	31·0	31·1	31·1	31·6	31·6	31·8	31·8	31·3	31·3	32·8	30·4
30	31·0	31·0	31·9	31·9	32·2	32·2	32·1	32·1	31·8	31·8	32·2	32·2	32·6	32·6	32·6	32·6	32·8	32·8	32·9	32·9	33·0	33·0	33·3	33·4	33·3	29·9
31	30·6	30·6	29·8	29·9	30·0	30·0	30·0	30·0	31·2	31·2	32·0	32·0	32·0	32·0	32·2	32·2	31·0	31·0	30·7	30·7	31·5	31·5	30·7	30·7	32·2	28·9
MEAN	33·2	32·4	33·3	32·5	33·2	32·3	33·3	32·3	33·3	32·4	33·4	32·4	33·2	32·4	33·6	32·6	33·7	32·8	34·0	33·1	34·1	33·3	34·3	33·5	36·8	30·5

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	22·1	22·1	22·6	22·7	22·8	22·8	22·2	22·2	22·2	22·2	21·2	21·2	21·0	21·0	21·1	21·1	21·3	21·3	21·9	21·9	22·2	22·2	22·8	22·8	21·6	21·6
2	29·5	29·5	29·1	29·2	28·3	28·3	28·7	28·7	28·5	28·5	28·0	28·0	27·2	27·2	26·9	26·9	26·8	26·8	26·1	26·1	25·0	25·0	23·3	23·3	26·5	26·5
3	30·4	30·5	30·7	30·9	29·3	29·7	28·8	28·8	27·8	27·8	29·0	29·0	29·2	29·2	29·0	29·0	29·0	29·0	29·0	29·0	29·0	29·0	28·9	29·0	27·7	27·7
4	17·6	17·8	17·3	17·4	16·3	16·7	17·0	17·0	16·5	16·6	16·2	16·3	17·4	17·6	18·3	18·3	20·2	20·2	22·0	22·0	21·9	21·9	21·7	21·8	21·9	22·0
5	24·4	24·4	23·9	23·9	24·2	24·1	24·0	24·0	23·6	23·7	23·5	23·5	23·3	23·3	23·1	23·1	23·1	23·1	22·8	22·8	22·7	22·7	22·2	22·2	23·5	23·5
6	21·3	21·2	21·2	21·2	21·7	21·7	22·1	22·1	21·3	21·3	21·8	21·8	22·5	22·5	22·1	22·1	22·0	22·0	21·9	21·9	22·0	22·0	24·0	24·0	21·1	21·1
7	31·8	31·8	31·7	31·8	31·6	31·6	31·2	31·2	31·1	31·1	31·8	31·8	32·1	32·1	32·2	32·1	33·0	32·3	34·3	34·3	34·1	34·1	33·7	33·7	30·3	30·3
8	38·2	38·7	38·8	38·8	38·9	38·3	37·8	37·8	37·1	37·1	36·3	36·3	35·6	35·6	34·6	34·6	34·0	34·0	34·0	34·0	33·8	33·7	33·3	33·0	35·2	35·2
9	34·2	33·3	35·0	34·3	34·3	34·2	33·9	33·9	33·9	33·9	33·9	33·9	33·2	33·2	33·2	33·2	33·3	33·3	33·8	33·8	33·2	33·2	33·2	33·2	33·3	32·6
10	34·0	34·0	34·1	34·1	34·7	34·7	32·9	32·9	32·1	32·1	32·1	32·1	31·8	32·1	32·0	32·1	31·0	32·1	30·1	30·1	30·6	30·6	30·0	30·0	32·6	32·7
11	31·1	31·1	31·3	31·3	32·2	32·1	32·9	32·3	33·7	33·7	33·7	33·7	34·1	34·1	35·0	35·0	35·7	35·7	36·2	36·2	36·8	36·8	37·1	37·1	32·4	31·5
12	32·0	32·0	31·1	32·1	30·0	30·0	29·4	29·4	29·0	29·0	27·1	27·1	26·2	26·2	26·9	26·9	27·1	27·1	27·0	27·0	27·0	27·0	27·2	27·2	32·9	33·0
13	24·9	24·9	25·0	25·0	24·9	24·9	24·4	24·4	23·3	23·3	23·2	23·2	23·1	23·1	23·4	23·4	23·8	23·8	23·7	23·8	23·8	23·8	23·5	23·5	24·4	24·4
14	30·2	30·2	31·2	31·2	31·6	31·6	32·0	32·0	32·3	32·3	32·3	32·3	32·4	32·4	32·7	32·6	32·9	32·7	33·2	33·2	34·2	34·2	34·9	34·9	29·3	29·2
15	38·3	38·3	38·1	38·1	38·1	38·1	37·9	38·0	38·0	38·0	37·9	37·9	37·9	37·9	37·9	37·9	37·3	37·3	37·0	37·0	36·7	36·7	36·1	36·1	37·5	37·5
16	33·3	33·3	33·1	33·1	32·8	32·8	32·9	32·9	32·9	32·9	33·2	33·2	33·0	33·0	33·1	33·1	33·0	33·0	33·5	33·5	34·8	34·3	35·0	35·0	33·8	33·7
17	34·8	34·5	34·1	34·1	34·2	34·2	36·0	34·5	33·7	33·0	33·1	33·1	34·4	34·4	34·1	34·1	34·2	34·2	34·7	34·8	34·7	34·7	34·0	34·0	35·8	35·0
18	35·6	35·0	37·4	35·9	36·2	36·0	37·9	35·5	37·7	35·6	37·0	35·4	37·7	34·8	35·5	34·8	37·7	34·0	35·2	34·2	35·1	34·7	35·8	34·9	35·0	34·2
19	38·5	36·8	38·2	36·8	38·5	36·7	37·6	36·2	37·6	36·0	37·9	36·6	37·1	36·8	37·4	37·2	38·2	38·2	38·1	38·1	38·2	38·2	38·7	38·7	37·8	36·4
20	43·7	43·5	45·0	44·4	48·4	43·3	48·9	44·3	46·9	43·1	46·0	42·1	47·0	42·8	46·1	42·1	45·1	42·4	45·9	44·1	46·2	43·9	46·0	42·7	44·2	42·7
21	51·2	44·9	51·9	44·9	51·1	43·6	50·9	44·0	47·5	42·8	45·7	41·2	45·4	42·1	46·0	38·1	45·1	38·0	44·9	36·8	45·1	34·0	44·2	33·2	47·0	40·4
22	42·2	30·0	42·0	30·0	42·1	29·8	40·9	28·5	41·6	34·0	39·5	29·9	39·0	30·0	38·9	31·7	39·0	31·9	38·4	30·0	38·2	29·1	38·0	29·9	41·2	30·0
23	38·5	32·8	35·9	34·3	35·3	35·3	34·5	34·5	33·8	33·8	34·7	34·7	34·3	34·3	34·0	33·9	35·1	35·0	34·8	34·8	35·0	35·0	34·8	34·8	36·2	35·0
24	36·7	36·7	37·2	37·2	37·4	37·4	37·8	37·8	37·6	37·6	37·5	37·5	37·6	37·6	37·9	37·9	38·3	38·3	38·9	38·9	38·8	38·8	38·2	38·1	36·2	36·2
25	39·9	39·9	40·7	40·8	41·2	41·2	41·8	41·8	42·0	42·1	42·0	42·1	42·4	42·4	42·9	43·0	42·2	42·2	42·0	42·0	42·9	42·9	42·8	42·8	40·0	40·0
26	41·8	41·9	41·9	41·9	41·5	41·5	41·4	41·4	41·8	41·9	41·9	42·0	42·0	42·1	43·5	43·5	45·0	45·0	45·4	45·4	46·8	46·8	46·9	47·0	42·8	42·8
27	48·9	48·9	49·0	49·0	48·9	48·9	48·9	48·9	48·6	48·6	47·4	47·4	48·1	48·1	47·5	47·5	46·5	46·5	46·2	46·2	45·3	45·3	45·1	45·1	47·6	47·7
28	42·8	42·9	42·1	42·1	41·3	41·4	39·8	39·8	38·4	38·5	37·3	37·3	36·0	36·0	35·9	35·9	35·3	35·3	34·8	34·7	33·2	33·2	32·8	32·8	40·8	40·8
29	31·8	31·8	30·6	30·8	30·9	30·9	30·4	30·4	31·2	31·2	31·4	31·4	31·7	31·7	32·0	32·0	32·1	32·0	31·9	31·9	32·0	32·0	31·9	31·9	31·4	31·5
30	32·2	32·2	31·9	32·0	32·2	32·2	32·2	32·2	31·1	31·1	31·2	31·2	31·2	31·2	31·1	31·1	30·3	30·3	29·9	29·9	30·0	30·0	30·9	30·9	31·8	31·8
31	31·2	31·2	31·8	32·0	30·9	30·9	30·7	30·7	30·5	30·5	29·9	29·9	29·9	29·9	30·0	30·0	29·9	29·9	29·4	29·4	29·1	29·1	28·9	28·9	30·6	30·6
MEAN	34·3	33·4	34·3	33·6	34·3	33·4	34·1	33·2	33·7	33·0	33·3	32·7	33·3	32·7	33·4	32·7	33·5	32·8	33·5	32·8	33·5	32·7	33·4	32·7	33·6	32·8

TEMPERATURE. DRY AND WET BULBS. NOVEMBER 1888.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	29·0	29·0	28·9	28·9	29·1	29·1	28·8	28·8	29·0	29·0	28·8	28·8	28·0	28·1	28·3	28·3	28·3	28·3	28·5	28·5	28·6	28·7	28·9	28·9	29·1	23·4
2	22·8	22·8	22·8	22·8	22·9	22·9	22·9	22·9	23·0	23·0	23·5	23·4	23·9	23·6	24·7	24·7	26·2	26·2	27·4	27·4	28·6	28·7	28·7	28·7	30·1	22·8
3	30·2	30·2	30·3	30·3	30·5	30·5	30·7	30·7	31·0	31·0	30·8	30·9	30·4	30·4	30·0	30·0	29·9	29·9	29·9	29·9	30·1	30·1	29·9	29·9	31·0	27·1
4	28·2	28·2	28·6	28·6	28·8	28·8	28·6	28·6	28·3	28·3	28·0	28·0	28·1	28·1	27·9	27·9	27·8	27·8	27·9	27·9	26·7	26·8	26·8	26·9	28·8	26·0
5	27·3	27·3	27·1	27·1	27·1	27·1	27·0	27·0	26·4	26·5	26·6	26·7	26·2	26·2	26·0	26·0	26·5	26·5	26·9	26·8	27·3	27·3	27·3	27·3	29·1	26·0
6	26·1	26·1	25·9	25·9	25·5	25·5	25·1	25·2	25·0	25·0	24·9	24·9	24·7	24·8	24·8	24·8	24·3	24·4	24·2	24·2	24·0	24·2	24·5	24·6	26·1	21·8
7	23·9	23·9	23·8	23·8	23·8	23·8	23·7	23·7	23·8	23·8	24·0	24·0	23·8	23·8	23·4	23·4	23·5	23·5	23·5	23·5	23·6	23·5	23·3	23·3	24·0	23·3
8	23·5	23·5	23·4	23·4	24·0	24·0	23·8	23·8	24·0	24·0	23·8	23·8	23·9	24·0	24·0	24·0	24·3	24·2	24·2	24·1	24·4	24·3	25·0	25·0	25·0	23·0
9	23·8	23·8	23·9	23·9	23·9	23·9	24·0	24·0	24·2	24·2	24·6	24·6	24·9	24·9	25·3	25·3	26·2	26·1	26·9	26·9	27·0	27·0	27·2	27·2	27·9	23·8
10	24·3	24·3	24·8	24·8	24·8	24·8	24·7	24·7	24·7	24·7	24·7	24·7	24·8	24·8	24·9	24·9	25·9	25·9	26·8	26·8	27·6	27·5	27·4	27·4	29·8	24·3
11	28·0	28·0	27·1	27·1	26·1	26·1	26·3	26·3	27·3	27·2	29·3	29·0	28·5	28·5	30·1	30·0	30·0	30·0	30·3	30·3	30·7	30·8	31·0	31·0	31·5	26·1
12	30·2	30·2	29·0	29·0	28·7	28·7	28·7	28·7	28·0	28·1	28·2	28·2	28·1	28·1	28·8	28·8	29·6	29·6	29·8	29·8	30·5	30·5	31·0	31·0	31·9	27·9
13	31·1	31·1	31·0	31·0	31·0	31·0	31·1	31·1	31·9	31·9	32·1	32·0	32·2	32·0	32·2	32·2	32·4	32·2	32·5	32·2	32·5	32·3	32·6	32·4	32·6	31·0
14	32·1	32·1	32·2	32·2	32·5	32·5	32·7	32·7	32·7	32·7	32·6	32·6	32·7	32·7	33·0	33·0	32·8	32·8	32·0	32·0	32·2	32·2	32·2	32·2	33·0	29·5
15	32·0	32·0	31·0	31·0	32·0	31·1	34·0	30·5	33·1	31·0	34·0	32·0	32·0	32·0	33·7	33·8	35·8	35·8	37·0	37·0	34·7	34·7	32·0	32·0	37·0	29·1
16	30·2	30·2	34·1	32·8	37·3	37·3	39·0	39·1	38·0	38·0	37·8	37·5	34·4	34·4	32·7	32·6	33·0	32·9	34·8	34·8	35·4	35·4	31·9	32·1	39·0	27·3
17	27·1	27·1	25·9	25·9	26·1	26·1	25·9	25·9	26·2	26·2	25·3	25·3	24·3	24·5	25·2	25·2	24·1	24·1	24·1	24·2	23·2	23·3	23·2	23·3	27·1	23·2
18	26·8	26·8	27·2	27·2	27·7	27·7	28·0	28·0	28·0	28·0	27·7	27·7	28·7	28·7	29·7	29·7	31·3	31·3	32·1	32·1	32·6	32·6	33·0	33·0	35·7	26·8
19	33·9	33·9	35·1	35·1	36·0	36·0	36·2	36·2	36·2	36·3	33·5	33·5	34·0	34·0	34·2	34·2	35·2	35·2	36·1	36·1	37·0	37·0	37·4	37·4	37·4	21·4
20	22·0	22·0	21·1	21·1	20·5	20·9	21·0	21·0	21·1	21·2	20·1	20·2	21·2	21·3	20·5	20·8	20·3	20·5	19·8	19·9	20·4	20·6	21·0	21·0	22·8	19·8
21	21·7	21·7	21·8	21·8	21·6	21·8	22·4	22·4	23·5	23·5	23·9	23·9	24·0	24·0	24·8	24·8	25·1	25·1	25·7	25·7	25·4	25·4	25·9	25·9	32·2	21·6
22	32·2	32·2	36·9	36·9	37·2	37·2	37·0	37·0	37·1	37·1	37·0	37·0	36·8	36·8	37·1	37·1	37·7	37·7	38·0	38·0	38·0	38·0	36·7	36·7	38·0	28·3
23	28·0	28·0	28·0	28·0	27·7	27·8	27·1	27·1	27·0	27·0	26·7	26·8	26·1	26·1	27·2	27·2	27·0	27·0	26·7	26·7	27·0	27·0	27·7	27·7	32·1	26·1
24	32·2	32·2	37·2	37·2	38·8	38·8	37·0	37·0	34·1	34·1	32·0	32·0	30·2	30·2	29·0	29·0	28·9	28·9	29·2	29·2	29·8	29·8	29·7	29·7	38·8	28·9
25	37·7	37·7	37·2	37·2	37·0	37·0	36·7	36·7	36·0	36·0	37·3	37·3	37·5	37·5	38·2	38·2	38·9	38·9	34·5	34·4	33·2	33·0	30·5	32·0	38·9	22·2
26	22·3	22·3	23·2	23·2	23·9	23·9	24·8	24·8	24·2	24·2	24·4	24·4	24·0	24·0	23·0	23·0	23·2	23·2	22·5	22·6	21·2	21·2	21·6	21·6	24·8	20·1
27	19·4	19·9	19·3	19·7	21·4	18·3	20·5	18·7	20·1	19·0	19·1	19·2	20·0	20·0	20·3	20·3	21·1	21·1	21·8	21·8	22·2	22·2	23·4	23·4	24·3	19·1
28	20·8	20·8	19·8	19·8	20·3	20·3	20·1	20·1	20·0	20·0	19·3	19·5	19·1	18·7	18·7	18·7	20·3	18·0	19·9	17·9	20·2	19·0	21·1	21·2	21·7	18·7
29	20·1	20·1	20·2	20·2	20·7	20·7	20·8	20·8	19·7	19·8	19·0	19·0	18·3	18·5	18·3	18·5	18·8	18·9	19·0	19·0	19·0	19·0	19·6	19·7	26·0	18·3
30	26·2	26·2	26·9	26·9	27·0	27·0	26·8	26·8	27·0	27·0	27·1	27·1	26·8	26·8	26·1	26·1	25·8	25·8	25·0	25·0	24·7	24·7	24·5	24·5	27·2	23·1
MEAN	27·1	27·1	27·5	27·4	27·8	27·7	27·8	27·7	27·7	27·6	27·5	27·5	27·3	27·2	27·4	27·4	27·8	27·7	27·9	27·8	27·9	27·9	27·8	27·9	30·4	24·3

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	28·0	28·0	27·8	27·8	26·6	26·7	25·9	25·9	25·0	24·9	24·8	24·7	24·3	24·3	24·3	24·3	24·0	24·0	23·9	23·9	23·8	23·8	23·4	23·4	26·9	26·9
2	28·3	28·4	28·1	28·1	27·3	27·5	27·6	27·6	27·6	27·7	27·8	27·8	28·2	28·2	28·5	28·5	29·0	29·0	29·2	29·2	29·9	29·9	30·1	30·1	26·6	26·6
3	30·0	30·0	29·8	29·8	29·3	29·3	29·0	29·0	29·0	29·0	28·7	28·7	28·0	28·0	27·2	27·2	27·1	27·1	27·2	27·2	27·3	27·3	27·9	27·9	29·3	29·3
4	27·0	27·1	27·1	27·1	26·4	26·4	26·6	26·6	26·0	26·0	26·1	26·1	26·8	26·8	26·5	26·5	26·3	26·3	27·0	27·0	27·2	27·2	27·6	27·6	27·3	27·4
5	27·7	27·7	27·9	27·9	28·4	28·4	28·8	28·8	29·1	29·1	29·0	29·0	29·0	29·0	28·8	28·8	28·3	28·3	28·3	28·3	28·1	28·1	27·2	27·2	27·6	27·6
6	24·0	24·2	23·9	24·1	23·9	23·9	22·9	23·0	22·5	22·5	22·0	22·0	21·8	21·8	22·1	22·1	22·6	22·6	22·6	22·6	22·9	22·9	23·0	23·0	23·9	23·9
7	23·3	23·3	23·6	23·6	24·0	24·0	23·7	23·7	23·9	23·9	23·4	23·4	23·9	23·9	23·5	23·5	23·9	23·9	23·9	23·9	24·0	24·0	23·7	23·7	23·7	23·7
8	24·9	24·9	24·3	24·3	24·5	24·5	24·7	24·7	24·6	24·7	24·4	24·4	23·9	23·9	24·9	24·9	24·2	24·2	23·3	23·3	23·0	23·0	23·2	23·2	24·1	24·1
9	27·9	27·9	26·0	26·0	25·9	25·9	25·8	25·8	25·5	25·5	25·1	25·1	25·0	25·0	24·8	24·8	24·8	24·8	24·9	24·9	24·2	24·2	24·1	24·1	25·2	25·2
10	27·8	27·8	28·1	28·1	28·0	28·0	29·3	29·3	29·1	29·1	29·0	29·0	28·5	28·5	29·1	29·1	29·7	29·7	29·8	29·8	29·1	29·1	28·9	28·9	27·2	27·2
11	30·1	30·1	31·0	31·0	31·0	31·1	31·2	31·2	31·5	31·5	31·4	31·8	31·4	31·4	31·1	31·1	31·2	31·2	31·3	31·3	31·1	31·1	31·2	31·2	29·9	29·9
12	31·9	31·9	28·9	28·9	27·9	28·0	28·7	28·7	29·0	29·0	30·2	30·2	30·3	30·3	29·5	29·5	30·2	30·2	30·9	30·9	30·8	30·8	30·1	30·1	29·5	29·6
13	32·3	32·3	32·2	32·2	32·1	32·1	32·0	32·2	32·2	32·2	32·2	32·2	32·4	32·4	32·4	32·4	32·1	32·1	31·8	32·1	32·0	32·0	32·0	32·0	32·0	32·0
14	32·0	32·1	32·2	32·2	32·3	32·3	31·8	31·8	31·4	31·4	29·5	29·8	31·4	31·4	32·0	32·0	32·0	32·0	32·1	32·1	32·0	32·0	32·1	32·1	32·1	32·1
15	31·2	31·2	30·0	30·0	30·0	30·0	30·0	30·0	30·3	30·3	31·1	31·1	31·0	31·0	31·6	31·6	31·3	31·3	29·8	29·8	29·1	29·1	29·1	29·1	31·9	31·6
16	32·0	32·0	30·9	30·9	29·0	29·0	28·5	28·5	28·2	28·2	29·3	29·3	29·1	29·1	28·4	28·4	29·8	29·8	29·9	29·9	30·1	30·1	27·3	27·3	32·1	32·1
17	24·0	24·0	24·2	24·2	24·8	24·8	24·9	24·9	25·1	25·1	25·4	25·4	25·4	25·4	25·1	25·1	26·0	26·0	26·3	26·3	26·1	26·1	26·1	26·1	25·2	25·2
18	34·2	34·2	35·3	35·3	35·5	35·5	35·7	35·7	35·7	35·7	34·9	34·9	34·0	34·0	34·0	34·0	33·6	33·6	34·0	34·0	33·4	33·4	34·0	34·0	32·0	32·0
19	31·9	32·1	31·1	31·1	31·3	31·3	29·0	29·1	26·8	26·8	24·5	24·7	23·4	23·7	23·3	23·3	21·9	21·9	21·4	21·4	21·8	21·8	21·9	21·9	30·5	30·6
20	21·1	21·1	21·3	21·3	21·9	21·9	21·6	21·6	22·0	22·0	22·2	22·2	22·0	22·0	21·4	21·4	22·3	22·3	22·4	22·4	22·8	22·8	22·0	22·0	21·3	21·4
21	25·2	25·2	25·0	25·0	25·6	25·6	25·9	25·9	26·6	26·6	27·1	27·1	27·3	27·3	27·8	27·8	27·3	27·3	27·5	27·5	29·0	29·0	32·2	32·2	25·5	25·5
22	35·8	35·8	35·1	35·1	32·9	32·9	32·0	32·2	31·7	32·0	31·2	31·2	30·8	30·8	30·1	30·1	30·0	30·0	29·0	29·0	29·1	29·1	28·3	28·3	34·1	34·1
23	27·9	27·9	28·2	28·2	27·6	27·6	28·0	28·0	28·6	28·6	28·4	28·4	28·7	28·7	29·0	29·0	28·0	28·0	27·2	27·2	27·1	27·1	32·1	32·1	27·8	27·8
24	29·8	29·8	30·0	30·0	30·4	30·4	30·0	30·0	30·3	30·3	30·1	30·1	31·0	31·0	32·2	32·2	35·2	35·2	37·4	37·4	38·0	38·0	38·0	38·0	32·5	32·5
25	29·0	29·0	29·4	29·4	28·2	28·2	27·2	27·2	27·8	27·8	27·4	27·4	25·3	25·3	25·8	25·8	24·3	24·3	24·2	24·2	23·1	23·1	22·2	22·2	31·2	31·2
26	22·5	22·6	22·2	22·2	22·3	22·3	22·0	22·0	21·2	21·2	20·4	20·4	20·1	20·1	21·7	16·0	21·4	16·2	21·2	18·7	21·5	17·9	20·1	19·2	22·3	21·6
27	24·0	23·9	24·3	24·3	23·9	23·9	23·4	23·4	23·3	23·3	22·6	22·6	21·9	21·9	21·4	21·4	20·9	20·9	20·2	20·2	20·3	20·3	21·0	21·0	21·5	21·3
28	21·7	21·7	20·9	20·9	19·9	20·1	19·2	19·3	19·1	19·2	18·9	19·0	19·1	19·1	19·4	19·7	19·3	19·4	19·2	19·3	19·9	19·9	19·8	19·8	19·3	19·6
29	20·4	20·4	20·8	20·8	21·0	21·0	21·2	21·2	21·6	21·6	22·0	22·0	23·4	23·4	24·1	24·1	24·9	24·9	25·1	25·1	25·5	25·5	26·0	26·0	21·2	21·3
30	24·0	24·0	23·7	23·7	23·5	23·5	23·2	23·3	23·1	23·1	23·4	23·4	26·8	26·8	25·3	25·3	27·0	27·0	27·2	27·0	26·0	26·2	27·0	27·0	25·6	25·6
MEAN	27·7	27·7	27·4	27·4	27·2	27·2	27·0	27·0	26·9	26·9	26·8	26·8	26·8	26·8	26·8	26·7	27·0	26·8	26·9	26·9	26·9	26·8	27·1	27·0	27·3	27·3

TEMPERATURE. DRY AND WET BULBS. DECEMBER 1888.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	27·2	27·2	27·2	27·2	27·3	27·3	27·2	27·3	26·8	26·9	26·8	26·9	27·1	27·1	27·1	27·1	26·2	26·2	26·9	26·9	28·6	28·6	29·8	29·8	32·5	26·2
2	28·0	28·0	28·0	28·0	27·2	27·2	27·2	27·2	27·9	27·9	27·5	27·5	28·0	28·0	28·8	28·8	29·5	29·5	29·9	29·9	29·8	29·9	30·6	30·7	32·8	27·2
3	32·0	32·0	35·2	35·2	34·4	34·4	35·3	35·3	36·3	36·3	37·5	37·5	37·6	37·7	39·8	39·8	39·4	39·3	39·4	39·2	39·3	39·2	39·9	39·9	41·3	32·0
4	37·3	37·3	37·1	37·1	37·0	37·1	37·0	37·0	36·0	36·0	35·8	35·8	35·1	35·1	35·0	35·0	34·9	34·9	35·0	35·0	35·3	35·3	35·2	35·2	37·3	31·0
5	34·0	34·0	34·6	34·6	35·2	35·2	34·5	34·5	34·8	34·8	35·5	35·6	36·2	36·1	37·3	37·3	37·7	37·6	37·7	37·6	37·2	37·2	37·2	37·2	38·7	34·0
6	35·3	35·3	35·3	35·3	35·7	35·7	35·7	35·7	35·9	35·9	36·0	36·1	36·1	36·1	36·0	36·0	36·0	36·0	35·9	35·9	35·7	35·7	35·9	35·9	38·3	34·4
7	37·8	37·8	36·1	36·1	37·2	37·2	37·2	37·3	37·0	36·9	37·0	36·7	36·2	36·0	35·9	35·9	36·3	36·3	35·8	35·8	35·7	35·7	36·1	36·1	37·8	29·0
8	28·4	28·4	28·0	28·0	27·6	27·6	27·1	27·1	27·1	27·1	27·2	27·2	27·2	27·2	27·8	27·8	27·6	27·6	27·4	27·4	27·2	27·3	27·9	27·9	28·4	24·0
9	23·8	23·8	24·1	24·1	24·2	24·2	24·2	24·2	24·0	24·0	23·9	23·9	23·7	23·8	23·1	23·1	22·8	22·9	23·9	23·9	24·8	24·8	26·0	26·0	27·5	22·8
10	27·3	27·3	27·1	27·1	26·6	26·6	26·7	26·7	26·8	26·8	26·2	26·2	27·8	26·6	27·6	26·3	29·3	27·0	31·0	28·2	31·5	28·9	32·2	29·2	32·2	25·8
11	27·4	25·4	24·0	24·3	26·2	25·0	25·5	24·7	26·0	24·8	25·0	24·1	26·4	23·8	27·4	24·3	27·3	23·3	25·6	23·0	25·0	23·8	23·7	23·9	29·0	23·7
12	27·8	27·8	28·9	28·9	28·6	28·6	27·6	27·6	27·8	27·8	27·5	27·5	27·0	27·0	27·0	27·0	26·7	26·7	26·3	26·4	26·7	26·6	26·2	26·2	29·0	26·0
13	28·0	28·0	27·8	27·8	27·9	27·9	27·4	27·4	28·0	28·0	28·3	28·3	28·1	28·1	27·9	27·9	28·0	28·0	28·0	28·0	28·1	28·1	27·9	27·9	31·2	25·7
14	31·2	31·3	31·4	31·4	31·7	31·7	31·8	31·8	32·0	32·0	32·0	32·0	32·0	32·0	32·1	32·0	32·2	32·2	32·5	32·2	32·0	32·2	31·3	31·4	32·5	24·1
15	24·3	24·3	24·7	24·7	25·0	25·0	25·1	25·1	25·0	25·0	25·2	25·2	25·7	25·7	26·0	26·0	26·5	26·5	27·0	27·0	26·9	27·0	27·0	27·0	30·8	24·3
16	31·0	31·0	29·5	29·5	29·9	29·9	30·0	30·0	29·7	29·7	29·0	29·1	29·4	29·7	28·6	28·7	28·7	28·7	29·0	29·0	29·5	29·5	29·3	29·3	31·0	28·6
17	30·1	30·1	30·1	30·1	30·0	30·0	29·8	29·8	29·9	29·9	30·1	30·1	30·3	30·3	29·8	29·8	29·5	29·5	29·5	29·5	29·9	29·9	29·3	29·3	30·4	29·0
18	29·0	29·0	29·0	29·0	28·5	28·5	28·1	28·1	27·8	27·8	27·2	27·2	26·2	26·2	26·3	26·0	27·8	25·9	32·5	27·5	33·3	28·3	32·2	27·5	33·3	25·0
19	27·8	27·8	28·0	28·0	28·0	28·0	29·0	29·0	29·6	29·6	30·2	30·2	30·8	30·8	31·7	31·7	32·4	32·4	33·6	33·6	33·5	33·5	33·8	33·8	36·4	27·6
20	27·9	27·9	28·9	28·9	29·1	29·1	29·4	29·4	29·5	29·5	29·5	29·5	28·9	28·9	28·8	28·8	28·4	28·4	28·7	28·7	28·7	28·7	28·6	28·6	31·1	26·2
21	25·9	25·9	25·1	25·1	25·0	25·0	25·8	25·8	26·3	26·3	26·0	26·0	25·1	25·1	24·7	24·8	23·8	23·8	23·9	24·0	25·3	25·5	27·0	27·0	32·0	23·8
22	31·8	31·8	32·0	32·0	32·0	32·0	32·1	32·1	32·0	32·0	31·9	32·0	32·0	32·0	32·1	32·0	31·5	31·5	31·2	31·2	31·7	31·7	32·0	32·0	32·1	30·8
23	31·1	31·1	31·1	31·1	31·1	31·1	30·6	30·6	30·4	30·4	30·0	30·0	29·8	29·8	29·9	29·9	29·7	29·8	29·0	29·1	29·2	29·3	29·1	29·1	31·1	28·5
24	27·3	27·3	27·3	27·3	28·7	28·7	28·2	28·2	27·8	27·8	26·0	26·0	25·6	25·6	26·4	26·4	26·0	26·0	26·4	26·4	24·9	25·0	25·1	25·2	28·7	19·9
25	20·4	20·4	20·2	20·2	20·8	20·8	21·0	21·0	21·0	21·0	21·0	21·0	20·3	20·3	20·0	20·0	20·4	20·4	20·8	20·8	20·8	20·8	21·0	21·0	25·1	20·0
26	22·6	22·6	22·6	22·7	22·0	22·0	21·3	21·3	20·8	20·9	20·1	20·2	19·3	19·4	19·6	19·7	20·0	20·0	20·4	20·5	20·8	20·8	20·9	20·9	22·6	19·3
27	21·2	21·2	21·2	21·2	21·1	21·1	21·1	21·1	21·3	21·3	21·1	21·1	20·5	20·5	19·7	19·8	19·6	19·6	19·6	19·7	19·7	19·8	20·1	20·1	24·9	19·6
28	25·0	25·0	25·9	25·9	26·1	26·1	25·8	25·8	25·7	25·7	25·7	25·7	25·9	25·9	25·3	25·3	23·9	23·9	24·8	24·8	24·8	24·8	24·8	24·8	26·1	19·9
29	21·2	21·2	21·2	21·2	21·3	21·2	21·2	21·2	21·2	21·2	21·0	21·0	20·5	20·5	20·0	20·0	19·6	19·6	18·9	18·9	20·2	20·2	18·9	19·0	21·3	18·2
30	18·3	18·3	18·3	18·3	18·1	18·0	17·6	17·0	17·3	15·8	16·9	16·0	17·5	16·2	16·7	15·9	16·6	16·6	17·8	17·6	18·1	18·1	18·1	18·1	24·1	16·6
31	25·0	25·0	24·5	24·5	26·0	26·0	27·7	27·5	27·7	27·7	28·0	28·0	28·0	28·0	28·9	28·9	28·3	28·3	29·2	29·2	28·8	28·8	29·0	29·0	29·2	24·5
MEAN	27·9	27·9	27·9	27·9	28·0	28·0	28·0	28·0	28·0	28·0	27·9	27·9	27·9	27·7	28·0	27·8	28·0	27·7	28·3	28·0	28·5	28·2	28·6	28·4	30·9	25·4

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	31·0	31·0	31·7	31·7	31·8	31·8	32·1	32·1	32·5	32·2	31·5	31·5	31·0	31·0	29·1	29·1	28·2	28·2	28·2	28·2	28·4	28·4	28·1	28·1	28·8	28·8
2	31·9	31·9	32·1	32·1	32·2	32·2	32·4	32·2	32·4	32·2	32·2	32·2	32·2	32·2	32·2	32·2	31·3	31·3	31·8	31·8	32·8	31·7	32·5	31·0	30·4	30·2
3	40·1	40·0	40·6	40·4	40·3	40·2	40·3	40·1	40·7	40·7	41·3	41·2	39·9	39·9	39·0	39·0	37·9	37·9	37·7	37·7	37·0	37·0	37·2	37·2	38·3	38·2
4	35·2	35·2	35·6	35·7	34·3	34·3	33·8	33·3	33·6	32·6	32·2	31·1	31·0	31·0	32·2	32·2	34·3	34·3	34·7	34·7	34·2	34·2	33·7	33·7	34·8	34·7
5	37·0	37·0	38·2	38·2	38·7	38·6	37·9	37·9	37·5	37·5	37·0	37·0	36·8	36·8	36·6	36·7	36·8	36·9	36·3	36·3	36·1	36·1	35·9	35·9	36·5	36·5
6	35·7	35·7	35·8	35·8	35·5	35·5	35·0	35·0	34·4	34·4	34·7	34·7	34·9	34·9	37·4	37·4	37·8	37·8	38·0	38·0	38·0	38·0	38·3	38·3	36·0	36·0
7	36·5	36·5	36·1	36·1	35·0	35·0	35·7	35·7	35·7	35·7	34·9	34·9	33·2	33·2	32·0	32·0	32·0	32·0	29·0	29·0	29·8	29·8	29·0	29·0	34·9	34·9
8	27·8	27·8	27·3	27·3	27·6	27·6	27·3	27·3	27·0	27·0	26·8	26·8	26·7	26·7	26·2	26·2	25·1	25·1	25·0	25·0	24·3	24·3	24·0	24·0	26·9	26·9
9	26·9	26·9	27·0	27·0	27·0	27·0	27·5	27·5	27·0	27·0	26·8	26·8	27·1	27·1	27·3	27·3	27·3	27·4	27·3	27·3	27·3	27·3	27·1	27·1	25·6	25·6
10	31·2	29·0	30·9	28·8	28·6	27·2	27·2	26·1	25·8	26·1	28·3	26·5	29·0	26·2	29·8	26·5	27·8	26·0	27·1	25·2	26·1	25·1	26·0	25·0	28·2	26·9
11	27·0	26·8	26·2	26·2	26·9	26·9	26·2	26·2	26·3	26·3	28·2	28·2	28·1	28·1	28·2	28·2	28·0	28·0	28·4	28·4	28·8	28·8	29·0	29·0	26·7	25·9
12	26·6	26·6	27·1	25·4	26·2	26·0	26·0	26·0	27·3	26·0	27·2	26·2	27·1	26·8	26·9	27·0	27·8	27·8	28·0	28·0	29·0	29·0	27·8	27·8	27·3	27·1
13	27·2	27·2	27·0	27·0	26·0	26·0	25·7	25·8	27·0	27·0	28·8	28·8	29·3	29·3	29·4	29·4	30·1	30·1	30·7	30·7	30·8	30·8	31·2	31·2	28·3	28·3
14	30·1	30·1	27·8	28·0	27·0	27·0	26·5	26·5	26·5	26·5	26·0	26·0	26·2	26·2	26·1	26·1	26·2	26·2	25·2	25·3	24·2	24·3	24·1	24·1	29·1	29·1
15	27·4	27·4	27·2	27·2	27·2	27·2	27·3	27·3	27·7	27·7	28·8	28·8	29·4	29·4	30·0	30·0	30·4	30·4	30·5	30·5	30·4	30·4	30·8	30·8	27·3	27·3
16	29·3	29·3	29·2	29·2	29·0	29·0	29·0	29·0	29·0	29·0	29·2	29·2	29·8	29·8	29·8	29·8	30·0	30·0	30·1	30·1	30·2	30·2	30·2	30·2	29·5	29·5
17	29·6	29·7	30·1	30·1	30·2	30·2	30·4	30·4	30·1	30·1	30·0	30·0	29·6	29·7	29·4	29·4	29·1	29·1	29·1	29·1	29·0	29·0	29·0	29·0	29·7	29·8
18	31·3	27·0	30·6	26·2	27·7	25·2	27·1	25·8	26·4	25·5	25·8	25·1	27·2	25·2	28·0	26·1	29·3	25·8	25·0	25·0	26·5	26·5	27·1	27·1	28·3	26·7
19	35·0	35·0	35·9	35·9	34·9	34·9	34·2	34·2	34·4	34·4	34·9	34·9	35·5	35·5	36·4	36·4	35·2	35·2	35·6	35·6	32·0	32·2	27·6	27·6	32·5	32·5
20	28·9	28·9	28·8	28·8	28·5	28·5	28·7	28·7	30·4	30·4	31·1	31·1	31·1	31·1	31·0	31·0	29·2	29·2	28·1	28·1	27·7	27·7	26·2	26·2	29·0	29·0
21	28·4	28·4	29·8	29·8	29·3	29·3	29·3	29·3	28·8	28·8	28·9	28·9	29·7	29·7	31·0	31·0	31·4	31·4	31·8	31·8	31·9	31·9	32·0	32·0	27·8	27·8
22	31·9	31·9	31·6	31·6	30·8	30·9	30·9	30·9	31·2	31·2	31·0	31·0	31·4	31·4	31·3	31·3	31·9	31·9	31·2	31·2	31·3	31·3	31·3	31·3	31·6	31·6
23	29·2	29·2	29·2	29·2	28·7	28·8	28·5	28·6	28·8	28·8	29·0	29·0	28·9	28·9	29·0	29·0	29·2	29·2	29·1	29·1	29·2	29·2	28·9	28·9	29·5	29·6
24	24·8	24·9	21·9	22·0	20·7	20·8	21·4	21·5	21·1	21·1	21·1	21·1	19·9	19·9	20·7	20·7	21·4	21·4	20·6	20·6	20·5	20·5	20·0	20·0	23·9	23·9
25	21·9	21·9	22·1	22·1	22·2	22·2	22·1	22·1	23·0	23·0	22·8	22·8	22·3	22·3	25·1	25·1	24·1	24·1	24·7	24·7	23·3	23·3	22·5	22·5	21·8	21·8
26	22·0	22·0	22·0	22·0	21·2	21·2	21·4	21·4	20·9	20·9	21·4	21·4	21·7	21·7	21·8	21·8	22·0	22·0	21·9	21·9	21·3	21·3	21·3	21·3	21·2	21·2
27	20·8	20·8	20·8	20·8	21·7	21·7	21·7	21·7	23·3	23·3	23·7	23·7	23·3	23·3	23·1	23·1	23·6	23·6	24·1	24·1	24·4	24·4	24·9	24·9	21·7	21·7
28	24·7	24·7	24·1	24·2	23·5	23·6	22·2	22·2	22·2	22·2	21·9	21·9	20·4	20·4	19·9	19·9	20·8	20·8	21·0	21·0	20·9	20·9	21·1	21·1	23·6	23·6
29	20·0	20·0	18·2	18·0	18·7	18·7	18·2	18·2	19·0	19·0	18·9	18·9	18·6	18·6	18·9	18·9	18·3	18·3	18·2	18·2	18·8	18·8	18·3	18·3	19·6	19·5
30	18·4	18·7	18·9	18·9	17·9	17·9	18·3	18·3	19·2	19·1	20·0	20·0	19·9	19·9	21·0	21·0	21·8	21·8	21·7	21·7	22·2	22·2	24·1	24·1	18·9	18·7
31	28·8	28·8	28·0	28·0	27·5	27·5	26·8	26·8	26·9	26·9	26·4	26·4	27·0	27·0	29·2	29·2	29·2	29·2	29·1	29·1	27·6	27·6	26·0	26·0	27·6	27·6
MEAN	28·9	28·7	28·8	28·5	28·3	28·2	28·1	28·0	28·3	28·1	28·4	28·3	28·3	28·2	28·6	28·5	28·6	28·5	28·4	28·3	28·2	28·1	27·9	27·8	28·2	28·1

RAINFALL. INCHES FOR HOUR ENDING— JANUARY 1888.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.
1	–	–	–	–	–	–	–	–	–	·008	·003	·002	·001	–	–	–	–	–	–	–	–	–	–	·003	0·017
2	·003	·003	·001	·001	·006	·011	·008	·009	·001	·001	·002	–	–	–	·001	·005	·040	·045	·010	·024	·003	·015	·012	·075	0·276
3	·026	·065	·064	·009	·008	·008	·007	·004	–	–	–	–	–	–	–	·048	·011	·070	·091	·034	·063	·065	·098	·032	0·703
4	–	–	[·100]	[·200]	[·200]	[·200]	[·200]	[·200]	[·200]	·290	·290	·275	[·200]	[·200]	[·200]	[·200]	[·200]	[·200]	[·200]	[·200]	[·200]	[·200]	·118	·050	4·323
5	·003	·132	·035	·077	[·050]	[·050]	·059	·055	·015	·006	·010	·009	·018	·004	·017	·034	·007	·001	·007	·001	·009	–	·001	–	0·600
6	·001	–	·001	·001	·002	·002	–	–	–	–	–	·021	·012	·106	·175	·016	·029	·072	·067	·073	·026	·004	·033	·040	0·681
7	·035	·041	·003	·041	·062	·190	·058	·007	·012	·066	·005	·020	·001	·016	·015	·027	·050	·052	·045	·063	·078	·150	·054	·094	1·185
8	·090	[·095]	·097	[·120]	·110	[·108]	·092	[·083]	·070	[·073]	·075	[·090]	·085	[·070]	·047	[·035]	·020	[·024]	·020	[·010]	·002	–	–	–	1·416
9	–	–	·004	–	·010	–	·004	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·018
10	–	–	–	·004	·001	·005	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·010
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
13	–	–	–	–	·006	–	·002	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·008
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·001	–	–	–	–	–	0·001
21	·001	·002	·044	·070	·225	·099	·017	·049	·040	·032	·028	·070	·090	·125	·103	·090	·072	·050	·020	·002	·002	·001	·001	·003	1·236
22	·001	·002	·001	·001	·002	·002	–	·001	·002	–	·001	·001	–	–	–	·007	·058	·042	·025	·008	·041	·002	·003	·002	0·202
23	–	·001	–	–	–	–	–	·002	·005	·005	–	–	–	–	·001	·023	·023	·008	·007	·002	·001	·040	·048	·066	0·232
24	·100	·135	·214	·222	·115	·133	·057	·006	·006	·002	·001	–	–	–	·015	·060	·040	·020	·050	·052	·046	·040	·025	·063	1·402
25	·094	·250	·157	·169	·111	·050	–	–	·020	·037	·079	·080	·132	·094	·190	·130	·005	·036	–	·106	·065	·125	·035	·003	1·968
26	·004	–	·005	·002	·010	·059	·105	·043	·048	·045	·046	·025	·015	·060	·023	·008	·017	·029	·025	–	–	–	·003	·002	0·574
27	·008	·002	·002	·005	–	·005	·008	–	–	–	·033	·010	·009	·015	·005	·001	·003	·001	·002	–	–	–	·002	–	0·111
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
30	–	·018	·003	·007	·002	·007	·005	·008	·007	·002	·003	·006	·001	–	·002	·009	·009	·030	·051	·056	·076	·108	·112	·019	0·541
31	·040	·028	·060	·016	·082	·043	·019	·048	·088	[·015]	[·015]	–	–	–	–	–	–	[·015]	[·020]	[·020]	[·015]	–	–	–	0·524
SUM	0·406	0·774	0·791	0·945	1·002	0·972	0·641	0·515	0·514	0·582	0·591	0·609	0·564	0·690	0·794	0·693	0·584	0·695	0·641	0·651	0·627	0·750	0·545	0·452	16·028

RAINFALL. FEBRUARY 1888.

1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2	–	–	–	–	–	–	–	–	–	·004	·005	·012	·031	·038	·045	·027	·080	·150	·068	·007	–	·001	–	–	0·468
3	–	·010	·010	·012	·039	·020	·010	·009	·024	·030	·002	·011	·003	·006	–	·013	·008	·006	·020	·098	·098	·085	·110	·103	0·727
4	·073	·038	·019	·018	·022	·020	·003	·002	·001	–	–	·003	·009	·004	·010	·003	·020	·010	·022	·019	·032	·068	·062	·047	0·505
5	·080	·163	·176	·139	·205	·155	·101	·069	·091	·106	·095	·100	·100	·078	·062	·059	·053	·050	·037	·012	·005	·013	·011	·009	1·969
6	·038	·019	·011	·013	·013	·069	·078	·043	·022	·020	·027	·020	·015	·015	·018	·049	·034	·029	·022	·100	·102	·112	·093	·130	1·092
7	·017	·003	·028	·017	·028	·004	·010	·004	·035	·050	·057	·034	·038	·031	·058	·036	·032	·063	·030	·051	·068	·092	·069	·061	0·916
8	·045	·109	·068	·040	·029	·027	·009	·006	·005	·006	·003	·010	·012	·031	·109	·055	·028	·045	·070	·089	·058	·032	·001	·009	0·896
9	·001	·003	–	·002	·001	·011	·015	·002	·008	·005	·017	·008	·005	·002	·021	·010	·037	·005	·011	·001	·012	·060	·048	·041	0·326
10	·037	·103	·039	·029	·046	·038	·016	·020	·015	·010	·010	·025	·030	·010	·119	·042	·007	·006	–	–	–	–	–	–	0·602
11	·002	·060	·011	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·073
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·002	–	–	·002	·017	·126	·022	·008	·001	·040	0·218
13	·051	·030	·026	·018	·011	·011	·020	·021	·050	·037	·064	·010	·075	·009	·057	·010	–	–	–	–	–	–	–	–	0·500
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·010	·009	·008	·009	·015	0·051
17	·011	·011	·012	·021	·007	·008	·006	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·077
18	–	–	–	–	–	·005	·004	·002	·009	·009	·023	·015	·002	·001	–	–	–	·009	·006	–	·010	–	–	–	0·095
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
21	–	–	–	–	–	–	–	–	–	–	–	–	·017	·009	·010	·009	·021	·021	·012	·011	–	·050	·019	·029	0·208
22	·011	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·011
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
29	–	·010	·011	·002	·002	·005	·003	·004	·005	–	–	·004	–	–	–	–	·009	·001	–	–	–	–	–	–	0·056
SUM	0·366	0·559	0·411	0·311	0·403	0·373	0·275	0·183	0·265	0·277	0·303	0·252	0·337	0·234	0·511	0·313	0·329	0·397	0·315	0·524	0·416	0·529	·423	0·484	8·790

RAINFALL. INCHES FOR HOUR ENDING— MARCH 1888.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night	Amount.
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2	–	–	–	–	–	–	–	–	–	–	·018	·008	·009	·002	–	·003	·013	·006	·002	·022	·009	–	–	–	0·092
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
4	–	–	–	–	–	–	–	·008	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·008
5	–	–	–	–	–	–	–	–	–	–	·001	·001	·001	–	–	·001	·046	·022	·047	·012	·040	·020	·059	·028	0·278
6	·011	·010	·009	·007	·050	·020	·025	·015	·016	·099	·101	·068	·092	·070	·102	·015	·008	·005	·025	·092	·049	·013	·010	·021	0·933
7	·010	·070	·068	·113	·240	·295	·192	·245	·173	·090	·060	·063	·058	·138	·130	·140	·094	·060	·080	·090	·083	·080	·111	·130	**2·813**
8	·109	·071	·050	·059	·038	·040	·010	·028	·062	·030	·017	·018	·017	–	·028	·049	·040	·035	·048	·050	·046	·009	·009	·008	0·871
9	·004	·005	·001	·010	·040	·031	·030	·029	·045	·029	·031	·016	·057	·117	·089	·020	·007	·006	–	·002	–	–	–	–	0·569
10	–	–	–	–	·042	·040	·028	·020	·041	·008	·006	·008	–	–	–	–	·015	·002	·005	–	–	·003	–	–	0·218
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
16	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–	–	–	–	–	–	–	–	–	–
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·001	·010	·008	·012	·010	·009	·014	·008	·008	0·080
22	·011	·050	·054	·046	·057	·030	·006	·001	·021	·001	–	–	–	–	–	·002	–	·015	·001	·001	–	–	–	–	0·296
23	–	–	–	–	–	–	–	–	–	–	–	·003	–	–	·028	·010	·008	·008	·011	·029	·047	·032	·022	·032	0·230
24	·050	·049	·056	·024	–	–	–	–	–	·040	·027	·037	·019	·002	·004	·041	·075	·063	·027	·016	·011	·038	·039	·007	0·625
25	·004	–	·006	·018	·010	·006	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·044
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
27	–	–	–	·009	·060	·020	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·089
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	[·010]	[·020]	[·010]	[·010]	[·010]	[·010]	[·010]	[·010	[·010]	0·100
29	[·005]	[·005]	[·005]	[·005]	[·005]	[·005]	[·005]	·012	–	·001	–	–	–	·001	–	–	–	–	–	–	–	–	–	–	0·049
30	–	–	–	–	–	·001	·004	–	–	·001	·002	·007	·007	–	·012	·012	·010	–	·032	·028	·003	·008	–	–	0·127
31	–	–	–	–	–	–	–	–	–	–	–	–	–	·002	·002	–	–	–	·020	–	·001	–	–	–	0·025
SUM	0·204	0·260	0·249	0·291	0·542	0·488	0·300	0·358	0·358	0·299	0·263	0·229	0·260	0·332	0·395	0·304	0·346	0·240	0·320	0·362	0·308	0·227	0·268	0·244	7·447

RAINFALL. APRIL 1888.

1	–	–	–	–	–	–	–	–	–	·005	·003	·027	·020	·029	·060	·048	·031	·047	·040	·020	·007	·016	·012	·010	0·375
2	·006	–	–	–	–	–	–	–	–	–	–	–	–	–	[·010]	·018	·016	·007	·011	·009	–	–	–	–	0·077
3	–	–	–	–	–	–	–	–	–	–	–	–	–	·002	·002	–	–	–	–	–	–	–	–	·010	0·014
4	·001	–	·003	·019	·010	·018	·016	·016	·006	·008	·010	·020	·006	–	–	–	–	·003	·001	–	–	–	–	–	0·137
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·004	–	0·004
8	–	·002	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·002
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	[·010]	·020	·100	·073	·026	·045	·036	·009	·001	·001	0·321
10	–	–	–	–	–	–	–	–	–	–	·010	·031	·070	·047	·026	·043	·047	·009	–	·003	–	·002	·007	·030	0·325
11	·001	·025	·017	·016	·050	·044	·019	–	–	–	–	·010	·007	·009	·022	·029	·048	·011	·026	·010	·036	·002	·001	–	0·383
12	–	–	–	–	–	–	–	–	–	–	–	–	–	·007	·002	·010	·005	·018	·003	·009	·018	·124	·019	·077	0·292
13	·070	·057	·082	·075	·052	·053	·091	·050	·089	·008	·005	·043	·071	·056	·035	·059	·012	·025	·040	·024	–	·004	·009	·006	1·016
14	·012	·010	·015	·006	·010	·028	·008	·060	·040	·007	–	·015	–	–	–	–	–	–	–	–	–	–	–	–	0·211
15	–	–	–	–	–	–	–	–	–	·005	·051	·039	·013	·001	·001	·004	·018	·029	·030	·027	·022	·010	·002	–	0·252
16	–	–	–	–	–	–	–	·001	·001	·007	·006	·032	·038	·018	·017	·002	·002	–	·001	·002	–	–	–	–	0·127
17	–	–	–	–	–	–	·001	·011	·012	·004	·005	–	·010	·002	–	–	·011	·009	·008	·003	–	·019	–	–	0·095
18	–	·011	–	–	·008	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·019
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·020	·038	·208	·009	·001	·001	–	0·277
20	·001	·002	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·003
21	–	–	–	–	–	–	·002	–	–	–	–	–	·001	–	–	–	–	–	–	–	–	–	–	–	0·003
22	–	–	–	–	–	–	–	–	–	–	–	–	·001	–	–	–	–	–	–	–	–	–	–	–	0·001
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·006	–	·002	·016	·041	·077	·102	0·244
27	·158	·150	·192	·195	·195	·100	·013	·009	·008	·012	·002	·005	·001	·004	·009	·004	·001	·003	·022	–	·031	·035	·002	·002	**1.153**
28	·002	·028	·018	–	·004	·012	·015	·022	·075	·043	·133	·024	·037	·029	·004	·006	·005	·146	·103	·058	·047	·050	·052	·114	0·927
29	·043	·023	·010	·007	·001	·001	–	–	–	·110	·074	·102	·028	·066	·036	·004	·001	·042	·007	·001	·029	·025	–	·003	0·613
30	·002	·009	–	·001	–	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·003	·002	0·018
SUM	0·296	0·317	0·337	0·319	0·330	0·257	0·165	0·169	0·231	0·209	0·299	0·348	0·303	0·270	0·234	0·247	0·297	0·348	0·356	0·421	0·251	0·338	0·190	0·357	6·889

RAINFALL. INCHES FOR HOUR ENDING— MAY 1888.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.
1	·008	–	·008	·021	·001	·001	·001	·001	·001	·002	·011	·014	·020	·002	·013	·018	·035	·121	·016	·099	·017	·056	·038	·130	0·634
2	·005	·001	·036	–	·001	·002	·015	·015	·035	·030	·045	·018	·013	·017	·175	·071	·178	·050	·015	·018	·054	·051	·033	·036	0·914
3	·060	·019	·018	·048	·106	·050	·050	·009	·073	·065	·085	·065	·030	·040	·007	·006	·009	·065	·020	·030	·034	·010	·001	·002	0·902
4	·018	·002	·017	·011	·025	·060	·040	·022	·045	·055	·003	·090	·009	·008	·002	·027	·095	·056	·152	·054	·090	·089	·031	·017	1·018
5	·043	·052	·067	·041	·105	·038	·030	·010	·037	·010	·008	·035	·003	·009	·010	·002	·001	·002	–	–	–	–	·008	·009	0·520
6	·032	·002	·001	–	–	–	–	–	–	–	·001	–	–	·005	·037	·023	·017	·029	·046	·030	·037	·025	·014	·010	0·309
7	·038	·106	·084	·152	·048	·054	·045	·021	·035	·036	·050	·031	·064	·080	·152	·127	·116	·105	·160	·228	·155	·083	·076	·070	**2.116**
8	·056	·100	·050	·062	–	·027	·006	·024	·032	·034	·027	·008	·028	·009	·009	·007	·008	·010	·010	·026	·010	·002	·018	·003	0·566
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
13	–	–	·003	·040	·042	·130	·124	·102	·180	·022	·002	–	–	·002	·003	–	–	–	–	·010	–	·009	·001	·004	0·674
14	–	·002	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·001	·008	·004	–	–	–	·002	0·017
15	·010	·030	·008	·002	–	·001	·001	·001	–	·001	·001	–	–	–	·002	–	–	–	–	–	·001	–	–	–	0·058
16	–	–	–	–	–	–	–	–	–	–	–	–	·001	–	·003	–	–	·001	–	–	–	–	–	–	0·005
17	·002	·010	·009	·001	·002	·002	·002	·008	·021	·010	·018	·008	·008	·007	·026	·030	·008	·060	·006	·002	·001	·001	·002	·001	0·245
18	·001	·003	·008	·014	–	–	–	–	–	–	–	–	–	·003	[·050]	[·050]	[·050]	[·050]	·032	[·030]	[·030]	[·020]	·012	·008	0·361
19	–	·002	·002	·003	·005	·020	·009	·008	·004	·002	–	–	·023	·018	·330	·072	·180	·180	·150	·184	·085	–	·059	·063	1·399
20	·010	·004	·013	·007	·010	·018	·007	·002	·001	–	–	–	–	–	·010	·003	–	–	–	–	–	–	–	–	0·085
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·003	·015	·021	·012	·002	·002	·002	·001	·001	0·059
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
29	–	–	–	–	–	–	–	–	–	–	–	–	–	·001	–	·001	·001	·002	·001	·003	·010	·011	·025	·049	0·104
30	·026	·023	·026	·012	·007	·011	·002	–	·016	·054	·023	·073	·083	·080	·180	·005	·073	·082	·035	·048	·100	·127	·095	·228	1·409
31	·175	·120	·058	·016	·011	·059	·038	·035	·037	·035	·100	·077	·031	·069	·152	·135	·087	·049	·034	·069	·051	·017	·012	·010	1·477
SUM	0·484	0·476	0·408	0·430	0·363	0·473	0·370	0·258	0·517	0·356	0·374	0·419	0·313	0·350	1·161	0·580	0·873	0·884	0·697	0·837	0·677	0·503	0·426	0·643	12·872

RAINFALL. JUNE 1888.

1	·012	·007	·005	·002	·002	·095	·008	·002	·001	·002	·003	·001	–	–	–	–	–	–	–	–	–	–	–	–	0·140
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·008	·004	·006	·015	·012	·009	·003	·002	·002	–	0·061
3	·030	–	–	·001	·066	·123	·055	·030	·025	·008	–	–	·029	·123	·079	·010	·008	·042	·025	·063	·023	·031	·018	·008	0·797
4	·015	·001	·009	·005	·001	·002	·009	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·042
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·008	–	·001	·001	·001	–	–	–	–	0·011
7	–	–	–	–	–	·003	·009	·002	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·001	·019	0·034
8	·015	·004	·004	·002	·001	·001	–	·001	–	·008	·002	·009	·013	·008	·008	·018	·025	·003	·006	·020	·008	·010	·008	·002	0·176
9	·002	–	·010	·010	·073	·015	·007	–	–	·001	·001	–	·005	·001	·009	·187	·060	·010	·009	·007	·004	·008	·050	·049	0·518
10	·011	·012	·001	·078	·073	·065	·089	·058	·025	·033	·005	·013	·006	·020	·003	–	–	–	–	–	–	–	–	–	0·492
11	–	–	–	–	–	–	–	–	–	–	–	–	–	·010	·017	·007	·007	·001	·012	·021	·047	·031	·022	·014	0·189
12	·058	·058	·049	·035	·031	·057	·066	·038	·060	·030	·023	·039	·068	·030	·028	·075	·087	·048	·025	·141	·026	–	–	·002	**1·074**
13	–	·009	·001	·022	·003	·002	·036	·012	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·086
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
15	–	–	·018	·046	·019	·009	·001	·003	·007	·002	·010	·007	·002	·001	–	·001	–	–	–	–	–	–	–	–	0·126
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·001	·011	–	–	–	–	–	0·012
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
SUM	0·143	0·091	0·097	0·201	0·269	0·372	0·280	0·146	0·119	0·084	0·044	0·069	0·123	0·193	0·152	0·310	0·193	0·121	0·101	0·262	0·111	0·082	0·101	0·094	3·758

RAINFALL. INCHES FOR HOUR ENDING— JULY 1888.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·011	·055	·055	·070	·080	·059	·086	·040	·032	0·488
3	·053	·018	·002	·019	·040	·098	·055	·048	·030	·005	·011	·003	·008	·018	·010	·009	·010	·020	·023	·006	·001	·002	·006	·009	0·504
4	·016	·012	·004	·001	·007	·012	·018	·010	·006	·006	·002	·002	·002	·006	·001	–	–	–	–	·001	·001	–	–	–	0·107
5	·002	·002	·009	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·001	–	–	0·015
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·007	–	·020	–	·018	0·045
7	·013	·004	·002	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·020
8	–	–	–	·008	·032	·005	·003	–	·003	·015	–	·002	·008	·002	·010	·001	·002	·012	·056	·062	·019	·012	·042	·033	0·327
9	·029	·022	·045	·038	·101	·117	·115	·153	·028	·008	·002	·017	·030	·015	·009	·028	·012	·008	·001	·009	·004	·003	·002	·001	**0·797**
10	–	–	–	–	–	–	·001	·018	·033	·030	·208	·068	·008	–	–	–	–	–	–	–	·030	–	·010	·100	0·506
11	·081	·036	·050	·004	·001	–	–	–	–	–	–	–	–	–	–	–	·016	–	·008	–	–	–	–	–	0·196
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
13	·010	·009	·010	·011	·011	·008	·015	·007	·002	·001	·001	·001	·014	·007	·005	–	–	·002	–	·001	–	–	·008	–	0·123
14	·002	–	·019	–	–	–	–	–	–	–	–	–	–	–	–	·009	–	·003	–	·002	·001	·004	·011	·011	0·062
15	·011	·002	·001	–	–	–	–	–	–	·007	·008	·010	·013	·009	·023	·039	·034	·042	·020	·007	·010	·014	·023	·014	0·287
16	·019	·011	·012	·010	·018	·018	·013	·045	·013	·004	·006	·022	·023	·008	·058	·003	·001	–	·001	·003	–	·010	·011	·018	0·327
17	·013	·035	·010	·002	·002	·025	·040	·010	·015	·020	·111	·076	·088	·098	·081	·005	·001	·003	·040	·020	·010	·003	–	–	0·708
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·025	–	·106	·059	·005	·001	–	·001	0·197
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·013	·004	·001	–	·008	·010	·031	0·067
21	·006	·010	·010	·014	·003	·008	·001	·111	·172	·030	·024	·022	·007	·008	·001	–	–	·003	–	·003	·001	–	–	–	0·434
22	–	–	–	–	–	–	–	–	–	–	·018	·045	·010	·011	·008	·013	·015	·001	·086	·027	·088	·008	·020	·048	0·398
23	·117	·030	·025	·053	·045	·065	·044	·054	·094	·013	·002	–	·002	–	–	·034	·025	·014	·001	·002	·003	–	–	–	0·623
24	–	–	–	·047	·026	·078	·013	·008	·002	·008	·008	·026	·095	–	·004	–	·012	–	·018	–	·006	·006	·004	·002	0·363
25	–	·024	·009	·008	·002	–	–	–	–	–	–	–	·002	·001	·001	·063	·007	·002	·003	·001	–	–	–	–	0·123
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·143	·042	·078	·010	·020	·001	·002	0·296
27	–	–	–	–	–	–	–	–	–	–	–	–	–	·062	·130	·009	·008	·046	·009	·019	·003	·002	–	–	0·288
28	–	–	–	·002	–	–	–	·002	·008	·007	·007	·007	·011	·012	·018	·010	·010	·002	·008	·016	·022	·036	·050	·053	0·281
29	·020	·019	·011	·008	·007	·010	·003	·003	·001	–	·001	·001	·022	·032	·030	·009	·002	·006	·018	·010	·010	·001	·002	·002	0·228
30	·001	–	–	–	–	–	–	–	–	–	–	–	·002	–	·002	–	–	–	·001	–	·003	–	·001	–	0·010
31	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
SUM	0·393	0·234	0·219	0·227	0·295	0·444	0·321	0·469	0·407	0·154	0·409	0·302	0·345	0·289	0·391	0·243	0·235	0·375	0·515	0·414	0·286	0·237	0·241	0·375	7·820

RAINFALL. AUGUST 1888.

1	–	–	–	·002	–	–	–	–	–	–	–	–	·010	–	–	·001	–	–	–	–	–	–	–	–	0·013
2	–	–	–	–	–	–	–	–	–	–	–	–	·001	·001	·001	–	–	–	–	–	–	–	–	–	0·003
3	–	–	–	–	–	–	·006	–	–	–	·001	·151	·205	·240	·105	·011	·007	·005	·001	·004	·001	–	–	–	0·737
4	–	–	–	·020	·002	–	·078	·032	·011	·010	·003	–	–	–	–	–	–	·001	·009	·037	·015	·003	·018	·010	0·249
5	·008	–	·002	·001	·001	–	–	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·013
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·002	–	·004	·006	·009	·010	·008	·006	·007	·012	0·064
7	·022	·029	·018	·037	·034	·060	·021	·013	·022	·053	·080	·182	·324	·170	·068	·172	·047	·126	·006	·009	·002	·007	·003	·003	1·508
8	·003	·027	·008	·010	·012	·025	·110	·009	·003	·023	·008	·011	·028	·005	·013	·033	·007	·005	·067	·002	·018	·018	·040	·015	0·500
9	·009	·082	·019	·010	·006	·002	·004	·001	·001	001	–	–	–	·001	–	·001	–	–	–	–	–	–	·001	·001	0·139
10	–	·002	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·002
11	–	–	–	–	·001	–	–	–	·001	–	–	·013	·001	·030	·006	·005	·001	·001	·004	·006	·008	·010	·010	·018	0·115
12	·007	·018	·013	·008	·006	·007	·046	·006	·033	·014	·013	·055	·004	·006	·001	·001	–	·002	–	·001	·005	·045	·056	·042	0·389
13	·010	·002	–	–	–	·007	·045	·214	·094	·061	·065	·056	·143	·039	·090	·018	·003	·007	·118	·084	·022	–	·003	·001	1·082
14	·002	–	–	–	·009	–	–	–	·001	–	–	·090	·008	–	–	–	–	–	–	–	–	–	–	–	0·110
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·002	·020	0·022
20	·015	·040	·024	·038	·035	·013	·009	·006	·005	·002	·002	·001	–	·001	–	·012	·001	·001	–	·003	·019	·002	·010	·002	0·241
21	·001	–	·002	–	–	–	–	–	–	–	–	–	–	–	–	–	·002	·001	–	·002	·002	–	–	–	0·010
22	–	–	–	·110	·023	–	·007	·022	·115	·002	·001	·021	·008	·011	·001	·007	·008	·210	·014	·002	·002	·001	–	–	0·565
23	–	–	–	–	–	–	–	–	·008	·016	–	–	·016	·002	·002	·004	·053	·074	·070	·075	·113	·080	·052	·050	0·615
24	·035	·056	·011	·020	·060	·004	·003	·004	·025	·030	·002	–	–	–	–	–	–	–	–	–	–	–	–	–	0·250
25	–	–	–	–	–	–	–	–	–	–	–	–	·015	–	·018	·045	·001	–	·001	·001	·001	·001	·002	·024	0·109
26	·065	·016	·002	·003	–	·069	·119	·250	·064	·015	·063	·015	·113	·070	·037	·068	·039	·005	·030	·148	·020	·002	·015	·058	1·286
27	·040	·054	·038	·178	·089	·190	·075	·120	·125	·005	·030	·065	·120	·015	·018	·009	·016	·022	·009	·009	·058	·130	·023	·079	**1·517**
28	·050	·055	·006	·057	·027	·009	·046	·030	·070	·142	·040	·024	·016	·003	·010	·065	·057	·004	·098	·044	·010	·040	·008	·041	0·952
29	·024	·008	·045	·022	·034	·105	·029	·079	·048	·050	·026	·003	·014	·092	·072	·100	·001	·002	·057	·030	·028	·001	·001	–	0·871
30	–	–	–	·015	·067	·071	·010	·044	·065	·077	·096	·118	·043	·030	·007	·030	·068	–	·021	·035	·001	·006	·054	–	0·858
31	–	–	–	–	–	·031	·005	·001	·034	·006	–	·060	–	–	–	·004	–	–	–	–	–	–	·004	·003	0·148
SUM	0·291	0·389	0·188	0·531	0·406	0·593	0·613	0·832	0·725	0·507	0·430	0·865	1·069	0·716	0·451	0·586	0·315	0·472	0·514	0·502	0·333	0·352	0·309	0·379	12·368

RAINFALL. INCHES FOR HOUR ENDING— SEPTEMBER 1888.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.
1	·011	·015	·042	·050	·076	·083	·046	·044	·069	·074	·108	·080	·079	·066	·112	·013	·109	·011	·010	·034	·038	·041	·039	·012	1·262
2	·038	·043	·060	·003	·018	·002	·002	–	–	·007	·093	–	·001	·010	·017	·040	–	·001	·022	–	·001	–	–	–	0·358
3	–	–	–	–	–	·002	–	·001	·037	·012	·020	·001	·027	·037	·001	·002	·019	·010	·033	·011	·031	·028	·058	·070	0·400
4	·043	·048	·066	·096	·018	·001	·010	·001	·005	·035	·081	·062	·020	·053	·046	·023	·035	·057	·011	·010	–	–	–	–	0·721
5	–	·012	·026	·057	·065	·072	·102	·073	·002	·004	·007	·016	–	·002	·001	·003	–	·049	·004	·002	·001	·080	·008	·003	0·589
6	·080	·012	·109	·010	·040	·013	·058	·066	·152	·031	·069	·014	·102	·017	·066	·126	·038	·056	·212	·056	·014	·020	·106	·048	**1·515**
7	–	·015	·042	·007	·002	·001	·007	·001	·002	·027	·019	·020	·001	·004	·001	–	–	–	–	–	·007	·001	–	–	0·157
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
9	–		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11	·028	·040	·030	·050	·062	·075	·086	·008	·015	·012	·050	·044	·070	·158	·051	·020	·002	·004	–	·001	·001	·010	·001	·004	0·822
12	·030	·008	·002	·001	–	–	–	·004	·001	–	–	·020	·051	·009	·001	·001	–	–	–	–	–	–	–	–	0·128
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
15	–	–	–	–	–	–	–	·005	·002	·020	·040	·043	·044	·065	·030	·010	·012	·058	·020	·085	·051	·011	·016	·014	0·526
16	·013	·003	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·017
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18	·010	–	–	·001	·006	·005	·005	·004	·001	·001	·002	·001	·001	–	–	–	–	–	·005	·001	·001	–	–	–	0·044
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
25	–	–	–	·002	–	–	–	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·003
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
28	–	–	–	–	–	–	–	–	–	·013	·008	·008	·020	·016	·007	·008	·020	·022	·025	·008	·010	·003	·002	·001	0·171
29	·002	·017	·020	·009	·002	–	–	–	–	–	·032	·012	–	–	–	·004	–	–	·001	·001	·023	–	·011	·051	0·185
30	·002	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·002
SUM	0·257	0·213	0·398	0·286	0·289	0·254	0·316	0·208	0·286	0·236	0·529	0·321	0·416	0·437	0·333	0·250	0·235	0·268	0·343	0·209	0·178	0·194	0·241	0·203	6·900

RAINFALL. OCTOBER 1888.

1	·011	·011	·026	·018	–	–	–	–	–	–	–	–	–	·005	·001	·011	·007	–	–	·001	·001	–	–	·001	0·093
2	·002	·009	·010	·003	·013	·013	·007	·024	·023	·064	·049	·020	·022	·078	·083	·074	·121	·048	·020	–	·002	–	–	–	0·685
3	–	–	–	–	–	–	·010	·005	·006	–	–	–	·014	·010	·001	–	–	–	–	–	·001	–	–	–	0·047
4	·034	·059	·001	·013	·053	·082	·152	–	·003	·005	–	–	·030	·007	·048	·004	·011	·012	·008	·020	·045	·070	·040	·030	0·727
5	·042	·048	·050	·058	·057	·055	·041	·038	·026	·022	·027	·018	·018	·011	·010	·003	·001	–	–	–	·006	·001	–	·010	0·542
6	·002	–	·010	·010	·010	·028	–	–	·006	·002	–	·002	·001	–	–	–	·010	–	·009	·003	–	–	–	–	0·093
7	–	–	–	–	–	–	–	·014	–	–	–	–	–	·002	–	–	–	–	–	·001	·001	·016	·021	·004	0·059
8	·011	·017	·002	·001	–	–	·001	–	·001	–	·002	·024	·001	·006	·001	·018	·042	·060	·035	·009	·009	·005	·001	·001	0·247
9	·001	·002	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·014	–	–	–	–	–	–	0·017
10	–	–	–	·012	–	–	·001	–	–	–	–	·001	–	·001	·020	·010	–	–	–	–	·008	–	–	–	0·053
11	–	–	–	–	–	–	–	·038	–	–	–	–	·001	·001	·011	·036	·032	·008	·002	·023	·059	·058	·050	·028	0·347
12	·125	·202	·223	·205	·203	·146	·065	·156	·078	·078	·037	·002	·002	·006	·002	·001	–	–	–	·004	·019	·018	·033	·021	1·626
13	·016	·010	·002	·006	–	–	–	–	–	–	–	·007	–	·001	–	–	–	–	–	–	–	–	–	–	0·042
14	–	–	–	–	–	–	–	–	–	–	–	–	–	·013	·022	·002	·080	·090	·122	·050	·011	·008	·009	·020	0·427
15	·021	·041	·051	·056	·046	·055	·070	·075	·065	·110	·110	·119	·113	·060	·032	·020	·037	·131	·104	·098	·142	·159	·102	·142	1·959
16	·018	·012	·010	·021	·018	·024	·013	·001	·001	–	·001	·002	–	–	·009	·011	·001	–	–	–	–	–	–	–	0·142
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19	–	–	–	–	–	–	–	–	–	–	–	–	·001	·001	–	–	–	–	–	–	·032	·001	–	·009	0·044
20	·020	·080	·012	·006	·002	–	·005	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·125
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·020	·001	–	–	–	0·021
23	·007	·001	–	–	–	·001	·035	·008	·018	·008	·009	·005	·003	–	–	–	–	–	·001	–	·001	·002	·004	·002	0·105
24	·002	·001	–	·001	–	·005	·015	·032	·005	·020	·014	·010	·021	·032	·023	·026	·029	·015	·008	·008	·012	·039	·065	·015	0·398
25	·019	·024	·024	·060	·056	·060	·020	·008	·005	–	–	·002	·105	·031	·097	·028	·035	·050	·022	·113	·022	·009	·067	·010	0·867
26	·112	·113	·091	·188	·060	·030	·023	·008	·022	·020	·030	·058	·008	·006	·007	·002	·003	·001	–	·040	·105	·194	·117	·045	1·283
27	·190	·232	·120	·117	·151	·090	·120	·051	·014	·030	·070	·025	·225	·113	·022	·040	·080	·062	·160	·010	·243	·002	·008	·046	**2·221**
28	·003	·009	·005	·055	·038	·020	·013	·007	·105	·162	·188	·096	·215	·003	·003	·018	·105	·023	·238	·313	·064	·021	·142	·020	1·866
29	·142	·043	·018	·020	·004	–	–	–	·210	·020	·036	·120	·040	·230	·009	·019	–	·010	·001	·015	·010	·001	–	–	0·948
30	·009	–	·002	–	–	–	–	–	–	–	·001	·018	·090	·020	·009	·030	·085	·056	·007	·001	·044	·149	·091	·023	0·635
31	·195	·190	·120	·099	·132	·068	·118	·078	·070	·002	·035	·124	·003	·001	·009	·019	·040	·125	·015	·030	·025	·021	·050	·020	1·589
SUM	0·982	1·104	0·777	0·949	0·843	0·677	0·709	0·543	0·658	0·543	0·609	0·653	0·913	0·638	0·419	0·372	0·719	0·705	0·752	0·759	0·863	0·774	0·800	0·447	17·208

RAINFALL. INCHES FOR HOUR ENDING— NOVEMBER 1888.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.
1	·021	·025	·022	·011	·018	·022	·003	·001	–	–	·003	·025	·094	·030	·009	·002	·002	·011	·001	·001	–	–	–	–	0·301
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
4	–	–	–	–	–	–	–	–	–	–	·006	–	·001	–	–	·002	–	·002	–	–	·006	–	·008	·017	0·042
5	·008	·007	·005	·005	·003	·004	–	·001	–	–	·004	–	–	–	–	·011	·010	·006	·007	·001	–	·001	·002	·001	0·076
6	–	–	·002	·001	–	·001	·002	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·007
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11	–	–	–	·014	·010	–	–	–	·008	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·032
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·025	·045	0·070
13	·092	·043	·038	·030	·024	·013	·010	·005	·006	·008	·007	·007	–	·008	·010	·012	–	–	·002	·003	·001	·006	·007	–	0·332
14	·008	·005	·017	·038	·059	·033	·025	·047	·020	·005	·035	[·020]	·001	·032	·039	·046	·095	·113	·002	·011	·003	–	–	–	0·654
15	–	–	–	–	–	–	·007	–	·085	·132	·093	·003	·020	·002	·008	–	–	–	–	–	–	–	·014	·009	0·373
16	·024	·046	·067	·059	[·060]	[·020]	[·040]	[·060]	[·060]	[·050]	[·040]	·150	·042	·011	·070	·085	·037	·040	·001	·033	·026	·162	·163	·175	1·521
17	·080	·100	·035	·045	·042	·114	·064	·080	·062	·040	·051	·090	·043	·038	·061	·025	·020	·038	·022	·015	·035	·020	·002	·008	1·130
18	·015	·001	·020	·070	·004	·002	·002	·010	·010	·020	·020	·008	·011	·033	·045	·015	·098	·038	·037	·027	·045	·073	·075	·073	0·752
19	·078	·125	·130	·128	·150	·035	·081	·040	·113	·126	·147	·373	·295	·113	·030	·080	·087	·045	·035	·057	·034	·057	·046	·024	2·429
20	·013	·113	·022	·020	·018	·022	·009	·109	·003	·068	·040	·008	·045	·062	·090	·094	·033	·020	·051	·039	·030	·058	·047	·047	1·061
21	·026	·044	·025	·052	·029	·068	·082	·052	·048	·055	·025	·040	·010	·013	·010	·009	·001	·060	·004	·033	·060	·088	·084	·156	1·074
22	·176	·213	·272	·202	·150	·130	·157	·430	·341	·330	·200	·282	·321	·135	·118	·050	·003	·001	–	–	–	·082	·035	·058	3·686
23	·025	·010	·020	·070	·057	·050	·043	·112	·089	·060	·058	·040	·062	·072	·048	·015	·013	·058	·048	·043	·090	·082	·095	·080	1·340
24	·142	·373	·297	·192	·010	·008	·007	·008	·005	·005	·030	·025	·075	·114	·129	·130	·150	·126	·080	·063	·060	·160	·264	·356	2·809
25	·212	·133	·205	·213	·037	·032	·125	·119	·032	·150	·072	·006	·003	·028	·175	·161	·059	·045	·070	·020	·044	·054	·033	·033	2·061
26	·034	·032	·020	·038	·107	·100	·125	·168	·048	·050	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·722
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·001	·014	·015	·030	·045	·008	·001	·002	–	0·116
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·001	–	–	–	–	–	–	0·001
30	–	–	–	·007	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·007
SUM	0·954	1·270	1·197	1·195	0·778	0·654	0·782	1·243	0·930	1·099	0·831	1·077	1·023	0·691	0·842	0·738	0·622	0·619	0·390	0·391	0·442	0·844	0·902	1·082	20·596

RAINFALL. DECEMBER 1888.

1	–	·008	–	·003	–	–	–	–	–	–	–	·010	·006	·030	·132	·211	·115	·110	·050	·080	·068	·045	·002	·002	0·872
2	·001	·003	–	·015	–	–	·050	·016	·025	·010	–	–	–	·011	·004	–	–	–	–	–	–	–	–	–	0·135
3	–	·008	·008	·050	·105	·090	·150	·155	·155	·225	·180	·149	·162	·125	·173	·260	·283	·340	·183	·053	·025	·036	·073	·020	3·008
4	·013	·123	·070	·023	·008	·038	·035	·019	·010	·010	·040	·002	·004	·001	·010	–	–	–	–	·001	–	·002	–	–	0·409
5	–	–	·010	·010	·025	·038	·021	·022	·020	·028	·020	·009	·001	·015	·077	·011	·005	·001	·001	–	·001	·001	·001	·001	0·318
6	–	·001	·001	–	·010	–	·010	·010	·008	·003	–	·001	·008	·002	·009	·002	·002	–	·001	·001	·005	·007	·006	·022	0·109
7	·074	·015	·015	·009	·005	·008	–	·006	·130	·120	·160	·125	·117	·080	·010	·010	·020	·001	·043	·020	·012	·037	·043	·002	1·062
8	–	·047	·008	·029	–	–	–	–	·056	·019	·024	·001	·009	·010	·001	·002	·002	·010	·035	·022	·086	·026	·098	·055	0·540
9	·019	·030	·005	·010	·011	·009	·008	–	–	–	–	–	–	–	·005	·015	·002	·003	–	–	–	–	–	–	0·117
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11	–	–	–	–	–	–	–	–	–	–	–	–	·010	·010	·020	·011	·007	·002	–	·004	·008	·002	·001	·002	0·077
12	·001	·006	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·007
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·002	0·002
14	·001	·008	·015	·013	·020	·014	·082	·050	·050	·030	·090	·012	–	–	–	–	–	–	–	–	–	–	–	–	0·385
15	–	–	·009	–	–	–	–	–	·005	·020	·003	·005	·001	·008	·013	·010	·011	·006	·008	·007	·021	·003	·001	·006	0·137
16	·030	–	·008	·006	·008	·002	·012	·015	·015	·006	·013	·018	·008	·002	·005	·005	·001	·001	·007	·001	–	·001	·001	·001	0·166
17	·001	·001	·003	·003	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·009
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19	–	–	–	–	–	–	–	–	–	–	–	–	–	·043	·080	·006	·040	·099	·113	·120	·163	·043	·070	·046	0·823
20	–	·010	·008	–	·003	·003	·023	·006	–	–	–	–	·001	–	–	·005	–	–	–	·001	·002	·001	·002	·010	0·075
21	·001	·008	·005	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·015	·009	·098	·001	·001	0·138
22	·013	·115	·020	·020	·020	·039	·007	·006	·020	·010	–	·010	·001	·004	–	–	–	–	–	–	·008	–	–	–	0·293
23	–	–	–	–	·001	–	–	·007	–	–	–	–	–	–	–	–	·010	–	·001	–	·001	–	–	·010	0·030
24	·032	·090	·059	·080	·002	–	–	–	–	·050	·080	·036	·038	·040	·033	–	·138	·043	·040	·003	·064	·015	·010	·001	0·854
25	–	·003	–	–	·008	–	–	–	–	–	–	–	[·028]	[·028]	[·028]	[·028]	[·028]	[·032]	[·028]	·017	·052	·091	·034	·033	0·438
26	·037	·032	·060	·050	·020	·033	·038	·003	·012	·050	·109	·052	·008	·017	·065	·098	·090	·013	·034	·025	·083	·046	·010	·007	0·992
27	·012	·030	·020	·025	–	–	–	·002	–	–	–	–	–	–	–	·010	·003	·002	·002	·008	·001	·013	·022	·030	0·180
28	·040	·020	·030	·025	·010	·012	·042	·005	·007	–	–	·001	·012	·008	–	–	–	–	–	–	–	–	–	–	0·212
29	–	–	–	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·001
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
31	·003	·001	·009	·005	·003	–	·010	·011	·011	·015	·010	·019	·030	·020	·030	·030	·033	·030	·030	·017	·013	·023	·026	·001	0·380
SUM	0·278	0·559	0·363	0·377	0·260	0·286	0·488	0·333	0·524	0·596	0·729	0·450	0·444	0·454	0·695	0·714	0·790	0·693	0·576	0·395	0·622	0·490	0·401	0·252	11·769

SUNSHINE. HOURS—FOR HOUR, GREENWICH MEAN TIME, ENDING— JANUARY 1888.

	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	Total.	Possible.
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·80
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·83
3	–	–	–	–	–	–	–	–	·02	·03	–	–	–	–	–	–	–	–	0·05	6·86
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·89
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·92
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·95
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·99
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·03
9	–	–	–	–	–	–	·30	1·00	1·00	·98	·28	1·00	·62	–	–	–	–	–	5·18	7·07
10	–	–	–	–	–	–	–	·02	·90	·33	·82	1·00	·80	–	–	–	–	–	3·87	7·11
11		–	–	–	–	–	·65	·14	·88	1·00	1·00	1·00	1·00	–	–	–	–	–	5·67	7·15
12	–	–	–	–	–	–	·82	1·00	1·00	1·00	1·00	1·00	1·00	–	–	–	–	–	6·82	7·20
13	–	–	–	–	–	–	·88	1·00	1·00	1·00	1·00	1·00	1·00	·04	–	–	–	–	6·92	7·25
14	–	–		–	–	–	·05	·28	1·00	1·00	1·00	1·00	1·00	·04	–	–	–	–	5·37	7·30
15	–	–	–	–	–	–	–	–	·27	·35	·45	·06	–	–	–	–	–	–	1·13	7·35
16	–	–	–	–	–	–	·03	–	–	·55	1·00	·98	·52	–	–	–	–	–	3·08	7·41
17	–	–	–	–	–	–	·94	1·00	1·00	1·00	1·00	1·00	1·00	·13	–	–	–	–	7·07	7·46
18	–	–	–	–	–	·03	1·00	1·00	·82	·95	1·00	1·00	1·00	·17	–	–	–	–	6·97	7·52
19	–	–	–	–	–	·07	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·05	–	–	–	–	7·12	7·57
20	–	–	–	–	–	–	·20	·10	·96	·75	·22	–	–	–	–	–	–	–	2·23	7·63
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·69
22	–	–	–	–	–	–	·05	–	–	·07	–	–		–	–	–	–	–	0·12	7·75
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·82
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·88
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·94
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·01
27	–	–	–	–	–	–	–	–	–	–	–	–	·55	·08	–	–	–	–	0·63	8·07
28	–	–	–	–	–	–	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·32	–	–	–	–	**7·32**	8·14
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·21
30	–	–	–	–	–	–	–	–	·05	–	–	–	–	–	–	–	–	–	0·05	8·28
31	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·35
SUM.	–	–	–	–	–	0·10	6·92	7·54	10·90	11·01	10·77	11·04	10·49	0·83	–	–	–	–	69·60	231·43

SUNSHINE. FEBRUARY 1888.

1	–	–	–	–	–	·35	1·00	·57	–	–	·06	·30	·75	–	–	–	–	–	3·03	8·42
2	–	–	–	–	–	–	–		–	–	–	–	–	–	–	–	–	–	–	8·49
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·56
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·63
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·70
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·78
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·85
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·92
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·00
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·08
11	–	–	–	–	–	·75	1·00	1·00	1·00	1·00	1·00	1·00	·30	–	–	–	–	–	7·05	9·16
12		–	–	–	–	·72	1·00	1·00	1·00	·80	·80	–	–	–	–	–	–	–	5·32	9·23
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·31
14	–	–	–	–	–	–	·06	1·00	·97	·60	·97	·92	·08	–	–	–	–	–	4·60	9·39
15	–	–	–	–	–	·95	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·48	–	–	–	–	8·43	9·47
16	–	–	–	–	–	·87	1·00	1·00	1·00	·57	·70	·80	·68	–	–	–	–	–	6·62	9·55
17	–	–	–	–	–	–	–	–	–	·02	·03	·23	–	–	–	–	–	–	0·28	9·63
18	–	–	–	–	–	–	–	–	–	–	·12	–	–	–	–	–	–	–	0·12	9·70
19	–	–	–	–	–	·18	1·00	·54	–	–	–	·08	–	–	–	–	–	–	1·80	9·78
20		–	–	–	–	–	–	·05	·54	·90	·03	–	–	–	–	–	–	–	1·52	9·86
21		–		–	–	–	–	·07	–	–	–	–	–	–	–	–	–	–	0·07	9·94
22	–	–	–	–	–	–	·22	·05	·23	·47	·97	·56	·10	–	–	–	–	–	2·60	10·02
23	–	–	–	–	–	–	·10	·62	·53	·62	·92	1·00	1·00	·83	·36	–	–	–	5·98	10·10
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·18
25	–	–	–	–	·17	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·70	·15	–	–	–	9·02	10·26
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·34
27	–	–	–	–	–	–	·07	·52	·38	1·00	1·00	1·00	1·00	1·00	·46	–	–	–	6·43	10·42
28	–	–	–	–	·05	1·00	·77	1·00	1·00	1·00	1·00	1·00	1·00	·92	·43	–	–	–	**9·17**	10·50
29	–	–	–	–	–	–	·28	·24	·02	–	·08	·05	–	–	–	–	–	–	0·67	10·54
SUM.	–	–	–	–	0·22	5·82	8·50	9·66	8·67	8·98	9·68	8·94	6·91	3·93	1·40	–	–	–	72·71	274·81

SUNSHINE. HOURS—FOR HOUR, GREENWICH MEAN TIME, ENDING— MARCH 1888.

	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	Total.	Possible.
1	–	–	–	–	–	–	·70	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·50	–	–	–	8·20	10·58
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·66
3	–	–	–	–	–	–	–	·07	·02	·03	–	–	–	–	–	–	–	–	0·12	10·74
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·82
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·90
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·99
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·07
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·15
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·23
10	–	–	–	–	–	–	·02	–	–	·50	·20	–	–	–	–	–	–	–	0·72	11·31
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·39
12	–	–	–	–	–	–	·03	–	·07	·03	·25	–	–	–	–	–	–	–	0·38	11·47
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·55
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·63
15	–	–	–	–	–	–	–	–	–	–	–	·03	·07	·05	–	–	–	–	0·15	11·71
16	–	–	–	–	·03	·08	·98	·90	1·00	1·00	·83	·97	·60	·82	·72	–	–	–	7·93	11·79
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·87
18	–		–	–	·78	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·17	–	–	**10·95**	11·95
19	–	–	–	–	·55	·95	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·28	–	–	10·78	12·03
20	–	–	–	–	·67	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·15	–	–	10·82	12·11
21	–	–	–	–	·68	–	–	–	–	–	–	–	–	–	–	–	–	–	0·68	12·19
22	–	–	–	–	–	–	–	–	·55	·77	·73	–	–	–	–	–	–	–	2·05	12·27
23	–	–	–	–	–	–	–	–	–	·02	–	–	–	–	–	–	–	–	0·02	12·35
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·43
25	–	–	–	–	–	–	–	·87	·88	·45	–	·03	1·00	·12	–	–	–	–	3·35	12·51
26	–	–	–	–	–	–	·16	·42	·20	·02	–	–	–	–	–	–	–	–	0·80	12·59
27	–	–	–	–	–	·38	1·00	1·00	·90	·18	·28	·28	–	·55	–	·08	–	–	4·65	12·67
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·75
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·83
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·91
31	–	–	–	–	–	–	–	·47	·70	·72	·35	·06	·05	·10	–	–	–	–	2·45	12·99
SUM.	–	–	–	–	2·71	3·41	5·89	7·73	8·32	7·72	6·64	5·37	5·72	5·64	4·22	0·68	–	–	64·05	365·44

SUNSHINE. APRIL 1888.

1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·07
2	–	–	–	–	–	–	–	–	·05	·08	·07	·02	·10	–	·30	–	–	–	0·62	13·15
3	–	–	–	–	–	–	·03	–	–	–	–	–	–	–	–	–	–	–	0·03	13·23
4	–	–	–	–	–	–	–	·30	·05	·08	–	–	–	–	–	–	–	–	0·43	13·31
5	–	–	–	·75	1·00	1·00	1·00	1·00	1·00	·03	–	–	–	–	–	–	–	–	5·78	13·39
6	–	–	–	·48	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·47	·57	–	–	–	–	9·52	13·47
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·55
8	–	–	–	·03	·68	1·00	1·00	1·00	1·00	·92	·97	·97	1·00	1·00	1·00	·75	–	–	11·32	13·63
9	–	–	–	–	·32	·10	–	–	–	–	–	–	–	–	–	–	–	–	0·42	13·71
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·79
11	–	–	–	–	–	–	·32	·28	–	–	–	–	–	–	–	–	–	–	0·60	13·87
12	–	–	–	·50	·51	·70	·95	·02	–	–	–	–	–	–	–	–	–	–	2·68	13·95
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·03
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·10
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·18
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·26
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·34
18	–	–	–	–	–	–	·05	–	·02	–	·10	·67	–	·56	–	–	–	–	1·40	14·42
19	–	–	–	–	·37	·37	·12	·85	–	–	–	–	·50	·26	–	–	–	–	2·47	14·50
20	–	–	–	–	–	–	–	–	–	–	·47	·05	·06	–	–	–	–	–	0·58	14·57
21	–	–	–	–	·22	·45	·42	·33	·13	–	·10	·55	·10	·22	·88	1·00	·33	–	4·73	14·65
22	–	–	–	–	–	–	–	·33	·10	·02	·67	·68	·07	·10	–	–	–	–	1·97	14·73
23	–	–	–	–	–	·55	–	·13	–	·12	·83	·10	–	·10	–	–	–	–	1·83	14·80
24	–	–	·15	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·70	–	–	**12·85**	14·88
25	–	–	–	–	–	–	·53	·85	·82	1·00	1·00	1·00	·82	1·00	·67	–	·28	–	7·97	14·96
26	–	–	·50	1·00	·33	–	–	·27	–	–	–	–	–	–	–	–	–	–	2·10	15·03
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·11
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·18
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·26
30	–	–	–	–	–	·07	–	·06	–	–	·02	·05	–	–	–	–	–	–	0·20	15·33
SUM.	–	–	0·65	3·76	5·43	6·24	6·42	7·42	5·17	4·25	6·23	6·09	4·12	4·81	3·85	2·45	0·61	–	67·50	426·45

SUNSHINE. HOURS—FOR HOUR, GREENWICH MEAN TIME, ENDING— MAY 1888.

	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	Total.	Possible.
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·40
2	–	–	–	–	–	–	–	–	–	–	–	·03	·14	–	–	–	–	–	0·17	15·48
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·55
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·62
5	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–	–	15·70
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·77
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·84
8	–	–	–	–	–	–	–	·02	·21	–	–	–	–	–	–	–	–	–	0·23	15·91
9	–	–	·46	–	·30	–	–	–	·02	–	–	–	–	–	–	–	–	–	0·78	15·98
10	–	–	1·00	1·00	1·00	·80	·12	–	·05	·03	·07	·27	·92	·43	·43	–	·33	–	6·45	16·04
11	–	·33	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·04	15·37	16·11
12	–	–	·97	·78	·93	1·00	1·00	1·00	1·00	1·00	·27	·37	·03	·27	·66	·40	–	–	9·68	16·18
13	–	–	–	–	–	–	–	–	–	–	–	·05	·95	·10	–	–	–	–	1·10	16·24
14	–	–	–	–	–	–	–	–	·33	·05	–	–	–	–	–	–	–	–	0·38	16·31
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·37
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·44
17	–	–	–	–	–	–	–	–	–	–	–	·07	–	–	–	–	–	–	0·07	16·50
18	–	–	–	–	–	–	–	–	·03	·25	–	–	–	–	–	–	–	–	0·28	16·56
19	–	–	–	–	–	·05	–	·06	·02	–	·52	–	·05	·02	–	–	–	–	0·72	16·62
20	–	–	–	–	–	·02	·45	·72	·78	·20	·06	·10	–	–	–	–	–	–	2·33	16·68
21	–	–	·90	·22	·92	·96	1·00	1·00	1·00	1·00	1·00	1·00	·97	·83	1·00	1·00	1·00	·08	13·88	16·74
22	–	·58	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·67	·78	·83	·48	·02	·22	·63	1·00	·12	12·33	16·80
23	–	–	·88	·13	·70	1·00	·94	1·00	1·00	·90	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·30	13·85	16·85
24	–	·75	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·97	·93	1·00	1·00	·30	**15·95**	16·91
25	–	·70	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·23	15·93	16·96
26	–	·33	1·00	1·00	1·00	1·00	·94	·88	·73	1·00	1·00	·93	·92	·67	·94	1·00	·63	–	14·02	17·02
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·07
28	–	–	–	–	·12	·28	·55	·98	·24	·02	–	·40	–	·18	–	–	–	–	2·77	17·12
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·16
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·21
31	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·26
SUM.	–	2·69	9·21	7·13	8·97	9·11	9·00	9·66	9·46	8·12	7·70	8·05	8·46	6·49	7·18	7·03	6·96	1·07	126·29	508·40

SUNSHINE. JUNE 1888.

1	–	–	–	–	–	·10	–	·13	·03	–	·13	–	·30	·12	–	·67	·07	–	1·55	17·30
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·34
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·38
4	–	–	–	–	–	–	–	–	–	·38	·93	·83	·43	·67	·83	·94	·92	·47	6·40	17·42
5	–	·95	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·95	·88	·58	–	·07	–	–	12·43	17·46
6	–	·23	·27	·33	–	·07	–	·12	·03	–	–	–	–	–	–	–	–	–	1·05	17·49
7	–	–	–	–	–	·52	·88	·93	·75	·42	·02	–	–	–	–	–	–	–	3·52	17·52
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·55
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·58
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·61
11	–	–	–	–	·05	1·00	·80	·47	·50	–	–	–	–	–	–	–	–	–	2·82	17·64
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·66
13	–	–	–	–	–	–	–	·17	·53	·83	·23	·70	·97	·80	1·00	1·00	1·00	·40	7·63	17·68
14	–	·78	1·00	1·00	·93	·18	·67	1·00	·97	1·00	1·00	·87	·90	·95	·93	·95	1·00	·42	14·55	17·70
15	–	–	–	–	–	–	–	–	–	–	–	·28	·68	–	·22	–	·62	·48	2·28	17·71
16	–	·53	1·00	1·00	1·00	1·00	1·00	·97	1·00	1·00	·63	·93	·40	·37	·07	·37	–	–	11·27	17·72
17	–	·75	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·55	16·30	17·73
18	–	·47	·87	·97	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·55	·16	·33	14·35	17·74
19	·17	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·67	·42	1·00	1·00	·28	·06	14·60	17·74
20	–	·94	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·33	·08	·58	·64	–	13·57	17·75
21	–	·02	·05	·62	·62	1·00	1·00	1·00	1·00	·86	1·00	1·00	1·00	1·00	·92	1·00	·93	·31	13·33	17·75
22	–	·95	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·87	16·82	17·75
23	·13	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·65	16·78	17·75
24	·15	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·73	**16·88**	17·74
25	–	·75	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·46	·22	15·43	17·74
26	–	·67	1·00	1·00	1·00	1·00	1·00	·83	·88	·97	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·53	15·88	17·73
27	–	·92	1·00	1·00	·63	–	–	–	–	–	·05	·02	·10	·40	·66	·80	1·00	·65	7·23	17·72
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·71
29	–	–	–	–	·03	·78	·95	1·00	1·00	·97	1·00	1·00	1·00	1·00	·97	·90	·97	·60	12·17	17·69
30	–	–	–	·98	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·25	·44	·33	13·00	17·67
SUM.	0·45	10·96	13·19	14·90	14·26	15·65	16·30	16·62	16·69	16·43	15·99	16·58	16·33	14·64	14·68	15·08	13·49	7·60	249·84	528·97

SUNSHINE. HOURS—FOR HOUR, GREENWICH MEAN TIME, ENDING— JULY 1888.

	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	Total.	Possible.
1	–	·87	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·80	·26	**15·93**	17·65
2	–	–	–	–	–	–	–	·13	–	–	–	–	–	–	–	–	–	–	0·13	17·63
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·60
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·57
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·54
6	–	·83	1·00	1·00	1·00	·12	–	–	–	–	·02	·06	–	–	–	–	–	–	4·03	17·51
7	–	–	–	·05	·20	·25	·37	·27	·30	·06	·15	·12	·05	·23	–	–	–	–	2·05	17·48
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·44
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·40
10	–	–	–	–	–	–	–	–	–	–	–	·20	·38	·42	·33	·50	·15	–	1·98	17·36
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·32
12	–	·73	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·30	–	·20	–	·05	·47	·45	–	10·20	17·28
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·24
14	–	–	–	–	–	–	–	–	–		–	–	–	–	–	–	–	–	–	17·19
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·14
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·09
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·04
18	–	–	–	–	–	–	–	–	·10	·22	·55	·56	·55	–	·45	·05	–	–	2·48	16·99
19	–	·77	1·00	1·00	1·00	1·00	1·00	·97	1·00	·95	·95	·90	1·00	1·00	·83	·73	·28	–	14·38	16·94
20	–	–	·55	1·00	1·00	·93	·44	·03	–	–	–	–	–	–	–	–	–	–	3·95	16·89
21	–	–	–	–	–	–	–	–	–	–	·48	1·00	·39	–	–	·55	–	–	2·42	16·83
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·77
23	–	–	–	–	–	–	–	–	·07	–	–	·13	–	–		·02	–	–	0·22	16·72
24	–	–	–	–	–	–	–	·50	–	–	·05	·05	–	–	–	–	–	–	0·60	16·66
25	–	–	–	–	–	·27	·07	–	·02	·03	·20	–	–	–	·18	–	–	–	0·77	16·60
26	–	–	–	–	–	–	–	–	·05	–	·18	–	·20	–	–	–	–	–	0·43	16·54
27	–	–	·87	1·00	1·00	·67	·10	·58	·30	·20	·01	–	–	–	–	–	–	–	4·73	16·48
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·41
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·35
30	–	–	–	–	·58	·45	·20	·15	–	–	·03	–	–	·08	·05	·24	·14	–	1·92	16·28
31	–	–	–	–	–	–	–	·12	·55	·78	·85	·25	·15	–	–	–	–	–	2·70	16·22
SUM.	–	3·20	5·42	6·05	6·78	5·69	4·18	4·75	4·39	4·24	4·77	4·27	3·92	2·73	2·89	3·56	1·82	0·26	68·92	528·16

SUNSHINE. AUGUST 1888.

1	–	–	–	–	–	·10	·50	·67	·47	·28	·98	·63	·50	–	–	–	–	–	4·13	16·15
2	–	–	·92	·22	–	·04	·12	·95	·40	–	–	–	–	–	–	–	–	–	2·65	16·09
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·02
4	–	–	–	–	–	–	·53	·12	·22	1·00	1·00	·45	·36	–	–	–	–	–	3·68	15·95
5	–	–	–	–	–	–	–	·22	·90	·22	·76	·15	·05	·05	·30	–	–	–	2·65	15·88
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·81
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·74
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·67
9	–	–	–	–	–	–	–	–	–	–	·05	–	–	–	–	–	–	–	0·05	15·60
10	–	–	–	–	–	–	–	–	–	·02	·66	·02	·06	·02	–	–	–	–	0·78	15·52
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·45
12	–	–	–	–	–	–	–	–	–	–	·03	·05	–	–	–	–	–	–	0·08	15·38
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·31
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·24
15	–	–	·08	·80	·10	·67	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·72	·95	·82	·46	–	11·60	15·16
16	–	–	·80	1·00	1·00	1·00	1·00	1·00	·67	·02	·82	·80	1·00	1·00	1·00	1·00	·57	–	12·68	15·09
17	–	–	·55	·92	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·47	·83	·93	·33	–	**13·03**	15·01
18	–	–	·47	1·00	1·00	1·00	1·00	·43	·20	·60	–	·73	1·00	1·00	·92	1·00	·23	–	10·58	14·94
19	–	–	–	·42	·63	·07	·70	·75	·60	·08	·60	·67	·66	–	–	–	–	–	5·18	14·87
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·79
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·71
22	–	–	–	–	–	–	–	–	·03	–	–	–	–	–	–	–	–	–	0·03	14·64
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·56
24	–	–	–	–	–	–	–	–	–	·03	·67	1·00	·75	·15	·37	–	–	–	2·97	14·48
25	–	–	–	–	·04	·50	·23	–	·25	–	·18	·03	·07	·08	·12	–	–	–	1·50	14·40
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·32
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·25
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·17
29	–	–	–			–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·10
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·03
31	–	–	–	–	–	–	·17	·20	–	–	–	–	–	–	–	–	–	–	0·37	13·95
SUM.	–	–	2·82	4·36	3·77	4·38	6·25	6·34	5·74	4·25	7·75	6·53	6·45	3·49	4·49	3·75	1·59	–	71·96	467·28

SUNSHINE. HOURS—FOR HOUR, GREENWICH MEAN TIME, ENDING— SEPTEMBER 1888.

	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	Total.	Possible.
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·87
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·78
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·70
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·62
5	–	–	–	–	–	–	–	–	·08	–	–	–	–	–	–	–	–	–	0·08	13·54
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·46
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·38
8	–	–	–	–	·67	·50	1·00	1·00	·67	·75	·42	·75	·83	·83	–	–	–	–	7·42	13·30
9	–	–	–	·50	1·00	1·00	1·00	·92	–	–	–	–	–	–	–	–	–	–	4·42	13·22
10	–	–	–	·58	1·00	1·00	1·00	1·00	·67	·50	·97	1·00	·50	·25	·23	–	–	–	8·70	13·14
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·07
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·99
13	–	–	–	–	–	–	–	–	·25	·12	·67	1·00	1·00	1·00	1·00	·26	–	–	5·30	12·91
14	–	–	–	–	·33	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	–	–	–	10·33	12·84
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·76
16	–	–	–	–	·33	1·00	·75	1·00	·62	1·00	1·00	1·00	1·00	1·00	·67	–	–	–	9·37	12·68
17	–	–	–	–	–	·83	1·00	1·00	1·00	1·00	·80	·17	·58	·67	–	–	–	–	7·05	12·60
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·52
19	–	–	–	·33	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·92	–	–	–	11·25	12·44
20	–	–	–	–	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·92	–	–	–	10·92	12·36
21	–	–	–	·41	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·92	–	–	–	11·33	12·28
22	–	–	–	·22	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·40	–	–	–	10·62	12·20
23	–	–	–	·28	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·84	–	–	–	11·12	12·12
24	–	–	–	–	·03	·02	·50	·22	·03	·25	·53	·84	·68	–	–	–	–	–	3·10	12·04
25	–	–	–	·02	·08	·25	·67	1·00	1·00	1·00	1·00	1·00	·85	·41	–	–	–	–	7·28	11·96
26	–	–	–	–	–	–	–	–	·03	·37	·80	·50	·18	–	–	–	–	–	1·88	11·88
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·80
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·72
29	–	–	–	–	–	·07	·08	–	–	–	·07	·03	–	–	–	–	–	–	0·25	11·64
30	–	–	–	–	·07	–	–	·50	–	–	–	–	–	–	–	–	–	–	0·57	11·56
SUM.	–	–	–	2·34	8·51	10·67	12·00	12·64	10·35	10·99	12·26	12·29	11·62	10·16	6·90	0·26	–	–	120·99	381·38

SUNSHINE. OCTOBER 1888.

1	–	–	–	–	–	–	–	·05	·05	–	–	·13	–	–	–	–	–	–	0·23	11·48
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·40
3	–	–	–	–	–	–	·63	·75	·62	·22	–	·03	·55	·38	–	–	–	–	3·18	11·32
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·24
5	–	–	–	–	–	–	–	–	–	–	·03	–	–	–	–	–	–	–	0·03	11·17
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·09
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·01
8	–	–	–	–	–	–	–	–	–	·17	·05	–	–	–	–	–	–	–	0·22	10·93
9	–	–	–	–	·22	·98	1·00	·70	·67	·75	·18	–	–	–	–	–	–	–	4·50	10·85
10	–	–	–	–	–	·53	·45	·07	·03	–	–	–	–	–	–	–	–	–	1·08	10·77
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·69
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·62
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·54
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·46
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·38
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·30
17	–	–	–	–	–	–	·25	·20	–	–	–	–	–	–	–	–	–	–	0·45	10·22
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·14
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·06
20	–	–	–	–	–	–	·30	·27	–	·50	1·00	1·00	1·00	·86	–	–	–	–	4·93	9·98
21	–	–	–	–	·62	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·83	–	–	–	–	9·45	9·90
22	–	–	–	–	·47	·27	·70	–	–	–	·03	·63	·65	·17	–	–	–	–	2·92	9·83
23	–	–	–	–	–	–	–	–	–	·46	·50	·22	–	–	–	–	–	–	1·18	9·75
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·67
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·60
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·52
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·44
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·36
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·28
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·20
31	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·12
SUM.	–	–	–	–	1·31	2·78	4·33	3·04	2·37	3·10	2·79	3·01	3·20	2·24	–	–	–	–	28·17	319·32

SUNSHINE. HOURS—FOR HOUR, GREENWICH MEAN TIME, ENDING— NOVEMBER 1888.

	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	Total.	Possible.
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·05
2	–	–	–	–	–	·47	–	·30	·22	·06	–	·15	·70	–	–	–	–	–	1·90	8·97
3	–	–	–	–	–	–	–	–	–	–	·10	–	–	–	–	–	–	–	0·10	8·90
4	–	–	–	–	–	–	–	–	–	·17	–	–	–	–	–	–	–	–	0·17	8·83
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·76
6	–	–	–	–	–	–	–	–	·42	·08	·13	·05	–	–	–	–	–	–	0·68	8·69
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·62
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·55
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·48
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·41
11	–	–	–	–	–	–	–	–	–	·10	·75	·05	–	–	–	–	–	–	0·90	8·34
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·27
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·20
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·13
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·06
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·99
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·92
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·86
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·80
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·74
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·68
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·62
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·56
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·50
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·45
26	–	–	–	–	–	–	–	–	·75	·08	–	–	–	–	–	–	–	–	0·83	7·40
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·35
28	–	–	–	–	–	–	–	–	·50	1·00	1·00	1·00	·03	–	–	–	–	–	**3·53**	7·30
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·24
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·19
SUM.	–	–	–	–	–	0·47	–	0·30	1·89	1·49	1·98	1·25	0·73	–	–	–	–	–	8·11	241·86

SUNSHINE. DECEMBER 1888.

1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·14
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·09
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·04
4	–	–	–	–	–	–	–	–	–	–	·23	·12	–	–	–	–	–	–	0·35	6·99
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·94
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·90
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·87
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·85
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·83
10	–	–	–	–	–	–	1·00	1·00	1·00	1·00	1·00	1·00	·05	–	–	–	–	–	**6·05**	6·81
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·79
12	–	–	–	–	–	–	·08	1·00	·64	·67	·43	·03	–	–	–	–	–	–	2·85	6·77
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·75
14	–	–	–	–	–	–	–	–	–	–	–	·55	–	–	–	–	–	–	0·55	6·73
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·71
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·69
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·68
18	–	–	–	–	–	–	·55	1·00	1·00	·67	·13	–	·17	–	–	–	–	–	3·52	6·67
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·66
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·65
21	–	–	–	–	–	–	–	·23	–	–	–	–	–	–	–	–	–	–	0·23	6·65
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·65
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·66
24	–	–	–	–	–	–	–	–	–	–	–	·26	·07	–	–	–	–	–	0·33	6·66
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·67
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·68
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·69
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·71
29	–	–	–	–	–	–	–	·08	1·00	1·00	1·00	1·00	·50	–	–	–	–	–	4·58	6·73
30	–	–	–	–	–	–	–	·83	1·00	·84	–	–	–	–	–	–	–	–	2·67	6·75
31	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·77
SUM.	–	–	–	–	–	–	1·63	4·14	4·64	4·18	2·79	2·96	0·79	–	–	–	–	–	21·13	210·18

WIND. DIRECTION AND FORCE (0 to 12). JANUARY 1888.

	1		2		3		4		5		6		7		8		9		10		11		12		Max.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	SW	2	SSW	1-2	SSW	2	S	2-3	SSW	2-3	S	2	S	2	S	3	S	2	S	2	SSW	2	SSW	2-3	3
2	S	2-3	S	2-3	S	2	S	1	S	2	S	2	S	1	S	1	S	0-1	WSW	1	SW	1	WSW	1	4
3	WNW	1-3	WNW	2-4	WNW	2-4	WNW	2-4	W	1-2	W	1-3	WNW	0-3	W	1-3	SW	2-3	W	1-3	SW	1-3	SW	1-2	9
4	S	10-11	S	9-11	S	8-10	S	7-8	S	6-8	S	7	S	6-8	S	7-8	S	7-8	S	7-9	S	6-8	S	7-8	11
5	S	6	SE	7	SSE	7-8	SE	7	SSE	7	SSE	6	S	6-7	S	5-6	S	4-5	S	3-5	S	1-2	S	0-1	8
6	NW	1-2	W	1-2	WSW	2-3	WSW	3	S	5	S	7	S	6-8	S	7	S	6-7	S	7-8	S	7-8	SSW	6-8	9
7	WNW	2-4	NW	1-3	NW	0-3	W	1-3	W	2	W	0-3	W	2	N	1-4	N	1-3	W	3	NW	2	W	2-3	6
8	WNW	2-5	W	2-4	WNW	1-2	WNW	2-4	NW	1-3	NW	2-4	NW	1-4	W	1-4	W	2-3	W	2-3	W	2-4	W	1-2	5
9	NNW	1-4	WNW	2-4	W	3-4	W	3-5	W	3-6	W	3-6	W	1-4	W	4-5	W	5-6	WSW	5-6	SW	5-6	WSW	3-4	6
10	SW	4-6	SSW	5-6	S	6	S	5-6	SW	3-5	SW	2-4	SW	4	WSW	4	SW	3-4	SW	3	SSW	2	SSW	3-4	6
11	SW	3	SW	3	SW	2-3	W	3	SW	3	WSW	2	SSW	2	S	3	S	3	S	3	S	4	S	4	4
12	SW	3	S	4	SSW	3-4	S	3-4	SW	3-4	SSW	3	S	4-5	SW	3-4	S	4-5	S	5	S	4	S	5	5
13	N	2	N	2-3	N	2-3	N	2-3	N	1-3	N	2	N	1	N	0	N	0	Calm	0	Calm	0	Calm	0	3
14	SE	3	SE	4	SE	4	SSE	4	SE	4	SE	5	SE	5	SE	4	SE	4	SE	5	SE	5	SE	5	5
15	SSE	2-3	SE	2-3	SSE	1-2	SSE	1-2	Calm	0	Calm	0	Calm	0	E	0	E	0	E	0	E	0-1	E	1	3
16	NE	1	NE	1	NE	0-1	E	1	E	1	E	1-2	ESE	2	ESE	3	SE	3	ESE	2	SE	2	SE	2-3	5
17	SE	4	SE	3-4	SE	3	SE	3	SE	2	SE	2	SE	2	SE	2	SE	3	SE	2	SSE	2	SSE	3	4
18	SE	3	ESE	3	ESE	3	ESE	3	SE	3	SE	2-3	SE	3	SE	3	SE	2	SE	2	SE	2	SE	3	4
19	SSW	3	S	3	S	3-4	S	3-4	S	3	S	2	S	2	S	1	S	1	S	1-2	S	1	S	2	4
20	SSW	3	SW	3	SW	2-3	SSW	3	SW	2	SW	2-3	SW	2	SW	1-2	W	2	W	3	W	4	W	3	4
21	SSW	4-5	SW	5	SSW	4	SSW	5-6	SW	1-3	WSW	2-4	SW	2	NW	0-1	N	1	W	1-2	W	2-3	NW	1-2	6
22	N	4-5	N	4-5	N	3-4	N	2-4	N	3	N	2-3	N	4	N	3-4	N	3	NNW	3	WNW	2-3	N	1	5
23	N	1-3	N	1-3	Var.	2-3	NW	2-3	N	1-2	Var.	1-4	W	2	W	1-3	NW	1-3	WNW	1-3	NW	1-4	WNW	1-4	6
24	NW	2-5	W	3-5	WNW	4-5	W	1-4	W	0-4	Var.	1-3	Var.	0-2	N	0-2	N	0-2	N	0-2	N	0-2	N	0-2	5
25	WSW	3-4	W	3-4	NW	2-4	NW	1-3	E	0	W	1	Calm	0	SE	2	SE	4	S	3	WSW	3	WSW	3	5
26	N	1-2	Var.	1-2	NNE	2-3	N	2-4	N	0-3	N	1-3	ENE	2-3	NE	0-4	NE	1-4	N	1-4	NE	1-4	N	1-3	5
27	NNE	2-3	N	2-3	N	2-4	N	2-4	N	2-4	ENE	1-3	ENE	1-4	N	3-5	N	3-5	N	2-5	ENE	3-6	ENE	2-5	6
28	N	2-5	N	1-4	NE	2-4	NNE	2-3	NNE	3	N	2-3	Calm	0	N	1-2	N	0-1	N	1	N	1	N	1	5
29	N	2-4	Var.	1-2	N	1-2	N	1-2	N	1-2	N	0-3	N	0	NW	0-2	S	0	NW	0-2	N	0-1	N	0	4
30	NW	2-3	WNW	2	WSW	2	W	2-3	NW	2	NE	0-2	NE	0	N	2	N	0-2	N	0-1	N	2	N	2	4
31	WNW	2-3	N	2-3	NE	2-3	NNE	3-5	E	2-5	NE	3-5	N	2-4	N	1-3	NNE	2-5	N	3-6	N	1-8	N	3-8	9
MEAN		3·21		3·23		3·13		3·18		2·71		2·73		2·47		2·65		2·65		2·76		2·73		2·66	

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Force.
1	S	2	S	2	S	2	S	1-2	S	2	S	2	S	2	SE	2	S	1-2	S	1-2	SE	3	S	2-3	2·1
2	WSW	2	SW	2-3	WSW	1-2	SW	2-3	W	1-3	W	1-3	WSW	2	WSW	3	W	2-4	WSW	1-4	W	1-3	W	3-4	1·9
3	SSW	2	SW	2-4	SW	3-4	S	4-5	S	4	S	5	S	5	S	4-5	S	5-6	S	6	S	6-7	S	7-9	3·5
4	S	7-9	S	7-8	S	6-9	S	9	S	8-10	S	7-10	S	7-10	S	8	S	7	S	6-8	S	7	S	7-8	7·9
5	W	0	N	1	NNE	1-2	N	2-3	S	0-1	NE	0-3	ENE	0-5	NE	0-1	N	1-2	NW	1	N	1-2	N	0-2	3·2
6	SSW	7-9	WSW	4-5	W	3-5	W	3-5	W	2-4	W	1-4	W	1-3	WSW	2-4	WSW	3	W	2-3	WSW	2-3	WSW	3-4	4·4
7	W	4	W	1-3	WSW	1-3	SW	2-3	WSW	3-5	W	3-5	W	5-6	WSW	3-4	W	3-4	W	3-4	W	1-3	W	2-4	2·7
8	NNW	1-4	WNW	2-4	NW	2-3	W	3	WSW	3	WSW	4	W	3-4	WSW	3-4	W	1-3	W	3-4	W	2-4	W	4-5	2·9
9	W	3	SW	3	W	3-4	W	2-3	NW	1-4	W	1-4	W	3	W	2-3	WSW	3	WSW	3	SW	3	SW	4-5	3·5
10	S	2	WSW	2-3	W	2	SW	3-4	SW	3-5	SW	3-4	WSW	2-4	SW	3	SW	3	SW	2-3	SW	2-3	WSW	2	3·4
11	S	3	SW	2-3	SW	2	SW	3	SSW	2	SSW	2	SSW	2	W	1-2	SSW	2	SSW	1-2	S	2	S	3	2·6
12	S	5	SW	4	SW	4	SW	4	SW	2-3	SW	3	SW	2	WNW	1-2	NW	2-3	NNW	3	N	3	NW	3	3·5
13	Calm	0	Calm	0	Calm	0	Calm	0	SE	1	SE	1	SE	2	SE	3	SE	2-3	SE	1-2	SE	3	SE	2	1·3
14	SE	5	SE	4	SE	3-4	SE	3	SE	3	SE	2	SE	3	SSE	2	SSE	2	SE	3	SE	3-4	SE	3	3·7
15	E	1	NE	1	E	1	ENE	1	E	1	ENE	0-1	NNE	1	NE	0	NE	1	NE	0-1	NE	1	ENE	1	0·8
16	ESE	0-1	ESE	3	ESE	1-2	ESE	3	ESE	2	ESE	2	ESE	2	E	3	E	4	SE	4	SE	4	ESE	4-5	2·2
17	SE	4	SSE	3	SSE	3-4	SE	3-4	SE	3	SE	3	ESE	3	ESE	4	ESE	4	SE	3-4	SE	4	SE	4	3·1
18	S	3-4	S	2	S	2-3	S	2-3	S	2-3	S	3	S	4	S	3	S	3	S	3	SSW	3	SSW	3	2·8
19	S	1	S	2	SSW	2	SW	2	SSW	1	SSW	1	SW	1	SW	1	SW	1-2	S	1-2	S	2	SSW	3	1·9
20	W	3	W	2-3	WSW	1-2	SW	2-3	SW	2	SW	1-2	SW	2	SW	3	SW	2-3	WSW	3	SW	4	SSW	3-4	2·6
21	W	3	W	2-3	NW	1-2	N	1-2	N	2-3	N	3	N	4	N	2-3	N	3-4	N	3	N	1-3	N	4	2·8
22	NW	0-3	NNW	3	NW	1-2	NW	1-3	N	2-3	N	0-3	N	0-2	N	2-3	N	2-3	N	1-2	N	1-3	N	1-3	2·6
23	NW	1-3	N	1-3	NW	2-3	NW	2-3	W	2-4	W	1-4	W	3-5	WNW	3-4	NW	4-5	WNW	4-6	WNW	3-5	Var.	2-5	2·7
24	W	0-1	NNW	1-2	W	2	WSW	2-3	SW	3	WSW	1-3	SW	2-4	WNW	2-4	WSW	3-4	SW	3-4	SW	3-4	WSW	3-4	2·3
25	WSW	4-5	NW	2-3	NNW	2-4	Var.	1-4	W	0-4	W	0-3	SW	0-2	W	2-4	WSW	3-5	SW	3-5	S	2-3	NNW	1	2·5
26	N	1-4	N	2-5	NE	2-4	N	2-4	N	0-4	ENE	1-3	ENE	0-3	N	2-3	N	2-3	N	2-3	NE	2-4	NNE	1-3	2·3
27	N	3-6	N	3-4	Var.	1-3	Var.	1-3	E	2-4	Var.	0-2	E	1-3	NNE	2-3	N	2-4	N	1-4	NNE	2-5	N	4-5	3·0
28	N	1	NNW	2	N	2	N	1-2	N	2	N	2	N	1-2	NE	1-2	N	1-3	N	1-3	N	1-3	N	2-4	1·9
29	Calm	0	N	0-1	N	0-1	NNW	1	W	0-1	Calm	0	Calm	0	N	0-1	N	1-2	N	2	NNW	1-2	N	1-2	0·9
30	N	1-2	N	1	NW	1-2	NW	1-2	W	1-3	W	1-2	W	1-3	NW	2	NW	2-3	NW	2-4	NE	2-4	NNE	1-3	1·8
31	N	3-9	N	4-6	N	2-7	N	3-7	N	5-8	N	2-8	N	2-8	NNE	2-4	NNE	2-4	NE	2-4	N	2-5	N	2-5	4·0
MEAN		2·79		2·65		2·44		2·74		2·68		2·47		2·71		2·65		2·92		2·89		3·00		3·24	2·80

N 133. NNE 14. NE 23. ENE 11. E 17. ESE 17. SE 67. SSE 13. S 121. SSW 32. SW 68. WSW 42. W 89. WNW 22. NW 38. NNW 11. Calm or Var. 26.

WIND. DIRECTION AND FORCE (0 to 12). FEBRUARY 1888.

	1		2		3		4		5		6		7		8		9		10		11		12		Max.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	N	2-4	N	2-4	N	1-3	NNE	1-3	NNE	1-3	N	1-3	N	0-1	N	0-1	NE	0	E	0	NE	0	N	0	4
2	N	3	NNW	3	NW	3	NW	3	WNW	3	W	4	W	2	W	3	WSW	5	SW	3-5	W	3-5	WSW	5-6	6
3	N	2-4	NE	2-4	N	1-3	N	1-3	N	2	NE	1-5	N	0-2	N	0-2	N	0-3	N	1-2	W	5	W	5	6
4	NE	1-4	ENE	1-2	ENE	1-2	NE	1-3	N	0-3	N	1-4	N	1-3	N	2-5	N	3-4	N	2-5	NW	3-4	NW	2-4	5
5	WNW	2-4	NW	2-4	NW	2-5	NW	1-3	N	0-3	NE	0-3	N	0-2	NE	0-3	N	1-2	N	1-4	N	1-2	NE	0-2	5
6	N	0-2	N	0-2	N	1-2	N	1-3	NE	1-3	N	0-2	NW	1-2	WNW	1-2	WNW	1	NW	0-4	N	1-2	N	0-2	5
7	NE	1-3	ENE	2-4	ENE	1-4	NE	1-4	E	1-5	E	0-2	NE	0-6	ENE	1-6	E	0-4	SE	0-1	E	0-3	SE	1-2	6
8	NNE	1-3	ENE	1-4	NNE	1-4	NE	2-4	E	0-3	N	2-5	N	5	N	4-6	N	4-6	N	3-5	NE	3-5	N	0-4	6
9	NNE	3-4	NNE	2-4	N	2-4	NE	2-4	E	0-4	N	0-3	E	0-2	N	0-3	E	0-3	E	1-5	E	0-2	E	0-1	5
10	N	1-3	E	1-2	ENE	1-4	NE	2-4	Var.	0-3	N	1-2	N	1-4	N	4-5	NNE	1-5	Var.	1-3	Var.	0-2	N	0-4	5
11	NNW	0-1	Calm	0	N	0-1	Calm	0	ENE	0-1	N	2	N	0-1	N	0-1	N	0-1	N	0	N	0	N	1	3
12	N	0-1	NNE	1	N	1-2	NNE	1-2	N	0-2	N	1-2	N	1-2	N	1	N	2	N	2	N	2	N	2	3
13	E	1-3	E	0-2	N	0-1	NE	0-1	WSW	0	W	0-1	W	3	W	1-4	SW	3	W	0-1	W	2-3	SW	3	4
14	N	1-3	NNE	2-3	N	1-3	NNE	1-4	N	2-4	N	1-2	N	1-2	N	1-4	N	1-4	N	1	NE	3	NNE	2-3	4
15	NNE	1-4	NNE	2-4	N	1-3	N	1-3	NNE	4	N	2-3	NNE	1-4	NE	0-1	Calm	0	Calm	0	Calm	0	Calm	0	4
16	SW	1	W	1	W	1	W	1	W	1	W	2	W	2	W	1	W	2	W	3	WSW	2	SW	1-2	4
17	NNW	3-4	N	2-4	NE	3-5	NE	2-5	N	1-3	ENE	3	E	3	ENE	1-3	E	2-3	E	1-3	ENE	2-3	E	1-2	5
18	NE	2-4	ENE	3-5	ENE	2-6	NE	2-5	N	5	NE	4-6	N	2-6	N	1-6	N	2-5	N	0-4	NE	0	NE	3-5	9
19	N	2-6	NE	3-7	NE	3-8	NNE	4-8	N	3-8	N	5-6	N	4-7	N	4-7	N	3-8	N	1-6	N	1-5	N	0-4	8
20	NNE	3-6	NNE	2-6	NE	2-4	N	3-6	NNE	0-8	NNE	3-6	NE	2-7	NNE	1-6	NE	1-5	NE	1-7	ENE	1-4	ENE	2-3	8
21	E	0-2	N	1-2	ENE	1-3	NNE	1-2	N	0-4	N	4-5	N	3-5	N	2-5	N	0-3	N	4-5	N	3-5	N	5	6
22	ENE	3-4	E	1-3	ENE	1-4	ENE	1-4	ENE	2-5	ENE	2-5	NE	4-6	NE	1-6	NE	1-5	NE	1-5	NE	0-4	NE	2-6	6
23	SE	5	SE	5	SE	5	ESE	5	SE	4	ESE	5	SE	5	SE	5	SE	4	SE	3	SE	2	SE	3	5
24	SE	2	SE	2-3	SE	2	ESE	1-2	ESE	0-1	ESE	2	ESE	2	ESE	2	ESE	3	ESE	2-3	ESE	2-3	E	1	5
25	E	2-4	ESE	2-3	E	1	E	1-2	NNE	0-2	NNE	1-2	NE	1-3	N	0-2	ENE	1-2	N	1	NE	2	NE	1	5
26	ESE	4-5	E	3	E	2-5	ENE	1-6	E	2-3	E	1-3	E	1-3	E	4-5	E	5-6	E	6-7	E	4-5	E	3-5	7
27	SE	4	ESE	3	SE	4	SE	3-4	ESE	3	E	2	E	1	E	2	E	0	SE	1	SE	0-1	E	0-1	4
28	NNW	1	N	1	NNW	1-2	NNW	1-2	N	2	N	2	N	2-3	N	2	NNW	1-3	N	2	N	2	N	1-3	4
29	N	1	N	1-2	N	0-2	N	1-2	N	0-1	N	0-1	N	1-2	N	1-2	N	1-3	N	1-3	N	1	ENE	0-3	3
MEAN		2·53		2·45		2·43		2·47		2·24		2·50		2·50		2·52		2·45		2·29		2·10		2·19	-

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Force.
1	N	0-1	N	0-1	N	1	N	1	N	1-2	N	2-3	N	1-3	N	2	N	2-3	N	2	N	2-3	N	2-3	1·5
2	SW	4-5	SW	4-5	WNW	4	NW	1-2	N	0-4	N	2-4	N	0-2	NNE	1-2	NNE	1-3	N	1-4	N	2-4	NNE	2-4	3·1
3	NW	0-4	WNW	0-3	N	1-2	N	1-2	N	0-2	NE	0-4	N	1-6	NE	1-3	NE	1-3	NE	1-3	N	1-3	NNE	1-3	2·2
4	N	2	WNW	1-2	N	1-2	NW	2	W	2-3	W	4	W	2-4	W	4	WNW	3-4	NW	1-4	WNW	1-3	NW	2-3	2·6
5	NE	0-5	N	1-3	NNE	2	N	2-3	N	0-3	NE	1-5	N	0-5	N	1-3	N	1-3	N	1-2	N	1-2	N	0-2	2·0
6	Var.	1	W	1-2	NW	2-3	NW	1-3	NW	1-3	W	0-5	W	0-3	NW	1-3	NW	1-3	NW	1-3	WNW	1-4	NW	1-3	1·7
7	NE	2-6	NE	1-4	NNE	2-6	NE	2-5	E	1-5	E	0-3	ENE	0-6	ENE	1-4	ENE	2-5	NE	2-5	E	1-4	NE	1-4	2·6
8	N	2-3	N	1-2	N	1-3	N	1-2	N	0-5	NE	1-5	E	0-3	ENE	2-4	NE	1-3	NNE	2-5	N	3-4	N	3-5	2·9
9	Var.	0-2	N	1-3	NE	1-2	Var.	0-2	ENE	0-5	E	0-2	E	1-5	NNE	1-3	NNE	1-4	NNE	1-3	NE	2-3	E	1-2	1·9
10	E	1-2	E	1	N	1	NNE	1	N	0-2	N	2	N	0-1	N	1	N	0-1	NW	0-1	NNW	0-1	NNW	1	1·6
11	N	2-3	NNW	1-2	NNE	2	N	1-3	ENE	1-2	N	1-2	N	3	N	2	NNE	1	Var.	0-1	N	1-2	N	1	1·1
12	N	2-3	N	1-2	WNW	1	WSW	2	SW	1	N	0-1	NW	0-1	N	1-2	N	2-3	N	0-1	WNW	1-2	E	1-3	1·4
13	WSW	2	S	1-2	SSE	1-2	SE	2	Calm	0	Calm	0	N	0-1	NE	1-3	N	1-3	NE	2-3	NNE	1-4	NNE	2-4	1·6
14	N	1-2	N	1-3	NNE	1-2	N	1-2	N	1-2	W	0-1	N	0-2	N	1-2	N	1-3	N	1-3	NNE	1-4	NNE	1-4	1·9
15	Calm	0	Calm	0	NW	0-1	N	0-1	N	0	Calm	0	W	0	WSW	0-1	WSW	0-1	SW	0-1	W	1	SW	1	1·0
16	SW	2-3	WSW	1-2	SW	2	SW	2-3	WSW	2	SW	2-3	WSW	3	W	2	WNW	2-3	W	2-3	W	2	WNW	4	2·0
17	E	2-4	ENE	1-2	NE	0-3	ENE	1-2	N	2-4	N	2-4	N	1-4	NNE	2-5	NE	2-5	NE	2-4	NE	1-4	NE	2-4	2·7
18	E	2-3	NE	0-2	Var.	0-2	E	0-2	N	0-3	E	2-3	ENE	3-4	NE	1-3	ENE	2-3	NE	3-9	N	2-8	N	3-7	3·1
19	N	0-6	N	3-6	N	2-4	N	3-5	N	3-7	N	3-7	NNE	3-7	N	2-4	NNE	3-6	N	3-5	NNE	2-6	NE	2-6	4·4
20	ENE	0-4	E	0-1	E	1	SE	2	NE	0-1	NE	1	NE	0-2	NE	1	NE	1	NE	1	ENE	1	E	1-2	2·4
21	N	2-6	N	3-5	NE	2-5	NE	2-4	N	2-5	NE	3-5	NE	2-6	NE	2-4	NE	2-4	NE	3-5	NNE	2-5	NNE	2-4	3·2
22	NE	0-2	E	0-2	E	0-2	E	1-2	ESE	5	SE	5	ESE	5	SE	4-5	SE	5	SE	5-6	SE	6	SE	5-6	3·5
23	SE	2	SE	2	SE	1-2	SE	1	Calm	0	SE	2	SE	0-2	SE	2-3	SE	2-3	SE	3	ESE	1-2	ESE	2	3·0
24	E	2	SE	1-2	ESE	1-2	ESE	2	E	3	E	4-5	E	4	SE	4	ESE	2	E	1-2	E	2-4	E	3	2·3
25	NE	0-2	ENE	0-3	E	1-2	E	2-3	E	0-3	NE	1-3	ENE	1-5	E	3-5	E	2-4	E	3-5	ESE	3-5	E	2-4	2·1
26	E	3	ESE	4	SE	5	E	1-4	E	3	E	4	E	5	E	2	ESE	3-4	ESE	4-5	SE	5	SE	4-5	3·8
27	ESE	0	S	0-1	SSW	1	SW	1-2	SW	1	SW	1	SW	1	SW	1	SW	1	SW	1	SW	1	WNW	1	1·5
28	N	1-3	N	1-3	N	2-3	NNE	2-3	NE	2	N	1-3	N	0-4	NE	1-4	N	1-2	N	0-2	NNE	1-3	N	1-2	1·9
29	E	0-2	NNE	1-2	NE	0-2	NE	1-2	E	0	N	1	N	1-2	NE	0-1	N	0-1	SE	2	SE	2	ESE	2	1·2
MEAN		2·03		1·78		1·88		1·88		1·88		2·29		2·34		2·24		2·29		2·45		2·55		2·57	2·28

N 225. NNE 52. NE 88 ENE 38. E 82. ESE 27. SE 44. SSE 1. S 2. SSW 1. SW 2. WSW 11. W 34. WNW 16. NW 24. NNW 9. Calm or Var. 20.

WIND. DIRECTION AND FORCE (0 to 12). MARCH 1888.

	1		2		3		4		5		6		7		8		9		10		11		12		Max.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	ESE	2	E	1-2	E	2	E	1 2	E	2	ENE	1-2	ENE	0-2	ENE	0-1	E	0	E	1	N	0-2	N	0	4
2	N	2-5	N	2-4	N	3-5	E	4-6	N	4-6	N	5-6	N	4-6	N	1-5	N	1-4	N	2-5	N	3-5	N	2-6	6
3	N	2-4	N	1-3	N	4-6	NNE	3-5	N	1-5	Var.	0-3	N	3-5	N	1-3	W	0-3	N	1-5	NW	1-2	N	2	6
4	ENE	3-5	ENE	2-4	NE	3-5	NE	3-4	N	3-6	N	2-6	NE	3-6	NE	2-5	ENE	2-5	ENE	4-5	ENE	2-4	ENE	0-2	6
5	NE	1-3	NNE	2-3	N	2-4	N	3-4	N	3-4	NNW	4-6	N	4-5	NNW	2-4	N	0-1	NNW	0-1	NNW	0-1	W	1-4	6
6	NE	1-2	N	1-3	NE	1-2	Var.	0-1	ENE	0-2	Var.	0-1	N	1-2	N	0-2	N	1-2	N	0-3	ENE	1-2	N	0-1	4
7	N	2-4	NW	0-3	NW	1-4	W	1 5	W	3-4	NW	2 4	W	2-5	NW	1-3	NW	2-5	NW	1-3	Var.	1-4	SW	1-3	5
8	W	1-3	W	1-3	NW	1-3	W	1-2	W	2-3	SW	1-3	SSW	3	SSW	3-4	SW	1-2	SSW	1-3	SW	3	SW	0-4	5
9	SW	1-3	SW	2-3	SW	1-2	S	2-3	S	2	SW	2-5	SSW	3-5	SW	2-5	SSW	2-5	SSW	3-4	SSW	2-4	SSW	2-4	5
10	N	1	N	0-1	N	1	N	1	W	1	N	1	W	0-1	W	1-2	W	0-1	NNW	1	Calm	0	Calm	0	3
11	SE	1-2	SE	2	SE	4	SE	5	ESE	5	E	6	E	6-7	E	7	E	7	E	5-8	E	5-8	E	6-8	8
12	E	1-4	E	0-1	E	1	ESE	0-2	E	0-4	E	3	E	3-4	E	1-5	E	2-5	E	0-4	E	1-6	E	1-5	6
13	ESE	5	SE	5	SE	4-5	SE	4-5	ESE	4-6	E	4-5	SE	5-6	ESE	5-6	ESE	6	SE	7	ESE	6	E	6-7	7
14	SE	8	ESE	7-8	ESE	8	SE	8-9	ESE	8-9	ESE	7-9	ESE	7-9	ESE	8-9	ESE	8-9	ESE	9	ESE	9	ESE	7-9	11
15	ESE	9-10	E	9-10	E	8-10	ESE	9-10	ESE	10	E	9-10	ESE	9-10	E	8-9	ESE	7-9	ESE	6-9	E	7-9	E	7-8	10
16	E	2-6	E	2-5	ENE	2	E	3	ESE	3	E	1-3	ESE	2-3	ESE	2-3	SE	1-4	E	1	ESE	3	ESE	0-1	6
17	NW	1	N	2	N	1-2	N	0-1	N	2-3	N	2-3	NNW	2-3	NW	5	NNW	1-3	NNW	3-4	N	2-3	N	3-4	5
18	ENE	0-2	NNE	0-2	NE	1-2	NNE	1-2	NNE	2-3	N	1-3	N	0-2	N	0-2	E	0-3	ENE	2	E	2	ESE	2-3	3
19	N	1	N	1	ENE	1-2	E	3	E	3-4	E	3-4	E	4-5	E	4-5	E	3-5	E	4	E	4	E	5	5
20	SE	4	SE	3	SE	3	ESE	2-3	ESE	3-4	E	3-5	E	3-5	ESE	3-5	E	2	ESE	1-2	E	0-1	E	2	5
21	SSW	2-3	SW	2	SW	2-3	SW	2-3	SW	3	W	4	W	4	NW	4	NW	2-3	WNW	3	W	3	W	3-4	4
22	N	1-2	NW	1	NW	0-1	NNW	1-2	NNW	1	NW	1	NNW	0-1	Calm	0	NW	0	Calm	0	Calm	0	N	0-1	2
23	N	1-2	N	1-2	NE	0-2	N	1-2	N	1-2	N	2-3	N	2-5	N	1-6	N	0-4	NE	1-4	N	1-3	E	1-3	6
24	NE	2-4	NNE	2-3	NNE	1-5	NNE	3-7	N	5-7	N	3-7	NNE	4-8	N	5-7	N	5-8	N	2-5	NNE	0-6	N	1-3	8
25	NNE	1-4	NE	1-3	NE	1-3	ENE	1-3	N	0-2	Var.	0	Var.	0-1	E	0-2	N	0-1	Calm	0	Calm	0	Calm	0	4
26	NNE	3-4	NNE	1-4	N	2-4	N	3-5	N	2-5	N	2-5	NNW	2-4	N	3	NNW	2-3	NNW	1-5	NNW	3-4	N	3-5	5
27	ENE	0-1	NE	0-1	N	0-1	NNE	1	N	0	N	1	N	0-1	N	1	NNW	1	NW	0	WNW	0	ESE	0	2
28	SE	2-3	SE	3	SE	3	SE	3-4	E	3	E	3-4	E	4	E	5	E	4-6	E	5-6	E	7	E	7	7
29	NE	3-6	NNE	3-5	NE	2-5	NNE	3-4	N	3-4	N	1-4	N	1-4	ENE	0-2	N	0-1	N	0-2	NE	1-2	NNE	1-2	6
30	NE	3-5	NE	2-4	NNE	3-4	NNE	3-5	NNE	1-4	N	3-4	N	2-4	N	3-4	NNE	3-5	N	3-4	N	4-6	NE	2-5	6
31	N	3-8	Var.	0 2	NNW	1-3	Var.	1-3	ENE	1-3	ENE	2	S	0-1	E	0-2	E	0-1	NE	2-3	N	0-2	N	2-4	8
MEAN		3·00		2·53		2·81		3·08		3·24		3·26		3·45		3·29		2·85		2·94		2 94		2·89	

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Force.
1	N	1	Calm	0	N	0-1	N	0-1	NNW	1	NNW	0-1	N	2	NNE	1-2	N	2-3	NE	2-3	N	2-3	N	3-4	1·3
2	N	2-5	NE	2-4	NE	2-4	ENE	2-3	E	2-4	E	2-3	N	0-3	ENE	1-3	NE	1-4	Var.	0-1	NNE	2-3	N	3-5	3·3
3	N	0-2	NE	1-2	N	1-2	N	0-2	E	1-2	N	1-2	NE	1-4	ENE	2-4	NE	2-3	N	2-3	N	2-4	NE	2-3	2·4
4	Calm	0	Var.	0-1	ENE	2	ENE	1-2	ENE	2	ENE	1-4	ENE	1-3	E	2	ENE	1-2	E	0-1	ENE	1	ENE	1-2	2·5
5	W	0-4	WSW	2	WNW	1-3	W	1-3	Var.	0-2	Var.	0-1	Var.	0-2	NNE	0-3	Var.	0-3	NE	1-3	NE	1-3	NNE	2-4	2·1
6	Var.	0-2	NNE	0-1	N	1-2	N	0-2	E	0-4	N	1-3	N	0-3	N	1-4	N	1-3	NW	0-4	NW	1-3	NW	0-3	1·4
7	NW	0-4	WNW	2	NNW	1-2	NW	1	NW	1	WNW	2-4	W	2-5	NW	2-3	WNW	2-3	WNW	2-3	WSW	3-4	W	3	2·5
8	SW	1-3	SW	2-3	SW	2-4	SSW	3-5	SW	1-5	SW	4	SW	1-3	SSW	3-4	SW	3-4	SW	1-4	W	1-3	WSW	1-3	2·5
9	SSW	2-4	SSW	3	SW	2-4	SW	1-2	S	1	S	1	S	1	Calm	0	Calm	0	N	1	NNE	0-1	N	1	2·1
10	NW	0-1	W	0	SSW	1	SSW	1	S	1	S	2	S	2	S	2	SSE	2-3	SSE	3	SSE	2-3	SSE	3	1·2
11	E	6-7	E	6-7	E	5-7	E	2-6	E	2-6	E	0-6	E	3-5	ESE	4	ESE	5	ESE	3-6	ESE	4-6	E	4-5	5·0
12	E	3-4	ESE	4	E	2-3	E	3	ESE	3-6	E	4-6	E	4-5	SE	4-5	SE	5	E	4-5	ESE	5-6	ESE	6	3·4
13	E	7	SE	6	ESE	6-7	E	5-6	E	6	ESE	6-7	ESE	6-7	ESE	6-7	ESE	6	ESE	6	SE	6	ESE	7	5·9
14	E	6-9	SE	9-10	SE	9-10	ESE	8-10	ESE	9-10	ESE	9-10	ESE	10	SE	10	ESE	10	ESE	10-11	ESE	10-11	ESE	10	9·0
15	E	2-7	ESE	3-4	E	2-4	ESE	5-7	E	4-7	E	2-7	E	3-8	E	2-6	E	3-5	E	3-6	E	2-6	E	2-6	6·6
16	SE	0-1	Var.	0-1	N	0-1	Var.	0-1	N	1-2	NW	2	NNW	2	N	1	NNW	1-2	NNW	1	NW	1	Calm	0	1·7
17	NNW	1-3	N	1-2	N	1-2	N	2	ENE	1-3	NNW	0-3	SSW	0-2	NNE	1-3	N	1-3	N	1-2	N	0-2	NE	1-2	2·0
18	E	1	SE	1-2	SE	0-2	E	0-1	NW	0	SE	0	NE	1	SSE	0-1	NNE	0-2	NE	1	N	1	N	1	1·2
19	E	3-4	E	0-3	E	2-3	ENE	2-3	E	0-1	E	2	E	0-1	E	2	E	2-3	E	2-3	E	3	SE	3	2·7
20	SE	2-3	SE	2	SE	2	ESE	1-2	N	0	E	0-2	ESE	2	SE	0	SE	1-2	S	1-2	S	2	S	2-3	2·2
21	WNW	1	WNW	3	WNW	2-3	NW	2	WNW	4	W	3	NW	2-3	NW	1-2	NW	1-2	NNW	0-2	NNW	1	NNW	1	2·5
22	Calm	0	S	0-1	E	0-1	Calm	0	Calm	0	ESE	0-1	NE	0-1	N	0-2	NNE	0-1	N	1-2	NE	1	Var.	0-1	0·6
23	ENE	1-2	Var.	0-1	E	1	NE	1-2	NW	1-2	N	0-2	Var.	1-2	NE	2-4	NE	2-5	NNE	1-3	N	1-3	NNE	1-3	1·9
24	NE	1-3	NE	2-3	NE	1-3	NNE	2	N	1-3	N	1-3	N	3-4	NNE	3-5	NNE	3-6	NE	2-4	N	2-4	N	2-5	3·6
25	Calm	0	Calm	0	N	0	Var.	0-1	N	0-1	NE	0-1	ENE	0-2	ENE	0-1	NE	1-2	N	1-2	NNE	0-3	NNE	1-4	0·9
26	N	1-3	N	1-2	Var.	0-1	Var.	0-2	E	1-3	E	2	E	0-1	N	1-3	N	2-3	NE	1-3	N	1-2	Var.	0-2	2·4
27	S	0	S	1	SE	0-1	S	0-1	SSE	0	Calm	0	Calm	0	SE	1	SE	2	SE	1-2	SE	2	SE	2	0·7
28	E	6-7	E	4	ESE	3-6	E	2-4	NE	1-4	NE	0-6	NE	1-6	NE	3-5	NE	2-6	NNE	4-6	NE	2-5	ENE	3-6	4·2
29	N	0-1	NE	0-2	N	0-1	E	1	N	1	N	1-2	N	1-2	NE	1-2	NNE	3	NNE	3-5	NNE	3-6	NE	3-6	2·2
30	N	3-5	N	3-5	NNE	3-6	NNE	3-5	N	1-5	N	3-5	ENE	0-2	NE	2-4	NNE	0-3	N	1-5	NE	1-5	NNE	2-6	3·4
31	N	0-1	N	0-3	N	1-3	N	1-3	N	1-3	N	0-2	N	1-4	N	1-3	N	0-3	N	1-3	N	1-2	N	1-2	1·8
MEAN		2·34		2·29		2·34		2·19		2·21		2·35		2·39		2·53		2·76		2·68		2·74		2·95	2·75

N 170. NNE 45. NE 57. ENE 38. E 122. ESE 64. SE 42. SSE 6. S 17. SSW 17. SW 23. WSW 3. W 24. WNW 11. NW 33. NNW 28. Calm or Var. 44.

WIND. DIRECTION AND FORCE (0 to 12). APRIL 1888.

	1		2		3		4		5		6		7		8		9		10		11		12		Max.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	Var.	0-2	N	1-2	N	2	N	1-2	N	2-3	N	3	N	3-4	N	2-4	N	1-2	N	0-2	N	1-2	N	0-1	6
2	N	3-5	NNE	2-4	NE	3-5	NE	2-6	NNE	3-5	ENE	2-4	ENE	1-3	S	0	ENE	1-3	ENE	1-3	E	2-4	ENE	1-3	6
3	NNE	3-5	NNE	2-4	N	1-3	N	1-3	E	3	S	0	E	1-3	N	0-3	ENE	0-3	N	2-3	E	1	N	1-2	5
4	ENE	2-3	Var.	0-1	E	2	Var.	0-2	N	2	N	0-3	NW	1-4	Var.	0-2	N	2-4	N	2-4	N	1-3	N	1-3	4
5	NNE	1-2	N	1-2	N	2	NE	1-2	NNW	0-2	NNW	0-2	N	1	N	1	NNW	0-2	N	0	Calm	0	N	1	2
6	N	0	N	0-1	NNW	0-1	N	1	N	1	N	1	N	1	N	1-2	N	1-2	N	1	N	1	N	0-1	2
7	Var.	0-1	N	0-1	N	0-1	ENE	1	N	1	N	1	N	1	N	0-1	N	1	N	0-1	NNW	0-1	N	0	2
8	Calm	0	N	0-1	N	0-1	ENE	1	NW	0-1	N	0-1	Var.	0-1	N	1	N	1-2	NE	1-2	N	0-1	Calm	0	2
9	N	1-2	N	2	N	2	NNW	2-3	N	0-3	NNW	2-3	NW	2-3	NW	0-3	Var.	0-2	NW	0-3	NW	1-3	NNW	1-4	4
10	E	1-2	E	2	E	1-2	NE	1-3	ENE	1-2	NNE	2-3	NE	2-3	NE	1-3	N	2	N	1-2	N	0-1	NW	0-1	3
11	N	2-3	NNE	1	ENE	1-4	E	1-2	E	0-2	NNW	2-4	N	2-4	N	3-4	N	2-5	NNW	2-5	ENE	1-4	N	3-4	5
12	ENE	2-3	N	1-2	NE	1-4	NNE	1-2	N	1-3	N	2	N	1-2	N	2	N	0-1	Calm	0	SSE	2	SSE	2-3	4
13	NW	1-2	NW	1-3	NW	0-4	WNW	1-4	NW	1-2	NW	1	E	0-2	E	0-2	NW	0-1	ENE	1-2	NW	0-1	Var.	0-1	4
14	W	2-3	W	2	SW	3	WSW	2	WSW	2	W	2	W	2	W	2	W	1-2	W	1-3	W	1-2	W	2	3
15	SE	3-4	SSE	4	SE	4	SE	4	SE	3-4	SE	3-4	SE	3-4	SE	4-5	SE	5	SE	6	SE	7	SE	6	7
16	SSW	2	SW	2	SW	1-2	SW	2-3	SW	1-2	SSW	1-2	SW	1-2	SW	1-2	SW	1-2	WSW	1-3	SW	1-2	SW	1-2	7
17	SSE	7	SE	7	SE	8	SW	4	SE	4	SE	5	SE	7	SE	7	SE	7	SSE	6-7	SSE	7	SE	7	8
18	SW	2	SW	2-3	SSW	2	S	2	SE	2	S	1-2	S	2	S	2	S	2	SSE	1	S	1-2	SSE	1-2	3
19	Var.	0-1	NNE	0-1	N	1	NNW	1	N	1	Var.	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	1
20	ENE	1	NE	1	N	1	NNE	2	N	0-2	N	2-4	N	2-4	N	2-4	N	2-5	N	1-5	NNE	3-7	Var.	3-7	7
21	NE	3-6	N	2-6	NNE	2-5	N	2-4	N	1-3	N	1-2	N	1-3	N	1-3	N	2-4	N	1-3	NNE	0-2	N	0-2	6
22	NNE	2-3	N	1-2	NNE	0-2	E	2	E	2-3	SE	3	ESE	3-4	E	4	E	4-5	E	4	E	0-3	E	0-2	5
23	E	3-6	E	2-5	NE	1-4	ENE	2-4	N	1-3	N	1-2	N	0-2	Var.	1-3	E	1-2	E	1-2	NNE	1-3	E	0-3	6
24	E	2-5	E	2-3	ESE	3-4	E	2-6	E	1-3	E	0-4	E	0-3	E	0-2	Var.	0-2	ESE	0-2	N	0-2	E	0-2	6
25	NE	1	NE	0-1	NE	2-3	NE	1-3	N	1-2	N	1-3	NNE	2-3	NNE	1-2	N	1-2	N	2-3	NNE	0-2	NE	1-3	3
26	N	1-2	N	2-3	NNW	2-3	N	2	E	1-2	Var.	0	SSW	0-1	Var.	0-1	N	0-1	NNW	0-1	Calm	0	NNW	0	4
27	N	1-3	NW	1-3	NNW	1-3	NW	1-2	NE	1-2	N	1-3	N	1-3	NNE	1-3	NNE	2-3	NNE	1-3	N	1-3	NE	1-3	3
28	NNE	0-1	N	0-1	N	1	NW	0-2	SW	2-3	SW	3	SW	3-4	SW	2-3	WSW	2-3	SSW	3	W	3-5	W	3-5	7
29	WNW	2-5	WNW	2-4	W	2-4	WNW	2-5	WSW	2-4	WNW	2-3	W	3	W	2-4	W	2-3	Var.	0-2	W	2-3	W	2-3	5
30	W	1-2	W	2	WSW	1-2	SW	1-2	S	2-3	SW	1	S	2	S	2	SSE	2-3	S	2-3	SSE	2-3	S	2-3	7
MEAN		2·22		2·02		2·25		2·13		1·95		1·90		2·15		2·00		2·10		2·00		1·93		1·92	

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Force.
1	N	0-2	Var.	0-1	NNE	1-3	NE	1-4	N	1-2	N	0-4	N	2-4	NNE	2-3	NNE	2-4	N	3-6	N	2-5	N	3-6	2·2
2	ENE	2-4	NE	2-5	NE	3-6	NNE	2-5	ENE	1-4	N	1-2	N	1-3	N	1-5	N	3-5	NE	1-4	N	2-4	NNE	1-4	2·9
3	NE	2	NE	1-2	ENE	1-2	NE	1-2	E	1-2	E	1-3	N	2-3	NE	1-2	NNE	2-3	N	3	N	3	NE	2-3	2·0
4	N	1	Calm	0	NNE	1	NE	1	N	0-2	N	0-1	NNW	1	NNW	1-2	N	2	N	1-2	NNE	2	N	1-2	1·5
5	N	0	Calm	0	Calm	0	N	0-1	Calm	0	N	1	N	1	Calm	0	NE	0-1	ENE	0-1	NE	0-1	E	0-1	0·7
6	N	0-1	N	0-1	Calm	0	N	0-1	N	0	NE	0-1	ENE	0-1	E	0-1	N	0-1	Var.	0-1	N	1	N	0-1	0·7
7	N	1	N	0-1	N	1	N	0-1	NNW	0-1	N	0-1	N	1-2	Calm	0	Calm	0	W	0-1	NNW	1	N	0-1	0·6
8	Calm	0	Calm	0	Calm	0	NE	0-1	N	0-2	N	0-2	NNW	1-2	NE	1	N	0-2	NE	1-2	N	1	N	2	0·8
9	Var.	1	N	1-3	Var.	1	NE	1	E	2	E	2-3	Var.	0	NE	2	ENE	1	E	2	E	1-2	E	1-2	1·7
10	NW	0-1	W	1	NW	1	NW	0-1	WNW	0-1	W	1	Calm	0	WNW	1-2	NNW	2	N	2	N	1	NE	1-2	1·4
11	N	2	NNE	1-3	NE	0-2	NNE	3-4	N	3-4	N	3-4	N	5	NE	1-3	NE	3-5	N	2-4	N	1-3	NNE	1-3	2·7
12	SSE	3	SSE	2	S	2	SSE	2-3	SSE	2-3	SW	1-3	SW	2-3	SW	2-4	WSW	3-4	W	1-3	WNW	1-2	NW	2	2·0
13	W	1	N	1-2	NNE	2-3	N	0-2	NW	0-1	N	0-2	NW	0-1	N	1	WNW	1-2	WNW	2	W	1-2	W	3	1·4
14	W	1-2	W	1	SSW	2	SW	1-2	SW	1-2	SW	1	SW	0-1	S	1-2	SSE	2	SSE	1-2	SSE	3	SE	3	1·9
15	SE	5-6	SE	5	SE	5	SE	4-5	SE	5	SE	6-7	SE	5-6	SSE	2-3	S	3	S	2	SW	1-2	SW	1	4·2
16	SW	1-2	SW	2	SW	2	S	3	S	1	S	2-3	SSE	4	SSE	4	SE	4-5	SE	5	SSE	5-6	SSE	7	2·6
17	S	6	S	2-3	S	3-5	S	3-4	SE	1-2	S	0-1	SW	1-2	SW	2	SW	2-3	SW	2-3	SW	2	SSW	1-2	4·4
18	SE	1-2	SE	2	S	1	SE	2	SSE	0-1	SSE	1	ESE	0	E	0	Calm	0	NNE	0	Calm	0	NNE	1	1·3
19	N	0	N	0	N	0	N	1	Calm	0	Var.	0	Var.	0-1	Calm	0	N	0-1	E	1	E	0-1	NE	1	0·4
20	Var.	3-7	N	2-5	N	1-5	N	2-6	N	2-6	N	2-7	N	2-6	N	3-6	NNE	3-7	NE	3-5	N	2-5	N	2-6	3·4
21	NNW	0-2	N	1-2	E	1	NE	1	N	1-2	N	1-3	NE	0-3	NE	2-3	NNE	2-4	NNE	1-3	NNE	2-3	N	2	2·1
22	E	1-2	ENE	2-3	NNE	1-3	NE	1-3	Var.	1-3	N	1-3	N	1-3	NE	2-4	NE	3-4	NE	2-5	NE	2-4	NE	2-3	2·5
23	E	0-2	E	0-2	E	1	ENE	1-2	E	1-3	NE	1-3	Calm	0	E	3	E	2	E	2-3	E	2-4	E	3-5	2·1
24	N	0-1	SE	1	E	0-1	N	0-1	NE	0-2	NE	0-1	E	0-1	NE	1	NE	0-1	E	1	NNE	0-2	E	1-2	1·4
25	NE	1	NE	0-2	NE	1-2	NE	0-1	N	0-1	N	0-1	Var.	0-1	NW	0-1	N	1	N	1	N	2	N	2	1·4
26	Calm	0	NW	0-1	N	1	N	1	N	0-2	NW	1-2	N	1-3	NNW	1-2	NNW	1-3	NNW	1-3	NW	1-4	NW	1-3	1·2
27	NNE	1-3	NE	1-2	NE	0-3	N	1-2	NE	1	NNE	1-2	Var.	0-2	Var.	0-2	NE	1-2	NE	0-2	NE	2-3	NE	1-2	1·7
28	SW	3-5	SSW	4-5	SW	5-6	SW	5-6	SW	3-6	SW	4-5	SW	3-5	W	3-6	W	2-6	WSW	4-6	W	2-7	NW	3-5	3·4
29	W	0-2	NW	1	WNW	1	WNW	0-1	SSW	0-1	W	1-2	WSW	2	WSW	1-2	SW	1-2	W	2	W	1	W	1-2	2·0
30	SE	3	SSE	3	SE	2-3	SSE	4	SE	4	SE	4	SE	4-5	S	4	S	5-6	SE	4-5	SE	4-5	SE	5-7	3·1
MEAN		1·73		1·62		1·73		1·88		1·58		1·83		1·83		1·88		2·25		2·20		2·15		2·33	1·98

N 200. NNE 45. NE 65. ENE 24. E 60. ESE 4. SE 43. SSE 26. S 30. SSW 9. SW 43. WSW 10. W 36. WNW 13. NW 30. NNW 25. Calm or Var. 57.

WIND. DIRECTION AND FORCE (0 to 12). MAY 1888.

	1		2		3		4		5		6		7		8		9		10		11		12		Max.
	Dir'n.	Force	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	SE	6	SE	6	SE	7	SE	6–7	SE	5	SE	5–6	SE	5–6	SE	5–6	SE	5–6	SE	5	SE	4–5	SE	4–5	7
2	N	0–1	Var.	0–1	WNW	1–2	SW	2	SW	2–3	SSW	4	S	5–6	SSE	7–8	SE	7–8	SE	8	S	7	S	3–5	8
3	SSW	3–5	SSW	3–4	SW	3–4	W	0–1	NNW	1–2	NNE	1–2	N	2–4	N	2–4	N	3–4	N	2–5	NE	3–5	NE	2–4	5
4	ENE	0–2	NE	0–1	N	1	N	1	NW	0–2	NW	1–2	NW	1–2	Var.	0–2	NW	1–2	NW	0–2	NNW	0–2	Var.	0–1	4
5	NW	2–3	WNW	2–3	NW	1–3	W	2–4	NNE	2–3	NE	2–3	NE	2–3	NE	1–2	NE	2–4	NE	1–3	NE	2–4	Var.	1–3	4
6	NNW	0–1	NNW	2	NW	2–3	NNW	1	NW	1–2	W	2–3	WSW	2–3	WSW	2	W	2	SW	2–3	SW	2	SW	1–2	4
7	W	4	WSW	3–4	NW	1–2	NW	2–4	W	2	W	3	W	3	NW	2–3	W	3	W	2–3	NW	2–4	W	2–3	4
8	WNW	1–2	W	1–2	NW	1–3	NW	1–3	NE	1–3	N	1–3	N	1–3	NE	2–3	N	2–4	N	2–3	NE	2–4	NE	2–3	5
9	NE	2–5	NE	2–4	NNE	2–5	NNE	2–4	N	2–4	NNE	2–4	N	2–3	N	2–3	N	2–3	N	2–3	N	2	NE	1	5
10	SE	0	SE	0–1	Calm	0	S	0–1	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	E	0	SSE	0–1	ESE	0–1	1
11	W	1	WNW	1	N	1	N	1–2	N	2	N	1–2	N	1	N	2	N	1	N	1–2	N	0–1	ENE	0–1	2
12	N	1–2	N	0–1	NW	0–1	NW	1–2	NNE	1–2	N	2	N	2	NNW	1–2	NW	2	NNW	2	NW	2	WNW	1–2	2
13	NNE	1	NNW	2	NW	1–2	W	1–2	W	1–2	W	1–2	NE	1–2	N	1–3	NE	2–4	NE	2–4	NE	1–3	NE	1–3	5
14	ENE	2–4	NE	2–4	E	2–3	NE	1–3	Var.	1–2	NE	1–3	ENE	1	N	1–2	N	1	ENE	1	ENE	1	NE	1–2	4
15	SW	1	SW	1–2	SSW	1–2	S	1–2	S	2	S	2–3	S	2–3	S	2–3	S	2–3	S	1–2	SSE	2	SSE	2	3
16	S	2–3	SSE	2–3	SSE	3	S	2	S	2–3	SSE	3–4	SE	3	SE	4	SE	4	ESE	5	E	5	E	6	6
17	SE	3–4	SE	3	SE	2	SE	3	SE	3–4	SE	4	S	3–4	S	3	S	3	S	3	S	3	S	3–4	4
18	W	2	WSW	2	SW	2	SSW	2	SSW	2	SSW	2–3	S	2	S	2–3	S	3	S	3	SSE	3–4	SSE	3	8
19	S	3–4	S	4	S	4	S	5	SE	4–5	SE	4	SE	5	SE	7	SE	7	SE	7	SSE	7–8	SE	6–7	9
20	S	2–3	SW	1	W	1	W	2	W	1	W	1	W	1–2	W	1–2	WSW	1–2	SW	1	SW	1	WSW	0–2	3
21	W	2–3	WNW	2	WNW	1–2	W	2–3	W	1–2	WSW	1	W	1	W	0–1	Calm	0	Var.	0–1	S	0–1	Calm	0	3
22	SSE	0–1	Calm	0	Calm	0	Calm	0	E	0	E	0	Calm	0	E	1	E	0–1	Calm	0	N	0	Calm	0	1
23	NNE	1	N	0–1	NE	0–1	N	1	N	1	N	1–2	N	1–2	N	1–2	N	1	E	0–1	Calm	0	N	0–1	2
24	N	2–3	N	2	NE	1	N	0–1	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	3
25	NNW	1	N	1	N	1	N	1–2	NNE	0–1	N	1	N	1	E	1	E	0–1	NE	0–1	Var.	0	Calm	0	2
26	N	1–2	N	2	NE	1–2	N	2	N	2	N	2	N	2	NW	0	Calm	0	Calm	0	SSW	0–1	S	0–1	2
27	S	1	SW	1	SW	0–1	SW	0	W	0–1	NW	0–1	NNW	0–1	Calm	0	Calm	0	N	0	N	0	NNW	0–1	2
28	SE	1	ESE	1	SE	1	ESE	0–1	Var.	0	Calm	0	E	0	ENE	1	ESE	1	ESE	1	ESE	1	Calm	0	3
29	SE	2–3	SE	2–3	SE	2–3	SE	3	SE	2–3	SE	2–3	ESE	3	ESE	3–4	SE	3–4	ESE	4	ESE	4–5	SE	4–5	9
30	SSE	7–8	SSE	5–6	S	5	SSE	6	SE	5–6	SE	5	SE	4–5	S	2–3	S	2–3	SSW	2–3	S	2–3	SW	1–2	8
31	NW	1–3	W	3	W	3	WNW	2–3	SW	3	WNW	1–2	N	1	NW	1	NNW	2–3	NNW	2–3	Var.	0–2	N	1–2	4
MEAN		2·19		2·08		1·97		2·06		1·92		2·10		2·11		2·18		2·29		2·23		2·18		1·89	

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Force.
1	SE	3	S	1–2	S	1	SW	1	WNW	1	NW	1	NW	1–2	NNW	1	NW	1	ENE	0–3	NE	1	NE	1	3·4
2	W	2–3	SW	4–5	SW	4–5	SW	4	S	5–7	SSW	5–6	S	6	SSW	4–6	SSW	4–6	SSW	5–6	SSW	5	S	5	4·5
3	NNE	3–5	N	2–3	E	0–2	NE	0–2	NE	0–2	NE	2–3	NE	2–3	NE	2–3	NE	2–3	NNE	2	NNE	1–2	NE	0–1	2·4
4	WNW	1–2	NNW	1	NW	0–2	W	2	NW	1–2	WNW	2–3	W	1–2	WNW	3	WNW	1–3	W	1–3	WNW	3	W	1–4	1·5
5	NE	1–2	NNE	1–3	N	1–2	Var.	0–2	NNE	1–2	NE	1	NE	1	N	1	N	2	N	1	N	1	NNW	1–2	1·9
6	SW	3	WNW	3	NW	1–3	NW	1–2	W	2–3	W	3	WNW	2–3	NW	2–3	NW	3	NW	2–4	NW	2–3	WNW	3–4	2·3
7	W	2–3	SW	3	W	3	W	2–3	W	2–3	WNW	3	W	3	WNW	1–2	WNW	1–3	NW	1–3	NW	1–2	NW	1–3	2·6
8	NNE	2–4	ENE	1–2	ENE	0–2	NE	1–2	Var.	1–3	NE	1–3	NE	2–4	NE	1–3	NE	1–3	NE	2–5	NE	2–4	NNE	2–4	2·2
9	NE	1	ENE	0–1	N	0	Calm	0	Calm	0	N	0–1	Calm	0	ENE	1	E	0	SE	1	SE	1	SSE	0–1	1·6
10	Var.	0–1	Calm	0	Calm	0	NE	0	N	0–1	N	0–1	N	0–1	NNE	0–1	Calm	0	SW	0–1	WSW	0–1	W	0–1	0·2
11	Calm	0	Calm	0	N	0–1	NE	0	ENE	0–1	NNW	0–1	N	1	NNW	1	N	0–1	NW	1	NW	1	NNW	1–2	0·9
12	N	2	N	1–2	NNW	1–2	N	1	N	1–2	NW	2	N	2	N	1–2	N	2	N	1–2	N	1	NNW	1–2	1·6
13	NE	2–3	NE	1–3	ENE	2–4	NE	3–4	NE	2–4	ENE	2–3	ENE	1–3	ENE	2–4	ENE	2–4	ENE	3–5	NE	2–4	NE	3–4	2·4
14	N	0–1	N	0–1	ENE	0–1	NE	0–1	NE	0	Calm	0	Calm	0	SW	1	SW	1	SW	1	SW	0–1	SW	1	1·1
15	SSE	2	SSE	2	SSE	1	SSE	1–2	S	1–2	SSE	2	S	2–3	S	2	S	2	S	2	S	2	SSE	2–3	1·9
16	E	5–6	ESE	5–6	SE	5	SE	5	SE	5–6	SE	4–5	SE	4	SSE	3	SSE	2	SSE	2–3	SSE	1–2	SE	3	3·8
17	S	3–4	S	2–3	S	3	S	2–3	S	2–3	S	3	SSW	3	S	2	SSW	2	SSW	2	SW	1	SW	1–2	2·8
18	SE	4	SE	5	S	4–5	S	5	S	6–7	S	7	S	6–8	SE	7–8	SSE	6–7	SE	6–8	S	4–6	S	3–6	4·1
19	SE	6–7	SE	5–7	SSE	7–9	SE	7	SE	5–6	SE	6–7	SE	7	SE	6	SSE	6–8	SE	6–7	SSE	4	SSE	1–4	5·7
20	WSW	1–2	WSW	1	WSW	1	WSW	1–2	Var.	0–1	W	1	W	0–1	W	1	W	1	W	1–2	W	1–2	W	2	1·2
21	S	1	S	1	SW	1	W	0–1	W	0–1	WNW	0–1	NW	0	Calm	0	Calm	0	Calm	0	SE	0	SE	0–1	0·8
22	Calm	0	SSE	0–1	Calm	0	E	0	Calm	0	N	0–1	NW	1	N	0–1	Calm	0	Calm	0	NNE	0–1	NNE	0–1	0·2
23	Var.	0–1	N	0–1	Var.	0–1	Calm	0	N	0–1	N	1	NE	0–2	N	1–2	N	1–2	Var.	0–2	NNE	2	N	2	0·9
24	Calm	0	Calm	0	NNW	0–1	N	0–1	E	0	E	0	Calm	0	Calm	0	NW	0	Calm	0	Calm	0	N	0–1	0·3
25	N	0–1	Calm	0	N	1	NE	1	NE	1	Var.	0	N	0–1	N	1	N	1–2	N	1	NNW	1	N	1	0·8
26	S	1	S	1	S	1–2	S	0–1	Calm	0	SSW	0	S	0–1	Calm	0	S	0–1	S	0–1	S	1	S	1	0·9
27	Calm	0	Calm	0	N	0	NNE	1	NE	1	NE	0–1	E	1	E	1	E	1–2	SE	2	SE	0–2	SE	2	0·6
28	ESE	1	ESE	0–1	ESE	1–2	ESE	1	SE	1–2	ESE	2	E	2	ESE	2	SE	1–2	SE	2	SE	2–3	SE	3	1·2
29	ESE	4–5	SE	5	SE	5–6	SE	4–5	ESE	5–7	ESE	6–7	SE	7	SSE	8	SSE	8	SSE	8–9	SSE	6–8	SSE	6–8	4·8
30	SW	1–2	W	0–1	NW	1	NW	1	NW	1	NW	1	NNW	1	NW	1–2	NW	0–1	NW	1	WNW	1	NW	2	2·6
31	NE	2–3	N	1–2	N	1–2	Var.	1–2	N	1–3	NE	1–3	NE	1–3	NE	1–4	NE	1–3	NE	1–4	ENE	1–3	E	1–2	2·0
MEAN		2·03		1·81		1·84		1·73		1·90		2·08		2·15		2·13		2·05		2·24		1·89		2·08	2·05

N 106. NNE 21. NE 70. ENE 20. E 24. ESE 21. SE 80. SSE 36. S 72. SSW 18. SW 33. WSW 12. W 53. WNW 22. NW 53. NNW 25. Calm or Var. 78.

WIND. DIRECTION AND FORCE (0 to 12). JUNE 1888.

	1		2		3		4		5		6		7		8		9		10		11		12		Max.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	E	0–2	E	0–1	E	0–2	E	1	N	1–2	NE	2–3	N	1–3	N	1–3	NE	1–2	Var.	0–1	ENE	1–2	N	1–2	3
2	E	1	E	1	NE	1	NE	1	E	2	E	2–3	ESE	3	E	2–3	E	2–3	E	3	E	3	E	3	6
3	SE	6	SE	6	SE	6	SE	5	SE	5–6	SE	4	SE	3–4	SE	4	SE	4–5	ESE	4	SE	4	SE	3	6
4	ESE	0–1	E	0	NE	0	Var.	0–1	N	1	N	1–2	NNE	2–3	N	1–3	NNE	1–2	NNE	1–2	NE	1–2	N	1–2	3
5	Calm	0	ESE	1	ESE	1	ESE	1–2	SSE	1–2	SE	1–2	ESE	2	SE	3	SE	3–4	SE	3–4	SE	3–4	ESE	3–4	5
6	SE	7	SE	6–7	ESE	6	ESE	7–8	ESE	6–7	ESE	6–7	ESE	8	ESE	7	ESE	7	ESE	7	ESE	7–8	SE	3–5	9
7	SE	4–5	SE	4	SE	4	SE	4	SE	4	ESE	4	SE	3	SSE	3	SSE	3	SSE	3	SSE	3	SSE	2–3	5
8	S	2	SSW	2–3	S	2–3	S	2	SSE	2	SE	2–3	SE	2–3	SE	2–3	SE	2–3	SE	3	ESE	3	SE	3	4
9	SSW	0–1	Calm	0	S	0–1	S	0	S	1	S	0–1	Calm	0	Calm	0	Calm	0	Calm	0	S	0–1	S	1	3
10	N	1–2	NW	1–3	NW	2–3	NW	2–3	N	1–3	NW	2–3	N	1–3	N	1–4	NW	1–3	N	1–3	N	1–3	N	1–3	4
11	WNW	2	W	2–3	WSW	1–2	SW	2	WSW	1	SW	2–3	S	2	S	2–3	S	3	S	2–3	S	3	SSE	3–4	5
12	SSE	3	SSE	4	S	6	S	5–6	SE	7–8	SE	8–9	SE	8–9	SE	6–7	SE	7–8	SSE	7–8	SE	6–9	SE	6–8	9
13	S	3–4	SSE	5	S	4	S	3–4	S	3	SSE	3–4	S	2–3	WSW	0–1	S	1	SSW	1	SSW	1–2	SSW	1	5
14	S	0–1	S	0–1	S	0	Calm	0	Calm	0	N	0	Calm	0	Var.	0	Calm	0	Var.	0	Calm	0	Calm	0	2
15	S	2–3	S	2–3	S	2–3	SSW	1–2	S	2–3	SSE	3	SE	2–3	SE	2–3	S	3	SE	2	SE	3	ESE	1–2	5
16	N	2–4	NE	2–4	NE	2	NNE	2–3	NE	1–3	NE	1–2	NE	2	E	1	E	2–3	ESE	4–5	ESE	4	E	3–4	5
17	N	2	N	0–1	N	0–1	N	1	NE	0–2	N	1	N	1–2	NE	1–2	ENE	1	ENE	1	ENE	0–1	E	0	2
18	NW	1	N	2	NNW	2	N	2–3	N	1	N	1	N	0–1	NW	0–1	N	0	Calm	0	Calm	0	SE	0–1	3
19	N	0–1	N	0–1	N	1	N	0	N	0	N	0	N	0–1	ENE	0–1	E	1	ESE	0–1	E	1	SE	1–2	2
20	E	0–1	ESE	2	ESE	2	ESE	2–3	E	2	ESE	3	ESE	3	ESE	3	E	2–3	E	2–3	SE	2–3	E	3	4
21	E	1–3	E	3–4	E	3	SE	3–4	E	3–4	E	3–4	E	3	E	2–4	E	2–4	E	4	E	4–5	ESE	5	5
22	NE	1–3	NE	1–3	N	1–3	N	1–2	N	1–2	N	1–2	NE	1–2	ENE	1	ESE	2	E	2–3	ESE	2–3	E	1–2	3
23	Calm	0	NNE	0	N	0–1	NNE	0–1	NNE	0–1	ESE	0–1	SE	0–1	E	0	Calm	0	ESE	0–1	ESE	1	SE	1	2
24	E	1	E	1	E	1	ESE	1–2	E	1–2	ESE	2	ESE	1–2	ESE	2–3	SE	3	ESE	2–3	ESE	2–3	ESE	3	6
25	ESE	6	SE	6–7	ESE	6–7	SE	6	ESE	5	SE	6	SE	5–6	SE	6	ESE	4–5	ESE	5–6	ESE	4–5	ESE	4–5	7
26	SE	4–5	SE	5	SE	4–5	SE	5	SE	4	ESE	4–5	ESE	5	ESE	4	ESE	3–4	ESE	4–5	ESE	4–5	ESE	5	7
27	ESE	5	SE	6	ESE	6	ESE	5–6	SE	6	SE	5–6	ESE	5–6	ESE	5	SE	5	E	3–4	ESE	2–4	E	3–5	6
28	ESE	3	E	1–3	E	2	E	2	E	2–3	ESE	2–3	E	2–3	E	2	E	1–2	E	2–3	E	2	E	2–3	3
29	Calm	0	NE	0–1	N	0	N	0–1	N	0–1	N	0	N	1	N	1–2	N	1–2	N	1–2	N	1–2	N	1	6
30	N	5–7	N	1–4	N	2–5	N	2–4	N	5–7	N	3–5	N	3–6	N	4–6	N	4–6	N	2–4	NE	2–4	Var.	1–2	7
MEAN		2·40		2·50		2·50		2·50		2·60		2·73		2·73		2·57		2·62		2·63		2·72		2·52	

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n	Force.	Dir'n.	Force.	Force
1	ENE	1	ENE	1	ENE	1–2	N	1	NNE	1	ENE	1–2	Calm	0	NE	1–2	E	0	Var.	0–1	Var.	0–1	Var.	0–1	1·1
2	ESE	3–4	SE	3–4	SE	4	ESE	4–5	E	5	ESE	5	ESE	5–6	SE	5	SE	5	SE	4–5	SE	5	SE	6	3·4
3	SE	3	SE	2–3	SE	2–3	SE	3	ESE	2–3	ESE	1	SE	2–3	SE	1–2	SE	1–2	SE	1	SE	1	ESE	1	3·3
4	NE	1–3	N	1–2	NE	1–2	N	1–2	N	1–2	NE	0–2	NE	2	Var.	1	NE	1	Calm	0	E	0	Calm	0	1·1
5	ESE	3–4	SE	2	ESE	3–4	SE	3	ESE	4	ESE	4	ESE	4	ESE	3–4	SE	4	SE	4	SE	5	SE	5	3·0
6	SE	4–5	ESE	5–6	ESE	5–6	ESE	5	SE	8	ESE	8–9	ESE	8	SE	8	SE	6	SE	6	SE	5–6	SE	4–5	6·5
7	SSE	2	SSE	3	S	2–3	SSE	3	SE	2–3	S	2–3	S	1–2	SSE	2–3	S	2	SSE	2	S	2–3	S	1–2	2·9
8	ESE	4	SSE	3	SSE	2–3	SSE	2	SE	2–3	SE	2–3	SE	1–2	SE	1–2	SE	2	SE	1	S	1	S	1	2·3
9	SSW	0–1	SW	1	SW	1	NW	1	NW	0–1	WNW	0–1	WNW	2–3	NNW	0–1	NW	1	NW	0–1	W	2	N	1–2	0·7
10	N	1–2	N	1–3	N	1–3	N	1–3	ENE	2	ENE	1–2	N	1–2	N	1–2	NNW	1	N	1	W	1–2	WNW	2	1·9
11	SSE	4–5	S	3–4	S	4–5	SSE	5	SSE	5	SE	5	SSE	4–5	S	4–5	S	4	S	3–4	S	3–4	S	4	3·3
12	SE	6–8	SSE	5–7	SE	4–6	S	4	SSE	5–6	SSE	3–4	SE	4–5	SW	2–3	SW	2–3	SW	2	SSW	2	S	2	5·2
13	SSW	1	S	1	SSW	0–1	SSW	1	SSW	1	WSW	1	SSE	0–1	SW	0	SW	1	SSW	1	S	1	S	1	1·7
14	SW	0–1	Calm	0	Var.	0–1	W	0–1	Calm	0	W	0–1	Var.	0–1	SW	0–1	SW	1	SW	1	SSW	1–2	S	1–2	0·4
15	NW	0	N	1	E	0–1	Calm	0	NE	1	NE	1–2	NE	1–2	N	2	NNW	2–3	N	1–3	NNE	3–5	NE	3–5	2·0
16	E	2–3	ESE	2–3	SE	1–2	Calm	0	E	0–1	Calm	0	NE	0–1	N	0–1	N	1–2	N	1	N	0–2	N	0–2	1·8
17	ENE	0–1	Calm	0	NE	0–1	Calm	0	Calm	0	Calm	0	Calm	0	N	0–1	Calm	0	Calm	0	SW	0–1	W	1	0·6
18	Calm	0	Calm	0	Var.	0–1	E	0–1	N	1	Calm	0	NW	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	0·5
19	SE	1	ENE	1	E	0–1	E	1	E	0–1	E	0–1	E	0–1	N	0–1	Calm	0	NE	0–1	NE	1–2	NE	1–2	0·7
20	E	2	SE	2–3	ESE	2	ESE	2–3	E	2–3	ESE	1	Var.	0–1	NNE	1–2	E	3	NE	2–3	E	2–4	E	2–4	2·3
21	E	5	E	3–4	E	2–3	ESE	3–4	ENE	2	E	0–1	ENE	0–1	NE	0–2	E	1–3	E	2–3	NE	1–3	ENE	2–4	2·9
22	ESE	0–2	ESE	1–2	E	2	E	0–1	ESE	1–2	ESE	2	E	1	Calm	0	Calm	0	Var.	0–1	N	0	Calm	0	1·3
23	ESE	2	SE	1	Calm	0	Calm	0	SSE	0	ESE	0–1	E	1	ESE	2	SE	1	Calm	0	Calm	0	NE	0	0·5
24	ESE	3	SE	3	ESE	3	E	2–3	ESE	3–4	SE	4	ESE	3–4	SE	3–4	SE	4–5	SE	5–6	SE	6	ESE	6	3·0
25	ESE	4	ESE	3–4	SE	2–3	E	3	ESE	4	ESE	2	ESE	3	SE	2	SE	1–2	SE	1	SE	2	ESE	4	4·1
26	ESE	5	SE	4–5	SE	5	ESE	4–5	ESE	5–6	ESE	6	SE	6	SE	5–6	SE	6	SE	6	SE	6–7	SE	5–6	5·0
27	ESE	3–4	ESE	3–4	E	3	ESE	4–5	E	4	E	4	E	3–4	E	3	NE	1–3	E	1–2	E	1–3	E	2–3	4·0
28	ESE	2	E	2–3	E	2	E	2–3	E	1	E	2	Var.	0–1	E	1	E	1–2	ENE	1–2	N	1–2	NE	0–1	1·9
29	N	2–3	N	2–3	N	1–3	N	2–4	N	2–3	NE	1–3	N	3–5	N	3–5	N	4–5	N	4–6	N	1–4	N	3–6	2·0
30	Var.	1–2	Var.	0–2	N	1–2	N	2	N	0–1	N	1	Var.	0–1	NE	1	E	0	N	0–2	N	2	N	1	2·5
MEAN		2·47		2·30		2·20		2·22		2·37		2·17		2·18		2·07		2·07		1·95		2·22		2·30	2·40

N 104. NNE 10. NE 41. ENE 18. E 99. ESE 114. SE 127. SSE 31. S 51. SSW 14. SW 14. WSW 4. W 6. WNW 4. NW 13. NNW 4. Calm or Var. 66.

WIND. DIRECTION AND FORCE (0 to 12). JULY 1888.

	1		2		3		4		5		6		7		8		9		10		11		12		Max.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	N	1-2	N	2	N	1-2	N	2	N	1-2	N	1	N	1-2	N	1-2	N	1	N	0-1	Calm	0	S	0-1	3
2	SSE	3	SSE	3	SSE	3	S	2-3	SE	2-3	SE	2-3	SE	3	SE	3	SE	3	SE	3-4	SE	4-5	SE	5-6	7
3	ESE	5-6	E	5-6	ESE	4-6	E	4	E	3-4	ENE	3	NE	1-3	ENE	1-3	E	1-2	E	0-2	Var.	0-1	E	0-1	6
4	E	1-2	NNE	0	NE	0	Calm	0	Calm	0	E	0-1	ESE	1-2	E	2	E	2-3	ESE	3	E	2-3	E	2-3	3
5	ESE	3	SE	3-4	ESE	3	ESE	2-3	E	2-3	E	2	E	2	E	2	ESE	2	E	1	E	1	E	1	4
6	Var.	0-1	N	1	NNE	1	N	1	N	0-1	N	1	N	0-1	Calm	0	N	0	Calm	0	NE	0	Calm	0	1
7	Calm	0	Calm	0	Calm	0	WNW	0-1	Calm	0	Calm	0	NW	0	WSW	0-1	S	0	W	1	Var.	0-1	SW	1	2
8	WSW	1-2	WSW	1-2	SW	2	WSW	1-2	SW	1	W	1	W	1	N	1	W	1	WNW	0-1	W	1-2	NW	0	2
9	WSW	1-2	WSW	1-2	WNW	0-2	NW	2-3	W	0-1	NW	1	NW	1-2	N	2-4	E	2-4	NE	2-3	ENE	1-3	N	3-4	5
10	NE	1-3	NE	1-3	NNE	2-4	N	2-4	N	1-2	N	2-3	N	1-3	N	1-3	N	1-2	Var.	1-2	N	1	NE	1-3	4
11	NE	1-3	N	2-3	Var.	0-2	N	1-2	ENE	1-2	ENE	1-2	ENE	1-2	NE	2-3	N	2-4	NE	0-2	NE	1-3	N	1-3	4
12	N	1-3	N	4	N	3	N	3-4	N	4	N	2-3	N	2-3	N	3	N	3-4	Var.	0-2	N	2-3	N	3	4
13	NNW	4	N	5	N	4	N	5	N	3	N	3-4	N	3-5	N	4-5	N	4-5	N	4-5	N	4-5	N	4	5
14	N	2	N	2	N	2	NNW	2	N	2	N	1-2	NNW	2	N	2	NNW	1	NW	0	Calm	0	Calm	0	2
15	SE	1	SSE	1	SSE	1	SE	0-1	SSE	0-1	SE	0	S	0	SE	1	SE	1	SE	0-1	SE	0-1	E	0-1	5
16	SE	4	SE	4-5	ESE	4-5	ESE	5	ESE	4-5	ESE	4-5	ESE	4-5	ESE	4-5	ESE	4-5	ESE	4-5	ESE	3-4	ESE	3-4	5
17	ESE	5	ESE	2-4	E	4	ESE	5	SE	2-3	E	2-3	E	2-3	E	2-3	E	2-3	E	1-2	Var.	0-1	E	2	7
18	E	3-5	E	3-4	E	4-6	E	4-5	E	4-5	E	4-5	ENE	3-5	E	5-6	NE	2-4	NE	2-4	NNE	2-3	Var.	0-1	6
19	ESE	1-2	SE	1	SE	2	Calm	0	Calm	0	Calm	0	Calm	0	ESE	0	ESE	0-1	ESE	1-2	ESE	0-1	E	0-1	4
20	SE	4	SSE	5	SSE	4	SE	5	ESE	3	SE	3-4	SE	3-4	SSE	4	SSE	2-3	SSE	1-2	SE	2	SE	2-3	5
21	SE	4-5	SE	4-5	SE	3	SE	3-4	S	3	SSE	1	SSE	1	S	0-1	SE	0	SSE	0-1	Calm	0	W	0	5
22	SSE	4	SE	4	SE	4	SE	3-4	ESE	3-4	ESE	3-4	E	4	ESE	4-5	E	4	ESE	3-4	ESE	4-5	SE	5	5
23	SSE	4-5	SE	3-5	SE	3-4	SE	4	SE	5-6	ESE	4-5	ESE	4	ESE	3-4	SE	3	ESE	3	SSE	3	S	2	6
24	S	2	S	2	S	2-3	S	2-3	SSE	2-3	SE	2	S	2	S	2	S	1-2	S	1	S	0-1	SW	0-1	3
25	SW	1-2	SW	1	SW	2	SSW	1-2	SSW	0-1	SSW	1	S	1	S	1	S	0-1	Calm	0	S	0-1	S	0	2
26	Calm	0	Calm	0	Calm	0	Calm	0	N	0-1	N	1	N	1	NNW	1	N	0	Calm	0	Calm	0	N	0	1
27	Calm	0	W	0	Calm	0	Calm	0	Calm	0	Calm	0	SSE	1	SSE	0-1	SE	2	SE	2	SSE	2	SSE	1-2	4
28	ESE	2	E	2	E	2-3	E	2-3	E	1-2	E	1	NE	1	N	0-1	E	1	E	1-2	Var.	0	E	0-1	3
29	E	2-3	ESE	2	ESE	2	ESE	2	ESE	3	ESE	2-3	ESE	3	ESE	3-4	ESE	3	ESE	3	E	2-3	E	2-3	4
30	E	3	ESE	3	ESE	2-3	Calm	0	E	0-1	E	2-3	E	2	E	2	NE	0-1	NE	1	N	1-2	NE	0-1	3
31	Calm	0	N	1-2	N	1-2	N	1-2	E	1	N	1-2	N	0-1	N	0-1	N	1	N	0-1	N	0-1	N	0	2
MEAN		2·37		2·44		2·37		2·34		1·95		1·90		1·94		2·13		1·87		1·60		1·52		1·53	

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Force.
1	SE	1	SE	1-2	S	1	SSE	1-2	SSE	1	S	1	S	1	SSE	1	S	1-2	S	1	S	2	SSE	2-3	1·3
2	SE	5	SE	4-5	SE	5-6	ESE	5	ESE	5-6	ESE	5-6	ESE	6	ESE	5-6	ESE	6-7	ESE	5-7	E	4-6	E	4-5	4·3
3	E	0-1	ENE	1	NE	1	N	0-1	E	1-2	E	2	E	2	E	0-1	E	0	E	0-1	NE	1	NE	1	1·9
4	E	2-3	ESE	1	SE	0-1	ESE	2	E	1	E	3	E	1-2	ESE	1-2	E	2-3	ESE	3	ESE	3	SE	3	1·7
5	E	0-1	E	0	Calm	0	E	0	N	0-1	N	0-1	NE	0	N	0-1	N	0	N	0-1	Calm	0	N	0	1·2
6	Calm	0	Calm	0	N	0-1	NE	0	NW	0	Calm	0	Calm	0	Calm	0	Calm	0	N	0	Calm	0	Calm	0	0·2
7	Calm	0	SW	0-1	W	1	W	0-2	Calm	0	W	0-1	Calm	0	NW	0	WNW	1	W	2	W	2	WSW	2	0·6
8	Var.	0	WSW	1	SW	1-2	SW	1	SSW	2	WSW	2	NW	2	W	1-2	W	2	W	1-2	W	2	WNW	1-2	1·3
9	N	2-4	NNE	1-3	NNE	2-3	NE	1-3	NE	1-3	NE	1-3	NE	1-3	N	1-4	N	2-5	N	1-4	NNE	1-4	Var.	0-1	2·1
10	N	1-2	N	1-3	Var.	1-2	E	1-3	Var.	0-2	Var.	0-2	Var.	0-1	E	1-2	NE	1-3	NE	2-3	NE	1-3	NE	1-3	1·8
11	NE	1-2	N	2-3	Var.	0-1	Var.	1	NNW	1-2	NE	1-2	NE	1-2	N	2-3	N	2-3	N	1-3	N	2-3	N	1-4	1·8
12	N	2-3	Var.	0-1	W	1	N	1	N	1	N	1-2	N	1-2	N	2	N	1-2	N	2	N	2-3	N	2	2·2
13	N	3-4	N	2-3	N	1-2	N	2-3	N	4	N	3-4	N	4	NNW	4	N	3-4	N	3	N	2-3	N	2-3	3·6
14	Calm	0	Calm	0	N	0-1	Calm	0	Calm	0	Calm	0	E	0-1	E	0-1	Calm	0	Calm	0	Calm	0	SE	0-1	0·8
15	E	0-1	E	0-1	ESE	1-2	SE	2-3	ESE	2-3	SE	3-4	SE	4	SE	4	SE	5	SE	5	SE	4-5	SE	5	1·9
16	ESE	3	ESE	3	ESE	2-4	E	1-2	E	2	E	1	ESE	4	ESE	4	ESE	4	ESE	3-4	ESE	4	ESE	4	3·7
17	NE	1-2	ESE	4	ESE	5	E	4-5	E	4	E	4-6	E	5-7	ESE	5-6	ESE	5	E	3	E	3	NE	2	3·4
18	Calm	0	N	0-1	N	1	Var.	0-1	N	0-1	NNE	0-1	NE	0-1	E	2	ESE	2-3	ESE	2	ESE	2	SE	2	2·4
19	Calm	0	S	0-1	S	1	SSE	0-1	S	0-1	S	1	SSE	1	SE	1-2	SE	1-2	SE	2	SE	3-4	SE	3-4	1·0
20	SE	3-4	SSE	2	SSE	2-3	SE	3	SSE	0	SSE	2	SE	3	SE	2-4	SE	2-3	SE	4	SE	4-5	SE	3	3·1
21	SW	0-1	SW	0-1	S	0	S	0-1	Calm	0	SSE	2	SSE	1-2	S	1	SSE	1	SE	1-2	SE	2-3	SE	3-4	1·5
22	SE	4-5	SE	3-4	SE	3-4	SE	3-4	SE	3	SE	3-4	SE	4	SE	5	SE	4-5	SE	4-5	SE	4	SE	4	4·0
23	S	1	S	2-3	S	1	SSW	1	SSW	2	SSW	2-3	S	2-3	S	2	S	1-2	S	2	SSE	2-3	S	2	2·8
24	Var.	0-1	SW	0	WSW	1	W	1	W	1-2	SW	1	WSW	2	WSW	1	WSW	0	WSW	1	Calm	0	SW	1	1·3
25	S	0-1	Calm	0	Calm	0	Calm	0	N	0	N	1	N	0	Calm	0	Calm	0	Calm	0	ESE	0-1	Calm	0	0·5
26	N	0	N	0	Calm	0	Var.	0-1	N	0	N	0	Calm	0	N	0-1	N	0-1	N	1	NNW	1	N	1	0·3
27	E	1-2	SE	0	SSE	0-1	ESE	1-2	E	1	E	3	ESE	3	SE	3	ESE	3-4	SE	4	ESE	2	ESE	3-4	1·5
28	E	0	Calm	0	E	1	N	0-1	NE	0	ENE	0-1	NE	0-1	E	1	E	1-2	E	1-2	E	1-2	ESE	2	1·1
29	ESE	2-3	ESE	2	ESE	2-3	SE	3	E	2-3	ESE	3	E	2-3	E	2-3	ESE	3	ESE	2-3	ESE	2-3	ESE	2-3	2·6
30	Calm	0	NNE	0-1	N	1	Var.	0-1	N	1	Var.	0-1	NE	1	N	1-2	NNE	2	N	2	NNE	1-3	E	0-1	1·3
31	Var.	0-1	N	0	SE	1	Var.	0-1	Var.	0-1	NW	0-1	Var.	0	NE	0-1	N	0-1	N	1-2	NNW	2	NW	2	0·8
MEAN		1·34		1·24		1·42		1·44		1·35		1·76		1·87		1·98		2·13		2·18		2·23		2·13	1·88

N 140. NNE 11. NE 40. ENE 9. E 101. ESE 93. SE 94. SSE 37. S 43. SSW 7. SW 15. WSW 14. W 20. WNW 5. NW 11. NNW 9. Calm or Var. 95.

WIND. DIRECTION AND FORCE (0 to 12). AUGUST 1888.

	1		2		3		4		5		6		7		8		9		10		11		12		Max.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	N	1-2	NNW	1-2	NNW	1-2	NNW	2	N	1	Var.	0	N	0-1	N	0	Calm	0	Calm	0	Calm	0	Var.	0-1	2
2	SW	1	SW	1-2	SW	1-2	SW	1	SW	1-2	SW	1	WSW	1-2	WSW	0-1	Calm	0	W	0-1	SSW	1-2	SW	1	3
3	SW	2	SSW	2-3	SW	3	SW	3-4	SW	2-3	SSW	3-4	SSW	3-4	S	3-4	SSW	3	S	2-4	SSW	4-5	SW	2-4	5
4	N	2	N	1-2	N	1-3	N	0-2	N	0-3	Var.	0	NW	0-1	Calm	0	NNW	0-1	WNW	0-1	Var.	0-1	NNW	1	4
5	NE	2-4	NE	1-3	NE	0-3	E	2-3	NNE	1-3	N	1-3	Var.	1-3	NE	1-3	NE	1-3	Var.	0-2	Var.	0-2	Var.	0-2	4
6	N	2	N	2-3	N	2	N	3	N	2-3	N	2-3	N	2	NW	2-3	WNW	2-3	W	1-2	W	1	SW	1	4
7	W	2-4	SW	3	SW	2-4	WSW	3-4	SW	2-3	W	1-3	WSW	2-3	WSW	2-4	W	2-4	W	2-3	W	1-3	WSW	3	4
8	WSW	1-4	W	2-4	W	2-5	NW	2-5	WNW	3	W	3	WNW	1-3	W	1-3	NW	2-3	WNW	2-4	NW	1-2	NW	1-2	5
9	NW	2	W	1-3	NW	2-4	WNW	2-3	WNW	2	WNW	1-2	WNW	1-2	NW	1-2	W	1-2	WNW	1	W	1	W	1-2	4
10	W	0-1	W	2	NNW	1	NNW	1	NNW	1	N	0-1	N	1	Calm	0	ESE	1-2	SE	2-3	SE	1-2	ESE	2	4
11	SE	3-4	SE	3	SE	3	SE	3	SE	2-3	ESE	3	SE	3	SE	3-4	SE	3-4	ESE	3-4	SE	3-4	ESE	3-4	5
12	SSE	4	SSE	4	SSE	5	S	4-5	SE	3	SE	3-4	SE	3-5	SE	4	SSE	3-4	S	3	S	2	S	3	5
13	SE	1	N	0-1	N	1	N	2	N	3	N	2-3	NNE	1	N	0-1	N	1-2	E	1-3	N	1-2	Var.	0-1	7
14	N	1-4	N	2-4	NNE	3-6	N	2-4	NNE	3-5	N	1-4	N	2-4	N	3-4	N	1-3	NNE	2-3	NE	1-3	E	0-1	6
15	N	2-3	N	3	N	1-3	N	2-3	N	1-2	N	2-3	N	2	NNE	1	N	0-1	N	1-2	N	1	Calm	0	3
16	NNW	1	N	1	N	2	N	1	N	0-1	N	0-1	N	0-1	N	0	N	0-1	N	0	Calm	0	SSE	0-1	2
17	N	1	N	1	NNW	1-2	N	2-3	NNW	3	N	2-3	N	2-3	N	0-1	N	0-1	Calm	0	Calm	0	ESE	0	3
18	W	1	W	1-2	WNW	1	NNW	1	N	1-2	N	2-3	NNW	2-3	N	1-2	Calm	0	Calm	0	SSE	0-1	S	0	3
19	S	1-2	S	1-2	SSW	1-2	S	1	SSW	1	SSW	1	S	2	S	1-2	SSE	2-3	SSE	3	SSE	3	SSE	3	8
20	SE	7	SE	6-7	SE	7-8	SE	6-7	SE	6	SE	5-6	SE	4-5	SE	4	ESE	3-4	ESE	3-4	ESE	3	SE	4	8
21	SE	3	SE	3-4	SE	3	SE	3	SE	1-2	SSE	1	SE	1-2	SE	2	SE	1	SE	1	SSE	1-2	SE	1	4
22	N	0-1	NNW	1-2	N	1	NNW	2	ESE	0-1	N	1	E	0-1	ESE	2-3	N	0-1	Var.	0-1	W	0-1	Var.	0	3
23	SSW	2	S	2-3	S	3-4	SSE	4	S	3-4	SSE	4	SSE	5-6	SSE	5-6	SSE	5-6	SSE	4-5	S	4-5	SSW	4	10
24	SW	4-7	SW	5-8	SW	4-7	SW	2-5	SW	2-3	SSW	1-3	W	0-1	SSW	1-2	SSW	1-2	S	3	SW	2	S	3	8
25	S	2-3	S	2-3	S	2-3	S	2-3	SSE	2-3	SSE	3	SSE	2	SSW	2	SSW	1-3	S	2	S	1-2	S	0-1	4
26	SW	2-4	SW	3-4	SW	3-4	S	3-5	S	2-3	SW	3	SW	3	W	0-2	W	0-3	W	1-2	W	4	NW	1-3	5
27	SW	3-6	SSW	3-6	SW	3-5	WSW	3-4	W	3-4	WSW	1-4	W	0-1	W	0-1	NW	0-2	SW	0-4	W	0-3	WNW	1-3	6
28	W	1-3	W	2-4	W	2-3	W	2-4	W	1-3	NW	0-3	W	0-3	WSW	3	NW	0	WSW	0-2	W	0-3	WNW	0-1	4
29	WNW	1	Var.	0-1	N	0-1	Var.	0-1	N	0-2	W	0	NNW	0-1	W	1	NW	3	WNW	2	NW	0-1	NW	2	3
30	WSW	1-2	SW	1-2	SW	1-2	WSW	1	W	0-1	SW	1	WNW	0-1	W	1-2	NW	0	NW	0	Calm	0	N	0-1	3
31	N	2-3	NNE	2-4	N	2-4	N	2-4	N	2-4	N	3-4	N	3-4	N	1-2	N	2-3	N	0-1	NW	0-1	NE	0-1	4
MEAN		2·34		2·55		2·63		2·60		2·21		2·08		1·98		1·84		1·71		1·70		1·58		1·50	

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Force.
1	Var.	0-1	W	1	Calm	0	Var.	0-1	W	1-2	N	0-1	NE	0	NE	0	Var.	0-1	Calm	0	Calm	0	SW	0	0·5
2	W	2	WSW	1	SSW	2	SW	1	SW	1	SW	2	SW	1	SW	2	SSW	2-3	SW	3	SW	3	SW	1-3	1·5
3	SW	2-5	W	3-5	WSW	2-3	WNW	1-2	NNW	1	NNW	1-2	N	1-2	NNE	1	NE	0-2	NE	2	N	0-1	WSW	1-2	2·5
4	NW	1	N	0-1	NE	0-1	Var.	0-2	N	1-2	E	0-1	N	1	Var.	0-1	NE	1-3	N	2-4	NNE	3-4	NNE	2-4	1·2
5	Var.	0-1	N	1-2	NE	1-2	NE	1-2	Var.	0-2	NE	1-2	Var.	0-2	NNE	2-3	NE	2-3	N	4	NNE	3-4	N	1-3	1·9
6	SSW	1-2	SW	1-2	SSW	1	SW	1	SW	2	W	2	W	2-3	WSW	2-3	WSW	3	SW	3	WSW	3-4	WSW	2-4	2·1
7	WNW	1-3	W	1-3	W	1-3	WSW	1-3	W	2-3	W	1-3	WNW	1-2	WNW	3	N	2-3	NW	2-3	NW	2-4	W	2-4	2·5
8	WNW	2-4	WNW	2-3	W	1-4	NW	2-4	W	2-3	NW	1-3	N	2-3	W	1-3	WNW	2-4	W	3-5	NW	2-3	WNW	2-3	2·6
9	W	1-2	W	1-2	SW	1-2	WNW	1	W	0-1	NW	0	W	0-1	WNW	1	NW	1	W	2	W	0-1	Calm	0	1·3
10	ESE	1	SE	2-3	SE	1-2	ESE	2	ESE	1-2	E	2	ESE	2-3	ESE	3-4	ESE	3-4	SE	4	SE	4	SE	4	1·9
11	ESE	4	SE	3	SE	4-5	SE	4	SE	4	SE	4	SE	4	SE	4-5	SE	4-5	SE	5	SE	5	SSE	4-5	3·7
12	SW	1-2	S	2	SSW	2	WSW	0-1	SSW	1-2	S	1	SSE	2-3	SSE	3-4	S	3-4	SE	3	SSE	3	SE	2-3	2·9
13	Var.	0-1	NE	0-2	N	2-3	N	2-4	N	5	N	3-4	NE	3-4	N	2	N	3-4	NNE	3-6	NNE	4-7	NNE	3-5	2·3
14	E	0-1	Var.	0-1	N	2	NW	1-3	N	1-2	Var.	0-1	N	1-2	NW	2-3	NNW	2-3	N	1-3	N	1-3	N	3	2·2
15	Calm	0	Var.	0	N	0-1	Calm	0	Var.	0	Calm	0	Calm	0	S	0	Calm	0	Calm	0	Calm	0	N	0	0·9
16	S	0-1	SSE	1-2	SSE	1-2	S	0-1	Var.	0	S	0-1	Calm	0	Calm	0	Calm	0	N	0-1	N	0	N	0-1	0·5
17	ESE	0-1	SSE	1-2	SE	1-2	S	0-1	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	W	0-1	0·8
18	SSE	1	S	0	SSW	1	SW	0	S	0-1	Calm	0	Calm	0	Calm	0	Var.	0	S	0-1	SSW	1	S	1-2	0·8
19	SSE	3	SE	4	SE	4	SSE	3	SSE	3-4	SSE	4-5	SE	5-6	SE	5	SE	5	SE	6	SE	6	SE	7-8	3·3
20	SSE	4	SE	4-5	SE	4	SSE	3-4	SE	3	SE	3-4	ESE	3-4	SE	3-4	SE	3	SE	3-4	SE	3-4	SE	3-4	4·4
21	S	0-1	SSE	0	S	0	Calm	0	WSW	0-1	Calm	0	W	0-1	Calm	0	N	1	N	0-1	N	1	NW	1	1·2
22	N	0-1	N	0-1	NNW	1	WNW	0-2	W	0-1	WNW	0-2	NW	1	WNW	1-2	NW	1-2	NW	1	NW	1-2	WSW	1-2	1·0
23	S	4	Var.	1-2	SSE	3-5	SE	5-7	S	7-8	S	7-8	SSE	8-9	SE	8-10	SSE	9	SSE	6-8	SE	5-8	S	6-7	5·2
24	S	3	S	3-4	S	2-3	S	1-2	S	3	S	4	S	4	S	4	SSE	5	S	1-2	S	3-4	S	3	3·1
25	S	1	S	3-4	W	2	SSW	1-2	W	0-1	SSW	1-2	S	2	S	2-3	S	2-3	S	3	S	3-4	S	4	2·2
26	N	0-4	WNW	2-4	NW	1-3	W	1-3	NW	3	NW	0-2	SW	0-3	WSW	2-4	W	2-4	W	3-4	W	2-5	W	3-5	2·7
27	WNW	3	WNW	1-3	W	2-4	W	2-3	WNW	3	WNW	0-2	NW	0-2	WSW	2-3	W	2-4	NW	2-3	NW	1-3	WNW	2-3	2·4
28	WSW	0-1	SW	2-3	SW	2-3	NW	2-3	NW	2-3	WNW	0-1	W	0-1	Calm	0	NW	0	NW	0	WNW	1	N	0-1	1·4
29	NW	2	W	2-3	W	0-1	NW	0-1	NW	0-1	NW	1	WNW	3	NW	1-2	NW	1-2	W	1-2	W	1	W	1	1·2
30	N	0-3	Var.	0-1	Calm	0	NE	0-3	E	1-2	NE	2	N	3	N	2-3	N	1-3	N	1-2	N	1-2	N	3	1·2
31	E	0-1	N	1	Var.	0-1	Var.	0-1	N	0-1	NW	0-1	N	1-2	WSW	2-3	WSW	2-3	SW	2-3	SW	2-3	SW	3-4	1·9
MEAN		1·63		1·62		1·82		1·65		1·84		1·66		1·97		2·19		2·40		2·48		2·50		2·55	2·05

N 125 NNE 15. NE 21. ENE 0. E 9. ESE 20. SE 73. SSE 41. S 64. SSW 27. SW 56. WSW 29. W 81. WNW 38. NW 51. NNW 20. Calm or Var. 74.

WIND. DIRECTION AND FORCE (0 to 12). SEPTEMBER 1888.

	1		2		3		4		5		6		7		8		9		10		11		12		Max.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	SW	3-4	SSW	3-4	SW	3-4	SW	2-4	SW	4-5	SW	5	SW	5	SW	5	SW	5	WSW	4-5	SW	5	W	4-5	5
2	W	0-2	NW	0-2	W	1-2	NW	0-2	Var.	1-3	SW	0-1	E	0-1	N	0-1	N	0-1	N	0	NE	0-1	NW	0	3
3	S	0-1	SW	1	S	0-1	WSW	0-1	WSW	0-1	SW	0-1	SW	0-1	SSW	1-2	SW	1-2	SW	0-1	SW	1-2	SW	1-3	5
4	W	2-4	WSW	2-5	W	0-1	NW	1	NNW	0-1	NW	0-1	NW	1	NW	0-1	W	2	NW	2	NW	1	NW	1	5
5	SW	3	SSW	3-4	SSW	4	SW	4-5	SW	1-4	WSW	1-4	W	1-2	W	4-5	W	0-1	WNW	0-2	WSW	3-4	W	0-2	5
6	WSW	2-4	W	2	W	1-4	W	2-6	SW	2-6	WSW	3-6	SW	3-6	SW	5-6	WSW	1-5	WSW	1-4	W	2-5	WSW	1-3	6
7	NE	1-3	N	1-2	Var.	0-1	NE	1-2	N	0-1	NE	0-1	NE	0-1	Var.	0-1	E	0-1	E	0-1	E	0-1	E	0-1	3
8	N	0-1	N	1	N	1	N	1	N	0-1	N	1-2	N	1-2	N	0-1	N	0	N	0	N	0-1	E	0	2
9	WSW	1	WSW	1	W	1	NNW	0-1	Calm	0	NW	0-1	E	0	E	0	Calm	0	E	0	SE	0-1	E	0-1	3
10	S	2	SSW	2	WSW	1	W	1	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	SSE	0-1	3
11	N	3	N	3	N	3-4	N	3-4	N	1-3	NNE	1-2	N	3-4	NNE	1-2	N	0-2	N	0-1	NNE	0-1	N	1-3	5
12	Calm	0	W	1	NE	0-1	Var.	0-2	N	0-1	NW	0-1	NW	0-2	NW	0-2	NW	0-1	WNW	1-2	WNW	1-2	W	0-1	3
13	W	1	W	1	W	1-2	WSW	1-2	W	0-1	SW	1-3	WSW	0-1	WSW	0-1	SW	0-1	SSW	0-1	S	1-2	S	1-2	5
14	S	4	S	5	S	4	SSE	4	SSE	5	S	5	SSE	5-6	SE	5-6	SE	5-6	SSE	5-6	SSE	5-6	SE	2-4	6
15	S	4-5	S	5	S	4	S	4	S	5	S	1-4	S	4-5	S	4-5	S	4-5	S	4-5	S	3-4	SSW	2-3	5
16	NE	0-1	N	0-2	NNE	2	N	1-2	N	2-3	N	1-2	NW	3	NW	1-2	NW	3	NW	3	NW	4-5	WNW	2-3	5
17	SW	2-3	S	2-3	SW	1-3	SW	1-4	SW	3-4	SW	4	SW	4-5	SW	4-5	SW	4-5	SW	4-5	SW	4-5	SW	3-4	5
18	W	2	W	2-3	W	2-3	W	2-3	W	0-1	SW	1-2	SW	1-2	WSW	0-1	W	0-1	W	0-1	Calm	0	Calm	0	3
19	SSW	1-2	SSW	1-2	SSW	2	S	1	S	0-1	SSE	1-2	SSE	1-2	SSE	2-3	SSE	3	SSE	4	S	4	S	3	4
20	S	3	SSE	3	S	3	S	3	S	4	S	4	S	4	S	3-4	S	3-4	S	4	S	3-4	S	2-3	4
21	SW	2-3	SW	2-3	SW	3	SW	2-3	SW	3	W	2-3	W	2-3	W	2	W	3	WNW	1-2	WNW	1-2	NW	1-2	3
22	S	3-4	S	4	SSW	3-4	SSW	3-4	SSW	3-4	SSW	4	SW	3	SW	2-3	SW	3	SW	4	SW	2-3	SW	3	4
23	NW	1	SW	1	SW	1-2	SSW	1-2	S	2	S	1-2	S	1	SSW	0	SSW	0	SSW	0	SSW	0	SSW	0-1	3
24	SE	2-3	SE	2-3	SE	2	SE	2-3	SE	1-2	SE	1-2	SE	0-1	SE	0-1	Calm	0	E	0-1	ESE	0-1	Calm	0	3
25	ESE	2	SE	2-3	ESE	2-3	ESE	2	ESE	0-1	E	0-1	Calm	0	E	0-1	Calm	0	E	0-1	E	1-2	SE	1-2	3
26	SE	2	SE	1-2	SE	2	SE	1-2	S	0-1	SSE	2-3	ESE	2-3	SE	2-3	SE	4	SSE	3-4	SSE	3-4	SSE	3	5
27	SSW	3	SSW	2-3	SSW	3	SSW	2-3	SSW	2-3	SW	1-2	SW	0-1	SW	0-1	W	0-1	SW	0-1	WSW	0-1	WSW	0-1	3
28	SE	1	SE	2	SE	2	SE	2-3	SSE	2	S	2	S	0-1	SSE	0-1	SSE	1	SE	2	SSE	2	SSE	3	3
29	NNW	2	NNW	1-2	N	2	N	3	N	3-4	N	2-3	N	2-3	ENE	1-3	N	3-4	N	0-1	N	0-1	Var.	0-1	4
30	N	0-3	NE	1-3	N	0-2	N	1-3	N	3-4	N	1-2	N	1-3	N	1-5	N	2-4	N	4-5	N	3-4	NNE	2-5	5
MEAN		2·08		2·25		2·12		2·20		2·05		2·00		1·98		1·93		1·92		1·90		2·05		1·67	

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Force.
1	W	4-5	W	2	NNW	2-3	NW	2-3	W	1-4	W	1-4	WNW	1-2	W	2-3	W	2-3	NW	1-3	NW	1-2	NW	0-2	3·3
2	N	0-1	Calm	0	Calm	0	Calm	0	NE	0	NE	0	NE	0	S	0	Calm	0	SSE	0	S	0	S	0-1	0·4
3	SW	2-3	W	1	WSW	2	W	2	SW	2-3	SW	2-3	SW	2-4	SSW	3	SW	2-3	SW	3-5	SW	3-5	SW	3-5	1·8
4	W	0	NW	0-1	NNW	1	NW	1	WNW	0-1	W	0-2	WSW	2-3	WSW	3	WSW	3	W	3-4	SW	4	WSW	2-3	1·6
5	W	3-4	WNW	1	WSW	2	W	2-3	NNW	1-2	NW	2-5	W	3-5	W	3	W	2	WSW	2-4	W	2-3	Var.	0-1	2·5
6	SW	2-5	W	0-4	NW	1-2	Var.	0-2	Var.	0-2	NW	1-3	NE	1-4	N	1-4	N	1-3	N	2-4	N	1-3	N	2-4	2·8
7	NNE	0-2	N	1-2	N	1	N	1-2	N	0-1	N	1-2	Var.	0-1	Var.	0-1	NE	0-1	E	1-2	N	0-1	ENE	0-1	0·9
8	SE	0-1	S	1	S	0-1	S	0-1	S	0	S	0	S	0	Calm	0	Calm	0	NW	0	W	1	WSW	1	0·5
9	SE	1	SSE	1	SE	2	SE	1	SE	1-2	SE	2-3	SSE	2-3	E	1	SE	2	SSE	2-3	SSE	2-3	S	2	1·1
10	SSE	0-1	SSE	2	N	0-1	Calm	0	Calm	0	Calm	0	W	0-1	NW	0-1	NW	1	N	1-2	NNW	2	N	2-3	0·7
11	NNE	1-2	N	3-5	NE	0-1	NE	0-1	NNW	1-2	N	1-2	N	0-1	N	0-2	N	1-2	N	1-2	N	1-2	N	1-2	1·8
12	W	1-2	W	2-3	WSW	1-2	W	2-3	SW	2-3	SW	0-1	W	0-1	WSW	2-3	W	2	WNW	1-2	W	2	W	1	1·2
13	S	2-3	S	3	SSE	3	SSE	3	SSE	2-3	S	3-4	S	4-5	S	3-4	S	4	S	4-5	S	5	S	4-5	2·3
14	SSE	4	SE	3-4	SSE	2-3	SE	5	SE	4-5	SE	5-6	SE	5	SSE	5	SSE	6	S	5-6	SSE	5	S	4-5	4·7
15	SSW	2-3	WSW	3	S	3	SW	2-3	SW	1-2	SW	1-2	WNW	0-1	WNW	1	NW	2	N	1-2	NNE	0-1	N	0-1	2·9
16	WNW	1-3	W	2-3	W	3	W	4	W	3-4	W	3-4	W	3-4	W	3	SW	2-3	WSW	2-3	W	3	W	2-3	2·6
17	WSW	4-5	WSW	4-5	W	2-3	W	3-4	W	1-2	NW	2-3	NW	2-3	NW	3-4	NW	2-3	WNW	2	WNW	1-2	NW	2-3	3·2
18	W	0-1	WNW	0-1	Calm	0	W	1	W	0-1	WSW	0-1	W	0-1	SW	1	W	1-2	SW	1	SSW	1	SSW	1	1·0
19	S	3	SE	3	SSE	3	S	3-4	S	1-2	S	2-3	S	1-2	SSE	2-3	SSE	2-3	SSE	2	S	2-3	S	2-3	2·3
20	S	3-4	SSE	3	S	2-3	S	2-3	S	3	S	3-4	S	4	S	2-3	S	2-3	S	2-3	S	2-3	SW	2-3	3·1
21	NW	1-2	NW	0-1	NW	0	W	1	SW	0-1	SW	0-1	SW	0-1	SW	1	SW	0-1	S	1-2	S	2	S	2-3	1·7
22	WSW	4	WSW	3	WSW	3	W	3	W	3-4	W	3-4	W	3	NW	3	NW	3-4	NW	3	NW	2-3	NW	1-2	3·2
23	SSW	0-1	SSW	1-2	SW	2	SW	1	W	0-1	W	0	Calm	0	Calm	0	Calm	0	SE	1	SE	2	SE	2-3	0·9
24	E	0-1	ESE	1-2	ESE	1	Calm	0	Calm	0	Calm	0	SE	0-1	E	0-1	Var.	0-1	E	0	NE	0	ESE	2	0·9
25	SE	2-3	SE	2	SE	2-3	SE	2-3	SE	3	SE	3	SE	2-3	SE	1-2	SE	1-2	SE	1	SE	2-3	SE	1-2	1·7
26	SSE	4-5	S	3-5	SE	1-2	SE	2-3	SSE	2-3	SSE	1-2	SSE	1	SSE	2-3	S	2-3	SSW	2-3	SSW	2-3	SSW	3	2·5
27	W	0-1	SW	0-1	W	0	SW	0-1	Calm	0	Calm	0	Calm	0	SE	1	Calm	0	SE	1	SE	1	SSE	2	1·0
28	SSE	3	S	2	S	2	S	2	S	2	SSW	1	SW	0-1	W	1	NNW	1-2	NW	1-2	NNW	1-2	NW	2	1·7
29	ENE	2-3	NE	2-3	NE	2-3	NE	1-3	NE	0-3	NNW	1-3	NE	1-3	N	2-3	N	3-4	NE	1-3	NE	1-3	N	1-3	2·4
30	N	3-4	N	1-3	N	2-4	N	1-3	N	2-4	N	2-5	N	3-4	NE	1-3	NE	1-3	NE	1-3	NNE	2-3	NE	2-3	2·6
MEAN		2·20		2·03		1·73		1·88		1·63		1·85		1·78		1·88		1·93		2·03		2·10		2·07	1·97

N 83. NNE 9. NE 27. ENE 3. E 20. ESE 9. SE 59. SSE 48. S 92. SSW 35. SW 84. WSW 38. W 88. WNW 16. NW 50. NNW 12. Calm or Var. 47.

WIND. DIRECTION AND FORCE (0 to 12). OCTOBER 1888.

	1		2		3		4		5		6		7		8		9		10		11		12		Max.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n	Force.	
1	N	1-3	NNE	2-3	N	1-3	NE	1-2	N	2-3	Calm	0	Calm	0	Calm	0	NE	1-2	N	2-3	N	2-3	N	2-3	4
2	NNE	4	NNE	2-4	NNE	3-4	NE	3-4	N	2-5	NE	1-4	N	3-5	N	3-5	NNE	2-3	NNE	2-3	NNE	1-2	N	2-3	7
3	NNE	4-5	N	3-5	NNE	4-5	N	3-5	N	2-3	N	2-3	N	2-3	N	3-4	N	3-4	N	4-5	N	2-3	Calm	0	5
4	ENE	1-2	Var.	1-2	N	1-2	NW	2-3	W	1-3	N	2-3	N	3-4	ENE	2-3	SE	2-3	N	4-5	N	0-1	Var.	2-3	6
5	NNE	4-6	N	3-5	NE	3-5	NE	3-6	Var.	2-3	NNE	4-5	N	4-5	N	4-5	N	4-5	N	4-5	NE	3-5	NNE	3-5	6
6	NE	1-3	NNE	1-2	N	2-3	ENE	1-2	N	1-3	N	2-4	N	0-1	N	1-3	N	1-3	N	1-3	N	0-2	NNE	0-2	5
7	NNE	3-5	NNE	4-5	N	2-5	NE	3-5	N	2-4	N	3-5	N	2-3	N	2-4	N	2-4	N	2-3	N	2-3	N	1-2	5
8	NNW	1-3	N	3	NE	2-3	N	3	N	3	N	3	N	3	N	2-3	N	3	N	2-3	N	2-3	N	2-3	3
9	WSW	2	W	1-2	WSW	2	W	2	SW	1-2	SW	2	S	1-2	NW	0-1	NNW	1	NNW	0-1	N	0-1	Calm	0	2
10	N	2	N	1	N	1	NNE	1	N	0-1	N	1	N	1-2	N	2	N	0-1	NNW	2	N	1-2	Var.	0-1	2
11	N	0-1	N	1-2	N	1-2	N	2-3	N	2-4	N	2-4	N	3-4	N	3-4	N	3-4	N	3-4	N	2-4	WNW	3	5
12	NNW	2-4	NNW	1-4	N	2-3	N	2-3	NW	2-3	Var.	2-3	N	2-3	N	2-4	N	1-3	NE	1-3	N	2-4	NE	2-3	6
13	N	2-4	NNE	2-4	N	2-5	NE	3-5	N	2-4	NNE	3-5	NNE	3-4	N	2-4	NE	2-4	NE	2-3	N	1-3	N	2-3	5
14	NNE	2-3	N	3-4	NE	2-4	NNE	2-3	N	3-4	N	3-4	N	3-4	N	3-4	N	2-3	N	2-3	N	2-3	NNE	2-3	4
15	N	2-3	NNE	3	N	1-3	N	2-3	Var.	1-2	N	2	N	1-2	N	2	N	1-2	N	0-1	N	1	NW	0-1	3
16	W	2	W	2	W	1	W	1	W	0-1	W	1	WSW	1-2	W	1	NW	0-1	NW	0-1	W	1	W	1	3
17	N	0-1	N	1	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	ESE	1	ESE	1	ESE	2	ESE	3	SSE	2-3	5
18	SE	5	SSE	4	SSE	5-6	SE	6	SSE	3-4	SSE	4	SE	5	SSE	5	SSE	4-6	SSE	5-6	SE	3-5	S	3	6
19	S	4-5	S	4	S	4-5	S	4-5	S	4-6	S	5-7	S	6-7	SSW	6	S	5	S	5	S	5-6	S	4-6	7
20	W	3-4	NW	3-4	NNW	3	N	2-3	N	0-1	N	0	N	1	N	0-1	E	0-1	ESE	2	ESE	2	E	1	4
21	N	0	NW	1	NNW	0-1	WNW	1	W	0-1	WNW	0-1	Calm	0	Calm	0	SW	0	S	1	S	1	S	0-1	1
22	W	1	W	1	W	0-1	SW	1	SW	1	SW	1-2	SW	1-2	SW	2	SW	2-3	SW	2	SW	2	WSW	3	4
23	W	4	W	4	WNW	4-5	W	4-5	W	4	WNW	2-3	N	0-2	W	2	W	2	WSW	1-2	WSW	2	WSW	1-2	5
24	SW	3	SW	3	WSW	3	WSW	3	W	1-3	W	1-3	SW	2-3	WSW	1	SW	1-2	SW	2-3	SW	1-3	W	2-3	4
25	SW	2-3	WSW	2-3	SW	2-3	SSW	2-4	SSW	2-5	SSW	1-4	SSW	1-5	SW	2-4	SW	0-5	SW	3-5	SSW	1-5	SW	0-4	5
26	SSW	2-4	SW	1-4	SW	3-5	SW	4-6	SW	1-5	W	2-5	W	1-5	W	1-5	SW	3-5	WSW	1-4	SW	1-3	SW	1-3	6
27	WSW	3-6	WSW	3-7	WSW	3-6	WSW	3-6	WSW	0-6	WSW	1-5	SW	3-6	SW	3-6	SW	3-6	SW	3-7	SW	3-6	SW	4-7	7
28	SW	3-6	SW	3-7	WSW	4-6	SW	4-7	SSW	4-7	SW	0-7	SW	2-6	SW	2-4	SW	1-4	SW	2-5	SW	3-6	SW	0-6	7
29	NW	1-3	NW	1-4	NNW	1-3	NW	2-4	W	1-4	W	0-2	W	1-5	W	1-3	W	0-4	WNW	0-2	W	3	W	0-2	5
30	WSW	3	W	2-3	SW	3	WSW	2	SW	3	SW	3-5	SW	2	S	1-4	SW	1-5	SW	2	SW	0-2	WSW	1-3	5
31	W	2-3	WSW	3	W	3-4	WSW	3-5	SW	4-5	SW	1-4	SSW	3	Var.	0-1	N	0-3	Var.	0-2	N	0-3	N	0-2	5
MEAN		2·77		2·79		2·79		2·97		2·53		2·50		2·56		2·47		2·40		2·58		2·34		2·08	

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Force.
1	Calm	0	Var.	1	N	1-3	NE	1-3	N	1-2	Var.	0-1	N	1-4	N	2-3	N	3-4	N	4	NNE	2-3	NNE	2-4	1·9
2	NNE	1-2	N	1-3	NNE	3-5	NNE	3-5	N	2-6	NE	6-7	NNE	3-5	NE	2-4	NE	3-4	NNE	3-4	N	4	NNE	3-5	3·4
3	Calm	0	N	1-2	N	2	N	2	NNW	1-2	NNW	0-1	NNW	0-1	N	0-1	N	0	N	1-2	NNE	1-2	ENE	0-2	2·1
4	N	3-4	N	2-4	NE	1-4	NNW	5	NNW	4-5	N	1-3	N	4-5	N	3-5	NE	2-4	NE	3-5	NE	3-6	N	2-5	3·0
5	NE	2-4	Var.	1-3	N	1-3	ENE	1-3	N	1-3	N	1-3	N	2-4	NNE	2-3	NNE	3	NE	1-3	NNE	0-3	Var.	1-2	3·2
6	NNW	0-1	ENE	1-2	E	0-2	NNE	2-3	N	3-5	N	4-5	N	3-5	N	3-4	NE	1-3	NNE	2-3	NNE	3-5	NNE	3-5	2·3
7	N	2	N	2-4	N	3	N	4	N	3	N	2-3	N	4	N	4	N	4-5	NNE	4-5	N	3	N	3	3·3
8	NNW	1	NW	1-2	W	1-2	WSW	1	W	1-2	NW	1	NW	1	NW	1-2	NW	1	NW	1-2	WSW	2	WSW	2	2·0
9	N	0-1	N	0	N	0-1	N	0-1	N	1	Calm	0	NNE	1-2	Calm	0	N	0-1	N	1	N	1-2	N	2	1·0
10	N	0-1	N	1	N	0-2	N	1	N	1-2	Calm	0	N	0-1	Calm	0	Calm	0	Calm	0	Calm	0	N	0-1	0·9
11	W	4-5	W	3	W	3-4	NW	3	NW	3-4	WNW	3	NW	3	NW	2-4	NW	3-4	NNW	3-5	NNW	2-5	N	1-4	3·0
12	Var.	1-3	N	1-3	NNW	2-3	N	1-3	N	2-4	NE	3-4	N	4-6	N	3-5	N	3-5	N	2-4	N	4-6	N	2-4	2·9
13	N	2-3	N	1-2	Var.	1	Var.	1	Calm	0	Var.	0-2	Var.	0-1	N	3	N	3	N	1-3	NE	2-3	NE	1-3	2·4
14	NNW	3	N	3	N	2-3	NW	0-2	NW	1-3	N	2-3	N	1-2	W	1-2	N	2	NW	2-3	NW	2	NW	2	2·5
15	N	1-2	NW	1-2	NW	1-2	NW	1-2	WNW	1	WNW	1	NW	0-1	NW	1	NW	0-1	NW	0-1	W	2	W	2	1·5
16	W	1	WSW	2	WSW	2	SW	2-3	W	0-1	Calm	0	N	1	NNW	1	N	0-1	N	1	N	2	N	1	1·1
17	SE	3	SE	3	SSE	2-3	SSE	4	S	4	S	4-5	S	1-3	S	4	S	3-4	S	3-4	SSE	4-5	SE	5	2·3
18	S	2-4	S	4	S	4	S	3-4	SSE	4-5	S	4	S	4	S	3	S	4-5	S	4-5	S	4-5	S	5	4·3
19	SSW	4	SW	2-4	SW	4	SW	3	SW	3-4	SW	2-3	SSW	1-3	SW	2-3	SW	2-3	WSW	3	WSW	3-4	W	3-4	4·1
20	ESE	1-2	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	SE	0	Calm	0	Calm	0	Calm	0	N	0	N	0-1	0·9
21	SW	0	W	0	W	0-1	Calm	0	Calm	0	W	0	SSW	0-1	Calm	0	Calm	0	W	0	W	0	W	0-1	0·3
22	WSW	3	WSW	3	W	3-4	W	3-4	W	4	W	4	W	4	W	3-4	W	4	W	4	W	4	W	4	2·6
23	W	3	SW	3-4	SW	3	SW	2-3	SW	3	SW	3	SW	3	WSW	3-4	SW	3-4	SW	3-4	WSW	3	W	2-3	2·9
24	W	2-3	W	2-3	WSW	1-3	W	2	SW	2-4	SW	2-3	W	2-3	W	1-3	W	1-3	WNW	1-3	NW	0-3	W	1-3	2·3
25	SSW	1-5	SW	2-4	SSW	3-4	SW	2-4	SW	3-5	SW	0-3	SW	1-5	SW	2-5	SW	3-5	SW	2-4	SW	1-4	SW	2-4	3·0
26	SW	1-5	SW	1-4	SSW	2-3	SW	2-5	SW	1-5	SSW	0-5	SW	2-5	SSW	3-5	SW	2-5	SW	3-5	SW	2-6	SW	2-6	3·2
27	SW	4-7	SW	3-6	SW	3-5	SW	3-6	SW	3-7	SW	3-6	SW	2-6	SW	2-6	SW	4-7	SW	3-6	SW	3-6	SW	3-7	4·5
28	SW	2-6	SW	3-7	SW	3-6	WSW	3-6	SW	2-7	WSW	2-5	WSW	4-7	W	3-7	W	2-5	Var.	1-4	NW	1-4	NNW	2-3	4·0
29	W	2-4	NW	1-2	WNW	2-3	W	2-4	WNW	0-2	W	0-3	W	2-3	WNW	3	WNW	2-3	NW	2-3	W	2-3	W	3	2·2
30	SW	5	W	2-3	SW	3	W	3-4	SW	1-4	W	0-2	W	2	W	2-3	SSW	2-3	SW	2-3	WSW	2	WSW	2-3	2·6
31	N	0-1	NNW	1-3	NNW	2	N	1-3	N	0-1	W	0-1	W	1	WNW	1-2	NW	1	NW	0-1	N	0-2	NNW	2	1·8
MEAN		2·29		2·24		2·39		2·50		2·48		2·13		2·47		2·48		2·48		2·50		2·63		2·65	2·50

N 206. NNE 42. NE 30. ENE 6. E 3. ESE 7. SE 9. SSE 12. S 34. SSW 18. SW 113. WSW 41. W 90. WNW 15. NW 40. NNW 25. Calm or Var. 53.

WIND. DIRECTION AND FORCE (0 to 12). NOVEMBER 1888.

	1		2		3		4		5		6		7		8		9		10		11		12		Max.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	NW	2	N	1	N	1	N	1-2	NNW	0-1	N	1	NE	3	N	2-3	N	4	N	3-4	N	4	N	4	6
2	N	3-4	N	2-4	NNE	1-3	N	1-4	N	0-2	N	0-2	E	0-1	E	1-2	E	0-4	E	1-3	E	0-3	ENE	1-3	5
3	SE	4-6	SE	4-6	ESE	2-4	E	5-6	E	6	E	6	E	5-6	E	6	E	4-6	E	5-6	E	5-6	ESE	6	6
4	SE	4-5	SE	5	SE	3-4	SE	4-5	ESE	4-5	SE	6	ESE	5	ESE	4-6	ESE	5-6	ESE	6	SE	6	ESE	6	7
5	ESE	7	ESE	7	ESE	6-7	ESE	7	ESE	7	ESE	7	ESE	6	E	7	ESE	6-7	ESE	4-7	ESE	5-6	SE	4-6	7
6	ESE	5-6	ESE	6	ESE	5-6	ESE	5-6	ESE	6	ESE	6	E	6	E	6-7	ESE	6-7	ESE	7	ESE	7-8	ESE	6	8
7	ESE	7-8	ESE	5-7	ESE	7	E	7	ESE	7-8	ESE	7-8	E	7-8	E	6-8	E	7-8	ESE	7	ESE	8	ESE	8	9
8	ESE	7-9	ESE	8	ESE	7-8	ESE	7	SE	8	ESE	8	ESE	7	ESE	6-8	ESE	5-7	ESE	4-6	E	3-5	SE	4-6	9
9	ESE	6	E	5-7	ESE	6-7	SE	6-7	ESE	6-8	ESE	7	SE	8	SE	8-9	SE	8-10	ESE	8	SE	9	ESE	8	9
10	SE	9	SE	8-9	SE	8	ESE	7-8	SE	7-8	SE	6-8	SE	6-8	SE	6-8	SE	8-9	SE	7-9	SE	8	SE	8-9	11
11	SE	6-8	SE	5-6	SE	4-5	SSE	4	SE	3-4	SSE	4	S	1-3	SSE	5	S	4-5	S	2-3	SSE	3-4	SSE	1-2	8
12	SE	4	SE	4	SE	5	SE	6	SE	6-7	SE	7	SE	7	SE	7-8	ESE	7-9	ESE	7-9	SE	7-9	ESE	8	11
13	SE	9-10	SE	8-10	SE	7-8	SE	6-7	SE	7	SE	5-7	SE	3-5	SE	6-7	SE	6	ESE	5	ESE	5-6	SE	4-5	10
14	SE	3	SSE	3	SSW	1-2	SSW	1	SSW	0-3	WSW	0-2	WSW	0-2	WSW	0-3	WSW	0-3	WSW	0-1	SW	0-2	SW	0-3	4
15	SSW	3	SW	2-3	S	2-3	S	2-4	S	2-5	S	5	SSE	6-9	S	6	S	5-7	WSW	3-5	NW	0-2	N	1-3	9
16	SSE	5-7	S	5-7	S	6-7	S	6-8	SSW	7-10	SSW	6-10	SSW	5-10	SSW	5-11	SW	5-10	WSW	3-9	W	0-5	N	2-5	11
17	NW	1-3	N	1-2	W	1-5	NW	1-2	NW	0-2	NW	0-2	W	1-2	NNW	0-2	W	0-2	NNW	0-2	NNW	0-3	N	0-3	5
18	N	1-2	NW	1-2	WNW	1	WNW	1-2	WNW	0-2	WNW	1-3	WNW	2	NW	0-1	WNW	0-2	WNW	1-2	W	0-2	N	0	4
19	NNW	2-3	N	1-3	NNW	0-2	N	1-3	NW	0-3	N	0-3	NW	1	W	0-3	W	1-4	NW	2-3	NW	0-5	W	2-5	5
20	Var.	1-4	N	1-4	W	1-3	N	0-2	N	0-4	NNW	0-2	N	0-2	N	0-2	NNE	0-2	N	0-2	N	0-1	NE	2-3	6
21	N	2-4	N	1-4	N	1-6	NE	1-4	NE	1-5	NE	2-5	E	0-2	E	0-1	Var.	0-2	N	3-5	N	6	N	3-5	6
22	WNW	2-4	NW	2-5	NW	1-3	W	1-3	NNW	1-3	W	1-3	W	3-5	WNW	1-4	N	1-3	WNW	3-5	W	0-2	NW	2-4	5
23	NNW	2-4	NW	1-3	N	0-2	N	0-3	Var.	0-3	W	1-4	N	0-4	N	0-5	NW	1-3	NW	1-3	W	0-4	NW	1-3	5
24	W	3-5	W	2-6	W	1-4	NW	0-2	N	0-3	E	1-2	N	1	N	1-2	N	0-1	N	0-1	NNW	0-2	NW	2	6
25	NW	2-4	W	2-4	W	1-2	W	4-5	WSW	3-5	W	5-6	SW	3-6	SW	3-7	WSW	1-8	WSW	4-7	W	4-6	NW	2-4	8
26	NW	3-4	NW	2-6	NW	0-5	W	1-4	NW	2-5	NW	0-3	N	0-1	N	0-1	Calm	0	N	0-2	N	1-3	N	2-3	6
27	SSE	3	SSE	2-3	SE	3	SE	4	SE	4	SE	5	SE	4	ESE	5-6	ESE	5	E	5	E	5	E	4-5	7
28	N	1-3	N	1-3	N	1-2	N	1	N	1	N	0-1	N	0-1	N	0	N	1	N	1	E	1	SE	2	4
29	ESE	4	E	4	ESE	4-5	E	3	ESE	5	E	4	ESE	6	ESE	6	E	6-7	ESE	6-7	E	5-6	ESE	5-6	9
30	E	6-7	ESE	7	ESE	6	ESE	4	ESE	5	ESE	5-6	ESE	5	SE	4	ESE	3	SE	3	ESE	3-4	SE	4-5	7
MEAN		4·47		4·25		3·77		3·80		4·05		4·15		3·95		4·15		4·17		4·07		3·93		4·00	—

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Force.
1	NE	3-5	N	4-5	N	5	N	5-6	N	3-5	N	3-4	N	3-5	N	3-5	N	4-5	N	3-4	N	3-4	N	3-4	3·2
2	N	1-2	NE	1-3	NE	2-3	ENE	2-4	E	0-4	NE	0-4	ENE	0-4	ENE	3-4	ENE	2-4	E	2-4	E	4-5	E	5	2·4
3	ESE	5-6	ESE	4-5	ESE	4-5	ESE	5-6	ESE	5	ESE	5-6	ESE	5-6	ESE	5-6	SE	5-6	SE	5-6	ESE	5-6	ESE	5	5·3
4	SE	5-6	E	5-6	E	5	ESE	5-6	ESE	5-6	ESE	5-6	E	5-7	E	6	ESE	6-7	E	5-6	ESE	6-7	ESE	6-7	5·5
5	ESE	4-5	ESE	5-6	ESE	5-6	ESE	5-6	ESE	5	ESE	6	ESE	5-6	ESE	6	ESE	4-5	ESE	5	ESE	4-5	ESE	5	5·8
6	ESE	6-7	ESE	6	ESE	6-7	ESE	7	ESE	7-8	SE	7	ESE	7	ESE	7	ESE	7	ESE	7-8	ESE	7	ESE	7-8	6·6
7	ESE	8-9	ESE	7-8	ESE	7	ESE	7-8	ESE	7-8	ESE	7-8	ESE	7-8	ESE	8	ESE	8	ESE	7-8	ESE	7	ESE	8-9	7·5
8	ESE	6-7	ESE	6-7	SE	7	SE	6-7	ESE	5-6	SE	6-7	ESE	6-7	ESE	7	ESE	6-7	ESE	6	ESE	6-7	ESE	6-7	6·6
9	ESE	8-9	SE	7-8	SE	5-6	SE	6	SE	6-7	ESE	6-7	SE	6-8	SE	7-8	ESE	6-7	ESE	6-8	SE	7-9	SE	9	7·3
10	SE	9	SE	9	SE	9-10	SE	9-10	SE	9-10	SE	9-10	SE	10	SE	8	SE	8-10	SE	7-10	SE	11	SE	8-10	8·6
11	S	2	SSE	3-4	SSE	4	SSE	4	SSE	3-4	SSE	2	SE	3	SE	2-3	SE	3	SE	4	SE	3	SE	3	3·5
12	ESE	8	ESE	8-9	SE	8-9	SE	7-10	SE	6-9	ESE	6-8	ESE	8	ESE	8-9	ESE	8-9	ESE	8-9	ESE	10-11	ESE	10	7·5
13	SE	4	SE	5	ESE	5-6	SE	7	SE	7	SE	5-6	SE	5	SE	5	SE	4	ESE	5	SE	5	SE	4	5·8
14	SW	2-3	W	1-2	SW	1-3	WNW	0-3	WSW	0-3	NW	1-3	W	1-3	W	1-3	W	1-3	SW	2-3	SW	2-4	S	1-3	1·8
15	NW	1-3	N	1-3	W	0-2	W	1-3	NW	0-3	W	1-3	WSW	1-2	SW	2-3	SW	1-2	SSW	2-4	SW	3-4	S	5	3·1
16	NW	2-5	NW	2-4	NW	0-3	W	0-3	NW	0-3	NW	2-4	NW	2-4	W	2-4	W	3-4	WSW	3-6	WNW	2-5	N	1-3	4·6
17	N	1-4	N	1-3	N	1-3	N	0-2	NNW	0-2	N	2-3	NNE	2-3	N	2-3	N	3-4	Var.	0-1	N	0-2	N	1	1·6
18	N	2	Var.	0-1	W	1	W	0-1	NNW	0-1	NW	1	WNW	2	WNW	2	WNW	2-3	NW	1-3	NNW	2-4	WNW	2	1·4
19	N	2-4	NW	3-4	NW	2-4	N	1-4	N	1-3	NW	2-4	N	2-4	Var.	1-3	N	2-3	N	2-4	N	2-4	N	2-4	2·4
20	NE	1-3	NE	3-4	NE	3-4	NNE	0-5	NE	0-5	NE	3-4	NNE	2-6	NE	2-4	NNE	3-5	NNE	1-5	NNE	2-4	NE	3-4	2·3
21	N	1-5	NNW	2-3	NE	0-1	NE	0-1	N	0-2	N	1-3	NNW	2	W	2-3	WSW	3	W	4	SW	2-4	W	3-4	2·6
22	W	2-4	W	2-4	W	0-3	NW	0-4	W	0-2	NW	1-4	NW	2-4	W	1-4	W	1-4	WNW	2-4	W	1-3	Var.	1-4	2·5
23	WNW	1-3	N	1-3	W	0-2	NW	0-2	N	0-2	NW	1-3	NW	0-2	W	2-4	W	2-4	W	1-3	SW	2-3	WSW	3-4	2·0
24	WNW	1-2	WNW	2-3	NW	0-1	NW	0-3	WNW	0-2	NW	2-3	W	2-3	W	2-3	W	3-4	WNW	2-4	W	3-4	NW	3-4	2·0
25	WNW	2-5	NW	2-5	WSW	0-4	W	0-3	WSW	2-5	W	3-5	NW	1-4	NW	3-4	NW	3-4	NW	2-5	NW	3-4	NW	3-5	3·6
26	N	1-2	N	0-1	N	0-1	N	0-2	N	0-1	N	1	N	1	Calm	0	Calm	0	Calm	0	S	1	SSE	2	1·4
27	E	3	ESE	3-4	NE	1-3	NE	0-3	NNE	1-3	N	2-3	N	2-4	N	3-4	N	4-5	N	5	N	5-7	N	1-3	3·7
28	ESE	1-2	E	0-1	SE	2-3	E	2-3	SE	2-3	ESE	1-2	ESE	3	ESE	3	ESE	3-4	ESE	3-4	ESE	3-4	ESE	4	1·9
29	E	6	ESE	6	E	6-7	E	4	E	4-6	ESE	7	ESE	8-9	ESE	8-9	ESE	8-9	ESE	8-9	ESE	8	ESE	6-8	6·0
30	ESE	4-5	ESE	4	ESE	3	ESE	2	ESE	1-2	SW	0-1	W	0-1	WSW	0	W	0-1	W	0-1	SW	1	SW	1	3·2
MEAN		4·03		3·98		3·67		3·67		3·52		3·88		4·07		4·15		4·28		4·27		4·55		4·47	4·05

N 112. NNE 9. NE 20. ENE 5. E 51. ESE 171. SE 108. SSE 16. S 16. SSW 9. SW 18. WSW 18. W 59. WNW 23. NW 59. NNW 15. Calm or Var. 11.

WIND. DIRECTION AND FORCE (0 to 12). DECEMBER 1888.

	1		2		3		4		5		6		7		8		9		10		11		12		Max.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	SW	0-1	SW	1	SSW	1-2	SW	1-2	SW	1-2	SW	1-2	SSW	1-2	SSW	2-3	SSW	2-3	SSW	1-2	S	2-3	SW	2-3	5
2	W	2-3	W	3	W	1	W	1-2	W	1-2	WSW	1-2	WSW	1-3	SW	1-3	SW	1-2	SW	1-3	SW	1-2	SW	2	3
3	S	3	S	3	S	2-3	S	2	S	3	S	2-5	S	3-5	SSW	4-5	SW	1-4	SSW	2-6	SW	3-4	SW	3	6
4	W	1-4	W	1-2	WSW	0-2	WSW	0-2	W	0	SSW	1	WSW	0-1	SW	0	SW	0-1	SW	0-1	W	0-1	W	2	4
5	S	3	S	3	SSE	2	S	3-4	SSE	4-5	S	3	SSE	2-3	SW	0-2	S	1-2	SSW	1-2	SW	0-2	SW	2	5
6	SW	1-2	SW	2	WSW	0-3	W	0-3	WSW	1-3	WSW	2	SW	1-2	WSW	1-2	SW	1	SW	0-1	S	1-3	S	2	6
7	SSE	4-6	SSE	4-5	S	3-4	S	1-5	S	4-6	S	6-8	SSW	3-5	S	4-5	SSW	2-5	SSW	2-4	SSW	2-5	SW	3-4	8
8	NW	0-1	W	0-1	NW	0-1	WNW	0-2	W	1-2	W	1	WNW	0	W	0-1	WNW	1	WNW	0	WNW	0	W	1	3
9	NNE	2-3	N	1-2	N	1-2	N	1-2	N	2	N	2-3	N	1-2	N	1-3	N	3	N	4	N	1-3	NNE	1	4
10	NNE	1-2	NE	1	N	1	N	1	N	0-1	N	1	N	0-1	N	0	N	0	Calm	0	SE	0-1	SSE	0-1	4
11	SSE	3-4	SSE	3-4	SSE	3	SSE	4	SSE	5	SSE	4-5	SSE	4-5	SSE	6	SE	4-5	SSE	5	SSE	2-4	SSE	2	6
12	SW.	1	SW	1	SW	1-2	SW	2	SSW	1-2	SW	1	S	2	SSW	2-3	S	3	SSW	2-3	SSW	2	S	3	5
13	SSE	3	S	2	S	3	SSW	2-4	S	2-3	S	2-3	S	2	S	4	S	3	S	2	SSE	3-4	SE	4	4
14	SW	2	SW	1-2	WNW	0-2	SW	2-3	SSW	2-3	SW	2	SW	2-3	W	1	W	1	W	1	NNW	1	N	1	3
15	N	1-2	N	2	N	2	N	3	N	4	N	4	N	0-2	N	2-4	N	0-3	N	2	N	0-2	N	1-2	4
16	NW	1	NNW	2	NW	3	W	2	W	3	W	2-3	WNW	2	NW	1-2	W	1-3	W	2	W	1-3	W	2-3	4
17	SW	3	SW	3	WSW	2	WSW	2	SW	2-3	SW	2-3	SW	2-3	SW	2-3	SW	2-4	SW	3	SW	3	SW	2-3	4
18	SW	3	SW	3	SW	1-3	SW	1-2	WSW	1	SW	1-2	SSW	1-2	SW	1-2	SW	1-2	WSW	0-3	SW	2	SW	3	4
19	SW	3	SSW	3	S	2	SSW	2	SSW	2-3	S	4	S	4	S	3-4	SSE	3-6	S	3-5	S	5-6	SSE	4-5	8
20	WSW	2-4	W	1-3	WSW	0-3	WSW	1-3	SW	1-2	SW	1	SSW	1-2	SW	1	SW	1-2	SSW	0	S	0-1	S	2	4
21	S	3	S	3	SE	3-5	S	5-6	S	4-5	SSE	6-7	SE	4-6	SE	3-5	SSE	6-8	SE	6-7	SE	8-10	SE	8-9	10
22	ESE	5-6	ESE	5	ESE	4-6	ESE	4-6	SE	5-7	ESE	5	ESE	4-5	ESE	5-6	ESE	5	ESE	3-5	SE	5	ESE	3	7
23	SE	3	SE	3	ESE	4	SE	3-4	ESE	2-3	SE	3-4	ESE	3	SE	4-5	ESE	5	SE	5-6	SE	3	SE	4	8
24	S	6	SSW	3-5	SW	2-4	SW	2-4	WSW	1-2	SW	1-2	S	1-2	SW	0-2	S	1-2	SW	1-2	NW	0	NW	0-1	6
25	WNW	1	WSW	1	SW	0-1	SW	1	S	2-3	SE	3	SE	5	SE	4	SE	5	SE	5	SE	4-5	SE	6	10
26	Var.	1-4	N	0-2	N	0	NNE	0-3	NW	0-2	N	0-3	NW	0-1	N	0-2	N	0-2	NNW	1-2	NW	0-3	NW	1-2	4
27	NW	0-1	NW	0	WSW	1	W	1	SW	1	SSW	1	S	2-3	SE	3	SE	3-4	ESE	3-4	SE	5	SE	7-8	9
28	SSW	3-5	SW	4-5	SSW	1-3	SW	0-3	SW	1-2	SW	2	NNW	1-2	N	1-2	N	2-3	N	2-5	N	2-4	N	2-4	5
29	N	2-3	N	2-3	NE	1-4	NNE	1-3	N	1-3	N	1-2	N	1-2	NNE	1-2	N	1-2	Calm	0	NW	0-1	N	0-2	4
30	N	1	N	1	N	0-1	N	0	NW	0-1	WNW	1	N	1	N	1-2	N	2-3	N	1-2	NNW	0-1	SW	1	4
31	SSW	3	SW	3-4	S	3-4	SSW	3-4	S	3	SW	2-3	S	1-4	S	2-4	S	2-3	S	1-4	SSW	2-4	SSW	1-2	4
MEAN		2·53		2·34		2·03		2·23		2·37		2·53		2·26		2·44		2·56		2·44		2·44		2·68	—

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Force.
1	W	1-3	W	1-3	SW	4-5	SW	2-4	WSW	3-4	W	3	WSW	3	NW	0-1	W	2	W	2-3	W	2-3	WNW	2	2·1
2	SW	2-3	SSW	2	SW	0-1	SW	0-1	SW	0-1	WSW	2	SW	2	SW	2	SW	1-2	SW	2-3	SSW	2-3	S	2-3	1·8
3	W	3	SSW	3	SW	1-2	SSW	2-5	SW	2-5	SW	4-5	NW	2	NW	2-3	NW	2-3	WNW	1-2	W	2-4	W	2-4	3·0
4	SW	1	SSW	0-1	S	1	S	1-2	S	1	SSE	2	S	2-3	S	3	SSW	2	S	2-3	S	3	SSW	2-3	1·4
5	S	2-3	SW	1-2	WSW	1-2	SSW	2-3	W	2-3	WSW	2	WSW	1-2	SSW	2	SW	1-2	WSW	2	WSW	2	SW	2	2·2
6	SSW	2-3	S	2-3	SSE	3	SE	5	S	2-4	SE	3	SE	4	SE	5	SE	5-6	SSE	5	SSE	6	SE	4-6	2·9
7	WSW	3-4	WNW	1-3	SW	2-4	SW	2-4	W	1-3	WNW	1-2	W	2-3	NW	1-2	WNW	1	N	0-1	WNW	0-1	NW	0-1	3·4
8	W	0-1	W	1	W	1-2	W	0-2	WNW	0-1	NW	0-1	NW	1-2	W	1	NW	1	NE	0-1	N	1	N	2-3	0·8
9	N	1-2	N	2-3	N	1-2	N	3-4	N	0-3	N	2-3	N	2-3	N	2-3	N	1-2	NE	0-1	N	2-3	N	2	2·1
10	SE	2	S	1-2	S	2	S	2-3	S	2	S	2-3	SSE	3	SSE	4	SSE	3	SSE	3-4	SSE	4	SSE	3-4	1·7
11	SE	4	SE	3-4	SE	2	SE	2-3	SE	2-3	S	2-3	S	2-3	S	2-3	S	2-3	SSW	2	S	1-2	SW	1	3·2
12	S	3-4	S	4	S	3	S	4-5	S	2-3	S	4	S	4	SSE	3-4	S	3-4	SSE	3-4	SSE	3	SSE	4-5	2·8
13	SE	4	SE	4	SE	4	SSE	2-3	S	1-3	S	3	SW	2-3	SSW	2-3	SSW	2-3	SSW	2-4	WSW	1-2	SSW	2	2·8
14	N	1	N	1	N	2-3	NNW	1-3	N	1-3	N	1	N	2	NNE	2	N	2	N	1-2	N	1	N	2	1·6
15	N	1-2	N	2	NNE	1-4	N	0-3	N	2-3	NE	1-2	N	2-3	N	0-1	N	2	N	2	N	1	N	1	2·0
16	W	2	W	2-3	WSW	3	W	1-2	W	3-4	WNW	2	W	3-4	NW	2	NW	2	W	1-3	W	3	WSW	2-3	2·3
17	W	2-3	NW	2	W	0-3	W	2-3	WSW	2-3	SW	3	SW	3-4	SW	3-4	SW	3	SW	3	SW	3	SW	3	2·7
18	SW	3	SW	2-3	SW	2-3	SW	2-4	SSW	2-3	S	3	S	3	S	4	S	4	S	3-4	S	3	SE	3-4	2·5
19	SSE	5	SSE	6	SW	2-4	SW	0-5	S	2-5	S	5	S	6-7	SSW	5-7	SSW	4-8	SW	5-7	SW	2-4	W	1-3	4·0
20	SE	2	SE	2-3	SE	2	SE	3	SE	3-4	SE	3	SE	4	SSE	3	SE	3	SW	2-3	SSE	3	SSW	3	2·2
21	SE	8	SSE	7	SE	8	SE	6-8	SE	7-8	SE	7-8	SE	7	SE	6-7	SE	6	ESE	4-5	SE	4	E	3	5·9
22	ESE	4	E	3-4	ESE	4	ESE	5	E	2-3	E	2-5	E	3	SE	3-4	ESE	3-4	ESE	3	ESE	3	SE	4	4·2
23	SE	4	SE	4-5	SSE	5	SE	4-6	SSE	4-5	SSE	6	SSE	6-7	SE	6-7	SSE	6-7	SE	8	SE	6-7	SSE	7	4·8
24	N	1-2	N	3	N	2-4	N	0-2	NNE	1-3	NW	1-2	N	1-2	N	1-2	NW	1	NNW	0-1	W	0-1	NW	0-2	1·8
25	SE	6-7	SE	8-9	SE	8-10	SE	7-10	SE	7-8	SE	6-7	SE	4	SW	3-4	N	2-4	NW	3-4	N	1-4	Var.	1-3	4·3
26	NW	1-2	Var.	1-2	W	0-2	W	0-1	NW	0-1	NW	0-2	WNW	0-2	NNW	1-2	N	0-1	NNW	1-2	N	0-2	NNW	1	1·1
27	SE	9	SE	8-9	SE	5	SE	2-4	SW	2-3	SW	2-3	SW	2-4	SSW	3	SSW	3-4	SSE	4-5	S	4-5	S	6	3·5
28	NNE	3-4	NE	3-4	N	0-4	NE	3-4	E	2-5	NE	1-4	NE	1-2	N	2-4	NNE	2-4	N	2-3	N	2-3	N	2-3	2·7
29	Calm	0	N	1	NNW	1	N	1	N	1	W	0-1	N	1	N	1	N	1	N	1-2	N	1	N	1	1·2
30	SW	1	SW	1-2	SW	2-4	SW	3-4	SW	2-3	SW	2	SW	2-3	SSW	2-3	SW	2-3	SSW	2-3	SSW	2-3	SW	3-4	1·7
31	SSW	3	SSW	3	SW	3	S	1-3	SSW	1-4	SW	3	SW	2-3	SW	2-3	SW	0-1	NE	0-1	NE	0-2	NE	2	2·5
MEAN		2·95		3·03		2·90		2·95		2·69		2·84		2·97		2·85		2·68		2·66		2·55		2·68	2·61

N 114. NNE 11. NE 12. ENE 0. E 6. ESE 22. SE 82. SSE 50. S 97. SSW 60. SW 130. WSW 32. W 59. WNW 18. NW 34. NNW 11. Calm or Var. 6.

CLOUD. AMOUNT OF CLOUD (0–10). JANUARY 1888.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
1	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	9	≡	10	≡	≡	≡	10
2	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
3	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
4	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
5	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
6	≡	≡	≡	≡	≡	≡	≡	≡	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
7	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
8	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	0	0	9
9	0	≡	≡	≡	≡	≡	≡	4	3	7	2	0	≡	9	9	3	0	0	0	10	10	0	0	0	5
10	≡	≡	≡	≡	≡	≡	0	0	5	≡	≡	0	≡	0	0	0	0	0	0	0	0	0	0	0	4
11	0	0	0	0	0	0	0	3	4	7	9	3	0	0	0	0	0	0	0	0	0	0	0	0	1
12	0	0	0	0	0	0	0	0	0	0	10	3	5	9	7	6	0	0	0	0	0	10	10	≡	3
13	≡	≡	≡	≡	≡	0	0	0	0	0	0	0	0	0	2	3	0	0	0	0	0	0	0	4	2
14	6	5	7	3	0	0	10	10	10	10	9	3	7	4	4	4	0	1	0	0	0	0	0	0	4
15	6	3	0	2	0	0	0	10	10	10	10	9	6	9	10	5	0	8	0	2	2	0	1	0	4
16	0	0	0	0	0	0	7	9	7	9	6	9	9	6	0	≡	0	≡	≡	≡	≡	≡	≡	≡	6
17	≡	≡	≡	≡	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
18	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
19	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6	5	0	0	0	2	2	2	9	10	2
20	0	0	0	0	9	9	≡	≡	10	10	9	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8
21	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	≡	0	≡	≡	0	9
22	≡	0	0	≡	≡	≡	0	≡	≡	9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9
23	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
24	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
25	≡	≡	≡	≡	≡	≡	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	10
26	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	10	≡	10	≡	≡	10
27	10	10	10	10	10	≡	≡	9	≡	≡	≡	≡	≡	≡	8	10	≡	2	≡	10	10	10	≡	1	9
28	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	≡	1
29	10	10	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	2	0	≡	≡	≡	0	≡	≡	≡	9
30	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
31	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
MEAN.	7·2	7·1	7·1	7·3	7·1	6·8	6·7	7·3	7·4	7·8	7·6	7·0	7·6	7·4	7·3	7·0	5·8	6·2	6·1	6·9	6·3	6·6	6·9	6·6	7·0

CLOUD. FEBRUARY 1888.

1	≡	≡	0	0	1	2	2	0	0	1	10	10	10	9	7	4	10	10	10	0	≡	≡	≡	≡	6
2	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	≡	10
3	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
4	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
5	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
6	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
7	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
8	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
10	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10
11	≡	≡	10	0	0	0	0	0	0	0	0	0	0	1	2	≡	≡	≡	≡	≡	≡	≡	0	0	4
12	0	0	0	0	0	≡	0	1	0	0	0	6	3	10	6	≡	≡	≡	≡	≡	≡	≡	≡	≡	5
13	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	4	10	7	0	0	0	≡	≡	8
14	≡	10	≡	≡	0	0	10	0	≡	10	9	10	1	1	6	≡	≡	≡	≡	≡	≡	≡	≡	≡	8
15	≡	≡	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0	0	0	0	1
16	0	0	0	0	0	0	(	0	0	1	2	1	9	7	3	5	10	10	10	≡	≡	≡	≡	≡	4
17	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	≡	10	4	5	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
18	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	10	10	≡	≡	≡	≡	≡	≡	≡	≡	10
19	≡	≡	≡	≡	≡	≡	≡	9	2	1	≡	≡	≡	≡	≡	5	8	≡	≡	≡	≡	≡	≡	≡	9
20	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	4	7	10	≡	≡	10	10	10	10	≡	6	3	5	10	9
21	10	≡	≡	0	≡	0	≡	≡	≡	8	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9
22	3	10	≡	0	0	7	10	≡	4	8	7	8	8	8	9	≡	≡	≡	≡	≡	≡	≡	≡	≡	8
23	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	≡	≡	0	0	0	0	≡	0	3	0	≡	≡	0	6
24	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	10	10	10	10	10	10
25	10	10	9	3	1	1	0	0	0	0	0	0	0	0	1	1	1	0	2	7	8	≡	3	2	3
26	6	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
27	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	0	0	0	0	0	0	0	0	0	0	0	1	3	4
28	0	1	2	2	3	0	0	6	9	0	0	0	0	0	1	1	1	1	2	1	2	10	10	10	3
29	10	≡	≡	≡	≡	≡	≡	≡	10	10	≡	≡	≡	4	9	≡	≡	≡	≡	≡	≡	0	0	0	8
MEAN.	8·6	9·0	8·3	7·1	7·1	7·2	7·7	7·4	7·4	7·2	6·9	7·7	7·6	7·0	7·2	7·9	8·1	8·7	8·3	8·0	8·1	8·4	7·9	8·1	7·8

CLOUD. AMOUNT OF CLOUD (0–10). MARCH 1888.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
1	0	0	0	10	9	10	≡	10	6	0	0	0	1	1	1	1	7	7	9	7	10	2	7	8	5
2	5	6	8	4	0	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	≡	≡	0	8
3	≡	≡	≡	≡	≡	≡	≡	≡	≡	5	10	9	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
4	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	9	10	10	10	≡	9	10	10	10	10	≡	0	0	0	9
5	0	0	0	0	0	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8
6	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
7	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
8	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
11	0	0	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9
12	≡	≡	≡	≡	10	10	≡	10	9	10	10	10	10	10	≡	≡	10	10	10	≡	≡	≡	≡	≡	10
13	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
14	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
15	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	10	≡	10	10	≡	10	≡	≡	≡	10
16	10	≡	≡	≡	≡	1	1	1	1	0	6	1	5	1	4	2	2	0	0	0	0	0	0	0	3
17	0	0	10	≡	3	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	8	0	8
18	0	0	0	0	0	0	3	0	0	0	1	1	0	1	0	0	1	2	2	0	0	0	0	0	0
19	0	0	0	0	2	9	7	7	1	5	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
20	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
21	0	0	0	1	1	0	4	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	7
22	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	7	8	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	10
23	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
24	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
25	≡	≡	≡	≡	≡	≡	≡	9	≡	9	5	≡	9	10	8	10	9	7	10	9	9	5	5	10	9
26	≡	≡	≡	≡	≡	≡	≡	≡	≡	7	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	10
27	≡	≡	≡	≡	≡	10	6	≡	0	0	0	≡	4	3	9	10	10	5	0	0	0	1	6	8	6
28	9	10	6	≡	3	2	9	10	10	10	10	10	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	9
29	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	≡	≡	≡	≡	≡	≡	≡	10
30	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10
31	≡	10	10	10	10	10	10	≡	≡	9	5	5	8	≡	≡	8	≡	10	≡	≡	≡	5	0	8	9
MEAN.	7·2	7·3	7·9	8·2	7·7	8·5	8·7	8·9	8·3	7·9	7·9	8·2	8·3	8·3	8·4	8·4	8·7	8·4	8·4	8·3	8·1	7·2	7·6	7·6	8·1

CLOUD. APRIL 1888.

1	7	8	6	9	8	9	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9
2	≡	≡	≡	≡	≡	0	≡	≡	≡	≡	≡	10	9	≡	≡	≡	≡	≡	≡	≡	0	0	0	0	8
3	0	0	≡	≡	≡	≡	≡	7	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	9
4	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	10	≡	≡	≡	≡	0	0	9
5	0	0	0	0	0	0	0	0	0	0	1	9	10	10	10	≡	10	≡	≡	≡	≡	≡	≡	≡	5
6	≡	0	0	0	0	0	0	0	0	0	0	0	3	1	6	2	10	≡	≡	≡	≡	0	≡	≡	4
7	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	10	9	10	10	≡	≡	≡	≡	≡	≡	10
8	≡	≡	≡	10	10	5	9	3	0	0	0	0	7	1	1	0	3	0	7	≡	0	≡	≡	≡	5
9	0	0	0	0	0	5	6	2	4	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	7
10	≡	≡	0	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
11	≡	≡	≡	≡	≡	≡	≡	10	9	9	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	10
12	0	0	0	≡	0	1	9	1	3	10	10	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	7
13	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	10
14	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	0	0	9
15	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
16	≡	≡	≡	8	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
17	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
18	≡	≡	≡	≡	≡	≡	≡	10	10	≡	≡	9	≡	3	10	9	8	9	10	7	10	≡	9	≡	9
19	3	9	≡	5	9	9	7	4	5	7	7	≡	5	5	≡	4	10	10	≡	≡	≡	≡	≡	≡	8
20	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	3	≡	1	9	≡	3	9
21	≡	8	0	10	10	≡	≡	≡	10	10	≡	≡	≡	≡	10	10	6	0	7	5	2	6	0	≡	8
22	10	10	0	0	0	4	≡	≡	≡	≡	9	≡	10	8	≡	9	≡	≡	≡	≡	≡	≡	7	≡	8
23	10	8	7	≡	≡	≡	≡	5	10	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	4	≡	≡	≡	10	9
24	9	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	10	0	4	8	9	8	3
25	8	5	10	9	10	≡	≡	≡	≡	1	10	4	7	5	8	10	5	≡	0	0	0	0	0	1	6
26	0	0	0	0	8	0	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8
27	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
28	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
29	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
30	≡	≡	≡	≡	≡	≡	≡	5	≡	≡	10	≡	10	9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
MEAN.	7·9	7·6	6·8	7·7	7·8	7·4	8·7	7·6	8·0	8·2	8·6	8·7	9·0	8·4	9·2	8·8	9·1	9·1	9·2	8·9	8·2	8·8	8·2	8·4	8·3

CLOUD. AMOUNT OF CLOUD (0–10). MAY 1888.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
1	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
2	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	9	10	≡	9	≡	≡	≡	≡	≡	≡	≡	10
3	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	10
4	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
5	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
6	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
7	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
8	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	10	10	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
9	2	6	3	5	8	8	9	10	10	10	≡	10	10	10	10	10	10	10	10	1	0	0	0	0	7
10	0	0	3	0	0	3	4	1	6	10	9	10	10	7	4	4	3	9	8	8	4	0	0	0	4
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
12	0	0	2	0	3	7	7	4	2	≡	3	3	≡	≡	≡	≡	0	0	≡	≡	≡	≡	≡	≡	6
13	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	2	6	9	≡	≡	≡	≡	≡	≡	≡	9
14	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
15	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
16	≡	≡	10	≡	≡	≡	≡	≡	≡	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
17	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
18	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10
19	10	10	4	≡	≡	≡	≡	≡	≡	10	10	10	10	10	10	10	10	≡	≡	≡	≡	≡	≡	≡	10
20	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	8	≡	8	≡	≡	≡	≡	≡	≡	≡	0	0	0	9
21	0	10	0	2	8	3	≡	4	3	5	4	5	5	2	2	6	7	0	4	0	0	3	0	0	3
22	0	0	0	0	0	0	0	0	0	1	2	5	9	9	7	9	9	9	4	5	3	1	3	2	3
23	2	5	7	8	8	5	6	5	7	5	7	4	7	2	4	2	4	3	2	2	2	3	2	0	4
24	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	1	1	0	0	0	0	0	0	0
25	0	0	0	0	0	0	1	5	6	7	9	10	7	0	0	2	4	1	0	6	5	0	0	3	3
26	4	0	0	4	8	9	8	1	0	0	4	2	1	6	4	6	6	3	7	9	7	9	10	10	5
27	≡	≡	≡	≡	10	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	10	10	≡	≡	10	10	10	≡	10
28	≡	≡	10	10	8	9	9	9	8	7	9	9	10	10	8	10	10	9	9	≡	≡	≡	0	0	8
29	0	0	≡	≡	≡	≡	≡	≡	≡	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9
30	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
31	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
MEAN.	6·7	7·1	7·1	7·4	7·8	7·9	8·2	7·7	7·8	8·2	8·3	8·3	8·7	8·2	7·8	8·3	8·1	7·9	8·2	8·1	7·8	7·3	6·9	6·9	7·8

CLOUD. JUNE 1888.

1	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	4	9	10	7	10	10	10	8	10	10
2	10	10	10	9	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
3	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
4	≡	≡	≡	10	10	10	9	10	9	≡	≡	≡	8	8	≡	10	9	6	9	0	2	0	0	0	8
5	0	0	0	0	0	1	5	5	4	2	2	0	1	2	10	10	10	10	10	7	2	0	0	0	3
6	0	2	3	3	5	8	10	10	10	10	10	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9
7	≡	≡	≡	≡	≡	≡	≡	6	4	7	3	5	7	8	10	≡	≡	≡	≡	≡	10	≡	≡	≡	9
8	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
9	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	≡	≡	≡	≡	≡	≡	≡	≡	10
11	0	0	9	4	≡	≡	≡	10	7	10	9	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9
12	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
13	≡	8	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	10	10	8	7	3	1	1	0	0	0	≡	0	7
14	0	0	0	0	0	0	1	2	5	3	3	3	6	6	9	6	8	7	2	1	2	2	2	10	3
15	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8	9	10	10	10	10	4	1	0	2	0	8
16	0	2	0	0	3	0	0	0	0	2	8	3	5	9	8	9	7	9	10	9	10	9	0	0	4
17	0	0	0	2	1	1	1	0	0	1	2	4	4	1	1	1	6	7	2	0	0	0	2	0	2
18	1	3	1	0	3	7	3	2	7	9	10	3	3	0	1	2	1	2	9	8	8	4	8	8	4
19	6	7	0	0	0	0	0	0	5	9	9	2	7	7	8	8	8	9	10	10	7	4	5	5	5
20	3	2	0	0	0	0	0	0	0	0	0	0	0	1	3	7	10	10	8	8	1	0	1	4	2
21	8	8	10	8	8	9	6	4	2	0	0	3	2	1	2	6	2	3	2	4	4	1	2	0	4
22	0	1	6	2	0	0	0	0	2	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	1
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0
24	3	2	0	1	6	5	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	1	1
25	2	8	0	0	0	0	0	0	0	4	1	2	2	0	4	3	0	0	3	9	6	3	8	4	2
26	3	5	4	2	4	10	9	8	9	9	9	10	9	7	4	0	0	0	1	0	0	3	4	1	5
27	0	2	1	1	0	0	0	10	≡	≡	≡	≡	≡	10	10	≡	5	9	2	0	0	8	≡	≡	6
28	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	10
29	≡	10	≡	≡	10	10	9	10	5	0	0	0	8	6	1	1	3	8	8	4	2	0	0	0	5
30	0	9	≡	≡	≡	10	8	5	7	7	10	3	1	0	0	0	0	2	9	9	4	0	0	0	5
MEAN.	5·2	6·0	5·8	5·4	6·0	6·4	6·0	6·1	6·2	6·4	6·5	5·9	6·4	6·1	6·6	6·5	6·4	6·8	6·8	6·1	5·3	4·9	5·4	5·1	6·0

CLOUD. AMOUNT OF CLOUD (0–10). JULY 1888.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
1	0	0	0	0	0	0	0	0	0	0	1	0	2	0	3	3	8	1	2	4	7	10	=	=	3
2	10	10	10	10	10	10	10	10	10	10	10	=	=	=	=	=	=	=	=	=	=	=	=	=	10
3	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10	10	10	10	=	10
4	=	=	10	10	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
5	=	=	=	10	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10	10
6	9	4	0	0	0	0	1	10	10	=	=	10	10	9	10	10	10	10	10	=	=	=	=	=	8
7	=	=	10	10	10	10	9	9	10	10	9	10	10	10	10	9	=	=	2	8	=	0	0	0	8
8	6	7	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
9	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
10	=	=	=	=	10	=	=	=	=	=	=	=	10	=	=	9	10	10	10	10	=	=	=	=	10
11	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	8	6	2	9
12	3	2	0	4	0	0	0	0	0	1	3	8	10	9	10	10	10	9	9	8	9	10	10	10	6
13	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10	10	=	=	=	=	=	=	=	10
14	=	10	10	10	=	10	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	=	=	10
15	10	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
16	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
17	=	=	=	=	=	=	=	=	=	10	=	=	=	=	=	=	=	=	=	=	=	10	10	10	10
18	10	10	=	10	10	10	10	10	10	10	10	10	10	9	8	9	10	10	10	10	=	10	=	=	10
19	1	7	7	7	5	3	4	0	1	8	3	1	4	9	6	3	3	4	3	9	10	10	9	10	5
20	7	0	0	0	3	0	1	0	3	10	10	10	10	10	10	10	10	10	10	10	10	=	=	=	7
21	=	=	=	=	7	=	=	10	=	=	=	=	10	9	5	10	=	10	10	8	=	=	=	=	10
22	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
23	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10	10	=	=	10	=	=	=	=	10
24	8	=	=	=	=	=	=	=	=	10	10	10	10	10	=	=	=	=	=	=	=	=	=	=	10
25	=	=	=	=	=	10	10	=	=	=	10	10	10	10	9	10	9	=	10	9	4	8	=	9	10
26	9	8	7	8	10	10	10	10	=	=	=	=	=	9	=	=	=	=	10	=	=	=	=	=	10
27	=	=	=	=	0	0	0	1	=	=	9	9	10	10	10	=	=	=	=	=	=	=	=	=	8
28	=	=	=	=	=	10	10	10	10	=	10	=	=	=	=	=	10	10	=	=	=	=	=	=	10
29	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
30	=	=	10	9	10	10	9	8	=	9	10	10	=	=	10	9	10	9	9	8	7	10	10	=	9
31	10	=	=	=	=	=	=	=	=	=	9	10	5	9	10	10	10	10	=	=	=	10	0	=	9
MEAN.	8·8	8·6	8·5	8·6	8·2	8·2	8·2	8·3	8·8	9·3	9·2	9·3	9·4	9·5	9·4	9·4	9·7	9·5	9·2	9·5	9·6	9·5	9·2	9·4	9·1

CLOUD. AUGUST 1888.

1	=	=	=	10	=	=	=	=	=	10	7	10	7	9	7	10	10	=	=	8	0	0	0	0	8
2	0	0	0	0	0	8	=	9	=	=	10	10	10	=	10	=	=	=	=	=	10	=	=	=	8
3	=	=	=	=	=	=	10	10	10	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
4	=	=	=	=	=	=	=	=	=	=	10	8	4	9	9	10	=	=	=	=	=	=	=	=	10
5	=	=	=	=	=	=	=	=	=	10	7	10	10	8	10	9	10	10	10	=	=	=	=	=	10
6	=	=	=	10	=	=	=	10	10	10	10	=	10	10	=	=	=	=	=	=	=	=	=	=	10
7	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
8	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
9	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
10	=	0	10	7	10	10	10	10	10	=	10	10	10	10	10	9	10	10	=	=	=	=	=	=	9
11	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
12	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10	=	=	=	=	=	=	10
13	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
14	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	0	0	9
15	=	0	=	=	=	0	10	=	5	0	0	0	1	3	2	2	2	2	6	9	0	0	0	0	4
16	0	0	0	0	0	0	1	3	1	4	1	9	9	4	6	2	0	0	0	0	0	0	0	0	2
17	0	0	0	0	0	0	0	0	0	0	0	1	5	1	0	2	9	6	9	2	2	2	1	1	2
18	0	0	0	2	4	1	0	0	0	1	10	6	9	9	6	4	8	7	0	0	3	1	10	0	3
19	0	0	=	=	=	=	4	=	10	10	5	10	10	6	9	9	10	10	10	10	10	=	=	=	8
20	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
21	=	=	=	=	=	=	=	=	=	=	=	=	10	=	=	=	=	=	=	=	=	=	=	=	10
22	=	10	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
23	=	10	=	=	=	9	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10	=	10	10
24	=	10	=	=	=	=	=	=	=	=	=	=	10	6	9	10	10	10	=	10	10	=	=	=	10
25	=	=	=	=	=	=	=	10	10	5	10	10	=	10	10	=	10	10	=	=	=	=	=	=	10
26	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
27	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
28	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
29	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
30	=	=	=	=	=	=	=	10	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10	=	10
31	=	5	=	=	=	=	10	=	=	8	=	=	=	=	=	=	10	=	=	=	=	=	=	=	10
MEAN.	8·4	7·6	8·7	8·7	8·8	8·6	8·9	9·1	8·9	8·6	8·7	9·2	9·2	8·9	9·0	8·9	9·3	9·2	9·2	9·0	8·5	8·5	8·4	8·1	8·8

CLOUD. AMOUNT OF CLOUD (0–10). SEPTEMBER 1888.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
1	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
2	=	=	=	=	=	=	=	10	=	=	=	=	=	=	=	=	=	=	10	10	10	10	10	10	10
3	=	=	=	=	10	5	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
4	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	7	6	7	3	=	9
5	=	=	=	=	=	=	=	=	=	=	=	10	=	=	=	=	=	=	=	=	=	=	=	=	10
6	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
7	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
8	=	=	=	0	0	0	0	6	2	1	0	5	5	10	9	5	9	10	5	4	0	0	0	5	4
9	7	4	4	0	4	10	10	5	1	1	10	10	10	10	10	10	=	10	10	10	10	10	7	6	7
10	6	3	0	0	0	10	0	1	6	0	0	8	=	9	9	9	8	3	0	0	0	0	0	10	4
11	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
12	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10	=	=	10	10	=	=	=	10
13	=	=	=	=	10	=	10	=	=	10	10	=	10	10	2	5	0	0	1	1	1	1	0	0	6
14	0	=	=	=	=	=	=	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	3
15	0	0	0	2	9	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	8
16	=	=	=	=	10	10	10	3	9	6	8	3	4	6	5	5	9	7	9	8	9	8	5	6	8
17	6	1	0	3	4	=	=	=	10	10	4	5	1	0	=	0	=	=	=	=	=	=	=	=	7
18	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	0	0	9
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	1	2	1	0	0	1	2	6	5	1	0	0	0	0	1
21	0	2	1	0	0	0	0	0	0	0	0	1	1	4	4	2	3	0	0	0	3	2	2	0	1
22	0	0	1	3	5	4	3	3	0	5	0	0	7	3	8	1	3	3	0	2	6	6	5	4	3
23	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	=	=	=	=	=	8	=	=	10	5	10	=	10	10	10	0	10	8	0	=	7
25	=	=	=	=	0	0	0	0	=	0	0	0	0	4	1	4	=	=	=	0	0	0	0	0	4
26	0	0	0	0	0	=	=	=	=	=	=	=	=	10	8	10	10	=	0	0	0	0	=	10	6
27	=	0	=	=	=	=	=	=	=	=	=	=	10	=	=	=	10	10	10	=	=	10	10	9	10
28	4	=	=	=	=	10	10	10	10	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
29	=	=	=	=	=	=	=	=	10	=	=	=	=	8	9	=	=	=	=	=	=	=	=	=	10
30	=	=	=	=	=	=	=	10	10	10	10	=	=	=	=	=	=	7	10	=	=	=	=	=	10
MEAN.	6·5	6·3	6·5	6·3	6·7	7·6	7·4	6·9	7·3	6·7	6·8	7·1	7·3	7·3	7·5	7·1	7·9	7·5	7·0	6·1	6·5	6·4	5·8	6·7	6·9

CLOUD. OCTOBER 1888.

1	=	=	=	=	10	=	=	=	=	10	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
2	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	0	0	9
3	0	1	=	0	=	=	=	=	10	=	=	=	=	=	6	9	0	=	=	=	=	=	=	=	8
4	=	=	=	=	=	=	=	=	=	=	=	=	10	=	9	9	=	=	=	=	=	=	=	=	10
5	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
6	=	=	=	=	=	=	=	=	=	=	=	=	10	10	=	=	10	=	=	=	=	=	=	=	10
7	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
8	=	=	=	=	=	=	=	=	=	=	=	=	8	=	=	=	=	=	=	=	=	=	=	10	10
9	3	6	3	0	0	8	8	7	7	9	10	9	10	10	=	=	=	=	7	=	=	=	10	10	8
10	=	=	=	=	=	=	=	8	7	9	=	=	=	10	=	=	9	=	=	=	0	0	=	=	9
11	0	0	0	0	10	10	10	10	=	=	10	=	=	=	=	=	=	=	=	=	=	=	=	=	8
12	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10	=	=	=	10	=	10
13	=	=	=	=	10	10	10	=	=	=	=	=	=	=	=	10	10	10	=	=	=	=	=	=	10
14	=	=	0	=	0	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	9
15	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
16	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	1	0	=	9
17	10	10	0	0	7	10	10	10	10	10	10	=	=	=	=	8	9	=	=	=	=	=	=	=	9
18	=	8	1	7	=	=	=	=	=	=	=	10	10	10	10	10	10	10	9	10	10	10	9	9	9
19	10	10	10	10	10	9	9	10	10	10	10	10	10	10	10	9	10	10	10	10	10	10	=	=	10
20	=	=	=	=	3	6	=	=	=	3	=	=	0	0	0	0	0	0	0	0	0	0	0	0	4
21	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
22	0	0	0	0	0	0	0	7	7	9	10	10	10	9	0	4	8	10	10	10	9	10	10	10	6
23	10	10	10	10	=	=	=	=	=	=	=	=	5	3	=	=	=	=	=	=	=	=	=	=	10
24	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
25	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
26	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10	=	=	=	=	=	10
27	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10	10
28	=	=	=	=	=	=	=	=	=	=	=	=	=	10	=	=	=	=	=	=	=	=	=	=	10
29	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	0	=	10
30	=	=	=	=	=	7	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
31	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
MEAN.	8·5	8·5	7·9	8·0	8·4	9·0	9·3	9·4	9·4	9·4	9·7	9·6	9·1	9·1	8·9	9·0	8·9	9·4	9·2	9·4	9·0	8·7	8·4	9·0	9·0

CLOUD. AMOUNT OF CLOUD (0–10). NOVEMBER 1888.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
1	≡	≡	≡	≡	≡	10	9	9	8	5	9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
2	0	≡	≡	0	0	0	3	5	6	≡	3	≡	≡	≡	7	3	≡	≡	≡	≡	≡	≡	≡	≡	7
3	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
4	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
5	≡	≡	≡	≡	0	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
6	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
7	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
8	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	≡	≡	10
9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	7	≡	10
10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
11	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
12	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
13	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
14	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
15	≡	10	10	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	10	10
16	10	≡	≡	≡	10	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
17	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
18	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
19	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	≡	10
20	≡	≡	≡	9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
21	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
22	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
23	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
24	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
25	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	5	10
26	10	10	≡	≡	≡	≡	≡	≡	≡	≡	5	3	≡	≡	≡	≡	≡	≡	0	0	0	0	0	3	7
27	10	10	9	3	4	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	9
28	≡	10	10	8	6	10	10	10	10	10	10	9	5	0	0	0	0	≡	≡	≡	≡	≡	≡	≡	8
29	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
30	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	0	0	0	0	≡	≡	8
MEAN.	9·7	10·0	10·0	9·3	9·0	9·7	9·7	9·8	9·8	9·8	9·6	9·7	9·8	9·6	9·6	9·4	9·7	9·7	9·3	9·3	9·3	9·0	9·6	9·6	9·6

CLOUD. DECEMBER 1888.

1	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
2	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	0	0	9
3	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
4	≡	≡	≡	≡	≡	≡	≡	0	≡	≡	≡	≡	≡	0	≡	4	5	0	≡	≡	≡	≡	≡	≡	8
5	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
6	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	10
7	≡	10	≡	10	10	10	10	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
8	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
9	≡	≡	≡	≡	≡	≡	≡	≡	0	5	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9
10	≡	≡	≡	≡	≡	0	0	0	1	0	0	1	9	9	6	0	0	0	0	0	0	0	0	0	3
11	0	3	0	4	8	10	10	10	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9
12	≡	≡	≡	≡	0	≡	≡	≡	≡	2	1	5	7	8	5	9	9	7	7	10	≡	≡	≡	≡	8
13	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
14	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	3	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	10
15	10	≡	≡	≡	≡	0	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
16	≡	≡	≡	≡	2	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
17	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
18	≡	≡	≡	≡	≡	≡	0	0	0	2	9	9	8	8	8	8	1	0	0	0	0	≡	≡	≡	6
19	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10
20	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
21	≡	9	10	≡	≡	≡	≡	2	5	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9
22	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
23	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
24	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	2	10	≡	≡	≡	≡	≡	≡	≡	10	10
25	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
26	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
27	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
28	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	≡	≡	≡	≡	10
29	≡	≡	≡	≡	≡	≡	≡	≡	2	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	4
30	0	0	0	0	0	0	0	0	1	4	0	10	10	≡	10	10	≡	≡	≡	≡	≡	≡	≡	≡	6
31	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
MEAN.	9·4	9·4	9·4	9·5	9·0	9·0	9·0	8·5	8·4	8·5	8·7	9·2	9·5	8·9	9·1	9·1	8·9	8·6	8·9	8·7	9·0	9·0	9·0	9·0	9·0

JANUARY 1888.

	Barometer reduced to 32° and Sea Level.					Temperature—Dry and Wet Bulbs.										S. R. Thermometers. Read at		Direction and Force of Wind (0–12).				Amount of Cloud (0–10).			Rainfall.
	8h	9h	14h	18h	21h	8h		9h		14h		18h		21h		18h	9h	9h		21h		9h	14h	21h	9h
	Ins.	Ins.	Ins.	Ins.	Ins.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n.	Force.	Dir'n.	Force.				Ins.
1	9·564	9·536	9·346	9·318	9·381	34·9	33·8	36·0	33·3	35·3	33·6	33·7	31·6	33·0	32·8	38·5	34·2	S	0	NE	0·3	10	9	3	·080
2	9·080	9·074	9·203	9·180	9·229	30·9	30·1	29·9	29·8	32·9	31·8	35·5	34·8	38·0	36·6	38·6	29·2	S	0	SW	2–3	10	10	9	·410
3	9·547	9·568	9·620	9·571	9·526	40·1	37·5	41·0	38·5	42·3	39·9	43·0	41·9	45·3	43·7	44·0	29·2	SW	1–2	SW	1–2	8	9	10	1·440
4	9·266	9·293	9·307	9·331	9·309	51·3	48·7	50·1	47·9	49·1	47·4	49·1	46·9	47·0	44·1	**51·9**	42·3	S	3–4	SW	1–2	10	10	10	**1·780**
5	9·359	9·390	9·473	9·624	9·703	44·0	43·9	44·0	43·4	43·3	41·9	43·0	38·9	39·3	36·9	49·9	43·3	E	1·0	W	1·0	10	10	4	·075
6	9·742	9·743	9·685	9·764	9·797	42·8	39·9	43·2	40·9	46·0	44·9	46·6	45·7	46·2	45·1	50·0	38·3	SW	1–2	SW	1–2	10	10	7	·375
7	9·957	9·981	0·026	0·003	0·002	44·0	42·9	44·5	43·7	46·7	45·6	46·3	46·1	47·4	47·2	47·5	42·3	SW	0·5	SW	2–3	7	10	10	·670
8	0·132	0·140	0·264	0·343	0·393	49·4	49·2	49·1	48·1	49·1	48·9	47·5	47·1	48·1	46·9	50·7	44·3	SW	2–3	SW	1–2	10	10	10	·140
9	0·440	0·459	0·500	0·533	0·541	49·1	47·9	49·1	47·9	50·2	47·9	47·9	45·1	47·9	46·6	50·5	45·3	SW	1·0	SW	0·5	6	2	0	–
10	0·514	0·500	0·534	0·541	0·575	49·2	47·7	48·1	46·7	47·8	45·9	46·7	44·9	46·2	44·5	49·7	44·3	SW	1–2	SW	0·3	8	9	8	–
11	0·562	0·570	0·574	0·567	0·542	41·0	39·9	41·1	39·9	44·0	41·9	37·0	35·8	33·9	32·8	47·0	39·3	SSW	1·0	Calm	0	10	3	0	–
12	0·519	0·517	0·557	0·570	0·592	36·1	35·8	37·2	36·8	40·3	39·4	41·0	39·9	41·0	40·0	41·3	30·2	SSW	2·0	SSW	0·3	9	10	10	–
13	0·636	0·659	0·659	0·668	0·672	39·5	38·9	39·3	38·9	42·3	41·9	43·0	42·3	43·0	41·9	43·4	38·3	NE	0	Calm	0	10	10	10	–
14	0·658	0·683	0·649	0·657	0·679	40·2	39·9	40·2	39·9	42·3	41·1	40·1	39·9	38·3	37·9	43·8	36·4	Calm	0	E	0	10	10	10	·012
15	0·681	0·687	0·663	0·687	0·679	33·9	32·8	32·9	32·0	36·4	34·8	34·9	33·8	34·9	33·6	40·8	31·0	E	0	NE	0·5	10	9	10	–
16	0·659	0·626	0·609	0·611	0·608	31·7	30·6	31·9	31·0	37·0	34·8	33·1	32·2	33·9	31·8	37·2	28·4	NE	0·3	NE	0	7	2	0	–
17	0·636	0·616	0·621	0·650	0·657	28·9	28·8	28·9	28·8	33·5	31·3	29·9	27·8	25·9	25·8	35·2	27·0	E	0·3	Calm	0	0	0	0	–
18	0·660	0·650	0·638	0·643	0·658	25·9	25·8	25·2	24·8	31·8	31·6	26·5	[26·4]	24·9	[24·8]	33·6	23·7	SE	0	E	0	1	0	0	–
19	0·575	0·562	0·518	0·465	0·450	18·9	[18·5]	19·9	[19·5]	28·7	28·0	28·9	27·8	27·9	26·8	29·8	**17·7**	SE	0·2	Calm	0	1	9	8	–
20	0·352	0·343	0·278	0·219	0·167	32·9	31·8	33·4	31·8	39·9	38·7	41·2	40·4	41·2	40·9	41·8	20·2	SE	0	SW	1·0	10	10	10	·470
21	9·752	9·746	9·661	9·659	9·717	45·3	45·2	45·0	45·9	47·0	46·4	47·8	46·1	45·0	43·9	47·8	37·2	SW	1·0	WSW	0·3	10	10	10	·322
22	9·816	9·820	9·848	9·894	9·956	43·5	42·9	43·5	43·1	46·8	46·1	46·4	45·9	45·4	44·9	48·5	42·3	SW	0	WSW	1–2	9	10	9	·033
23	0·120	0·116	0·092	0·096	0·076	48·9	45·4	47·3	44·9	49·1	46·1	48·5	46·6	48·1	46·1	49·6	42·3	SW	1–2	SW	2–3	9	10	10	·715
24	0·086	0·106	0·116	0·064	0·021	45·2	43·9	45·2	43·9	46·9	45·1	47·5	47·7	46·2	46·1	49·1	44·3	SW	1·0	SW	1·0	8	9	10	1·050
25	9·881	9·854	9·685	9·611	9·416	47·0	46·1	46·2	45·7	48·2	47·1	43·4	39·7	41·2	39·1	49·6	41·3	SW	0·3	SW	3–4	10	9	10	1·125
26	9·914	9·952	0·095	0·189	0·254	38·5	37·1	39·0	37·2	41·3	36·9	38·0	34·8	39·0	35·8	42·8	36·2	SW	0	W	1·0	9	4	8	·050
27	0·156	0·132	[0·117]	0·152	0·178	39·1	33·8	39·0	34·0	[38·0	34·0]	29·9	27·8	28·9	27·6	39·8	35·2	WSW	2–3	NE	0·3	5	[3]	0	–
28	0·182	0·184	0·146	0·144	0·138	26·9	26·0	26·3	24·8	33·9	30·9	31·3	28·8	29·9	28·8	34·6	25·2	ENE	0·3	NE	0	0	0	5	–
29	0·140	0·157	0·152	0·129	0·102	28·9	28·8	39·4	28·8	35·9	32·0	34·6	31·8	34·2	31·9	36·7	24·7	S	0	SSW	0	8	9	9	·073
30	9·954	9·948	9·844	9·672	9·540	34·9	34·1	34·7	34·0	38·5	37·7	39·5	38·9	41·0	38·9	39·7	32·4	SW	0	SW	1–2	10	10	8	·465
31	9·332	9·348	9·586	9·766	9·913	34·9	33·0	38·0	36·0	38·0	35·1	35·6	32·6	34·9	32·0	41·7	33·6	NE	2·0	NE	2–3	10	9	9	·070
Mean.	0·093	0·095	0·099	0·107	0·112	38·6	37·4	38·7	37·5	41·4	39·6	39·9	38·4	39·3	37·9	43·4	34·8		0·82		0·94	7·9	7·6	7·0	9·355

FEBRUARY 1888.

	Ins.	Ins.	Ins.	Ins.	Ins.	Dry.	Wet.	Dry.	Wet	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n.	Force.	Dir'n.	Force.				Ins.
1	0·118	0·112	0·110	0·100	0·099	25·9	25·8	28·9	27·6	31·7	29·8	29·0	28·2	28·9	26·8	36·2	25·0	NE	1–2	NE	0·3	1	8	10	·020
2	9·961	9·882	9·684	9·660	9·762	33·9	31·8	34·9	34·8	40·2	39·1	45·5	44·9	44·0	40·9	46·6	26·2	SW	1·0	SW	1·0	10	10	3	·355
3	9·838	9·851	9·823	9·822	9·840	42·2	41·1	42·2	41·9	44·2	43·5	44·6	44·0	47·0	46·1	46·4	39·3	SW	1·0	SW	1·0	10	9	10	·190
4	0·052	0·078	0·114	0·114	0·112	45·0	44·1	44·5	43·9	45·2	44·9	46·0	45·1	45·0	44·9	48·7	43·3	N	0	SW	1·0	10	10	10	**·565**
5	0·020	0·030	0·068	0·107	0·130	49·1	47·9	49·3	48·1	50·1	48·9	49·1	47·9	49·9	48·0	**50·7**	43·3	SW	0·5	SW	1·0	10	10	10	·040
6	0·196	0·200	0·204	0·146	0·102	47·0	45·1	47·0	45·1	48·1	45·9	46·2	45·7	47·3	46·4	50·4	45·4	SSW	1·0	SSW	2–3	9	9	10	·105
7	0·110	0·111	0·080	0·010	0·009	44·2	39·9	43·5	40·4	45·2	41·9	46·5	43·0	46·2	43·9	48·4	41·7	SW	1·0	WSW	2–3	9	10	10	·176
8	9·952	9·958	9·928	9·854	9·856	47·0	44·1	47·0	44·8	47·9	46·2	47·8	45·9	48·1	46·1	49·2	45·2	W	1–2	SW	1–2	8	10	10	·150
9	9·952	9·952	9·912	9·834	9·800	41·5	38·9	41·6	37·9	44·0	38·9	42·3	37·9	39·0	36·9	50·0	40·3	WSW	2·0	SW	1–2	4	10	8	·350
10	9·605	9·613	9·588	[9·581]	9·546	34·9	32·1	34·7	32·0	33·1	31·8	31·9	31·0	30·9	29·8	43·2	33·7	NW	0·3	SW	0·5	9	10	8	·190
11	9·448	9·494	9·433	[9.390]	9·372	20·9	[20.5]	19·9	[19·6]	31·2	29·6	28·2	26·8	31·1	29·8	32·7	20·0	E	0·3	S	0·3	0	5	9	–
12	9·388	9·395	9·398	9·382	9·423	21·9	[21·4]	25·2	21·3	32·9	31·7	33·8	31·8	31·9	30·3	34·8	22·0	E	0	SW	1·0	7	9	10	[·400]
13	9·424	9·424	9·532	9·696	9·746	30·1	29·8	30·4	30·3	32·9	31·8	29·3	27·8	29·9	28·3	35·7	21·7	SW	2–3	E	0·3	10	9	6	·283
14	0·015	0·022	0·071	0·115	0·155	30·9	29·8	30·9	29·8	37·3	34·0	33·8	31·8	32·7	30·8	39·6	25·2	NE	0	NE	0	9	3	9	-
15	0·299	0·302	0·319	0·342	0·345	22·4	[21·8]	22·4	[21·8]	31·9	29·8	22·9	20·8	16·9	[16·5]	34·6	22·7	NE	0·5	E	0	0	0	0	–
16	0·412	0·404	0·330	0·260	0·215	12·9	[12·7]	13·9	[13·6]	29·9	26·8	31·9	30·8	33·3	31·8	33·1	**11·7**	ENE	0	SW	1–2	0	3	10	·135
17	0·196	0·199	0·253	0·254	0·257	30·1	30·0	31·9	31·3	36·1	33·8	34·9	32·3	33·9	32·0	40·8	27·8	ENE	0	SSE	1·0	3	5	3	–
18	0·028	0·014	9·960	9·899	9·831	36·9	35·1	38·0	36·4	38·3	34·6	33·9	32·0	32·9	31·3	39·8	32·2	S	0	E	1·0	9	8	10	·040
19	9·980	9·990	0·045	0·040	0·049	29·9	28·8	30·4	29·4	34·9	32·2	33·9	31·8	34·1	31·7	37·2	28·5	NE	1–2	NE	1·0	2	9	9	·010
20	0·055	0·061	0·118	0·141	0·177	35·1	32·8	36·1	32·8	38·6	35·0	35·9	33·8	32·7	30·9	39·7	32·2	ENE	1·0	ENE	0·5	8	10	5	–
21	0·168	0·167	0·135	0·127	0·132	32·0	30·8	33·1	31·7	37·2	35·8	36·4	35·3	36·6	33·5	38·3	29·2	ENE	0	ENE	1·0	6	10	8	·050
22	0·127	0·129	0·102	0·127	0·148	35·9	33·8	37·5	34·8	40·2	35·8	34·4	30·8	35·9	33·8	41·6	32·5	NE	1–2	E	0	7	2	8	–
23	0·237	0·240	0·247	0·267	0·292	28·9	26·8	31·9	27·8	39·5	33·9	34·1	30·6	29·9	27·8	41·7	28·2	E	0	E	0	0	0	0	–
24	0·333	0·332	0·313	0·311	0·314	29·9	28·8	30·9	29·8	33·9	31·8	32·1	30·8	31·9	29·8	34·8	25·2	E	0	SW	0	10	10	9	–
25	0·350	0·348	0·324	0·324	0·321	26·9	26·8	29·9	28·8	35·2	31·8	33·9	31·8	34·9	32·0	35·8	26·2	NE	0·3	NE	2·0	3	0	0	–
26	0·355	0·373	0·369	0·373	0·403	35·7	33·3	37·2	34·3	39·1	36·1	37·0	34·8	36·9	34·8	40·7	32·0	E	0	E	0	9	10	9	–
27	0·481	0·493	0·523	0·541	0·577	33·9	32·3	35·4	33·7	39·5	35·3	34·9	32·6	34·9	32·0	41·3	33·2	NE	0	NE	0	10	10	10	–
28	0·609	0·618	0·583	0·573	0·586	29·4	28·8	29·4	28·8	41·3	36·7	34·3	30·2	31·7	30·6	42·7	28·0	E	0·3	NE	0·5	3	0	1	–
29	[0·571]	0·567	0·547	0·549	0·577	33·1	31·8	34·2	32·1	42·0	38·9	38·8	35·8	34·9	32·8	43·6	29·7	NE	0	E	0·3	8	6	2	–
Mean.	0·079	0·081	0·073	0·067	0·075	33·4	32·0	34·2	32·6	38·7	36·1	36·7	35·0	36·0	34·1	41·3	30·7		0·61		0·80	6·3	7·1	7·1	3·059

MARCH 1888.

	Barometer reduced to 32° and Sea Level.					Temperature—Dry and Wet Bulbs.										S. R. Thermometers. Read at		Direction and Force of Wind (0–12).				Amount of Cloud (0–10).			Rainfall.
	8h	9h	14h	18h	21h	8h		9h		14h		18h		21h		18h	9h	9h		21h		9h	14	21h	9h
	Ins	Ins.	Ins.	Ins.	Ins.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n.	Force.	Dir'n.	Force.				Ins.
1	0·547	0·557	0·473	0·421	0·399	32·9	31·3	33·4	31·8	42·9	37·9	35·9	33·8	34·9	32·8	44·2	28·2	E	0	E	0	7	1	10	·010
2	0·219	0·179	0·056	0·004	0·034	33·9	33·1	34·9	34·9	44·5	41·8	42·0	39·4	35·9	34·8	45·7	27·2	SW	0	E	1·0	10	9	0	·013
3	0·151	0·153	0·153	0·125	0·089	32·1	30·8	32·9	31·8	37·3	32·6	35·2	32·0	35·1	32·0	42·8	30·5	NE	1·0	SW	1·0	7	9	10	·003
4	9·937	9·937	9·946	9·966	9·992	38·2	34·8	37·0	34·0	42·5	36·6	38·5	33·8	33·9	30·8	43·2	34·2	ENE	0·3	E	0·3	2	4	1	–
5	9·975	9·964	9·859	9·803	9·797	26·4	26·3	29·7	28·8	38·9	36·8	40·0	38·9	40·0	38·9	41·0	23·2	S	0	SW	1·0	9	8	8	·090
6	9·851	9·849	9·828	9·832	9·815	40·3	39·0	42·0	39·9	46·2	42·8	45·1	42·9	46·0	43·9	47·7	37·7	SW	0·5	SW	1–2	9	9	8	1·400
7	9·553	9·546	9·555	9·545	9·527	47·0	46·1	48·6	46·9	48·0	46·7	45·0	44·9	45·5	45·4	**49·7**	43·2	SW	2–3	SW	2·0	10	10	10	**2·060**
8	9·364	9·360	9·237	9·123	9·094	46·0	43·2	46·0	45·2	47·6	46·8	46·2	45·8	47·0	46·2	49·1	43·3	SW	1–2	SW	1–2	10	10	10	·795
9	8·951	8·935	8·880	8·858	8·891	46·0	45·4	46·5	45·9	47·0	46·1	46·6	46·0	46·0	45·1	48·9	43·2	SW	1–2	Calm	0	10	10	2	·137
10	9·109	9·124	9·213	9·265	9·295	44·1	43·9	44·3	43·9	47·0	45·5	45·8	43·9	42·0	40·9	47·7	42·5	SW	1·0	SW	0·3	10	8	1	·028
11	9·205	9·199	9·180	9·227	9·268	40·9	38·5	41·9	38·9	43·0	38·4	39·0	35·8	37·0	33·0	46·8	38·3	NE	1–2	SSE	1–2	9	9	7	–
12	9·490	9·517	9·568	9·623	9·656	31·2	28·8	31·2	29·1	35·4	32·0	33·3	32·1	31·9	28·8	39·5	28·2	NE	1–2	NE	0·5	6	8	1	–
13	9·682	9·674	9·588	9·516	9·452	31·9	30·1	32·9	30·8	36·1	32·0	33·7	29·8	32·1	29·9	39·6	28·3	SW	0	SSW	2–3	8	7	1	–
14	9·280	9·284	9·260	9·262	9·284	34·7	33·6	36·2	34·1	35·9	32·0	34·9	31·8	36·1	31·8	37·1	30·2	SSE	1–2	NE	0·5	7	9	9	–
15	9·374	9·386	9·462	9·545	9·572	35·4	32·0	36·4	32·1	37·5	32·1	32·3	29·8	31·9	29·0	38·8	34·0	E	1–2	NE	2–3	8	8	3	–
16	9·802	9·808	9·846	9·886	9·932	25·9	25·1	29·9	28·5	36·2	31·6	32·9	30·8	26·1	25·8	38·8	23·2	NE	1–2	S	0	1	2	0	–
17	0·019	0·030	0·056	0·144	0·197	27·7	27·0	28·9	28·0	35·0	31·8	35·4	32·0	32·4	31·8	36·1	**21·2**	ENE	0	E	0	10	9	1	–
18	0·408	0·410	0·399	0·439	0·485	26·4	25·8	29·9	29·8	46·3	37·9	42·3	36·8	33·6	32·2	48·1	24·0	NE	0·3	NE	0	0	0	0	–
19	0·502	0·490	0·391	0·340	0·352	28·4	28·3	31·9	31·8	46·0	37·9	39·7	35·2	32·1	31·8	46·4	27·2	E	0	E	0	1	0	0	–
20	0·382	0·396	0·353	0·380	0·446	27·5	27·4	31·5	27·8	46·0	37·8	42·8	37·5	32·9	31·8	47·4	22·4	NE	0	E	0	0	0	1	–
21	9·438	0·432	0·325	0·230	0·130	27·5	26·8	31·8	30·6	40·0	36·6	38·0	37·9	39·2	39·1	42·9	23·2	SW	0·3	SW	1–2	10	10	10	·313
22	9·849	9·829	9·748	9·717	9·690	40·2	39·8	40·2	39·3	44·5	41·9	39·2	38·1	37·0	35·1	47·3	36·5	NE	2·0	NE	1–2	9	8	10	·010
23	9·621	9·617	9·520	9·430	9·416	33·9	30·8	34·2	30·8	39·3	33·4	34·9	33·5	33·9	33·8	41·6	31·2	NE	2·0	E	1–2	8	7	10	·123
24	9·410	9·410	9·440	[9·516]	9·480	35·9	34·8	36·2	35·1	38·9	37·0	37·3	36·6	35·9	34·8	39·8	23·4	NE	3–4	NE	2–3	10	10	10	·130
25	[9·212]	9·177	9·038	8·992	9·006	31·2	30·8	32·9	31·6	37·4	36·6	35·2	32·3	31·9	29·8	39·0	29·2	NE	0·3	NE	0·5	3	8	8	–
26	9·050	9·050	9·063	9·058	9·046	34·2	31·8	35·9	31·8	40·2	35·0	38·2	34·7	34·3	32·8	42·0	29·0	NE	0·3	NE	1–2	7	4	9	·015
27	8·916	8·887	[8·839]	8·883	8·934	29·9	29·3	34·9	31·8	40·6	34·9	34·9	32·1	28·9	27·7	42·7	29·2	SSE	0·3	NE	0	1	5	0	–
28	9·046	9·044	9·023	9·053	9·046	28·9	28·8	34·1	30·0	38·8	33·5	33·7	32·4	33·9	32·8	42·6	24·7	NE	2·0	N	2–3	9	10	10	·180
29	9·078	9·076	9·131	9·169	9·211	34·1	33·8	37·2	36·0	40·0	38·3	39·0	37·7	39·0	36·7	40·8	32·0	NE	2–3	NE	1–2	9	10	9	·023
30	9·400	9·418	9·484	9·581	9·667	38·1	37·0	39·1	37·1	42·5	38·9	41·2	37·9	40·0	36·8	43·8	36·6	NE	1–2	E	0·5	9	9	9	–
31	9·894	9·907	9·974	0·032	0·097	33·5	31·1	37·0	33·8	43·0	38·9	40·5	36·0	36·6	34·5	45·7	31·2	NE	0·3	NE	0·5	2	7	9	–
MEAN.	9·668	9·666	9·642	9·644	9·655	34·3	33·1	36·1	34·3	41·4	37·5	38·7	36·2	36·2	34·5	43·4	30·9		1·00		9·71	6·8	7·0	5·6	5·330

APRIL 1888.

	Ins.	Ins.	Ins.	Ins.	Ins.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n.	Force.	Dir'n.	Force.				Ins.
1	0·106	0·091	0·006	9·963	9·943	35·9	33·8	38·4	35·7	43·0	42·2	45·8	42·9	45·6	44·1	48·5	30·3	SW	0·3	WSW	1–2	10	10	10	·053
2	9·916	9·916	9·948	0·016	0·090	40·0	36·1	41·4	37·1	41·6	36·9	37·3	34·8	32·2	31·8	46·5	38·1	NE	0·3	NE	0–5	4	9	2	·010
3	0·099	0·095	0·036	9·971	9·942	32·9	30·9	35·9	32·0	43·1	37·9	41·0	36·6	39·2	35·8	44·2	28·2	S	0	WNW	1–2	7	9	7	·043
4	9·845	9·860	9·922	9·978	0·068	37·6	35·6	38·5	35·3	42·3	38·2	39·4	38·0	38·3	36·8	46·5	33·5	NE	1–2	E	0–5	8	9	9	–
5	0·217	0·235	0·300	0·214	0·248	31·9	30·0	36·1	33·8	45·0	39·8	43·9	40·1	41·0	38·9	46·1	**27·2**	NE	0·3	SW	0	0	9	9	–
6	0·315	0·317	0·300	0·283	0·322	33·9	32·8	39·0	37·0	51·1	43·4	46·9	41·7	38·8	36·8	52·7	28·2	NE	0·3	SW	0·3	1	3	1	–
7	0·260	0·274	0·212	0·184	0·190	40·0	38·7	42·4	40·6	49·9	44·5	49·8	44·6	45·0	42·9	51·5	36·2	N	0	NE	1–2	10	10	9	–
8	0·164	0·169	0·098	0·090	0·123	42·0	38·4	44·4	39·3	49·7	43·1	46·0	41·6	40·5	38·7	49·9	38·5	E	0	ENE	0·3	1	4	4	–
9	0·185	0·102	0·050	0·056	0·086	34·3	32·0	39·2	36·9	53·3	46·7	48·5	45·7	45·0	41·9	55·5	38·2	E	0·3	NE	0	3	9	8	·045
10	0·089	0·077	0·009	9·920	9·897	42·3	39·9	43·8	41·1	45·0	44·7	44·2	43·9	43·3	42·9	48·7	36·2	W	0·3	SW	1·0	10	10	10	·223
11	9·816	9·826	9·852	9·828	9·831	48·6	43·9	44·3	37·5	45·0	41·5	41·5	38·5	39·3	36·6	48·9	41·3	N	1–2	WSW	1·0	6	9	10	·130
12	9·770	9·762	[9·692]	9·575	9·422	37·0	35·3	40·8	37·7	42·2	39·9	40·1	39·7	42·5	42·2	44·6	32·2	W	0	SW	1–2	4	10	10	·352
13	9·425	9·458	9·574	9·637	9·645	45·0	42·1	45·2	42·1	47·6	43·9	45·0	42·8	43·0	41·1	49·7	39·3	W	2–3	SW	0·5	7	9	9	·270
14	9·675	9·686	9·742	9·778	9·794	45·3	45·0	48·3	47·3	52·6	50·0	50·9	47·9	46·5	45·2	54·2	39·8	SW	1·0	Calm	0	9	8	6	·090
15	[9·729]	9·720	9·654	9·645	9·648	50·2	46·0	49·7	46·9	50·1	47·7	47·1	46·2	45·5	45·1	53·7	42·1	NE	0	SW	1·0	9	10	10	·305
16	9·643	9·629	9·656	9·616	9·578	43·9	42·2	44·2	43·1	48·1	47·0	49·8	47·1	50·2	45·1	50·3	38·7	SW	0·5	SW	1–2	9	9	9	·075
17	9·451	9·440	9·376	9·359	9·391	48·4	45·0	50·2	45·9	51·9	47·0	48·3	46·8	45·5	45·4	53·7	46·8	SW	0	SW	1·0	9	9	9	·100
18	9 403	9·407	9·395	4·395	9·418	44·8	43·3	45·9	43·7	52·1	46·4	52·4	47·1	44·0	42·1	56·5	41·3	SW	0	E	0	9	5	7	·095
19	9·530	9·537	9·525	9·575	9·602	43·5	41·9	47·0	43·9	55·4	48·9	48·1	46·8	44·0	42·9	**57·5**	38·3	NE	0	SW	0·5	6	4	9	·122
20	9·801	9·812	9·906	9·964	9·992	41·9	39·9	42·5	40·2	43·2	39·9	39·9	36·9	37·0	33·8	48·5	40·8	NE	4–5	NE	1–2	10	9	4	–
21	0·002	0·002	9·992	9·968	9·987	39·8	35·6	42·0	36·9	43·6	38·2	42·0	36·6	33·1	30·9	45·9	32·4	ENE	3–4	E	0·5	7	9	1	–
22	9·979	9·976	9·991	0·016	0·043	38·0	34·8	40·0	36·7	44·8	41·1	42·5	40·4	40·0	38·7	49·7	28·2	NE	1–2	NE	2–3	9	9	10	·033
23	0·105	[0·009]	0·122	0·131	0·201	40·2	37·9	42·3	39·3	45·0	39·4	42·5	37·9	39·4	36·0	48·5	37·5	NE	2–3	NE	2·0	8	10	8	–
24	0·235	0·230	0·206	0·209	0·275	41·9	35·8	44·0	36·3	53·1	42·9	46·9	41·5	40·0	36·9	54·6	33·0	NE	2·0	ENE	1–2	0	0	5	–
25	0·328	0·325	0·328	0·309	0·336	41·9	38·2	43·1	38·9	49·1	41·9	46·7	41·1	38·0	34·9	49·9	34·0	NE	1–2	E	0·5	2	2	0	–
26	0·308	0·299	0·220	0·154	0·091	37·2	34·6	40·0	36·9	48·1	43·7	47·0	42·7	44·0	42·9	52·1	26·2	SE	0	SW	1–2	8	9	9	·543
27	9·866	9·863	9·878	9·884	9·898	47·0	42·9	48·2	43·0	50·3	44·1	46·0	42·4	45·0	41·9	51·7	42·3	W	2–3	SW	0·5	9	9	9	·393
28	9·749	9·724	9·612	9·489	9·423	44·0	43·2	44·0	43·9	47·0	45·7	46·2	45·4	46·0	45·1	50·1	41·3	SW	1–2	SSW	3–4	10	10	10	·730
29	9·337	9·337	9·398	9·463	9·471	44·2	40·4	46·2	41·1	49·5	45·2	43·0	41·4	41·8	40·1	51·6	41·3	SW	2–3	SW	1·0	7	4	10	·312
30	9·449	9·444	9·403	9·355	9·307	45·1	41·9	45·9	42·2	50·6	44·9	49·3	45·9	46·0	44·8	52·9	39·3	SW	0	SW	0	9	9	10	·110
MEAN.	9·893	9·887	9·880	9·868	9·875	41·3	38·6	43·1	39·7	47·8	43·2	45·3	42·2	42·3	40·1	50·5	36·0		1·03		0·97	6·7	7·8	7·5	4·034

MAY 1888.

	Barometer reduced to 32° and Sea Level.					Temperature—Dry and Wet Bulbs.										S. R. Thermometers. Read at		Direction and Force of Wind (0–12).		Amount of Cloud (0–10).			Rainfall.
	8h	9h	14h	18h	21h	8h		9h		14h		18h		21h		18h	9h	9h	21h	9h	14h	21h	9h
	Ins.	Ins.	Ins.	Ins.	Ins.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n. Force.	Dir'n Force.				Ins.
1	9·082	9·071	9·074	9·158	9·342	49·1	45·4	50·3	40·4	49·3	47·9	48·1	47·1	45·0	41·9	53·8	43·8	NE 0	SW 3–4	8	10	9	·212
2	9·285	9·253	9·140	9·074	9·015	45·2	41·1	44·5	41·4	53·1	48·1	46·8	43·9	44·0	41·9	53·5	38·3	S 0·5	SW 2–3	10	8	10	·810
3	9·180	9·268	9·555	9·687	9·771	46·0	42·9	44·0	41·2	47·0	40·9	44·7	40·9	42·0	36·8	48·5	40·3	SW 3–4	SW 1·0	10	8	8	·213
4	9·959	9·968	9·964	9·981	9·958	41·2	39·9	41·2	39·8	46·4	42·9	45·0	41·4	40·2	38·9	48·7	37·0	SW 1·0	SW 1–2	7	7	10	·506
5	9·987	9·960	0·032	0·084	0·092	43·0	38·9	43·4	38·9	47·5	42·0	46·5	42·0	44·0	41·0	50·8	34·2	W 1·0	SW 0·3	9	9	7	·040
6	0·081	0·084	0·038	0·028	0·028	46·0	44·9	45·3	44·9	47·5	47·1	50·2	49·4	50·2	49·4	50·4	39·3	WSW 0·5	SW 1–2	10	10	10	·580
7	9·960	9·962	9·957	9·912	9·905	49·1	48·9	48·4	48·1	50·6	49·9	48·8	48·4	50·1	48·9	52·3	46·3	SW 1–2	SW 1–2	10	10	10	**1·050**
8	0·014	0·044	0·138	0·181	0·216	45·3	41·1	46·0	41·1	43·8	39·7	44·0	38·7	43·0	37·9	50·7	41·3	SW 1–2	SW 1·0	7	7	9	·043
9	[0·327]	0·323	0·348	0·345	0·366	43·5	38·4	44·5	38·9	49·3	41·9	48·2	42·9	42·0	38·2	51·7	36·1	SW 0	ESE 0·5	9	8	0	–
10	0·407	0·412	0·414	0·424	0·468	44·3	40·9	47·4	42·4	58·1	48·7	52·1	45·7	47·0	42·9	58·8	**32·2**	N 1·0	NE 0·5	0	2	3	–
11	0·515	0·501	0·450	[0·411]	0·455	45·6	41·9	49·5	44·3	57·8	49·0	54·1	46·9	44·0	40·9	59·4	33·5	NE 0·3	SW 1·0	0	0	0	–
12	0·442	0·439	0·400	0·361	0·364	44·0	41·6	47·1	43·1	53·0	47·7	50·1	45·2	48·1	43·9	55·4	33·1	WSW 0·3	WSW 1·0	10	9	10	·080
13	0·079	0·065	0·000	9·992	9·995	48·3	47·1	49·6	46·9	50·6	44·9	48·1	43·3	44·0	40·9	53·1	45·3	WSW 1–2	NNE 1·0	10	7	7	·020
14	9·945	9·943	9·833	9·751	9·713	43·3	38·9	43·7	39·9	51·6	43·9	45·8	40·7	43·0	39·9	53·0	34·5	NW 1·0	NW 0·5	8	9	10	·050
15	9·539	9·513	9·489	9·489	9·514	42·0	40·4	44·0	42·9	47·0	43·9	47·9	45·4	45·8	44·4	49·6	38·3	NE 0·3	Calm 0	10	10	10	·010
16	9·516	9·507	9·439	9·381	9·334	48·8	45·1	52·6	46·9	50·9	46·2	50·5	46·6	49·1	45·9	54·7	43·2	SW 0	SSE 1·0	10	10	9	·050
17	9·233	9·241	9·250	9·311	9·333	50·1	47·4	50·5	47·8	49·1	41·9	51·6	48·9	48·1	46·7	57·6	45·3	SW 1–2	SW 1–2	9	10	9	·260
18	9·543	9·536	9·557	9·555	9·569	51·1	48·7	58·7	50·4	58·0	52·7	54·1	52·9	57·0	55·1	60·2	45·3	SW 0·5	SW 1·5	9	10	10	·490
19	9·594	9·601	9·585	9·554	9·594	60·2	57·0	67·7	61·1	72·3	62·4	63·9	59·1	62·4	57·8	**75·0**	52·2	WSW 0	SW 1–2	7	9	10	·380
20	9·946	9·929	0·057	0·148	0·249	50·1	48·9	51·6	49·7	53·8	51·8	54·9	51·1	50·4	48·1	65·6	47·3	SW 1–2	W 0	3	9	1	·090
21	0·425	0·415	0·440	0·437	0·501	50·1	46·9	55·1	51·7	65·4	57·0	62·7	56·2	55·1	52·1	69·1	38·3	NE 0	SW 0	4	2	0	–
22	0·543	0·535	0·485	0·480	0·522	55·8	51·4	59·7	54·5	70·9	61·0	66·7	58·9	56·8	51·4	72·8	45·3	Calm 0	NE 0·5	0	4	1	–
23	0·553	0·540	0·500	0·479	0·516	54·4	50·1	58·5	53·7	72·9	58·6	69·7	57·1	57·0	51·9	74·8	45·0	NE 0	NE 0·5	2	5	0	–
24	0·509	0·497	0·431	0·394	0·406	55·4	50·9	60·2	52·1	71·6	58·6	67·4	56·8	56·8	49·7	72·8	43·3	NE 0·3	NE 0	0	0	0	–
25	0·352	[0·334]	0·249	0·263	0·255	55·1	48·9	58·9	51·7	67·7	56·0	61·8	54·0	51·1	47·2	68·6	41·6	N 0·3	NNE 0·5	6	1	3	–
26	0·182	0·174	0·090	9·999	9·957	48·1	44·9	51·1	45·9	58·9	56·2	53·1	52·1	48·4	44·2	62·8	40·3	N 1·0	E 0·5	3	0	5	–
27	9·832	9·822	9·770	9·798	9·813	48·1	43·7	48·9	44·4	55·5	48·9	45·5	43·1	43·0	40·3	59·8	43·3	NE 1–2	NE 2·0	9	5	10	–
28	9·894	9·894	9·893	9·913	9·927	45·0	39·7	48·1	41·7	51·1	44·1	50·6	45·1	47·1	41·9	54·3	38·6	E 1·0	S 1–2	7	9	5	–
29	9·920	9·886	9·818	9·687	9·585	45·0	40·4	46·0	41·2	45·2	42·9	47·0	43·9	47·9	45·2	50·9	36·2	E 1–2	E 0·5	10	10	10	·300
30	9·197	9·201	9·201	9·283	9·304	50·2	47·9	50·2	48·9	49·4	48·9	48·9	48·1	48·1	47·9	53·7	44·3	NE 0	SW 0·3	10	10	10	·902
31	9·447	9·475	9·666	9·806	9·890	48·3	45·7	48·1	45·7	46·6	43·4	45·2	43·7	44·2	42·1	50·0	44·3	SW 1·0	WSW 2–3	10	10	9	·300
MEAN.	9·919	9·916	9·911	9·915	9·934	48·1	44·8	50·1	45·9	54·6	48·7	52·1	47·7	48·3	45·0	57·8	40·9	0·77	1·02	7·0	7·0	6·6	6·386

JUNE 1888.

	Ins.	Ins.	Ins.	Ins.	Ins.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n. Force.	Dir'n. Force.				Ins.
1	0·096	0·116	0·182	0·221	0·281	45·0	41·2	45·6	41·7	50·6	46·0	54·5	49·8	44·6	40·9	54·2	41·5	WSW 1–2	NNW 0·5	8	4	9	–
2	0·227	0·223	0·181	0·091	0·045	46·2	42·9	47·3	43·9	44·5	40·7	42·8	39·4	43·3	40·2	53·7	27·2	E 0	SE 2–3	10	10	10	·400
3	9·840	9·840	9·818	9·830	9·926	44·1	43·0	44·9	43·0	43·1	42·2	40·3	39·7	38·8	36·9	47·9	40·3	NE 0·5	NE 1·0	10	10	10	·350
4	0·071	0·099	0·148	0·182	0·253	43·3	41·2	44·8	42·0	53·6	49·1	55·3	51·0	44·8	42·9	56·5	37·3	NE 1–2	E 0	6	5	1	–
5	0·253	0·246	0·175	0·149	0·157	47·9	43·1	51·0	46·1	63·3	57·0	55·5	51·1	50·1	44·9	63·6	**35·2**	NE 1·0	E 3–4	2	2	4	–
6	0·015	0·015	9·996	9·942	9·832	51·2	46·7	51·2	47·5	51·3	47·9	47·3	44·9	47·0	44·9	56·1	39·4	N 2–4	SE 2–5	8	10	10	·085
7	9·747	9·741	9·695	[9·652]	9·663	51·6	49·1	54·3	50·9	60·4	56·8	58·8	55·8	55·6	54·0	64·8	44·5	NE 0·3	SW 0	4	9	9	·020
8	9·661	9·659	[9·634]	9·623	9·623	54·1	52·2	56·3	55·8	57·0	56·8	55·8	54·2	54·1	53·1	61·6	49·2	SW 0	NE 0	10	10	10	·190
9	9·596	9·593	9·566	9·596	9·625	53·7	52·1	54·6	54·0	56·0	54·7	51·3	50·1	49·5	46·2	59·8	50·7	NE 0	SW 1–2	10	10	10	·140
10	9·744	9·756	9·892	9·956	9·997	48·1	46·9	48·6	47·4	54·1	52·0	54·4	52·4	47·6	46·7	57·6	45·3	W 3–4	WSW 0·5	10	7	6	·010
11	9·936	9·902	9·818	9·727	9·685	51·2	49·2	54·1	51·9	54·5	53·1	53·8	52·6	50·2	50·0	63·6	43·3	W 0·5	Calm 0	4	10	10	·770
12	9·436	9·430	9·368	9·372	9·449	54·9	53·1	55·0	53·4	56·4	55·5	51·9	50·9	47·3	46·9	63·6	49·2	SW 0	SW 1–2	10	10	8	·445
13	9·627	9·646	9·683	9·703	9·752	48·7	47·9	51·3	50·0	59·0	56·0	59·9	58·0	51·9	50·5	63·0	54·0	SW 1–2	S 0·5	6	1	1	–
14	9·880	9·880	9·879	9·892	9·914	51·9	49·7	56·0	53·8	62·3	60·5	58·9	57·6	56·8	55·0	63·2	39·3	W 0·3	ESE 0·3	2	5	4	·093
15	9·847	[9·847]	9·870	9·933	0·005	51·1	49·9	51·1	49·9	61·7	59·9	62·8	61·3	54·2	49·4	67·3	46·4	SW 0	NE 1·0	10	6	1	–
16	0·103	0·104	0·076	0·084	0·125	53·1	49·9	57·0	52·2	71·0	59·4	65·8	58·1	59·0	54·0	73·3	43·3	NNE 1–2	N 0	2	6	9	–
17	0·154	0·152	0·121	0·176	0·192	55·0	51·0	61·9	56·0	69·9	58·9	65·9	57·0	58·0	54·0	71·7	44·3	N 0	N 0	0	0	0	–
18	0·303	0·303	0·311	0·310	0·345	53·6	49·9	56·0	51·2	62·9	56·0	64·1	55·8	54·0	50·0	67·0	46·6	NE 2·0	NE 1–2	3	1	3	–
19	0·371	0·348	0·258	0·266	0·170	52·2	47·5	55·0	49·2	68·7	58·7	64·9	56·9	53·1	44·9	70·3	40·3	NE 1·0	NE 2–3	1	6	2	–
20	0·262	0·247	0·175	[0·166]	0·200	54·1	44·4	58·0	51·9	70·9	61·2	60·9	55·2	53·9	51·6	72·5	42·3	NE 1–2	NE 2–3	0	1	1	–
21	0·246	0·243	0·201	0·211	0·264	54·1	50·2	57·2	52·4	71·9	62·2	68·9	61·2	56·2	51·1	73·8	45·8	NE 1–2	NE 0·3	3	5	2	–
22	0·283	0·267	0·216	0·218	0·294	53·3	48·7	56·6	50·9	70·9	61·7	61·7	57·8	55·6	50·5	71·8	44·3	ENE 2–3	NE 1·0	0	0	0	–
23	0·359	0·351	0·285	0·274	0·294	53·0	48·9	58·0	50·9	78·4	62·2	70·9	56·3	56·6	48·9	80·4	44·3	NE 0·5	NE 1–2	0	1	0	–
24	0·259	0·239	0·143	0·136	0·150	55·0	49·9	59·3	52·9	79·8	64·2	77·1	64·6	66·2	58·0	81·0	42·9	NE 0·5	S 0·3	0	0	2	–
25	0·124	[0·112]	0·042	0·005	0·022	67·9	57·0	72·7	60·1	83·6	69·8	80·0	66·2	73·4	62·4	**85·8**	54·2	NE 0·3	ESE 0	0	1	6	–
26	9·961	9·949	9·872	9·842	9·827	66·9	59·1	73·1	63·2	82·0	63·9	79·0	63·2	67·3	58·5	84·4	56·2	NE 0	S 0	0	7	1	–
27	9·709	9·693	9·646	9·585	9·590	68·9	60·2	68·2	60·2	78·6	67·5	76·7	65·2	64·5	56·2	81·4	58·6	S 0·3	E 0·5	4	4	1	–
28	9·554	9·555	9·544	9·549	9·571	59·8	56·1	60·2	57·6	61·3	58·3	56·7	55·3	53·2	51·8	62·8	55·2	NE 1·0	NNE 2–3	8	10	10	·020
29	9·616	9·619	9·627	9·650	9·512	49·3	45·9	51·1	46·7	62·5	53·3	62·5	58·1	51·1	40·9	64·8	47·2	NNE 2–3	NE 0·5	4	1	2	–
30	9·801	9·801	9·837	[9·875]	9·950	52·6	46·4	56·0	48·9	64·6	54·6	62·2	53·2	51·1	45·9	66·8	43·8	NE 2–3	NE 1–2	6	0	1	–
MEAN.	9·969	9·966	9·942	9·941	9·957	53·1	49·1	55·5	51·2	63·5	56·7	60·7	55·1	53·6	49·4	66·8	45·4	1·04	1·03	4·7	5·1	4·8	2·523

JULY 1888.

	Barometer reduced to 32° and Sea Level.					Temperature—Dry and Wet Bulbs.										S. R. Thermometers. Read at		Direction and Force of Wind (0–12).				Amount of Cloud (0–10).			Rainfall.
	8h	9h	14h	18h	21h	8h		9h		14h		18h		21h		18h	9h	9h		21h		9h	14h	21h	9h
	Ins.	Ins.	Ins.	Ins.	Ins.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n.	Force.	Dir'n.	Force.				Ins
1	9·999	0·000	9·955	9·923	9·948	51·1	45·0	54·3	47·5	63·7	53·7	61·9	52·4	54·1	49·4	66·2	39·3	NE	1·0	SW	0·3	0	0	3	–
2	9·782	9·768	9·582	9·432	9·356	54·7	50·9	55·1	50·1	60·2	52·1	54·3	52·7	53·1	51·1	65·7	47·8	SW	0	NE	1–2	9	10	10	**1·065**
3	9·340	9·350	9·397	9·405	9·407	51·1	49·9	53·0	51·1	51·9	50·0	50·3	48·9	49·1	47·9	54·6	49·2	NE	2–3	E	1·0	10	10	10	·120
4	9·361	9·349	9·363	9·401	9·408	51·4	50·2	53·1	51·6	57·2	53·1	55·2	51·7	52·1	48·9	58·8	44·3	NNE	1–2	NE	2·0	10	10	9	·050
5	9·499	9·504	[9·557]	9·617	9·669	48·3	45·2	49·9	46·1	53·3	49·1	52·9	48·9	49·1	46·4	56·8	46·3	NE	2·0	NE	1–2	10	10	10	–
6	9·804	9·808	9·840	9·839	9·891	49·3	44·9	52·3	46·4	60·4	50·9	58·0	49·9	50·1	47·5	61·8	**38·3**	NE	1·0	E	0	2	9	5	·010
7	9·962	9·965	9·971	9·983	0·016	51·2	46·9	53·5	47·3	62·2	58·5	56·0	50·0	49·1	46·1	62·9	43·3	NE	0	N	0	4	9	0	·023
8	9·978	9·967	9·920	9·880	0·801	51·1	49·7	52·1	49·7	54·3	51·9	52·3	51·7	51·9	51·2	59·8	44·1	WSW	1–2	SW	1·0	9	10	10	·255
9	9·694	9·699	9·767	9·787	9·920	52·9	50·7	54·4	50·7	55·2	51·2	53·8	48·8	51·1	45·9	56·8	50·2	SW	1–2	NNE	2–3	9	10	8	·029
10	9·905	9·868	9·777	9·780	9·858	47·4	45·9	48·0	46·1	55·8	49·1	50·0	43·7	45·1	42·1	55·7	43·6	SW	1–2	NE	1–2	10	8	8	·145
11	9·938	9·940	9·952	9·980	0·007	50·6	46·1	55·1	48·7	56·1	50·2	55·5	49·7	51·1	46·8	59·9	43·3	NE	1–2	NNW	1–2	5	9	2	–
12	0·072	0·076	0·069	0·081	0·082	53·0	47·7	55·4	48·1	62·4	52·4	59·0	50·9	52·8	49·7	64·6	41·3	WSW	0	NE	0·5	0	5	7	–
13	0·073	0·069	0·061	0·053	0·057	51·1	50·5	52·5	51·6	57·0	55·5	59·6	56·6	56·2	54·1	64·8	48·2	SW	0·5	SW	0	10	9	10	·020
14	0·016	0·002	9·971	9·939	9·935	54·3	53·2	57·0	56·0	61·5	57·8	59·2	57·0	57·0	55·4	61·8	51·2	SW	0	SW	0·3	9	9	10	·050
15	9·860	9·833	9·769	9·736	9·726	57·2	55·2	59·7	57·0	59·9	58·9	55·8	54·7	56·8	55·0	60·8	53·2	NE	0	ESE	0	10	10	10	·440
16	9·637	9·618	9·602	9·566	9·591	53·5	52·1	54·6	52·8	54·6	53·2	58·7	55·2	53·7	50·5	59·5	50·7	E	0·3	NE	0·3	10	10	9	·300
17	9·616	9·598	9·583	9·582	[9·663]	52·1	51·0	52·5	51·6	55·1	54·5	57·8	55·8	57·6	55·5	58·9	49·7	NE	1–2	NE	0·3	10	10	10	·150
18	9·749	9·755	9·775	9·805	9·856	57·0	54·9	59·6	57·0	74·9	64·2	65·9	60·4	60·1	58·2	**75·8**	52·2	NE	2·0	SE	0	9	7	10	·020
19	9·895	9·889	9·847	9·839	9·853	56·0	54·7	61·9	58·3	67·5	60·5	64·9	59·1	62·4	58·2	73·8	48·2	W	0	SW	0	0	2	8	–
20	9·827	9·826	9·821	9·805	9·801	60·1	56·8	62·9	57·8	61·1	58·0	58·9	57·0	57·2	56·0	66·0	51·5	SW	0	SW	0	5	10	10	·245
21	9·759	9·741	9·754	9·722	9·721	53·5	53·2	53·5	53·1	61·1	60·2	59·1	57·0	54·2	53·0	66·5	52·7	SW	0·5	E	0	10	8	8	·150
22	9·644	9·632	9·694	9·592	9·570	58·0	54·7	58·4	53·9	60·9	56·0	61·8	57·8	58·3	55·3	64·8	49·2	SW	0	NE	0·3	10	10	10	·212
23	9·394	9·397	9·370	9·368	9·375	56·0	55·4	55·1	54·2	61·2	56·3	56·5	55·0	53·3	52·1	65·0	53·2	SSW	0	SE	0	10	8	3	·273
24	9·394	9·391	9·402	9·438	9·478	55·0	52·9	55·1	53·9	62·4	58·0	57·4	55·1	54·1	53·3	65·8	49·2	NE	0	SW	0·5	10	10	9	·180
25	9·520	9·529	9·492	9·475	9·484	55·3	53·8	57·0	54·1	63·9	58·0	61·5	57·8	56·4	54·6	66·8	52·2	SW	0·3	NE	1·0	8	8	1	·025
26	9·546	9·542	9·568	9·608	9·644	55·4	53·1	56·3	53·9	59·7	55·8	56·0	53·2	54·1	53·1	64·2	51·4	NE	0·3	W	0	9	6	10	·176
27	9·735	9·731	9·703	9·713	9·731	53·3	51·8	56·3	52·9	62·8	57·2	56·0	54·9	53·1	51·9	64·2	47·4	S	0	E	0·3	4	9	10	·090
28	9·754	9·762	9·782	9·799	9·811	50·3	47·9	51·0	48·2	55·6	52·9	52·1	50·9	49·3	47·9	57·2	49·2	NE	1–2	NE	0·3	10	10	10	·260
29	9·800	9·790	9·765	9·729	9·717	51·3	49·7	53·1	49·8	55·3	50·9	52·5	49·8	50·1	48·2	56·5	45·8	NE	0	E	0·3	9	10	10	·063
30	9·712	9·705	9·702	9·686	9·725	51·0	47·5	54·3	48·4	57·0	50·9	57·8	54·9	48·4	46·0	63·2	45·2	NE	1·0	W	0	7	9	9	–
31	9·820	9·820	9·787	9·877	9·867	50·1	46·9	54·1	48·9	60·1	56·6	57·0	50·1	50·0	46·9	62·8	41·7	NE	0	SW	0·3	7	3	1	–
MEAN.	9·745	9·739	9·729	9·724	9·741	53·3	50·6	54·9	51·5	59·5	54·8	57·0	53·3	53·3	50·9	62·3	47·5		0·71		0·55	7·6	8·3	7·7	4·351

AUGUST 1888.

	Ins.	Ins.	Ins.	Ins.	Ins.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n.	Force.	Dir'n.	Force.				Ins.
1	9·988	9·983	0·009	0·027	0·070	51·9	49·8	55·1	51·1	55·8	51·4	58·3	53·2	49·6	46·9	59·8	45·6	WSW	1·0	SSE	0·3	7	5	2	·082
2	0·124	0·127	0·134	0·126	0·128	48·6	46·2	53·2	50·0	55·3	52·7	55·1	50·9	51·5	48·2	58·8	37·2	SW	0·3	SW	0·5	7	9	10	·030
3	0·032	9·994	9·924	9·948	9·991	54·1	50·9	57·2	49·9	55·3	52·7	54·3	50·9	51·1	48·1	59·1	48·2	SW	1–2	NW	0·3	10	10	5	·605
4	9·930	9·900	9·874	[9·879]	9·897	50·4	49·5	55·1	52·7	59·7	50·9	54·7	48·8	52·1	47·9	62·8	46·3	SW	0·3	SW	0·3	7	5	8	·008
5	9·925	9·940	0·016	0·087	0·112	54·1	49·4	57·0	50·9	65·1	55·8	59·3	51·7	52·1	47·9	65·9	46·3	N	0·3	W	1·0	5	2	4	–
6	0·056	0·055	0·008	9·980	9·970	52·1	48·9	53·1	49·7	54·1	51·7	52·2	51·9	53·4	52·9	59·7	45·6	SW	0·5	S	0·5	10	10	10	·162
7	9·867	9·846	9·822	9·798	9·837	55·3	55·1	56·0	55·6	56·3	56·2	58·9	57·0	55·3	52·9	62·0	51·2	SW	1–2	SW	1·0	10	10	9	·800
8	9·815	9·820	9·895	9·917	9·952	55·3	53·5	55·0	53·9	58·8	55·6	58·1	55·0	55·3	53·2	61·8	52·4	SW	2·0	SW	1·0	10	9	9	·295
9	0·013	0·025	0·029	0·031	0·036	54·6	54·1	55·1	54·2	60·9	56·9	57·6	55·0	55·3	53·8	62·1	52·2	SW	1–2	SW	0	10	8	7	·020
10	0·068	0·078	0·051	0·058	0·096	53·5	52·3	56·0	53·9	67·9	61·0	60·1	56·4	54·1	51·1	**69·8**	48·2	NE	0·3	NE	1–2	10	8	8	–
11	0·102	0·085	0·043	9·990	9·959	55·1	52·5	56·0	51·9	55·1	51·9	55·2	52·9	55·1	51·9	60·8	51·0	SE	1–2	SE	0	10	10	9	·072
12	9·741	9·729	9·657	9·572	9·519	54·6	53·9	55·8	54·9	60·7	57·2	59·2	55·3	55·1	53·3	65·4	53·0	W	0	SW	0	10	9	10	·250
13	9·459	9·482	9·594	9·772	9·949	54·1	51·9	55·4	51·9	53·2	51·1	51·2	49·2	51·1	48·5	60·8	51·8	W	1–2	SW	1–2	9	10	9	·054
14	0·040	0·058	0·094	0·099	0·127	51·2	48·9	52·6	49·9	60·1	56·8	56·0	53·9	53·1	51·5	62·8	47·4	SW	1·0	SW	0	9	6	9	·010
15	0·191	0·191	0·153	0·147	0·190	52·5	50·9	56·0	53·1	66·0	62·2	62·9	60·7	50·1	48·9	68·8	45·3	E	0	NE	0	2	1	0	–
16	0·268	0·264	0·244	0·243	0·286	48·4	46·7	51·7	49·2	61·3	58·0	58·7	56·2	46·3	45·7	68·8	39·3	NE	1·0	NE	1·0	1	1	0	–
17	0·298	0·300	0·233	0·218	0·252	49·1	46·9	53·1	50·9	63·2	60·3	62·2	60·4	48·3	47·8	67·2	37·3	NE	0·3	NE	1·0	0	0	7	–
18	0·295	0·273	0·233	0·204	0·249	46·9	45·7	51·1	49·4	61·6	59·1	58·9	52·2	51·1	49·9	64·5	**36·2**	NE	0·3	SW	0·3	1	1	6	–
19	0·150	0·128	0·031	9·973	9·944	48·4	47·9	53·4	51·1	63·9	56·1	61·9	56·3	58·0	53·8	66·8	40·3	NE	0	Calm	0	1	3	10	·032
20	9·800	9·801	9·771	9·727	9·719	58·0	53·1	60·9	56·0	60·1	56·3	58·0	55·6	56·0	55·2	64·6	52·2	SE	1–2	SW	0·3	7	9	10	·010
21	9·615	9·596	9·559	9·571	9·579	55·4	55·0	57·1	55·4	61·7	57·6	58·0	56·0	56·0	55·0	65·3	52·4	WNW	0	WSW	0	9	9	9	·185
22	9·632	9·666	9·693	9·727	9·749	55·4	54·8	56·1	54·0	59·9	57·2	56·7	55·7	54·1	52·9	60·8	53·2	SW	0	W	0·3	10	8	8	·100
23	9·581	9·579	9·516	9·422	9·322	59·2	55·8	57·2	56·0	65·8	61·5	59·4	57·0	59·3	57·0	67·8	50·6	SW	0·3	SW	1–2	10	9	10	·378
24	9·417	9·423	9·412	9·400	9·421	56·0	54·9	56·3	55·0	65·9	59·1	62·0	58·0	58·7	54·4	65·1	53·2	SW	0·3	SW	0·3	9	7	8	–
25	9·565	9·575	9·680	9·731	9·641	58·0	55·2	60·1	56·4	58·7	57·0	58·9	56·8	57·0	55·0	65·6	52·4	SW	0·3	SW	0·3	6	10	9	·443
26	9·658	9·560	9·591	9·619	9·616	54·1	53·1	55·3	55·0	60·0	57·0	56·5	54·1	54·3	52·9	62·0	53·2	SW	1–2	SW	2·0	9	10	9	1·140
27	9·562	9·559	9·549	9·540	9·528	53·1	51·9	56·0	53·9	57·3	53·2	54·2	52·7	51·1	50·1	59·8	50·2	SW	1·0	SW	1·0	9	6	10	**1·190**
28	9·540	9·539	9·639	9·628	9·534	52·4	51·9	52·3	51·9	58·0	51·7	54·9	52·7	50·1	49·7	57·6	49·2	SW	1–2	SW	0·5	10	10	4	·482
29	9·569	9·572	9·647	9·644	9·663	52·9	50·7	51·8	50·7	58·0	56·5	54·4	52·7	49·3	48·9	58·6	49·2	SW	0·9	SW	0	9	7	9	·343
30	9·739	9·745	9·830	9·927	9·996	51·4	50·9	51·7	50·9	55·1	53·7	54·9	52·7	51·1	47·4	57·6	47·4	SW	0	W	0	10	10	6	·193
31	0·178	0·198	0·216	0·224	0·225	50·1	48·3	50·1	48·9	58·7	51·7	55·1	50·7	52·9	49·7	60·4	44·3	SW	0·5	SW	1·0	9	9	3	·304
MEAN.	9·878	9·873	9·876	9·878	9·889	53·1	51·3	54·9	52·5	59·8	55·8	57·3	54·3	53·2	51·0	63·0	47·8		0·73		0·56	7·6	7·1	7·3	7·188

SEPTEMBER 1888.

	Barometer reduced to 32° and Sea Level.					Temperature—Wet and Dry Bulbs.										S. R. Thermometers. Read at		Direction and Force of Wind (0–12).				Amount of Cloud (0–10).			Rainfall.
	8h	9h	14h	18h	21h	8h		9h		14h		18h		21h		18h	9h	9h		21h		9h	14h	21h	9h
	Ins.	Ins.	Ins.	Ins.	Ins.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n.	Force.	Dir'n.	Force.				Ins.
1	0·012	9·988	9·907	9·841	9·850	54·7	53·5	55·1	53·9	58·0	57·0	57·0	56·0	54·1	53·3	59·4	50·4	SW	1–2	SW	2–3	10	10	10	·290
2	9·828	9·825	9·873	9·901	9·933	55·3	53·2	56·0	52·9	58·3	54·3	57·1	54·2	54·3	52·3	62·2	52·2	SW	0	Calm	0	9	9	10	·040
3	9·877	9·873	9·825	9·786	9·664	53·5	52·0	54·1	51·1	54·1	52·5	57·0	56·1	51·3	50·9	58·0	50·2	SW	0	SW	1·0	10	10	10	·110
4	9·712	9·722	9·743	9·767	9·784	53·1	49·5	53·4	50·1	58·1	53·3	53·5	51·6	50·5	47·9	58·3	49·4	SW	1·0	W	0·5	9	8	7	·120
5	9·780	9·790	9·826	9·776	9·830	53·7	51·9	55·4	51·3	57·6	51·9	53·1	49·9	50·3	47·9	60·3	49·0	SW	1·0	SW	1·0	7	9	3	·603
6	9·658	9·636	9·511	9·642	9·713	50·9	48·9	51·0	49·8	51·6	50·4	54·0	50·9	52·1	49·9	57·4	45·3	SW	2–3	SW	2–3	10	10	10	**·846**
7	0·057	0·083	0·182	0·253	0·324	52·3	48·1	53·1	48·1	57·4	51·0	54·7	50·1	52·2	48·3	61·0	49·2	N	1–2	WSW	1–2	8	5	5	–
8	0·503	0·513	0·499	0·483	0·507	44·8	43·5	49·4	46·9	61·4	53·3	55·0	49·8	48·0	45·7	61·7	40·3	NE	0·3	NE	0	4	6	0	–
9	0·504	0·504	0·421	0·359	0·346	42·0	41·1	45·8	44·5	52·3	48·9	50·6	49·6	49·1	46·9	54·4	37·1	NE	0	NE	0	10	10	10	–
10	0·278	0·275	0·207	0·188	0·221	40·0	39·3	46·6	44·7	62·7	53·2	55·3	50·9	47·9	46·4	63·4	36·2	N	0·3	Calm	0	3	2	0	·091
11	0·194	0·184	0·186	0·211	0·240	49·7	49·1	51·2	50·7	55·1	54·4	55·4	52·9	54·1	52·1	59·6	44·2	SW	0·3	SW	0	10	10	9	·130
12	0·331	0·339	0·376	0·384	0·403	53·4	52·0	54·3	53·0	56·0	52·0	54·2	51·2	53·1	50·2	58·1	50·4	SW	0·3	N	0	9	9	8	–
13	0·461	0·461	0·423	0·386	0·375	58·1	47·2	52·2	49·9	63·1	55·8	57·2	53·2	47·5	46·3	64·6	43·8	N	0	E	0	7	3	0	–
14	0·274	0·256	0·172	0·130	0·114	46·8	45·9	49·9	48·1	65·9	57·0	58·4	54·9	55·1	51·3	67·5	43·3	Calm	0	Calm	0	1	1	0	·010
15	9·996	9·992	9·975	9·985	0·014	56·4	54·1	56·8	54·7	56·2	56·0	55·2	55·0	54·1	52·2	59·8	47·2	SW	0	SW	1·0	10	10	9	·300
16	0·207	0·306	0·237	0·229	0·242	50·1	47·0	52·2	48·7	59·5	51·9	54·5	52·2	51·3	49·1	65·2	45·3	SW	0	W	0·3	2	9	6	–
17	0·237	0·237	0·239	0·245	0·263	52·7	50·9	53·2	50·9	55·9	53·0	54·3	51·9	53·3	51·9	57·5	47·2	SW	0·3	SW	0	7	9	10	·066
18	0·303	0·303	0·321	0·319	0·331	53·1	52·7	53·6	53·1	55·1	54·1	54·9	53·9	54·1	53·7	56·0	51·2	SW	0·3	SW	0	10	9	8	·002
19	0·343	0·343	0·290	0·268	0·295	52·9	51·4	55·3	52·8	65·7	60·2	59·2	56·8	54·3	53·1	**70·1**	51·0	NE	0	S	0	8	0	2	–
20	0·347	0·349	0·301	0·285	0·291	48·1	47·2	51·1	49·9	59·0	55·0	55·4	53·2	50·9	49·9	61·8	44·5	NE	0	Calm	0	10	0	3	–
21	0·308	0·311	0·278	0·273	0·269	46·3	46·1	49·5	48·8	58·9	54·7	54·4	52·2	49·1	47·9	61·8	41·5	W	0	Calm	0	10	5	0	–
22	0·249	0·249	0·239	0·225	0·240	50·1	49·9	51·1	50·4	59·7	54·2	54·5	51·9	52·1	49·9	60·5	41·6	SW	1·0	ESE	0·3	10	5	10	–
23	0·213	0·206	0·168	0·140	0·122	50·7	50·2	51·1	50·7	54·8	52·7	53·8	52·2	53·1	52·0	55·7	49·2	NE	0	NE	0	10	10	10	–
24	0·070	0·068	0·058	0·098	0·146	52·2	51·3	53·2	52·0	58·5	54·5	48·1	46·1	47·1	45·1	58·8	51·1	N	0	NE	2–3	9	3	1	–
25	0·267	0·281	0·299	0·301	0·329	45·4	42·9	46·0	42·1	55·1	47·2	47·4	42·0	44·3	39·9	56·7	44·3	NE	1·0	E	0·3	10	1	0	–
26	0·383	0·383	0·327	0·293	0·312	37·8	36·6	41·0	39·7	54·3	46·9	48·9	44·9	41·0	40·0	57·6	**33·2**	E	0·3	E	0	9	1	0	–
27	0·266	0·263	0·196	0·150	0·136	41·0	39·9	42·3	41·5	49·8	42·9	48·8	47·2	49·1	47·1	50·7	35·0	NE	0	E	0	10	10	10	–
28	0·020	0·020	9·936	9·876	9·742	44·8	43·9	47·4	46·2	53·1	51·8	50·3	49·9	50·4	50·1	53·7	41·3	NE	0	E	0	10	10	10	·085
29	9·738	9·728	9·733	9·742	9·766	51·2	48·1	53·1	48·6	51·0	44·7	45·2	41·9	43·0	41·1	54·9	48·9	NNE	0	E	0	8	5	5	–
30	9·856	9·860	9·846	9·836	9·824	40·2	37·9	44·0	39·5	45·2	40·3	42·0	37·9	41·0	38·1	48·7	34·8	NE	0·5	NW	1–2	6	5	6	·020
MEAN.	0·142	0·145	0·120	0·112	0·129	49·4	47·5	50·9	48·8	56·8	52·2	53·3	50·7	50·3	48·4	59·2	44·9		0·40		0·50	8·2	6·5	5·7	2·713

OCTOBER 1888.

	Ins.	Ins.	Ins.	Ins.	Ins.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n.	Force.	Dir'n.	Force.				Ins.
1	9·718	9·604	9·646	9·544	9·550	35·8	34·0	36·2	34·6	45·1	40·0	41·2	37·3	40·2	37·1	46·1	**34·2**	SE	0	WSW	1–2	1	7	3	·023
2	9·245	9·217	9·187	9·218	9·326	40·2	38·9	43·0	41·8	46·8	44·0	44·0	42·9	42·6	40·6	49·9	37·9	SW	0·3	NW	1–2	9	9	6	·072
3	9·518	9·515	9·561	9·577	9·574	41·4	40·7	43·3	42·0	47·3	42·3	48·6	45·1	46·0	43·9	54·7	35·8	NE	0·3	SW	0	1	3	8	·072
4	9·409	9·426	9·530	9·532	9·474	44·0	39·9	40·3	37·7	40·3	35·3	37·4	35·3	39·0	36·4	49·0	40·3	N	2–3	W	2·0	9	8	10	·182
5	9·531	9·531	9·584	9·748	9·720	40·5	38·9	41·4	39·9	44·0	40·8	41·1	38·3	40·0	38·2	47·9	35·2	W	0·3	W	1·0	3	9	2	–
6	9·928	9·949	0·030	0·084	0·104	37·8	35·4	39·3	35·8	45·6	39·7	40·9	38·5	42·0	38·9	46·8	36·2	N	0	WSW	1·0	8	8	8	–
7	0·116	0·112	0·115	0·120	0·146	43·9	41·9	44·0	42·3	50·1	47·9	48·2	46·9	47·0	45·9	50·9	37·2	SW	0	ESE	0	9	9	10	·010
8	0·168	0·168	0·152	0·142	0·152	48·7	47·5	50·1	48·7	53·1	51·9	51·3	50·1	49·3	48·7	54·9	44·9	S	0	S	0	9	10	10	·100
9	0·138	0·144	0·128	0·126	0·136	41·6	41·5	44·1	43·8	54·7	49·9	49·1	47·7	48·1	46·9	58·2	41·1	ENE	0	E	0	3	9	7	·010
10	0·112	0·106	0·074	0·083	0·106	45·4	44·9	46·0	45·7	53·2	48·0	49·6	46·7	46·0	45·2	55·2	43·6	W	0	NE	1·0	4	9	10	·052
11	0·090	0·020	9·968	9·889	9·865	42·0	40·9	43·2	41·9	50·0	47·0	50·1	48·2	50·1	48·9	50·8	40·3	SW	0	SW	1–2	10	10	10	·174
12	9·740	9·742	9·744	9·782	9·805	53·1	51·3	53·1	51·3	52·1	45·9	47·4	41·8	46·2	41·9	54·6	47·7	W	1·0	SW	1–2	10	3	9	·010
13	9·969	9·974	0·034	0·088	0·119	44·0	39·9	44·1	39·9	49·9	43·5	42·2	38·1	39·6	36·9	50·7	42·3	NE	0·5	NE	0·3	7	6	2	–
14	0·160	0·158	0·108	0·120	0·120	42·3	40·2	44·2	42·1	48·8	45·9	44·5	42·4	50·1	47·1	50·3	40·3	SW	0	SW	1·0	9	10	9	·053
15	0·197	0·214	0·209	0·243	0·255	52·1	50·7	53·5	51·1	54·1	51·9	51·3	50·9	51·1	50·7	54·7	43·5	SW	0	SW	0·5	8	10	10	·123
16	0·278	0·278	0·253	0·256	0·297	49·0	47·9	49·2	48·9	50·5	48·9	49·1	47·9	46·0	44·9	51·7	47·4	SW	0	SSE	0·3	9	10	1	·012
17	0·262	0·259	0·232	0·182	0·193	42·1	41·9	43·6	42·9	50·9	48·1	49·9	46·5	49·1	45·9	52·7	40·3	S	0	SW	0	6	10	9	–
18	0·129	0·123	0·094	0·076	0·078	44·8	42·9	46·6	44·9	52·3	48·2	52·4	48·7	51·3	47·9	55·7	43·3	NE	0	SW	0	10	10	10	–
19	0·110	0·114	0·252	0·177	0·209	52·3	48·9	53·3	49·3	53·3	50·9	52·1	50·2	50·6	49·7	54·7	41·3	SW	1–2	SW	1·0	9	9	10	·140
20	0·349	0·407	0·354	0·388	0·406	50·2	49·9	50·2	49·9	54·5	53·3	53·3	52·1	52·1	50·9	56·7	49·2	E	0	E	0	9	5	10	–
21	0·459	0·467	0·459	0·461	0·463	49·1	47·9	50·1	48·9	57·0	51·4	55·3	53·3	49·1	47·7	57·8	48·2	NE	0·3	NE	0	9	5	10	–
22	0·433	0·439	0·337	0·295	0·265	37·4	36·9	38·6	38·0	49·1	40·9	48·0	46·7	47·4	45·0	50·7	35·2	NE	0	SSW	1·0	7	8	10	·092
23	0·175	0·175	0·110	0·073	0·040	49·3	48·9	50·1	49·7	52·4	51·0	51·5	49·1	51·1	49·9	53·7	46·5	SW	0	SW	1·0	10	7	9	·012
24	9·896	9·894	9·843	9·792	9·768	48·6	47·2	49·2	47·9	50·3	49·8	51·3	50·5	51·1	50·9	51·9	45·6	SW	1–2	SW	1–2	10	10	10	·373
25	9·721	9·622	9·545	9·536	9·539	52·3	50·9	54·1	50·9	53·6	52·8	54·1	53·6	55·1	53·9	56·1	49·2	SW	1–2	SW	1·0	10	10	10	·840
26	9·575	9·603	9·669	9·660	9·628	54·3	54·1	54·1	53·9	56·0	54·9	57·0	54·3	57·2	56·0	58·9	51·2	SW	1·0	SW	1–2	9	10	10	1·260
27	9·721	9·658	9·674	9·670	9·718	58·0	57·3	58·6	57·4	58·7	58·2	59·7	58·6	58·9	58·2	60·3	53·2	SW	1–2	SW	2·0	10	10	9	**1·443**
28	9·622	9·598	9·508	9·510	9·594	56·5	56·3	56·8	56·0	59·7	55·9	54·1	51·1	52·1	49·3	**63·8**	56·6	SW	1·0	SW	3–4	10	9	10	1·153
29	9·829	9·841	9·841	9·845	9·874	48·3	45·3	46·2	44·8	46·8	44·1	48·1	45·5	48·1	46·1	54·7	46·3	SW	1·0	SW	0·5	9	10	7	·443
30	9·948	9·727	9·598	9·553	9·539	49·3	46·9	50·1	47·9	47·6	46·3	46·0	44·9	47·1	44·9	54·0	45·3	SW	1–2	SW	2–3	9	9	10	1·352
31	9·345	9·453	9·536	9·557	9·674	47·1	46·4	48·1	44·3	50·7	46·9	45·3	44·3	45·1	43·1	52·5	43·3	SW	2–3	SW	1–2	8	8	7	·120
MEAN.	9·932	9·921	9·915	9·914	9·927	47·1	45·0	47·6	45·6	50·9	47·6	48·9	46·7	48·0	46·2	53·6	43·3		0·59		0·97	7·9	8·4	8·3	7·121

NOVEMBER 1888.

	Barometer reduced to 32° and Sea Level.					Temperature—Dry and Wet Bulbs.										S. R. Thermometers. Read at		Direction and Force of Wind (0–12).				Amount of Cloud (0–10).			Rainfall.
	8h	9h	14h	18h	21h	8h		9h		14h		18h		21h		18h	9h	9h		21h		9h	14h	21h	9h
	Ins.	Ins.	Ins.	Ins.	Ins.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n.	Force.	Dir'n.	Force.				Ins.
1	9·683	9·703	9·811	9·926	9·957	42·2	41·9	43·3	42·5	44·0	42·1	41·5	39·6	39·0	37·9	47·7	41·3	NE	1–2	NE	2–3	8	9	7	·010
2	9·986	9·989	9·921	9·932	9·918	38·0	36·4	39·0	37·7	46·0	43·9	44·9	41·9	46·0	43·9	47·5	36·2	NE	1·0	NE	2–3	4	8	8	–
3	9·892	9·900	9·886	9·898	9·895	46·4	43·9	47·7	44·1	50·1	45·1	47·3	42·9	46·0	42·2	51·5	43·9	NE	0·5	S	1–2	8	6	0	–
4	9·916	9·916	9·883	9·893	9·896	45·4	41·9	46·6	42·0	49·5	42·9	45·8	40·3	46·7	40·9	49·7	42·3	SE	2–3	SE	1–2	5	6	4	–
5	9·946	9·959	0·006	0·004	0·056	45·0	39·9	46·6	41·1	48·1	43·0	48·1	43·9	46·2	42·1	49·7	43·4	N	1·0	S	1–2	3	8	5	–
6	0·093	0·095	0·052	0·017	0·043	43·3	38·5	41·0	37·9	48·1	40·9	43·0	38·9	42·0	36·9	48·7	40·3	N	0	S	1–2	3	3	0	–
7	9·996	9·986	9·960	9·912	9·909	43·1	37·9	43·2	38·1	44·0	38·3	43·4	37·9	43·0	37·9	46·4	40·3	SE	2–3	S	5–6	2	2	1	–
8	9·922	9·927	9·920	9·910	9·922	44·0	38·3	43·6	39·0	45·3	39·9	44·0	39·2	44·0	39·9	47·5	40·3	E	1–2	SSE	1–2	6	8	3	–
9	9·882	9·896	9·870	9·858	9·856	44·0	39·9	45·8	41·0	48·1	41·3	45·8	39·8	44·3	39·1	49·7	39·5	SE	3–4	S	0·3	8	8	1	–
10	9·748	9·723	9·642	9·593	9·547	44·8	39·9	45·3	40·9	47·2	43·0	47·7	43·0	48·1	43·9	48·7	42·9	S	1–5	SW	1–2	9	9	10	·043
11	9·647	9·683	9·734	9·780	9·813	46·3	43·0	47·0	43·7	48·9	44·5	48·6	44·9	43·8	41·9	51·7	43·1	SSW	1·0	SSE	0	9	6	2	–
12	9·704	9·683	9·627	9·559	9·483	47·9	41·9	49·1	43·0	50·1	43·7	50·1	44·0	50·1	44·7	51·5	42·3	S	2–3	ESE	4–5	9	10	10	·300
13	9·442	9·454	9·442	9·426	9·466	50·1	46·1	50·2	46·7	50·1	46·3	51·1	46·9	49·1	45·1	51·7	47·2	S	0	NE	0	10	10	9	·482
14	9·466	9·488	9·566	9·689	9·758	49·1	48·1	49·5	48·3	49·0	47·1	45·3	43·2	48·1	46·1	51·7	46·9	SW	1–2	SW	1–2	9	10	7	·350
15	9·466	9·421	9·721	9·798	9·846	47·0	46·9	51·9	49·1	50·4	44·9	49·0	45·6	49·1	46·9	53·7	45·3	SW	1–2	SW	1·0	10	7	5	·700
16	9·054	8·997	9·442	9·584	9·494	51·9	47·2	49·3	47·1	48·4	45·0	46·0	43·1	46·0	44·1	**58·7**	44·3	SSW	10-12	SW	2–3	10	10	10	1·092
17	9·368	9·384	9·514	9·598	9·696	41·6	39·9	42·2	38·9	45·0	39·9	43·3	40·6	44·2	40·9	48·1	39·1	SW	2·0	SW	1·0	7	9	7	·160
18	9·724	9·727	9·653	9·659	9·647	44·6	43·5	45·0	43·9	49·3	48·9	48·9	48·1	50·0	48·6	50·7	39·3	SW	0·3	SW	1–2	10	9	10	·200
19	9·494	9·440	9·327	9·349	9·382	50·3	47·9	51·5	48·9	48·1	44·9	44·0	39·9	41·2	37·3	53·7	48·0	SW	1–2	SW	2·0	10	10	7	·802
20	9·292	9·282	9·312	9·450	9·533	37·0	35·0	35·3	34·3	39·0	36·9	43·0	38·9	41·5	37·9	44·8	34·2	SW	2–3	SW	3–4	10	10	10	·872
21	9·717	9·725	9·884	9·888	9·809	39·0	37·9	42·6	39·9	44·0	40·5	42·0	41·7	44·3	42·7	45·1	37·0	SW	2–3	SW	2–3	10	8	10	1·660
22	9·549	9·528	9·544	9·587	9·599	46·0	44·9	52·1	50·9	51·4	44·7	50·1	44·9	49·0	43·0	53·7	41·6	SW	2–3	WSW	5–6	10	10	5	·642
23	9·729	9·743	9·776	9·690	9·669	45·0	41·9	44·1	41·8	46·1	42·0	45·7	42·9	43·0	42·1	50·7	43·3	SW	3–4	SW	1–2	8	7	10	1·133
24	9·545	9·567	9·585	9·557	9·503	44·3	42·2	44·6	42·9	45·3	44·6	45·1	44·9	45·2	45·1	54·7	40·3	SW	0	SW	1–2	10	10	10	**1·802**
25	9·211	9·105	9·160	9·107	9·095	52·1	50·9	50·2	49·9	49·1	43·2	44·0	41·7	43·0	39·6	52·7	43·3	SW	6–7	SW	3–4	10	9	8	·770
26	9·176	9·202	9·340	9·383	9·429	37·2	36·7	38·3	37·7	41·2	37·9	35·3	33·2	31·9	31·0	44·1	36·7	SW	1·0	SE	0	8	4	0	–
27	9·336	9·324	9·185	9·153	9·205	34·9	32·8	37·0	34·8	38·0	35·4	39·0	37·1	39·0	36·0	40·0	**28·2**	E	0	NE	2–3	9	9	10	·050
28	9·444	9·474	9·524	9·547	9·582	35·2	33·8	34·9	35·7	38·3	36·0	32·8	31·7	32·1	31·0	39·3	33·8	NE	0·3	NE	0	8	1	1	–
29	9·558	9·556	9·470	9·454	9·398	34·9	32·8	37·2	33·1	40·3	36·1	38·0	35·2	42·0	38·9	40·8	30·3	E	0·3	SE	1·0	6	10	8	·010
30	9·372	9·389	9·422	9·470	9·514	45·0	40·9	43·4	40·0	42·4	38·1	37·0	34·9	32·9	31·8	46·2	37·0	SE	1–2	E	0	7	0	0	–
MEAN.	9·612	9·609	9·639	9·656	9·664	43·9	41·1	44·6	41·8	46·2	42·0	44·3	41·0	43·7	40·6	49·0	40·4		1·96		1·84	7·9	7·5	5·9	11·078

DECEMBER 1888.

	Ins.	Ins.	Ins.	Ins.	Ins.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n.	Force.	Dir'n.	Force.				Ins.
1	9·530	9·522	9·422	9·417	9·479	38·0	36·9	37·3	36·6	45·4	44·5	45·5	44·2	43·0	41·9	48·5	32·2	NE	0	SW	0·5	7	10	10	·390
2	9·612	9·618	9·587	9·613	9·629	44·0	42·9	44·0	42·9	45·0	44·4	44·0	43·9	43·7	43·4	46·2	41·3	SW	0·3	SW	0	10	10	10	·692
3	9·313	9·289	9·278	9·233	9·359	52·1	51·1	53·1	51·9	52·1	51·5	53·1	52·7	51·1	50·7	54·3	39·3	SW	1·0	SW	1–2	10	10	10	**1·338**
4	9·646	9·727	9·830	9·880	9·886	48·1	47·9	48·4	48·2	49·0	47·5	46·0	44·9	48·1	45·6	53·9	48·1	SW	0·3	SW	0·3	9	8	10	·186
5	9·747	9·744	9·768	9·787	9·838	49·4	49·2	50·4	50·2	52·2	50·9	52·1	51·0	51·3	51·1	53·5	45·3	SW	0·3	SW	0·3	10	10	10	·050
6	9·962	9·996	9·975	9·902	9·845	50·1	49·1	50·1	48·9	50·1	48·9	50·5	47·9	54·2	50·6	52·7	49·2	SW	0·3	SW	1–2	9	10	10	·160
7	9·597	9·595	9·613	9·715	9·820	52·3	48·9	50·9	48·2	50·7	49·9	50·1	47·9	47·0	44·9	**55·6**	49·2	SW	1–2	SW	1·0	10	9	7	·458
8	0·002	0·025	0·023	0·011	0·028	44·0	41·9	43·0	41·9	42·9	41·0	41·1	40·0	41·0	39·2	50·7	42·3	S	0·3	SW	1·0	7	7	7	·240
9	0·171	0·196	0·213	0·271	0·281	38·0	35·9	37·0	35·3	44·2	41·7	45·5	42·0	43·5	41·4	45·9	36·2	SW	0	SE	0·3	2	8	8	·010
10	0·320	0·324	0·293	0·379	0·222	37·0	36·3	34·1	33·8	37·3	36·9	38·7	32·8	31·9	31·9	46·0	34·2	E	0	W	0·3	2	1	0	·010
11	0·094	0·079	0·016	0·018	0·052	35·9	34·8	40·0	36·0	43·0	39·9	41·2	40·4	41·0	40·1	44·7	28·2	S	1·0	SW	0·3	7	10	10	·093
12	0·125	0·126	0·118	9·998	0·099	36·5	35·8	37·3	36·8	45·0	41·0	44·3	40·9	45·0	41·1	45·8	35·4	E	0	SW	1·0	9	7	3	–
13	0·078	0·072	0·028	0·008	0·005	46·8	42·0	46·2	42·1	45·0	40·9	45·0	40·9	45·0	41·9	47·7	40·2	SW	1–2	SW	2–3	9	9	9	·152
14	0·042	0·054	0·150	0·228	0·274	46·0	49·5	46·0	45·9	43·3	42·0	40·0	38·7	39·2	38·1	46·8	42·3	SW	0·5	SE	0	10	3	8	·020
15	0·376	0·400	0·393	0·396	0·398	39·0	37·9	40·1	39·9	44·0	42·1	43·2	41·9	45·0	43·7	44·8	35·0	SW	0·3	SW	1·0	10	8	9	·013
16	0·385	0·358	0·287	0·257	0·235	45·0	42·9	44·0	42·2	45·9	43·9	45·2	43·4	46·3	44·1	47·0	42·3	SW	1·0	SW	2·0	8	10	10	–
17	0·177	0·181	0·151	0·136	0·136	46·0	41·9	46·0	43·9	46·3	44·2	46·0	43·9	45·0	42·9	47·7	42·3	SW	1·0	SW	1–2	10	9	9	–
18	0·031	0·030	[9·930]	9·854	9·782	42·0	39·9	41·0	39·1	[40·0	38·0]	36·2	34·8	38·0	36·8	47·7	40·5	SW	1·0	SW	1·0	8	2	8	–
19	9·535	9·499	9·334	9·277	9·210	49·1	44·9	50·1	45·9	51·3	49·1	51·4	48·7	53·2	49·7	54·1	49·2	SW	0·5	SW	5–6	9	10	10	·320
20	9·416	9·424	9·387	9·305	9·266	43·0	41·1	42·0	40·1	44·0	42·9	43·0	41·9	42·2	41·9	53·7	41·3	SW	0·3	SW	1–2	8	10	9	·090
21	9·063	9·027	8·894	8·906	8·910	43·0	38·4	44·0	42·9	49·5	43·9	46·3	42·9	48·1	44·9	49·9	39·3	SSW	1·0	SW	1·0	3	10	10	·072
22	9·012	9·052	9·154	9·261	9·336	48·1	45·9	47·0	45·1	48·5	46·1	47·2	44·5	45·3	43·9	50·7	45·3	SE	0·3	SE	0	10	9	9	–
23	9·464	9·412	9·406	9·316	9·207	44·0	41·9	44·4	42·0	46·2	43·1	45·0	42·9	47·9	43·2	48·7	41·3	SE	0	SW	1–2	9	7	9	·320
24	9·089	9·067	9·201	9·344	9·426	43·3	41·2	43·3	40·9	39·1	37·1	37·2	36·1	35·1	34·8	48·2	40·3	SW	0·3	SW	0·5	9	6	10	·380
25	9·328	9·386	9·182	9·030	9·122	32·1	31·8	33·9	31·9	41·0	37·0	40·0	36·9	38·5	37·9	42·0	30·4	SE	0	SW	1–2	6	10	10	·410
26	9·424	9·442	9·572	9·588	9·630	37·0	33·8	37·6	35·0	37·9	36·0	36·0	34·9	35·1	34·8	39·8	33·2	SW	1–2	SW	1–2	10	5	4	·385
27	9·584	9·538	9·292	9·239	9·193	33·2	32·8	37·3	34·0	38·0	35·4	35·7	35·3	39·0	37·2	40·8	32·2	SE	2–3	SW	1·0	10	10	8	·342
28	9·253	9·295	9·487	9·618	9·710	41·0	38·9	39·4	37·9	43·1	39·2	40·9	36·9	39·0	35·8	43·8	35·2	S	0	NW	0·5	7	5	4	–
29	9·954	9·981	0·067	0·122	0·165	33·9	32·8	33·3	32·7	34·1	33·0	28·9	27·8	27·7	26·5	41·0	32·2	E	0	Calm	0	3	1	0	–
30	0·178	0·186	0·125	0·052	0·023	23·7	22·8	23·8	22·8	29·8	28·8	31·0	31·0	34·8	31·7	32·8	**22·0**	E	0	SW	0	0	6	10	·683
31	9·847	9·726	9·772	9·744	9·786	39·0	38·2	39·4	38·9	40·8	39·9	41·5	39·9	43·6	42·5	42·9	32·2	SW	2·0	SW	1·0	10	10	10	·272
MEAN.	9·753	9·754	9·740	9·739	9·753	42·0	40·0	42·1	40·4	44·0	42·0	43·0	41·0	42·9	40·8	47·4	38·6		0·60		1·02	7·8	7·7	8·0	7·086

Monthly and Annual Mean Hourly Values at Ben Nevis Observatory, 4407 feet above Sea Level.

BAROMETER. 1888.

	Mid-night.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
Jan.	5·460	5·460	5·455	5·453	5·453	5·449	5·451	5·457	5·463	5·469	5·474	5·477	5·475	5·467	5·470	5·470	5·471	5·473	5·472	5·473	5·477	5·476	5·474	5·473	5·464	5·467
Feb.	·379	·380	·376	·377	·376	·368	·373	·377	·384	·389	·394	·399	·400	·399	·402	·397	·397	·391	·394	·397	·405	·402	·400	·401	·399	·391
Mar.	·051	·048	·046	·036	·029	·020	·020	·022	·023	·028	·028	·035	·036	·037	·038	·038	·034	·030	·033	·036	·044	·045	·043	·041	·039	·035
Apr.	·289	·279	·274	·266	·262	·257	·259	·260	·266	·271	·275	·278	·284	·285	·288	·285	·282	·279	·277	·277	·283	·278	·276	·271	·265	·274
May	·355	·350	·344	·339	·335	·333	·336	·338	·343	·347	·351	·357	·363	·366	·372	·372	·373	·370	·371	·369	·374	·380	·379	·379	·374	·359
June	·461	·452	·446	·438	·434	·430	·433	·439	·441	·444	·448	·450	·458	·461	·465	·466	·464	·461	·461	·461	·465	·468	·469	·466	·461	·453
July	·273	·268	·264	·258	·254	·252	·254	·255	·258	·260	·262	·264	·267	·269	·272	·272	·271	·267	·267	·268	·271	·274	·275	·273	·272	·265
Aug.	·375	·371	·365	·364	·360	·360	·361	·365	·368	·372	·376	·380	·383	·387	·390	·392	·391	·386	·385	·386	·390	·389	·389	·386	·382	·378
Sept.	·601	·599	·594	·588	·581	·580	·583	·586	·589	·592	·596	·595	·597	·596	·594	·590	·587	·585	·586	·591	·594	·592	·591	·589	·585	·590
Oct.	·379	·373	·369	·360	·353	·351	·351	·353	·362	·365	·370	·374	·371	·371	·369	·368	·365	·365	·370	·372	·375	·377	·378	·377	·375	·367
Nov.	·081	·080	·073	·073	·064	·057	·053	·045	·045	·044	·050	·055	·060	·064	·063	·067	·076	·083	·089	·090	·091	·086	·086	·082	·079	·069
Dec.	·190	·190	·189	·189	·185	·181	·181	·185	·186	·187	·191	·188	·181	·172	·166	·161	·165	·168	·174	·180	·182	·185	·190	·196	·200	·182
Year	·324	·321	·316	·312	·307	·303	·305	·307	·311	·314	·318	·321	·323	·323	·324	·323	·323	·322	·323	·325	·329	·329	·329	·328	·325	·319

TEMPERATURE.

Jan.	28·7	28·9	28·7	28·7	29·1	29·3	28·9	28·3	28·7	28·6	29·5	29·7	29·1	29·3	29·3	29·0	28·6	28·7	28·6	28·7	28·7	28·4	28·5	28·4	28·5	28·8
Feb.	20·8	20·6	20·4	20·2	20·0	20·1	19·9	20·0	20·0	20·4	20·7	21·2	21·2	21·4	21·7	21·1	21·3	21·4	21·2	21·2	21·1	21·2	21·1	21·1	20·9	20·8
Mar.	19·9	20·0	19·8	19·8	19·9	19·9	19·9	20·1	20·2	20·5	21·1	21·9	21·8	21·9	22·0	22·3	22·0	21·6	21·3	20·9	20·9	20·9	20·6	20·2	19·8	20·8
Apr.	24·8	24·4	24·5	24·3	24·0	23·8	23·9	24·3	24·5	25·2	25·6	26·0	26·5	26·7	26·9	27·1	27·1	27·0	26·5	26·1	26·0	25·8	25·7	25·6	25·3	25·5
May	31·6	31·3	31·1	30·8	30·8	30·8	31·0	31·3	31·6	32·2	32·1	32·8	33·3	33·4	33·6	33·6	33·7	33·5	33·4	33·1	32·4	32·0	31·9	31·6	31·5	32·2
June	37·8	37·7	37·5	37·1	37·3	37·3	37·6	38·4	38·9	39·6	40·1	40·7	41·6	41·9	42·0	42·3	42·2	41·9	41·4	40·7	39·6	39·0	38·5	38·2	38·1	39·6
July	37·8	37·8	37·8	37·6	37·5	37·4	37·6	37·9	38·3	38·8	39·3	39·7	40·0	40·2	40·6	40·7	40·6	40·1	39·8	39·4	39·1	38·6	38·3	38·1	37·8	38·9
Aug.	38·0	37·9	37·6	37·4	37·3	37·2	37·2	37·4	37·9	38·5	39·0	39·7	40·2	40·4	40·9	41·0	40·8	40·3	39·8	39·3	38·8	38·5	38·3	38·2	38·1	38·8
Sept.	38·3	38·5	38·5	38·1	38·2	37·7	37·5	38·0	38·3	38·9	39·7	40·5	40·3	41·0	41·2	41·4	41·1	40·2	39·6	39·0	38·7	38·6	38·4	38·3	37·9	39·2
Oct.	33·2	33·2	33·3	33·2	33·3	33·3	33·4	33·2	33·6	33·7	34·0	34·1	34·3	34·3	34·3	34·3	34·1	33·7	33·3	33·3	33·4	33·5	33·5	33·5	33·4	33·6
Nov.	27·1	27·1	27·5	27·8	27·8	27·7	27·5	27·3	27·4	27·8	27·9	27·9	27·8	27·7	27·4	27·2	27·0	26·9	26·8	26·8	26·8	27·0	26·9	26·9	27·1	27·3
Dec.	27·9	27·9	27·9	28·0	28·0	28·0	27·9	27·9	28·0	28·0	28·3	28·5	28·6	28·9	28·8	28·3	28·1	28·3	28·4	28·3	28·6	28·6	28·4	28·2	27·9	28·2
Year	30·5	30·4	30·4	30·2	30·3	30·2	30·2	30·3	30·6	31·0	31·4	31·9	32·1	32·3	32·4	32·4	32·2	32·0	31·7	31·4	31·2	31·0	30·8	30·7	30·5	31·1

WIND FORCE.

Jan.	3·19	3·21	3·23	3·13	3·18	2·71	2·73	2·47	2·65	2·65	2·76	2·73	2·66	2·79	2·65	2·44	2·74	2·68	2·47	2·71	2·65	2·92	2·89	3·00	3·24	2·80
Feb.	2·62	2·53	2·45	2·43	2·47	2·24	2·50	2·50	2·52	2·45	2·29	2·10	2·19	2·03	1·78	1·88	1·88	1·88	2·29	2·34	2·24	2·29	2·45	2·55	2·57	2·28
Mar.	2·97	3·00	2·53	2·81	3·08	3·24	3·26	3·45	3·29	2·85	2·94	2·94	2·89	2·34	2·29	2·34	2·19	2·21	2·35	2·39	2·53	2·76	2·68	2·74	2·95	2·75
Apr.	2·18	2·22	2·02	2·25	2·13	1·95	1·90	2·15	2·00	2·10	2·00	1·93	1·92	1·73	1·62	1·73	1·88	1·58	1·83	1·83	1·88	2·25	2·20	2·15	2·33	1·98
May	2·23	2·19	2·08	1·97	2·06	1·92	2·10	2·11	2·18	2·29	2·23	2·18	1·89	2·03	1·81	1·84	1·73	1·90	2·08	2·15	2·13	2·05	2·24	1·89	2·08	2·05
June	2·32	2·40	2·50	2·50	2·50	2·60	2·73	2·73	2·57	2·62	2·63	2·72	2·52	2·47	2·30	2·20	2·22	2·37	2·17	2·18	2·07	2·07	1·95	2·22	2·30	2·40
July	2·10	2·37	2·44	2·37	2·34	1·95	1·90	1·94	2·13	1·87	1·60	1·52	1·53	1·34	1·24	1·42	1·44	1·35	1·76	1·87	1·98	2·13	2·18	2·23	2·13	1·88
Aug.	2·50	2·34	2·55	2·63	2·60	2·21	2·08	1·98	1·84	1·71	1·70	1·58	1·50	1·63	1·82	1·82	1·65	1·84	1·66	1·97	2·19	2·40	2·48	2·50	2·55	2·05
Sept.	2·10	2·08	2·25	2·12	2·20	2·05	2·00	1·98	1·93	1·92	1·90	2·05	1·67	2·20	2·03	1·73	1·88	1·63	1·85	1·78	1·88	1·93	2·03	2·10	2·07	1·97
Oct.	2·67	2·77	2·70	2·79	2·97	2·53	2·50	2·56	2·47	2·40	2·58	2·34	2·08	2·29	2·24	2·39	2·50	2·48	2·13	2·47	2·48	2·48	2·50	2·63	2·65	2·50
Nov.	4·50	4·47	4·25	3·77	3·80	4·05	4·15	3·95	4·15	4·17	4·07	3·93	4·00	4·03	3·98	3·67	3·67	3·52	3·88	4·07	4·15	4·28	4·27	4·55	4·47	4·05
Dec.	2·65	2·53	2·34	2·03	2·23	2·37	2·53	2·26	2·44	2·56	2·44	2·44	2·68	2·95	3·03	2·90	2·95	2·69	2·84	2·97	2·85	2·68	2·66	2·55	2·68	2·61
Year	2·67	2·68	2·61	2·57	2·63	2·48	2·53	2·51	2·51	2·47	2·43	2·37	2·29	2·32	2·23	2·20	2·23	2·18	2·28	2·39	2·42	2·52	2·54	2·59	2·67	2·44

WIND DIRECTIONS.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
N	146	256	207	235	129	111	150	143	94	240	124	125	1960
NE	36	133	98	100	91	55	50	28	32	54	26	17	720
E	31	115	173	74	44	165	152	19	26	9	139	17	964
SE	81	58	77	58	109	200	159	104	88	19	202	118	1273
S	144	3	28	47	99	73	65	98	134	49	28	152	920
SW	105	28	33	53	48	23	26	84	120	143	32	176	871
W	121	47	31	47	70	10	29	114	115	118	80	84	866
NW	54	36	53	49	76	17	18	80	64	59	78	49	633
Calm or Var.	26	20	44	57	78	66	95	74	47	53	11	6	577

HOURS OF SUNSHINE.

	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	Total.	Per Centage of Possible.
January	–	–	–	–	–	0·10	6·92	7·54	10·90	11·01	10·77	11·04	10·49	0·83	–	–	–	–	69·60	30
February	–	–	–	–	0·22	5·82	8·50	9·66	8·67	8·98	9·68	8·94	6·91	3·93	1·40	–	–	–	72·71	26
March	–	–	–	–	2·71	3·41	5·89	7·73	8·32	7·72	6·64	5·37	5·72	5·64	4·22	0·68	–	–	64·05	18
April	–	–	0·65	3·76	5·43	6·24	6·42	7·42	5·17	4·25	6·23	6·09	4·12	4·81	3·85	2·45	0·61	–	67·50	16
May	–	2·69	9·21	7·13	8·97	9·11	9·00	9·66	9·46	8·12	7·70	8·05	8·46	6·49	7·18	7·03	6·96	1·07	126·29	25
June	0·45	10·96	13·19	14·90	14·26	15·65	16·30	16·62	16·69	16·43	15·99	16·58	16·33	14·64	14·68	15·08	13·49	7·60	249·84	47
July	–	3·20	5·42	6·05	6·78	5·69	4·18	4·75	4·39	4·24	4·77	4·27	3·92	2·73	2·89	3·56	1·82	0·26	68·92	13
August	–	–	2·82	4·36	3·77	4·38	6·25	6·34	5·74	4·25	7·75	6·53	6·45	3·49	4·49	3·75	1·59	–	71·96	15
September	–	–	–	2·34	8·51	10·67	12·00	12·64	10·35	10·99	12·26	12·29	11·62	10·16	6·90	0·26	–	–	120·99	32
October	–	–	–	–	1·31	2·78	4·33	3·04	2·37	3·10	2·79	3·01	3·20	2·24	–	–	–	–	28·17	9
November	–	–	–	–	–	0·47	–	0·30	1·89	1·49	1·98	1·25	0·73	–	–	–	–	–	8·11	3
December	–	–	–	–	–	–	1·63	4·14	4·64	4·18	2·79	2·96	0·79	–	–	–	–	–	21·13	10
Year	0·45	16·85	31·29	38·54	51·96	64·32	81·42	89·84	88·59	84·76	89·35	86·38	78·74	54·96	45·61	32·81	24·47	8·93	969·27	22

BEN NEVIS OBSERVATORY LOG-BOOK, 1888.

Jan. 2.—The tracks of a hare were seen at thermometer box at 8^h to-day.

Jan. 3.—The lamp was blown out at 18^h, causing the outside readings at that hour to be from 2 to 3^m late. There was a fall of ·122 inches in barometer from 23^h to midnight.

Jan. 4.—The temperature readings at 1^h, 2^h and 5^h were taken from 2 to 3^m late, owing to the lamp being blown out—the wind being so strong at 1^h that the observer could not stand, and had to crawl to thermometer box. At 2^h there was no drift, but junks of ice and hard snow were flying about. At same hour the observing book and form were blown away. It was found impossible to carry raingauge and manage lamp in early morning, hence no rainfall measurements were obtained; and in afternoon the gauge was each hour full or almost so of surface drift, which made the readings worthless. The Robinson anemometer was set agoing at 9^h 50^m, but was tied up again at 19^h. After 18^h, in an average squall, the velocity indicated by anemometer was $93\frac{3}{4}$ miles per hour. The squall which was measured had an estimated force—10.

Jan. 6.—Top clearing at times in forenoon, showing wild sky above with bands of clouds lying E. and W., and heavy cum.-str. all round on other hills.

Jan. 7.—The thermometer box was shifted after the 15^h observation—height on ladder not changed.

Jan. 8.—The top cleared at 22^h, and till midnight the sky overhead was cloudless, but dark clouds were observed low to S.E., and fog or mist covered the hills all round.

Jan. 9.—The top cleared after 7^h and remained clear except for occasional whiffs of passing mist for the rest of the day. At 10^h it was noted that the upper clouds were lying E. and W., and in places where the structure was ribbed, the ribs were lying N. and S. At 16^h the shadow of Ben Nevis was observed above horizon to N.E. The sun did not set till 16^h 15^m. After the sun had set the earth shadow was seen rising to E. topped by red clouds. About sunset the sky was hazy.

Jan. 10.—Mist on top till 6^h and passing at times till 13^h, but top quite clear and sky cloudless for rest of day, but fog on hills to about 4000 feet. At 16^h the fog to W. was much higher than Ben, but sloped down as it came towards Ben, but was very low over the Loch basin, and was breaking up to E. At same hour earth shadow was seen topped by rosy clouds. At 18^h bright meteor seen. It fell from a little to W. of Cappell to fore paws of Great Bear; its path hung at an angle of 45° to horizon. At 21^h and 22^h an aurora was seen. At the former hour it was pretty bright and there was a dark cloud below it, but at latter it was faint and only seen between a dark cloud and horizon.

Jan. 11.—Except from 8^h till 12^h the sky overhead was cloudless all day, but till 17^h patches and bands of str.-cir. were observed all round below 30°. At 10^h the bands thus observed were lying E. and W. At 8^h 50^m shadow of Ben seen. Fog in valleys to about 3000 ft. till 11^h, and below 2000 ft. till 17^h, after which it vanished. At 16^h shadow of Ben was seen above horizon to E.N.E. When the earth shadow was on a level with its apex it was 1° 32′ above horizon. Just before vanishing, and when the disc of the sun had half set, its height was 1° 45′ (measured by steph.). At 20^h the zodiacal light was seen as a grey light sloping from W.S.W. horizon to about 30° above S.S.W. horizon. It was visible at 21^h, and faintly at 22^h. From 20^h till midnight an aurora was observed, streamerless, except at 22^h, and more or less ill defined and faint.

Jan. 12.—The above aurora continued till after 1^h to-day, but at 2^h and following hours there was none. The hills and valleys around were clear till 7^h. At 8^h fog was observed over Loch Linnhe, and in valleys to N., which kept spreading and increasing till at 13^h, and for the rest of the day there was fog all round. From 18^h to 20^h a dark cloud bank was seen to W. increasing and approaching. At 21^h there was thin mist passing. (It could not be determined whether this mist was due to the above 'cloud bank' or to the fog in valleys). The sky was overcast with a thin pall at 22^h and 23^h, through which stars could be seen. Thin mist enveloped summit at midnight. The Ben shadow and earth shadow were seen after 16^h, and the zodiacal light at 20^h.

Jan. 13.—Very wet mist on summit till 5^h, but so thin that the brighter stars were seen all the time. During the rest of the day the top was clear and the sky overhead almost cloudless, but fog on hills around to about 3000 feet. At 16^h the Ben Nevis shadow was seen to N.E. When the sun's disc was half down, the apex of Ben shadow and top of earth shadow were 1° 22′ above horizon. The Ben shadow was much darker than earth shadow. At 16^h 16^m the former was seen as a black speck in the latter. The sun set at 16^h 18^m, and then the top of earth shadow was 2° 29′ above horizon. From 18^h to midnight an aurora was observed. At 19^h it was double arched. At 19^h 15^m the top of upper arch was at Polaris. At 19^h 20^m this arch was at zenith, and its ends were at W.S.W. and N.E. horizons. At same time the second arch was double throughout its whole length, and triple in eastern half, and all these sections were giving out short streamers. Between this second arch or series of arches and horizon, another thin arch and sometimes two were seen, and also a number of short jets or streamers having no connection with any arch. From 19^h 20^m to 19^h 25^m the display was at its best. After this the upper arch began slowly to retreat towards N. hori-

zon. At 20^h the aurora was very bright, and double, and sometimes triple-arched, but its upper limit did not extend higher than Vega and Benetnasel—*Ur. Maj.* Each arch had streamers. At 19^h and 20^h there was no 'dark segment,' but at 21^h there was, and from the ragged appearance of its upper edge it seemed to be due to a bank of cloud. At 21^h some red was seen in aurora. At 22^h the body of auroral light was faint, but the streamers then seen were very long, reaching in some cases from horizon to 25° altitude. At this hour dark broken clouds were seen to N. At 23^h it had neither streamer nor arch, and was greatly obscured by dark clouds. At midnight it was very faint and low, and had neither streamer nor arch. At 19^h 30^m there was a steady current in telegraph cable, keeping needle almost hard over to *dash* side (current up the wire), and at 21^h 15^m, when sending report, there was a steady current, keeping needle over to *dot* side (current down wire). At 20^h dew was observed on thermometer box, and hoar frost on *snow* and roof. A like observation was made at 22^h. At 18^h, 19^h and 20^h the zodiacal light was observed.

Jan. 14.—The aurora continued faintly visible till 5^h to-day. At 2^h mist was passing summit, but during the rest of the day the summit was clear, but fog covered the lower hills. At 15^h the shadow of the cir. clouds in sky was seen in the air as dark streaks. At 16^h shadow of Ben was observed with its apex above horizon. From 18^h till midnight an aurora was observed. At 18^h it had two arches—the lower just visible above horizon. At 19^h and 20^h it was faint and streamerless. At 21^h it consisted of a single arch, low to N., with streamers occasionally. At 21^h 30^m it was double—the lower arch shooting streamers—at same time the 'dark segment' was sharply defined. At 22^h there were two well-defined arches, the lower one being sharply defined beneath. At 22^h 10^m it suddenly brightened up, lighting the hill top, and broke up into many streamers, which moved quickly horizontally, its lowest limits and the base of each streamer were red. At 23^h there was no definite arch, only patches, but there were numerous streamers. Its altitude was not above 12°. At midnight it was but faintly seen. After 18^h the zodiacal light was visible in W. sky; at 20^h and 21^h it was very distinct, stretching up through Pisces to near Aries. It continued visible till after 22^h.

Jan. 15.—Summit clear all day. From 1^h till 6^h the aurora was faintly visible. Fog in valleys all day to the height of about 2500 feet. In afternoon glimpses of the lower hills and moors were got through breaks in the fog, and it was observed that the Moor of Rannoch was white with hoar frost, as were also the hills to S. and N.E. of Ben, but these only to a height of about 2500 feet, all above this having no hoar frost. From 13^h to 16^h a small arc of solar halo was seen, coloured red, yellow and blue, and at times red, yellow and green. At 15^h two small arcs were seen at opposite ends of almost horizontal diameter. The colours were very bright. The following measurements were got per stephanome:—

13^h	Radius to red . . .	22° 57′
14^h	Radius to red . . .	22° 24′
14^h	Radius to yellow . .	23° 3′
15^h	Radius to inside of red .	22° 12′
15^h	Radius to outside of red .	22° 49′
15^h	Radius to middle of yellow	23° 17′
15^h	Radius to outside of blue .	23° 44′

At 16^h shadow of Ben was seen above horizon to N.E. At 23^h there was a pale grey light in N. sky. At midnight the S., N. and E. skies to 20° altitude were much brighter than zenith—as bright as 'Milky Way.' At 7^m past midnight an aurora burst into view low to N.

Jan. 16.—Till 4^h the sky to E., N. and S. to 15° altitude was much brighter than the part above this. There was fog in the valleys all round till 6^h; mist passing at 7^h; but at 8^h the N. hills and valleys were clear of fog. The top was enveloped in fog at 16^h and again from 18^h till midnight. At 14^h and 15^h glories with three and four rings were seen from roof on passing fog. Snow crystals were forming from fog at night. A weasel was seen at 11^h running from S.E. side of summit towards hotel.

Jan. 17.—The fog cleared away after 4^h, and for the rest of the day the sky was absolutely cloudless, from zenith to horizon all round, but fog lay on E. and S. hills, and in afternoon haze was observed in valleys to N. and W. Fog crystals forming in early morning. The wet bulb reading at 11^h (that on daily sheet) being somewhat doubtful, owing to the bulb having been partly dry. The following observation was made at 11^h 15^m, viz.,—dry bulb 25·8 and wet bulb 21·1.

Jan. 18.—Faint aurora seen at 4^h 50^m. Fog passing at 12^h, and fog crystals forming then. Fog on E. and S. hills till about 16^h, after which it vanished, but dark haze filled valleys all round. A little cir.-s. was seen at 1^h low to N.E., this was the only cloud above horizon all day.

Jan. 19.—Fog on Caledonian Canal and Loch Eil all morning. Hoar frost was seen on low grounds about midday. Thick haze filled valleys to-day to about 3000 feet, the tops of the higher hills showing clear above it. Fog was seen to S.W. at 11^h. It steadily increased E. and N., till at midnight it was all round, and rising to S. higher than Ben. At 22^h faint aurora was seen, and also a broad white ill-defined lunar halo. In afternoon the cir. clouds were lying S.W. to N.E., and moving from N.W.

Jan. 20.—Fog passing at 1^h, but sky above cloudless till 4^h, after which, however, and till 14^h it was overcast or nearly so with cirrus types, which at 11^h were observed to be lying W.S.W. and E.N.E. Mist on at 15^h and for rest of day.

Jan. 21.—Double and triple corona were observed at 19^h and 20^h, and an aurora suspected at 21^h. A fog-bow was seen at midnight.

Jan. 22.—At 2^h and 3^h aurora was seen, single arch, bright, but no streamers. The thermometer box was shifted one step *down* on ladder stand after 4^h. A corona was seen at 19^h.

Jan. 24.—At 8^h and 17^h the readings of thermometer were taken from 1 to 3^m late, owing to the door of box being tightly frozen.

Jan. 25.—A lunar corona was seen at midnight. Very large, white snow hail fell between 21^h and 22^h.

Jan. 26.—Lunar corona were observed at 1^h and 3^h, and at the latter hour a fog-bow was seen.

Jan. 28.—Thermometer box was shifted at 0^h 35^m. From 4^h till 23^h the sky was cloudless, except for occasional whiffs of fog passing summit. Fog covered N. and E. hills mostly all day, and haze was observed to W. and S.W. At 6^h and from 19^h to 21^h lunar corona were seen on passing fog, double and triple at

times, and with very bright colours. An eclipse of the moon was observed after 21^h. At 10^h a weasel was seen about the hotel.

Jan. 31.—At 11^h the raingauge was found undercut and lying over. None put out after this. Large 'chunks' of hardish snow were flying about in the forenoon, and almost all the loose fresh snow on the hill top was cleared off, leaving the icy surface formed by the last thaw exposed.

Feb. 1.—Thermometer box shifted at 4^h 10^m. The cir.-c. clouds noted to-day were mostly in rather large pieces. No fog in valleys, but horizon rather hazy in afternoon. The depth of snow at post B. (first gorge) was 81 inches this afternoon.

Feb. 3.—Thermometer box shifted at 10^h 40^m. Louvres of box a good deal choked with ice in afternoon; cleared at 20^h.

Feb. 7.—Thermometer box shifted at 2^h 30^m.

Feb. 8.—Thermometer box shifted at 10^h 20^m.

Feb. 10.—Top covered with soft snow, which drifted a little at night. At midnight aurora seen faintly.

Feb. 11.—Aurora seen again at 1^h, 4^h and 5^h. Thermometer box shifted at 4^h 35^m. Box put one stage higher on ladder stand. At 7^h detached fog among hills to E. and in the valleys to N. Sun rose at about 7^h 55^m. The earth shadow and shadow of Ben Nevis seen before sunrise. Detached fog among the hills all forenoon and part of afternoon; at times streaks lying at about 1000 feet height with ragged cum. top. At 13^h it was found that the sunshine recorder had slipped on the snow, consequently the record for that hour is blurred, but is evidently continuous (60^m).

Feb. 12.—Aurora, single arch, no streamers, seen at 3^h, 4^h and 5^h. Fog all round to about 4000 feet from 7^h to 10^h, after which it broke up into detached parts, which in the afternoon lay in streaks of cum.-structure along the sides of the hills. No unusual colours were observed in the sky on either the 11th or 12th.

Feb. 14.—At 8^h a glory was seen; no measurements got. No raingauge was out to-day as the drift would have made it useless, but apparently no snow fell.

Feb. 15.—Thermometer box shifted at 9^h 30^m. No fog in valleys or on hills all day. No unusual colours in sky. The earth shadow was seen at sunset.

Feb. 16.—At 8^h, 9^h and 10^h low fog over Loch Eil and Loch Linnhe, and haze to S. At 7^h 50^m the earth shadows and shadow of Ben Nevis were seen. At 10^h fog was blowing over the Cairn Dearg, and at 11^h across the hill top. At 14^h 20^m solar halo seen. Red inside and blue outside; no measurements got. In afternoon level-topped haze all round, with cum. above and in it. At 14^h brown colour under sun above this haze.

Feb. 18.—At 14^h sun shining in patches on the hills all round; no fog in valleys, but heavy cumulus and cumulo-stratus everywhere. Very heavy squalls began suddenly at 21^h 45^m, ice crystals blown away off tower, etc. Barometer pumping heavily—a reading at about 22^h 12^m during a lull gave 25·117. At 23^h the outside observations (temperature, etc.) were about 4^m late, owing to lantern being blown out while going to box. After this the jacketed lantern was used. No raingauge was out in early morning nor at night as the drift made it useless.

Feb. 19.—After 11^h thermometer box shifted, the hinges being damaged. The strong wind of last night and this morning have swept the fresh snow off, leaving the icy surface formed by the thaws of last month exposed over a large part of the hill top.

Feb. 20.—Very squally in early morning with strong back swirls. Ugly-looking clouds all round in afternoon, and patches of cum. fog on hills. At 23^h lunar halo and corona seen.

Radius to inside of halo . .	21° 24′
Radius to red of corona . .	2° 53′

Corona very misty and badly defined.

Feb. 22.—Thermometer box shifted at 18^h 15^m. White, dry, loose fog crystals forming at night.

Feb. 23.—After sunset at 17^h 45^m, the earth shadow was seen. Double lunar corona at night—inner set yellowish and outer blue-green, inside their respective reds.

Feb. 24.—In the evening the fog lifted, forming a layer of cloud not far above the hill top, and extending over the whole sky, but not touching any of the hill tops.

Feb. 25.—Detached fog hanging about the hills to S. and E. all afternoon. No unusual colours round sun, but faint after glow at 19^h.

Feb. 27.—White, dry fog crystals forming freely all yesterday and this morning. At 9^h the fog was beginning to sink, and by 11^h the sky was seen to be quite clear, though fog was still blowing over the hill top. All afternoon, thick, rather cumulus-looking fog hid the hills round and extended to the horizon. The Aonach More and Aonach Beg (4000 feet height) were seen above it occasionally, but no other hills except Ben Nevis and its adjacent ridges. No colours in sky round sun in afternoon, and only a very brown colour under it above the fog. The after glow and earth shadow were seen after sunset. Very bright moonlight at night. At 14^h 30^m a glory was seen from the cliff edge. Three rings, red outside in each. Middle ring the best defined, but all rather misty looking.

Radius of second red . .	4° 13′
Radius of yellow . . .	3° 36′

Streaks of cirrus cloud came on from the N.W. at night (21^h and 22^h). At 22^h faint lunar fog bow seen. Single, no colour.

Radius to inside of bow . .	34° 0′
Radius to outside of bow . .	48° 26′

Feb. 28.—At 2^h a portion of a lunar halo was seen. At 4^h it was again seen faintly tinged with red inside.

Radius of red	22° 0′

At 4^h a lunar glory was also seen from edge of cliff. It had a sharp, well-defined outer edge but no colours. It disappeared before a measurement could be made. The radius was, very roughly, about 1°. A lunar corona was also seen at 4^h. At 4^h the fog which had hid the lower hills had begun to break up to S., and after this it gradually cleared off, leaving the horizon, however, somewhat hazy. A faint halo was seen at 5^h, 6^h and 8^h, the last being solar. The earth shadow and shadow of Ben Nevis were seen at 7^h. The after glow and earth shadow were also seen at 18^h, but no unusual colours were seen in the sky during the day. Up to 21^h the sky had been clear, except for detached cirrus-cumulus, but at 22^h a heavy pallium, quite low down, covered it.

Feb. 29.—The low pallium of cloud sank down and

covered the hill top before 2^h, and continued on the top till 21^h, shortly after which it cleared off, leaving a cloudless sky. This fog lingered longest on the hills to E. and S.E. Thermometer box shifted at 23^h 15^m.

March 1.—The fog that began to blow across the hill top at 4^h seemed to be local, as none had been observed before. After the top cleared at 8^h, however, fog still lay to about 4000 feet all round. It broke up into detached portions after noon. A glory was seen at 8^h. No unusual colours near sun during the day. The earth shadow and shadow of Ben Nevis seen after sunset. This afternoon the snow at the first gorge was found to be overhanging the edge for 140 inches. At 18^h the tracks of a hare were seen near the thermometer box.

March 2.—The wet bulb reading at 2^h is rather doubtful as the bulb had got somewhat dry. After this time the bulb was wet at the half-hour as long as the air continued dry. A faint lunar halo was seen at 3^h and a corona at 4^h. At 4^h detached fog was lying among the hills to S. At 5^h it was over all the hills to 4000 feet, except those to S.E., and at 6^h on the top.

March 4.—Between 15^h and 16^h, snow crystals, with six blunt-pointed rays, each ray feathered with smaller crystals, observed to be falling.

March 5.—Thermometer box shifted at 2^h 15^m. At 7^h the shadow of Ben Nevis was seen to W. Stratus fog lay at about 2000 feet or less among the hills to S. and W. At 8^h this fog was in detached portions, but was blowing over the Cairn Dearg.

March 6.—The snow which fell this afternoon was heavy granulated stuff, which hardly drifted at all. Between 13^h and 14^h the wind on Maclean's Steep and the Plateau was W.N.W., though on the top it was between N. and N.E.

March 12.—Star-shaped flakes of snow falling in afternoon—too little to show in gauge.

March 14.—At 4^h the lamp was blown out just after reading dry bulb; the wet bulb was assumed to be the same. At 23^h all the outside observations were 4^m late, owing to lantern being blown out. The jacketed lantern was used all night. It was impossible to stand on the roof during the strongest wind at night. At 15^h the pressure of the wind was tested by holding the blade of a shovel, measuring 16 inches by 12 vertically, and measuring the pressure by a spring balance. The max. observed was 26 lbs. on the square foot (35 lbs. on shovel), the estimated force at the time being 10.

March 15.—The vane of direction anemometer was heavily coated with fog crystals till after 15^h, and did not point truly to windward. At midnight the dry bulb was below its scale, and its temperature was assumed to be the same as the wet bulb.

March 16.—At 1^h the dry bulb was below its scale, and its temperature was assumed to be the same as the wet bulb. At 1^h 10^m dry and wet shifted. At 2^h the fog broke to N., and an aurora was seen. At 10^h 10^m thermometer box shifted. No fog in valleys all afternoon, but horizon very hazy—this was partly due to the heather burning that was going on all round. At 16^h some cumulus clouds under sun, with very ragged edges, were coloured red and green on their upper edges, the red being next sun. Distance of red from sun about 7°. Aurora was seen at night. At 20^h and 21^h it consisted of a single arch without streamers, but at 22^h the arch was broken up, and there were long narrow streamers rising from all parts of it and reaching to about 45° altitude. At 23^h and midnight it was again a single arch without streamers. All evening an earth current in telegraph cable kept the needle over to *dash* side. During this afternoon and evening the dry read frequently below the wet bulb. It was observed to be covered with fine spicules of ice, which although wiped off continually gathered on it again.

March 17.—At 1^h double arch aurora seen, and at 2^h faint aurora still visible. Loose, dry, white fog crystals forming in afternoon. At 7^h star-shaped crystals falling. They were roughly about $\frac{1}{10}$ inch diameter.

March 18.—Aurora seen faintly at 1^h and 2^h. At 6^h the upper glow was seen. Detached cumulus over hills in forenoon, but no fog in valleys all day. Horizon rather hazy, due partly to heather burning. The sun set at 18^h 40^m. After glow and earth shadow seen. At 23^h faint auroral light seen to N.

March 19.—The earth shadow and shadow of Ben Nevis were seen before sunrise at 6^h 30^m. Some detached cumulus over hills again to-day, but no fog in valleys. Horizon again hazy; large tracts of heather burning. No unusual colours were observed in the sky either yesterday or to-day. At sunset the after glow and earth shadow were seen.

March 20.—A faint aurora, consisting of a single arch low down and without streamers, was seen at 2^h, 3^h and 4^h. The earth shadow was seen before sunrise. A snow-bunting was seen flying about on the hill top at 11^h. The earth shadow and the after glow were seen after sunset at 19^h. At 20^h the W. horizon still showed faint sunset colours. There was no fog in the valleys or on the hills to-day, but thick haze, mixed with smoke from burning heather, covered everything to about 4000 feet. Above this were a few patches of cumulus. Air intensely dry all night.

March 21.—At 6^h roll-cum. was seen low down to W. and N.W.; at 7^h it had come nearer, and at 8^h had covered the sky overhead. The upper glow and earth shadow were seen before sunrise.

March 22.—At 9^h the mist that had covered the top all morning sank down to about 4000 feet, but the sky overhead was covered with stratus which seemed to join the mist all round. At 11^h fog-bow seen, white with faint red outside. Also at 11^h 10^m glory with one band of colour—too faint to measure.

March 23.—At 14^h the top was clear though sky overcast with low stratus. No fog in valleys. At 15^h crystals of snow falling, mixed with small, hard, shapeless snow.

March 24.—No raingauge was out from 6^h to 9^h, but apparently no snow fell. All measurements of amount of snow doubtful, owing to drift. Louvres of thermometer box badly choked with fine drift and fog crystals most of the day.

March 25.—At 8^h a layer of cloud of fog about the level of the hill top extended in all directions. Thermometer box shifted at 11^h 30^m. For several hours after this the readings of the dry and wet were very mild, but the air was apparently saturated. At 14^h snow crystals falling, as varying from $\frac{1}{10}$ to $\frac{2}{10}$ inch diameter. A few of them had points projecting in different planes in addition to the usual six. Similar crystals falling at 15^h, but, on

the whole, smaller in size, none exceeding $\frac{1}{10}$ inch diameter. Faint lunar halo seen at 20^h, 21^h and 22^h. It was difficult to distinguish between upper and lower clouds at night, they seemed to pass into each other without any marked plane of separation.

March 26.—A slight shower of snow, consisting of small rough pellets of hardish texture, fell at 15^h, diameter about $\frac{1}{20}$ inch. Stars and small pellets mixed about $\frac{1}{10}$ inch diameter fell at 19^h. Neither of these showers were sufficient to affect the gauge.

March 27.—Thermometer box shifted at 9^h 40^m. At 9^h cum. fog on hills to about 4000 feet. The cum. fog continued to hang about the hills round most of the day, but at 18^h had risen and joined cum. clouds above the hills, which gradually disappeared later in the evening. At 23^h and midnight lunar halo seen, faintly tinged with red inside. At 23^h it was measured.

Radius to inside of halo . .	23° 58′
Radius to outside of halo . .	29° 4′

No low fog in valleys all day.

March 28.—The lunar halo still visible at 1^h and 2^h. At 4^h a lunar corona was seen occasionally. Before sunrise at 6^h the earth shadow and shadow of Ben Nevis were seen. When clear to-day there was no fog in valleys, but cum. fog on and over hills. The great amount of fine drift going made the raingauges useless; most of the snow that fell a few days ago was swept off the hill top and the old icy surface exposed.

March 29. — Raingauges useless in early morning owing to drift, and measurements by them in forenoon doubtful from same cause.

March 30.—At 10^h a few star-shaped crystals were falling mixed with the snow-flakes. At 19^h the snow consisted of small pellets not flakes.

April 1.—Thermometer box shifted at 2^h 20^m. No fog in valleys in morning, except a little patch of stratus fog over Fort-William at 6^h and 7^h. At 7^h fog on hills to W. At 8^h fog blowing across Ben Nevis and on hills round. The snow that fell this afternoon was icy, in small pellets rather than flakes. Measurements of amount of snow at night rather doubtful owing to drift.

April 2.—Aurora, single arch without streamers, seen at 22^h and midnight.

April 3.—Aurora still visible at 1^h and 2^h. At 8^h cum. was seen to N., and at 9^h it was over Ben Nevis, and fog brushing the hill top.

April 4.—At 17^h fog on hill top, but sky seen above covered with cum.-s. The fog on the hill seemed local and distinctly below the level of the cum.-s clouds.

April 5.—Thermometer box shifted at 0^h 15^m. At 2^h very faint aurora seen low down to N.N.W. At 4^h faint sunrise colours were observed. At 5^h the upper glow and earth shadow were seen. Fog over hills to E. to 4000 feet. This fog gradually broke up into cumulus in the forenoon. At 11^h the sky was clear, but there was cum. fog rising out of Glen Nevis; before 12^h the sky was overcast with cumulus, but the air under remained very clear till the clouds sank and formed fog on the hill top at 15^h. The beginning of the fog was not accompanied by any change of temperature.

April 6.—Faint aurora, single arch, no streamers, seen at 1^h. At 7^h a little fog lay over Loch Lochy and cum. fog hung about the hills all forenoon. In the afternoon this fog rose and formed detached cumulus clouds above the hills. No fog in valleys all day. At 18^h the cloud that had formed above Ben Nevis sank down and became fog.

April 8.—At 5^h the sky was covered with cum. and fog lay over the hills round to 4000 feet. In the forenoon the fog broke up and formed cumulus clouds; these, in the afternoon, were specially heavy to W., but there was no fog in valleys. No unusual colours in sky all day. A few faint and evanescent glories seen between 18^h and 19^h on fog blowing across the hill top.

April 9.—Till 4^h, though the sky was cloudless there was str. fog on hills to N. and E. to about 3500 feet. After this the fog broke up into detached portions. The earth shadow was seen at 5^h. At 15^h small needle-shaped crystals of snow were falling, and at 16^h besides these there were flakes composed of agglomerations of these crystals without any order or arrangement. The needles were about $\frac{1}{10}$ inch long and the flakes up to $\frac{2}{10}$ diameter. Small icy particles fell mixed with the snow in the evening.

April 10.—The snow that fell this afternoon was small, hard, and rather icy. Louvres of thermometer box choked with ice all evening.

April 12.—At 1^h a light was seen to N. through breaks in the fog—probably auroral. At 6^h 10^m thermometer box shifted. Portions of solar halo were seen at 7^h and 9^h. At 9^h there were two small arcs, one on each side of the sun, coloured red, yellow, green, blue, the red being inside. No fog in valleys in forenoon, but detached fog on the hill tops all round.

April 14.—A solar halo, red inside, blue outside, was seen to-day between 17^h and 18^h.

April 16.—Thermometer box shifted at 5^h 15^m.

April 18.—No fog in valleys all day, but cum. fog hanging about the hills in heavy masses and haze below it. Thermometer box shifted at 15^h 10^m.

April 19.—Dense masses of cumulus all round during the day, with dark haze below in valleys.

April 20.—Very squally and heavy drift in forenoon. At 11^h the raingauge was found blown over and lying about ten yards to leeward of its proper place. The door of the thermometer box was also torn from its hinges, while reading the thermometers at the same hour. No gauge was used all forenoon, but apparently no snow fell except a few crystals. At night though the top was sometimes clear of fog the air was evidently saturated, so the box was not shifted though slightly coated with drift.

April 21.—Thermometer box shifted at 19^h 10^m. No fog in the valleys, but cum. fog hanging about the hill tops round all day. Though fog was mostly brushing the top of Ben Nevis, the sky above seemed pretty clear. Some star-shaped snow crystals fell several times during the day. Fleeting lunar coronæ were observed at night.

April 24.—No fog in valleys to-day, but considerable haze. No unusual colours in sky during the day, but usual sunset colours and after glow at 20^h. Solar halo seen at 19^h—red inside. Radius of red = 21° 36′ (rough measurement). A lunar halo also seen at 21^h and midnight.

April 25.—Lunar halo still visible at 1^h and 2^h. At 1^h, 2^h and 3^h cum. fog to E. on hills. At 5^h cum. fog had formed on the hills to W., but no fog in valleys all day, though haze at night. A solar halo was seen at 16^h.

No unusual colours in sky during the day, but the earth shadow was seen at 20^h 5^m and the after glow at 20^h 15^m.

April 26.—Thick haze in valleys below all morning. At 4^h there were streaks of fog among the hills to N., and patches of cum. fog among those to S. At 8^h fog had begun to pass over Ben Nevis also.

April 27.—The snow which fell last night and to-day was dense and heavy, and scarcely drifted at all. Ice formed on all exposed surfaces out of the mist in the early morning. The louvres of the thermometer box were badly choked till after 6^h when they were cleared.

April 28.—Icy hail, mixed with sleet, fell several times in forenoon. All exposed surfaces heavily coated with hard ice, including the thermometer box.

April 29.—Conical snow-flakes or rather soft hail falling at 10^h. Thermometer box shifted at 12^h 30^m. Fog crystals at night hard and rather icy.

April 30.—At 8^h a glory was seen from cliff edge—too fleeting to measure. Fog crystals at night were dry and brown in colour.

May 1.—The fog crystals forming this morning were again brown in colour. The snow which fell at night was small and hard. Owing to the growth of fog crystals on the tower chimney, anemometers, etc., the indications of the crystal direction anemometer were very unsatisfactory.

May 2.—At 14^h 30^m an earth current up the telegraph cable moved the indicator of the telegraph instrument, and immediately afterwards a flash of lightning was seen. A heavy shower of hard hail had come on a few minutes before and was then falling. The louvres of the thermometer box were badly choked with fog crystals and drift all afternoon and night.

May 3.—The louvres of the thermometer box were badly choked till 17^h. At 17^h 35^m thermometer box shifted. Put one stage higher on ladder stand; it is now in the first stage of the upper part of the stand.

May 4.—Fog very white and dazzling in afternoon. The snow which fell to-day was large and coarse-grained and did not drift much. A little hail fell about noon.

May 5.—The snow falling at 2^h and thereafter consisted of flakes, and was not the coarsely granular form of last night.

May 9.—Thermometer box shifted at 2^h 15^m. Put one stage lower on ladder stand. A good deal of haze in the valleys to-day but no fog. Hills round almost clear of snow.

May 10.—At 4^h faint upper glow seen. Sun rose at 4^h 9^m above fog lying on the hill tops to N. and E. The earth shadow was also seen at 4^h. At 6^h faint mock suns seen, with trace of halo on each side of sun. Radius of red of mock sun = 21° 48′. The halo was still visible though very faint at 7^h. No fog in valleys all day, but considerable haze with cumulus rising from it. At 21^h there was cum.-fog to N.E. quite close to Ben Nevis. The sky was covered with cum. or cum.-s. all afternoon over the mainland, but the sun was shining on the Atlantic. At 23^h pearly cirrus clouds to N. very low down.

May 11.—The earth shadow was seen at 4^h; the sun rising about 4^h 3^m. At 6^h a very faint halo was seen. Slight haze and a little detached cumulus at horizon all day. No unusual colours in sky all day. Horizon bright but not coloured to N. at midnight. At 11^h a butterfly flew across the hill top from S. to N.

May 12.—At 1^h the wet bulb was found to be dry, and its value for that hour was interpolated. A thermometer was put out at 2^h lying freely exposed on the snow; at 3^h it read 25·6, the shade temperature being 37·8. At 4^h the earth shadow was seen. At same hour str. fog was lying on the hill tops to N. and W. This fog gradually gathered on all the hills round, and by 13^h had risen high enough to cover Ben Nevis also. Glories, accompanied at times by fog-bows, were seen at 9^h, 12^h, 17^h and 18^h. Several photographs were taken of them. Solar halo seen at 10^h, red inside, blue outside; it was also seen at 11^h. At 17^h 20^m a measurement of a glory with two sets of colours gave

Radius of inner red (outside edge) .	1° 3′
Radius of outer red (outside edge) .	3° 8′

Third and fourth sets of colours were seen occasionally. At 19^h the Robinson anemometer was tied up. At 20^h the black bulb was taken in. Hard icy fog crystals formed on all exposed surfaces at night.

May 13.—Thermometer box shifted at 15^h 15^m.

May 14.—At 11^h the fog was breaking at times overhead, shining cum. and cir.-s. above. A halo was seen on this cir.-s. at 11^h 8^m. At about 11^h 13^m the halo was again seen, and a cir.-c. cloud filled the space between the sun and the halo on the west side. This cloud was coloured in the following order:—

⊙ White yellow red
Blue green red
Blue green red
Blue red
Halo red blue

These were portions of circles, but there were also red and blue spots on the cloud not coinciding with any ring. The successive rings of colours filled almost the whole space inside the halo on the west side. If there had been a 5^h red ring it would have about coincided with the red of the halo. At 14^h the top was clear and there was no fog in valleys. The snow falling at 18^h consisted of small, round, soft pellets; later in the evening it became more flakey, but was still soft and did not drift.

May 15.—The fog crystals forming to-day were white and dry. Considerable surface drift all day.

May 16.—In early morning the fog crystals were long and white, but towards the middle of the day became slightly brown in colour. Very faint solar halo seen at 10^h. Thick haze all round when hill top was clear in morning.

May 18.—All afternoon the raingauges were useless, as the strong wind blew up icy drift off the surface loosened by the thaw. At 19^h the sunshine recorder, which was standing on a box on office roof, was blown over but not damaged. Snow thawed away rapidly in afternoon, and at night the roof of kitchen and visitors' room coming in sight.

May 19.—A flash of lightning was seen at 1^h 8^m. Sky ugly when seen all morning, with cum.-str. and cir.-str. also cum. fog on hills. Thunder and lightning began at about 14^h 35^m, and went on at intervals till about 18^h 40^m. The thunder clouds came rapidly from the S.E. at about the level of the hill top. It was found as each one came that there was a current for a short time down the telegraph wire, and as they cleared off a similar current up the wire, but the latter was more distinctly marked than the former. At about 16^h 30^m, as one of the clouds was mooring off the hill top, a sharp crack was heard in the

office stove, and a bright flash appeared to spring about a yard out from it; a similar crack was heard at the same instant in the kitchen stove, and a flash from it struck the left leg of James Miller at about a foot distance from the stove. It felt like a strong shock from a leyden-jar, but except for the pain at the moment did not injure him. Another crack and flash was observed at the office stove at 18^h 20^m when another cloud was leaving the hill top. During the whole time of the thunderstorms, the wind blew from the S.E. at about 60 miles an hour, and the temperature was between 43° and 46°. The hill top was sometimes covered with very thick mist and sometimes quite clear though the sky was cloudy. Heavy showers of rain fell. The telegraph wire was rendered useless for a few hours by the lightning protector being scorched—the two surfaces of the protector were slightly fused at one place. The surfaces were cleaned and a fresh paper put in at 19^h 30^m, after which the instrument worked well. The general surface of the snow was lowered about a foot to-day by the strong wind and high temperature.

May 20.—At 10^h some glories were seen from the cliff edge, and photographs were taken of them. At 12^h there were heavy masses of cum. just above the hills all round, but the valleys underneath were very clear—no haze or fog. At 18^h 10^m the upper joint was taken off the ladder stand, and the thermometer box put one stage down. At 21^h the sky was cloudless, but fog on the hills to S. The N. horizon was red all night with sunset colours.

May 21.—At 2^h very thin clouds overhead and patch of thin fog rising to W. At 3^h 25^m a faint upper glow was seen. Haze in the valleys most of the day; at 4^h (after sunrise) the shadow of Ben Nevis was seen very distinctly on this haze. No fog in the valleys. At 21^h a faint upper glow was seen. To-day the sun-level door was dug open.

May 22.—Heavy dew on everything till 5^h. Thick haze in valleys all day. Shadow of Ben Nevis seen on it at 4^h over Loch Linnhe. Cumulus gathered all over the sky in the afternoon, with cir.-c. above it occasionally, and still higher cirrus moving rather quickly from the N. It was noticed to-day that 20^h is the first hour at this season in which the thermometer box is shaded from the direct rays of the sun. To-day two visitors with a horse climbed the hill. This is the first horse that has been up this year; it was able to walk over the snow right up to the Observatory.

May 23.—At 3^h and 4^h fog lay low down over Loch Oich. It had entirely cleared off by 7^h. Portions of solar halos were seen at 10^h and 12^h. Horizon hazy to-day, but not so densely as yesterday. At 23^h a heavy fall of snow was heard on the cliff to N. somewhere between the Observatory and the Cairn Dearg (B.N.). N. horizon red with sunset colours all night.

May 24.—Just after sunrise the shadow of Ben Nevis was seen above the Mull hills, it gradually sank and continued visible on Loch Linnhe till after 4^h. Fog on Loch Oich in early morning. At 4^h it reached to about 1000 feet height, and extended as far as could be seen to N.E. and down to the head of Loch Lochy. Fog also lay in the Laggan Valley. No fog in valleys during the day, and less haze than yesterday. The earth shadow and a faint after glow was seen at 21^h. N. horizon red with sunset colours all night.

May 25.—Thick fog lay in the Caledonian Canal valley as far S. as Banavie at 5^h, and also in the valleys to N.E., and on the Moor of Rannoch. Horizon rather hazy elsewhere in early morning. The earth shadow was seen above Mull after sunrise; also the shadow of Ben Nevis. Great visibility to N. in forenoon. A solar halo was seen at 11^h and 12^h. At 11^h it was formed on streaks of cirrus lying N.E. to S.W., and moving from the N.W. At 14^h two eagles were seen flying up from the E. end of Ben Nevis. The earth shadow was seen again clearly at sunset.

May 26.—Fog gathered on the hills to N.E. in early morning, and after sunrise spread over all the hills round, except to S.W., at about 4000 feet height. Shortly after noon it rose clear off the hills forming cum. clouds. The shadow of Ben Nevis was seen after sunrise in the same manner as yesterday. Glories were seen from the cliff edge in morning. Some photographs were taken. After the cum. clouds formed there was no fog in the valleys nor on hills. At 6^h the wet bulb had got too dry, and its reading on the daily sheet is interpolated.

May 27.—Though the hill top was clear for a few hours in morning, there was heavy cum. fog all round. Slight surface drift on the snow at night. At 0^h 10^m the thermometer box was shifted one stage down on ladder stand.

May 28.—No fog in valleys all day. Air very clear, especially to S. and W., during the middle of the day and in the afternoon. Islay, Colonsay and Barra seen distinctly.

May 29.—At 2^h only very thin fog was blowing across the hill top, but there were detached patches of fog on the hills to E. and a very heavy and sharply-defined cloud bank to S.W. White, loose, dry fog crystals forming all afternoon.

May 31.—At 12^h 15^m James Miller thought he saw St Elmo's Fire on the kitchen chimney for a moment. Though the snow which fell to-day was granular and dense, it drifted a little, and the low-level door got blocked in the afternoon. The tower door was used all evening.

June 1.—Thermometer box shifted at 9^h 10^m. Put one step higher on ladder stand. After the fog cleared off in the afternoon the air was very clear all round, and no fog in the valleys. At about 20^h 45^m a solar halo was seen—only a small portion of the circle. Red inside, blue outside.

Radius to middle of red . .	22° 42′.
Radius to middle of blue . .	23° 30′.

The cum. clouds seen in the evening were small and high up, almost like cir.-c.

June 2.—At sunrise the air was very clear to W., the Outer Hebrides were seen. Also the shadow of Ben Nevis above Mull very sharp and distinct, after the sun was up. Fog lay on the hills to S.E. at 4^h. At 5^h upper part of halo seen, very bright. Considerable drift all evening, making the raingauge measurements very doubtful. The low-level door was dug out this morning, but got blocked up again in the afternoon. The kitchen windows were also blocked with drift at night.

June 3.—Up to 4^h the fog crystals were long, white, and rather hard, but easily knocked off from their hold; but at 5^h rain began, and, the temperature being 27°, everything was covered with hard ice. The fog crystals

grew to a great length—those on the hand rail of the tower steps were 22 inches long at 20^h. The rain formed a hard icy crust on the surface of the fresh snow, which at night was again covered with fresh snow.

June 4.—At 5^h it was seen that the snow lay on all the hills round down to about 1000 feet. No fog in the valleys, but at night fog on the hills to N.E. At midnight N. horizon red and pearly cirrus to N.E.

June 5.—At 3^h the upper glow and earth shadow were seen. Fog on hills to N.E. till 6^h. Air very clear, especially to S.W., after sunrise. A faint solar halo was seen at 8^h and again at 17^h. The cir.-s. which covered the sky in the afternoon came up gradually from the S.W., and had a moderately rapid motion from the W. and W.S.W. when overhead. No fog in valleys all day. Air very clear again in the evening. South Uist and Islay seen.

June 6.—At 1^h pearly cirrus clouds to N. . At 3^h bright sunrise colours and faint upper glow seen; the shadow of Ben Nevis very clear at 3^h 35^m. At 3^h and on till 8^h detached fog on hills to S.E., but no fog in valleys. All morning the air was very clear especially to N. At 8^h it was noted that Ben Wyvis, The Black Isle, Beauly Firth, and N.W. coasts were seen. Haze gathered to S. and W. in the middle of the day. Owing to the drift in afternoon the door of the visitors' room, the only low-level door open, had to be closed.

June 7.—The fog crystals forming this morning were white and rather hard. At 9^h a glory and fog-bow were seen. Loose cum. fog on hills round and blowing across Ben Nevis all afternoon. This afternoon the door of visitors' room and the low-level door were dug open again.

June 11.—Thermometer box shifted at 1^h 15^m. Height above snow not altered. At 2^h the wet bulb had obviously not cooled down to its true temperature, it read 32°·1, but as fog was blowing over the hill top at the time it was assumed to be the same as the dry bulb, viz., 29°·0. The shadow of Ben Nevis was well seen before 4^h after the sun was up. Fog in streaks among the hills round at 3^h and 4^h. A solar halo was seen at 9^h. Haze but no fog in the valleys in forenoon. After the midnight observation the thermometer box was put one stage lower on ladder stand.

June 13.—At 17^h, 18^h and 19^h passing showers with portions of rainbows seen to E. No fog in valleys all day. Sky faintly red with sunset colours at midnight.

June 14.—The upper glow was seen faintly at 3^h 10^m also the earth shadow. The sun was seen at 3^h 16^m. At 3^h and 4^h detached cum. fog among hills to S. and W. At 4^h low str. fog on Moor of Rannoch and on Loch Oich. Air very clear during the day, especially to S., and massive cumulus clouds in the middle of the day all over sky. Haze and stratus gathered round the horizon at night. N. horizon red at midnight.

June 15.—The haze gradually thickened, and at 8^h mist had come on from the S.W. After the mist cleared off there was no fog in valleys, but slight haze at the horizon. Pearly cirrus seen to N. at night. At 23^h it reached to almost overhead, not more than 10° from zenith, and even at midnight was about 45° above horizon.

June 16.—Dense masses of fog gathered on the hills to N. in early morning, and by sunrise covered all the hills to N. and E. The sun was not seen till 3^h 32^m. The earth shadow was seen before, and the Ben Nevis shadow shortly after sunrise as usual. The fog on the hills gradually rose and formed cumulus clouds in the forenoon; these continued overhead till 22^h, and then almost entirely disappeared. The shadow of Ben Nevis was seen at 9^h shortly before sunset. N. horizon dusky red at midnight, but no pearly cirrus all night.

June 17.—The sun was first seen at 3^h 14^m. Earth shadow seen before sunrise, and Ben Nevis shadow at and after sunrise as usual. No fog in valleys all day, except 2^h to 6^h when it lay in Caledonian Canal Valley as far S. as Loch Oich. Horizon rather hazy most of the day. A little cirrus formed in afternoon, and some pearly cirrus was seen at night. At 23^h some of it was no more than 5° from zenith. Pearly cirrus seen at midnight to about 30° altitude, with dark stratus nearer horizon. Horizon faintly red.

June 18.—At 3^h earth shadow and after sunrise shadow of Ben Nevis seen as usual. Streaks of str. fog at about 3000 feet on hills to N. in early morning. By 6^h it had spread over almost all the hills, but after noon broke up and formed cumulus clouds, leaving very clear views all round under them. It got rather hazy again in the evening after the cumulus had vanished, and cirrus clouds moving from the N. appeared. Shadow of Ben Nevis seen at 21^h just before sunrise.

June 19.—Thermometer box shifted at 0^h 15^m. Put one stage down on ladder stand. Thin layer of fog at about 3000 feet among hills to N. and N.E. all morning. At 3^h faint upper glow seen, and after sunrise shadow of Ben Nevis very distinctly—seen just at about three times the height of Mull above horizon. Thin cirrus in sky all afternoon moving from the E. Solar halo seen at 15^h and again at 19^h. Shadow of Ben Nevis seen again at 21^h before sunset. No fog in valleys all day, but fog as in morning among the hills to N. at night.

June 20.—Fog on hills to N. at 3000 to 4000 feet till about 6^h. Faint pearly cirrus seen at 1^h. The upper glow was seen at 2^h 50^m and more faintly at 3^h. The earth shadow was seen before and the Ben Nevis shadow after sunrise as usual—the latter seen first at about three times the height of the Mull hills. Slight haze at the horizon, but no fog in valleys during the day. Fog gathered on the N. hills again at night. The upper glow was seen at 22^h.

June 21.—Fog on hills to N. at about 3000 feet till 11^h, after which it cleared off, but formed again about 21^h. No other fog in valleys during the day. At 2^h there were passing showers seen to E. and at 3^h and 4^h cum. fog coming up from the E. and almost covering Ben Nevis, at same time, heavy cumulus clouds passing close overhead. Sun was first seen at 3^h 17^m. Horizon rather hazy all day. N. horizon red and yellow all night. At 22^h the upper glow was seen.

June 22.—Began to use the summer Stevenson screen to-day. Faint pearly cirrus seen to N. and N.E. at 1^h. Fog on hills to N. at about 3000 feet till noon. None seen during the day, but gathering again in the Caledonian Canal Valley beyond Loch Lochy after 22^h. Horizon hazy all day. At about 2^h 50^m the upper glow was seen. It was seen again very brightly at 22^h. The sun was last seen at 21^h 27^m. Faint pearly cir. at midnight.

It was observed that the large thermometer box, which is now in use, was in shade for the first time at 20^h, but that it got sunshine again at and for a few minutes before 21^h.

June 23.—Fog gathered among the N. hills in early morning at 2000 or 3000 feet. It also lay on the Moor of Rannoch about sunrise. The upper glow and earth shadow were seen at 3^h, and the shadow of Ben Nevis after sunrise; this last was first seen at about three times the height of Mull hills. The sun was first seen at 3^h 11^m, having been thus just 5^h 44^m out of sight. Horizon hazy all day, but the fog was all gone by 8^h. Cirrus clouds about the N. horizon all day, forming at midnight both pearly and dark cirrus. At 22^h the after glow was seen. N. horizon red all night.

June 24.—At 2^h fog gathered in Caledonian Canal Valley, N. of Loch Oich and on Moor of Rannoch. The latter vanished shortly after sunrise, but the former did not disappear altogether till about 9^h. At 2^h 45^m upper glow seen. Sun was first seen at 3^h 15^m. The earth shadow was seen before, and the shadow of Ben Nevis after sunrise as usual. Horizon hazy all day, except to N. where it was very clear in the forenoon; Ben Wyvis seen at 10^h. The sun was last seen at 21^h 26^m. After glow observed at 22^h. N. horizon red all night, and a little pearly cirrus.

June 25.—Fog formed in the Caledonian Canal Valley as far S. as Loch Oich in early morning, but it cleared off about 8^h. Bright upper glow at 3^h. Sun rose at 3^h 16^m. Shadow of Ben Nevis after sunrise rather faint. The sun was last seen at 21^h $26\frac{1}{2}^m$. At 21^h the shadow of Ben Nevis was observed to S.E., and at 22^h the after glow. N. horizon red all night, with a little pearly cirrus above it.

June 26.—Low fog, not over 1000 feet height, in Caledonian Canal Valley, as far S. as Loch Oich in early morning; it cleared off about 7^h. The sun was first seen at 3^h 18^m. Faint solar halo seen at 11^h. N. horizon red at night, with pearly cirrus above it. Both yesterday and to-day it has been very hazy all round.

June 27.—Very bright pearly cirrus to N. at 1^h. Upper glow seen at 2^h 50^m. Earth shadow at 3^h. Sun first seen at 3^h $18\frac{1}{2}^m$. Shadow of Ben Nevis seen very distinctly after sunrise. At 3^h there was low-lying fog on Loch Ness, but it cleared off before 5^h. Cumulus clouds gradually formed in forenoon, and for most of the day after 7^h fog was on or near the hill top, but the fog was almost quite dry. At 20^h a few misty, badly-defined glories were seen on large masses of cum. fog to E.

June 30.—Fog on or passing over hill top till 6^h. At 7^h fog on hills everywhere except to S. at about 4000 feet. This fog continued to hang about the hills to N.E. all day, forming at night a thick bank of cum. fog just beyond the Aonach More and Beg. After glow observed at 21^h 35^m. N. horizon red all night, and pearly cirrus very bright to N. and N.E. Hazy to S.W. and W. all day.

July 1.—Upper-glow seen before sunrise, brightest at about 3^h 5^m. Sun first seen at 3^h 27^m. Pearly cirrus at 2^h. Thin layer of fog capping the hill tops to N. and E. till about 8^h, and haze at horizon all day. The cirrus clouds seen in the afternoon came on from the W., but their own motion was from N.W. or N. The cumulus which covered the sky at 22^h had come up rapidly from the S. since 21^h. During all the late fine weather the thermometer box in use was in shade at 20^h, and in sun again at 21^h as noted on p. 71 (June 22).

July 2.—Sun first seen at 3^h 22^m. Dark crimson sunrise colours. Sky too cloudy to see upper glow. Earth shadow and Ben Nevis shadow. Horizon hazy all morning. Cum. fog among hills to E. and S.E. from after sunrise till noon, when it covered Ben Nevis also. In the course of the afternoon the fog turned to mist, and rain came on.

July 6.—Top cleared at 1^h, but fog lay over the hills round, especially to N., till about noon. The sun was first seen rising above this fog at 3^h 40^m. The upper glow was seen at 3^h 5^m, and the earth shadow before and the Ben Nevis shadow after sunrise as usual. Air very clear, especially to the S. and W. in afternoon. South Uist and Islay seen. Passing showers to E. at 17^h. In the evening showers of snow fell, and before midnight the roof was quite white.

July 7.—Mist cleared off a little before 3^h. Detached fog on hills or rising out of valleys all round till 10^h. The sun was first seen at 3^h 31^m. No upper glow or shadows seen as the sky was overcast. Passing showers to E. a great part of the day; a portion of a rainbow was seen on one at 19^h. Rolling cum. fog in N. valley at night, and fog among hills to N. and N.W. N. horizon red all night. Pearly cirrus seen to N. and N.E. at midnight; that to N. silvery white and to N.E. slightly yellow.

July 10.—From 10^h onwards the hill top was quite white with fresh fallen snow. When clear of fog in afternoon, visibility to W. and S., and no fog in valleys.

July 11.—Top cleared at night, but fog continued to drift across the hill top till almost midnight. At midnight N. horizon was faintly red, but no pearly cirrus was seen.

July 12.—Cum. fog on hills to N. and W. in early morning. Sun first seen at 3^h 45^m. Earth shadow seen before and Ben shadow after sunrise as usual. No low fog in valleys during the day, but considerable haze and fog in valleys between 19^h and 20^h. Glories with three sets of colours were seen on fog passing the E. end of the hill. At midnight the clouds sank low down, fog surrounded the hill, and drizzling rain came on.

July 14.—At 2^h fog lying in N. valley to about 4000 feet, and detached fog among hills. Misty solar corona seen at 4^h. Fog low down in valleys, not reaching 500 feet, at 6^h and 7^h. Fog hanging about the hills round all day, except for a few hours in afternoon when it was very clear to N. No fog in valleys at night.

July 18.—Detached fog in valleys and among hills in early morning. This fog hung about the hills to N.E. till 11^h, but in the afternoon there was no fog in the valleys, and the air was very clear, though with occasional showers passing to S. The rain that fell on Ben Nevis consisted of short heavy showers, like thunder showers, but no thunder was heard nor lightning seen. A portion of a solar halo was seen at 17^h.

July 19.—Low fog clinging to the watercourses in Caledonian Canal Valley and its tributaries in early morning. This cleared off about 8^h, and after that hour there was no fog in valleys, but thick haze gathered all round in the afternoon. The sun was first seen at 3^h 46^m

rising from behind the hills to N.E. without cloud or fog. No upper glow, the sky being cloudy, but earth shadow before and Ben Nevis shadow after sunrise as usual.

July 20.—Very thick haze all round all day, until fog came on at night. Faint upper glow seen at $3^h\ 25^m$. Sun first seen at $3^h\ 49^m$, rising above hills and shining through dark haze.

July 21.—Thunder was heard at $8^h\ 45^m$ and at $9^h\ 15^m$, but no lightning was seen. When clear of mist in the afternoon the other hills round were mostly covered with cum. fog rising up to and meeting the cumulus clouds above.

July 24.—Top clear for a few hours in forenoon, but fog all round. At 10^h a solar halo was seen.

July 25.—Top clear in afternoon and at night, but cum. fog on hills round till about 20^h, after which it cleared to W. Fog began to form in the valleys to N. after sunset. N. horizon faintly red at midnight.

July 26.—Fog lay all round except to S. to about 3000 feet in early morning. Sun was just seen over this at $4^h\ 5^m$. No upper glow, earth shadow, or Ben Nevis shadow, owing to the sky being covered with cumulus. About 9^h the fog rose higher, covering Ben Nevis, and continued to hang about the hill top all day. A heavy shower of rain and hail came on at $17^h\ 50^m$, evidently thunder rain; showers and drizzle fell from then on to midnight.

July 27.—Thin fog, with the moon occasionally seen through it till 4^h, after which it sank and lay covering almost all the hills round to about 3000 feet till 8^h, after which it rose again and covered Ben Nevis also. The sky from 5^h to 8^h was cloudless overhead; though the fog lifted sometimes again, the sky was always cloudy.

July 29.—In the early morning the ground was all white with freshly fallen snow. In early morning, hard, icy, white fog crystals formed on all exposed surfaces.

July 30.—Top clear in early morning, but detached masses of fog on all the hills round. In afternoon, view clearer, but passing showers seen. About 18^h one passed over Ben Nevis, where it fell as snow (temperature 33·9), but immediately afterwards a rainbow was seen on it, with all the usual colours quite bright.

July 31.—Thin fog in early morning, with moon shining through it. The top cleared about 10^h, and remained so, though with a cloudy sky above, till about 18^h, after which thin fog came on. Great visibility all afternoon—the Beauly Firth, with the Black Isle beyond, South Uist, Barra, and the N.E. coast of Ireland were all visible at the same time. The Irish coast showed as a faint line of land between Islay and Cantire.

Aug. 1.—Thin fog in early morning, but clear, or nearly so, from 10^h onwards. Heavy masses of cum. fog hung about the hills round during the day, and many passing showers were observed; two of these fell on Ben Nevis as slight snow showers.

Aug. 2.—Sun just seen at $4^h\ 15^m$. Earth shadow seen before and Ben Nevis shadow after sunrise as usual. At 4^h, fog on hills to E. and low down on Moor of Rannoch. A broad and ill-defined solar halo was seen at 8^h, formed on cirrus clouds.

Aug. 4.—Top cleared about noon. No fog in valleys, and air clear all round but sky overcast. At 19^h the ground was sprinkled with snow.

Aug. 5.—Top cleared about 10^h. No fog in valleys, but air not so clear as yesterday, there being a little haze, especially to S. The sky remained covered with cumulus which about 19^h sank down and enveloped the hill top.

Aug. 6.—Top clear from 8^h to 14^h, but sky overcast with cir.-s., and fog on all hills round.

Aug. 10.—Top cleared in early morning, but detached masses of fog lay over most of the hills round. A solar halo was seen at 8^h and 9^h. Horizon hazy all day, and fog again at night.

Aug. 13.—Ground sprinkled with freshly fallen snow at and after 20^h.

Aug. 14.—Top clear and sky overhead cloudless at 23^h and midnight, but fog on all the hills round, and clouds, mostly roll.-c. at horizon.

Aug. 15.—Fog on the hills round and blowing across Ben Nevis also till about 10^h. Air very clear in afternoon, especially to N. and W. The Outer Hebrides seen. Sky cloudless at night and no fog in valleys.

Aug. 16.—Aurora, single arch, no streamers seen, at 1^h, 2^h and 3^h. From 3^h to 9^h level-topped fog on hills to N. and E., at about 3500 feet. The sun was first seen rising above this fog at $4^h\ 46^m$. The upper glow was seen about half-an-hour before sunrise, and the earth shadow before and Ben Nevis shadow after sunrise as usual. Hoar frost on roof all morning till 6^h. Air not so clear as yesterday. Cumulus fog rising above hills, and forming cumulus clouds in afternoon, but sky quite cloudless at night. The sun was last seen at $20^h\ 6^m$. The earth shadow and upper glow were seen after sunset. Aurora, similar to that seen in morning, but slightly higher above the horizon, seen at midnight.

Aug. 17.—Aurora, single arch, no streamers, seen at 1^h and 2^h. At 3^h, fog beginning to form on hills to N. Continuous str. fog on hill tops all round from 4^h to 7^h, and detached fog till 10^h. Sun first seen at $4^h\ 49^m$. Upper glow and earth shadow before sunrise as usual. Shadow of Ben Nevis seen on the fog to S.W. At 5^h no trace of glory round it. Loose cum. fog floating about in afternoon. Slight haze at horizon most of the day, but occasionally quite clear to W. South Uist seen faintly. No fog in valleys at night.

Aug. 18.—From 4^h to 8^h, thick-looking fog lay over almost all the hills round at about 4000 feet. At $4^h\ 25^m$ not a single peak was visible above this fog to S. Heavy dew on everything in early morning. The upper glow and earth shadow were seen before sunrise and after sunset. After 8^h the fog on the hills got broken up into detached portions, and formed towards the middle of the day cumulus clouds, but thick haze hid everything except the nearest hills all day, and turned into thin fog at night. Dew was again observed on the thermometer box at 22^h.

Aug. 19.—Faint halo seen at 7^h, the part to N. of sun most distinct. Mock sun seen also to N. of sun at same height above horizon. Distance from sun (rough measurement), 119° 8′. (Evidently the 120° mock sun on horizontal circle.) Thick haze all day, passing into fog and mist at night.

Aug. 23.—From 16^h till midnight a strong gale from S.S.E. and S.E. blew, the anemometer recording velocities of 70 miles between 18^h and 19^h, 73 miles between 19^h and 20^h, and 74 miles between 20^h and 21^h. During the storm the wind was very squally.

Aug. 25.—A lunar corona was observed at 2^h. Except for some thin mist or fog passing occasionally, the summit was clear of cloud from 7^h till after 18^h. A rainbow was seen at 18^h.

Aug. 30.—An aurora was seen at 23^h.

Aug. 31.—A lunar corona was seen at 2^h.

Sept. 2.—The summit was enveloped in mist till 18^h, and clear thereafter till midnight, but the sky remained overcast with cum. and cum.-s., and fog covered the lower hills around.

Sept. 3.—At 5^h and 6^h the summit was clear of mist, but enveloped for the rest of the day. After 6^h observation, a glory and fog-bow were seen. The following are the measurements obtained by stephanome:

Glory—Radius of outer red . . 4° 56′
Radius of inner red . . 2° 42′

Order of colours:—Centre, bright yellowish space, spectrum blue to red, and spectrum blue to red again.

Fog-bow—Radius = 35° 4′.

Sept. 4.—Top cleared after 20^h, and some cirrus types were observed on sky, and mist was seen covering surrounding hills.

Sept. 8.—The summit cleared at 4^h, and remained clear for the rest of the day, but fog lay on the other hills around and occasionally rose to almost the level of summit, and on this fog, during the forenoon, glories were observed. The following measurements of these glories were got:—

Hour.	Radius of Red Rings.			Order of Colour from Shadow outwards.
	Outer	Middle	Inner	
$9^h\ 20^m$	6° 27′	...	4° 52′	...
$11^h\ 40^m$	8° 13′	6° 18′	3° 40′	...
$11^h\ 25^m$	8° 13′	6° 18′	3° 46′	Bright, y, b, g, y, r, v, b, g, y, r, b, g, y, r.
Immediately after above	8° 13′	4° 56′	...	...
$11^h\ 40^m$	5° 34′	2° 56′ / 2° 45′	...	Bright, y, r, v, b, g y, r, b, g, y, r.

The last observation was made from the East Point, the others from the North Cliff. At $6^h\ 41^m$ a double solar corona was observed, and measured: radius of outer red, 2° 51′, and of inner, 1° 40′. A coating of dew was observed on the black bulbs at 20^h. A faint grey glimmer at N. horizon at 23^h was probably auroral.

Sept. 9.—At 1^h and 2^h a faint aurora was seen low to N. A pink fore glow, with streamers, was observed a short time before sunrise, $6^h\ 35^m$, and at $6^h\ 40^m$ the shadow of Ben Nevis was seen above the horizon. Fog lay on the surrounding hills all day, rising and enveloping the summit for short intervals at 11^h and again at 17^h. After sunset, the after glow, with streamers, was observed.

Sept. 10.—From 19^h till 23^h the sky was quite cloudless, but by midnight it was overcast with cirrus stratus.

Sept. 13.—The mist cleared away after 4^h, and except for a little passing fog at times in forenoon, the summit was clear for the rest of the day. All forenoon there was fog in valleys all round, and thick haze in afternoon. An aurora was observed at 22^h, and again at midnight. The fore glow was observed in morning and the after glow and earth shadow were seen in evening.

Sept. 14.—From 2^h till 7^h mist or fog on hill top; clear for the rest of the day, and except for a little cirrus near the horizon the sky was cloudless, but thick haze filled the valleys all around.

Sept. 15.—Sky cloudless till 3^h and cloudy with cir.-c. till 5^h. Thick fog came on at 6^h, and changed to mist and rain at 8^h, which prevailed for the rest of the day. The zodiacal light was visible in E. sky at 3^h, and before sunrise a red fore glow was observed.

Sept. 16.—After 4^h summit cleared and remained clear for rest of day. Fog on hills around all day, rising about midday to near level of summit, but sinking again at night. At $6^h\ 10^m$ a glory was seen from the top of tower on a mass of low cumulus to W. of summit: radius of inner red, 2° 24′, of outer, 10° 7′, of extra outer, 5° 14′. A fog-bow was seen at same time, radius 35° 4′. The order of the colours in the glory was:—from shadow outwards, bright y, r, g, y, r, g, y, r, y, r. At $7^h\ 10^m$ another glory was seen, in which order of colours was:—shadow, bright y, r, b, g, y, r, b, g, y, r—radius of inner red, 2° 41′, and of outer red, 5° 0′.

Sept. 17.—The zodiacal light was seen at 3^h and 4^h.

Sept. 18.—At 22^h a lunar corona was observed. At 23^h and midnight fog lay in the valleys all round. At 23^h a lunar glory was seen. The observer's shadow was well defined, and about it there was a bright glow which was bounded by a faintly marked red ring of radius, 2° 29′. The fog on which the glory was formed was pretty thin. At the same time a lunar fog-bow was observed.

Sept. 19.—Very fine sunrise. Just before the sun rose, long pink streamers were seen diverging from E. horizon, passing overhead, and converging to W., where a rosy belt topped the earth shadow. The shadow of Ben Nevis was well seen in the earth shadow, and afterwards in the rosy belt shortly after sunrise ($5^h\ 56^m$). The valleys were filled with fog all forenoon, over which, after 4^h, thick haze crept up from the S. In the afternoon, the fog had disappeared, but the haze continued in valleys. At 23^h and midnight an aurora was seen. It consisted of a single, well-defined, but not very bright, arch spanning the N. sky from W. to N.E., and rising at 23^h to 15° alt. and at midnight to 8°.

Sept. 20.—Aurora visible all morning till 5^h, single arch, highest to N.W. and bent down a little to N. Upper glow seen at 5^h, deep reddish colour. Earth shadow and shadow of Ben Nevis seen as usual at sunrise. Upper glow seen after sunset at 19^h. Thick haze topped at times by stratus fog all round all day, only the higher hill tops showing above it.

Sept. 21.—Upper glow seen at 5^h. Sun seen at $6^h\ 2^m$. Thick haze topped by layer of fog or cloud all round the whole day to about 3000 feet.

Sept. 22.—Earth shadow and Ben Nevis shadow seen at sunrise (about 6^h) as usual. Thick haze and fog in valleys, similar to yesterday; air very dry in forenoon.

Sept. 23.—Earth shadow and shadow of Ben Nevis seen at sunrise as usual; seen also at sunset. Sun last seen at $18^h\ 20^m$. Fog or cloud layer on hills all round

at about 3000 feet all day; dark hazy look to E. above this fog in afternoon.

Sept. 24.—The fog on hills round rose higher, and by 3^h was beginning to pass across the top of Ben Nevis. It never cleared off completely for more than a few minutes at a time all day. Lunar corona seen in morning, and glories shortly before 16^h—all too fleeting to measure.

Sept. 25.—Thin, wet mist, with moon gleaming till 4^h, when it sank lower and continued to be about the level of the hill top till 13^h. In the afternoon the air was free of fog, but towards evening—after 16^h—it gathered again on and under the hill top. Upper glow seen at 5^h and at 19^h. Earth shadow seen at 6^h. Sun first seen at 6^h 12^m. Solar corona seen at 6^h 20^m. Three sets of colours: radius of inside of middle red, 2° 28′. At 7^h, portion of fog-bow seen on upper surface of fog under Ben Nevis.

Radius (roughly) to inside . .	30° 48′
Radius (roughly) to outside . .	42° 57′

At 7^h fog crystals, 1 inch long, on chimney stays. Another fog-bow seen at 9^h:

Radius inside	32° 14′
Radius outside	37° 3′

Lunar corona seen at night, usually double.

Sept. 26.—Fog under hill top till 2^h, but passing across and over the top most of the rest of the day. Ice crystals forming freely on all exposed surfaces till noon. Faint single arch aurora seen at 21^h and 22^h.

Sept. 28.—At 6^h sky covered with cir.-stratus in streaks lying W. by N. to E. by S. (ark form), and coloured with yellow, pink, and purple. All moving from W. by N. Detached fog among hills and rising out of valleys when clear in morning, but thick mist on Ben Nevis all afternoon. To-day, water had to be carried up from the Red Burn, as the stored supply at the Observatory was exhausted.

Sept. 29.—Ground white with freshly fallen snow at night.

Oct. 2.—Top cleared shortly after 22^h, leaving cloudless sky and no fog in valleys, except a few isolated patches, but the air continued saturated. Faint aurora seen at midnight.

Oct. 3.—Hill top clear at times, and no fog below, but sky always covered with cumulus quite close above the hill tops all round.

Oct. 4.—Rain fell in forenoon and coated everything with ice.

Oct. 5.—Snow falling and drifting all morning. The tower door had to be used in forenoon. The winter Stevenson screen was used after 17^h.

Oct. 6.—Top clear several times for a short while; no fog below; sun shining in patches on hills round. The 23^h observation was not taken till 23^h 5^m.

Oct. 9.—Top clear, but detached fog on hills all morning. Glory seen at 7^h. The order of colours was: —shadow, r, g, y, r, b, g, y, r. Solar halo seen at 10^h. From 15^h onwards, thin mist on hill top but stars seen at night through it.

Oct. 10.—At 11^h fog-bow seen occasionally. Cirrus clouds in morning moving from W. rather fast.

Oct. 11.—Sky cloudless in morning, but fog on hills round. At 5^h and 6^h sky covered with cirrus-stratus lying N.N.E. to S.S.W. At 8^h the fog had risen higher and at 9^h covered Ben Nevis also. Icy fog crystals forming about noon. After 23^h Robinson anemometer started.

Oct. 12.—Heavy rain all morning. The snow which fell at night was hard and dry.

Oct. 15.—Close, heavy, small rain fell during almost the entire day.

Oct. 16.—At 21^h the moon and stars began to show through the fog, and from 22^h till midnight the sky was clear, but loose, hazy-looking fog covered the hills round, and occasionally blew across Ben Nevis also.

Oct. 17.—At about 3^h 5^m meteor seen to N. shooting downwards towards the left. Haze and fog on hills round, and sky frequently covered with cumulus and scud till 7^h, but at 8^h cirrus had gathered over the whole sky and continued till hid by the fog, which came over the hill top in the afternoon. At 6^h sunrise colours seen in a clear streak to E., and at 7^h the shadow of Ben Nevis.

Oct. 18.—Top clear for a great part of the day, but thick haze and fog covering all the hills round.

Oct. 19.—Fog and haze on hills, and sky overcast, but air dry till 20^h. After this, mist began to pass across Ben Nevis also, and rain began shortly before 21^h.

Oct. 20.—Sky cleared at 5^h, and remained almost cloudless all day, but thick fog lay over all the hills round, and from 7^h to 12^h covered Ben Nevis also. During most of the day no hill top except the ridges of the Aonach More and Aonach Beg (4000 feet) showed above the fog; but at night a few peaks to the S. became visible. Some glories were seen on this fog, but all misty and badly defined. A fog-bow was seen at 13^h. The earth shadow and shadow of Ben Nevis were clearly seen at sunset, and the upper glow at about 17^h 20^m. No glare at sun or unusual colours in sky. Dew lay on all woodwork and on dark coloured stones at night, but not on whitish stones.

Oct. 21.—Fog on hill tops, as yesterday, all morning; in the afternoon, however, it turned more into haze towards the S.W., and the shore of Loch Linnhe was visible through it. The upper glow was seen at 6^h 45^m. The sun rose above the fog at 7^h 0^m, and the earth shadow and shadow of Ben Nevis were seen as usual. Glories were seen on the fog at various times during the day, but no fog-bows either solar or lunar. The following measurements were made of a glory seen from E. end of hill at 13^h 25^m. Four sets of colours—innermost a confused blotch:—

Radius of second red . . .	2° 28′
Radius of third red . . .	4° 20′
Radius of fourth red . . .	6° 7′
Radius of second yellow . .	2° 4′
Radius of third yellow . .	4° 0′

The sun set at 17^h 10^m. The earth shadow, Ben Nevis shadow, and after glow seen as usual.

Oct. 22.—The fog on hills gradually passed more completely into haze, which became very thick towards night. From 8^h onwards the sky was cloudy, mostly small and rather high cum. Between 19^h and 20^h a shower of rain fell, though the humidity at neither hour exceeded 50 per cent. The wet bulb reading at 17^h looks "out," but special note was made of it and it is probably correct.

Oct. 23.—Thick fog and haze on hills round till 4^h, after which mist covered Ben Nevis also for most of the day. Up to 4^h the air was dry, the humidity being under 70 per cent., but a little rain fell occasionally.

Oct. 27.—Very squally S.W. winds for the last few days; the squalls frequently showed a tendency to veer in direction as they passed, beginning with S. wind and

shifting gradually to W. The rain to-day mostly fell in heavy showers.

Oct. 28.—A heavy shower of hail fell at about 16^h 30^m, quite whitening the ground; hail fell again several times later, and sleet at 23^h and midnight. A flash of lightning, accompanied by a strong earth current in telegraph cable, was observed at 18^h 33^m. The S.W. winds which lasted up to about 17^h had the same squally character as yesterday.

Oct. 29.—Rather heavy snow showers fell during the day, the snow being mostly hard and icy in character, but at night, in the intervals between the showers, the sky was sometimes cloudless. The windward (*i.e.*, N. and W.) louvres of thermometer box were choked with ice formed out of the mist till 22^h, after which they were cleared. A flash of lightning was seen at 19^h 8^m; no thunder or earth current.

Oct. 30.—The snow which fell to-day was hard and icy in texture, almost passing into hail at times. It did not melt away, but lay covering the ground. From 7^h to 10^h inclusive the wet bulb read a few tenths, never over half a degree, lower than the dry bulb, but as this was obviously due to the wet bulb being frozen while the dry was between 32° and 33°, these readings were discarded, and the wet bulb entered on daily sheet as the same as the dry bulb.

Oct. 31.—The thick wetting mist to-day covered everything with ice and the louvres of the thermometer box were a good deal choked up.

Nov. 1.—The thermometer box was shifted at 4^h 20^m.

Nov. 2.—The hill top was clear of fog mostly all forenoon, and at times in afternoon. At 12^h a weasel was seen at the Ordnance Cairn. At 5^h 30^m the thermometer box was shifted.

Nov. 4.—To-day and yesterday the fog cleared for a little about midday, and a few minutes of sunshine were recorded each day. Both days also snow crystals were rapidly forming from the fog on all exposed surfaces, though little or no snow was collected in the gauge.

Nov. 5.—Fog crystals forming all day. At 18^h it was observed that they were brown.

Nov. 10.—Since the 4th the weather on the different days has been very much the same, viz., gales from E., E.S.E. or S.E. blowing with forces varying from 5 to 10, fog on the summit almost continuously, from which fog crystals were forming in abundance on the windward side of obstacles, and little or no real snow falling.[1]

Nov. 15.—At 2^h the summit cleared, and till 6^h the air was dry. At 2^h 15^m the thermometer box was shifted. Top clear but dull, threatening pallium on sky from 22^h till midnight.

Nov. 16.—Very stormy till 10^h. The wind was very squally. The observer was blown down several times. From 5^h till 11^h there was no raingauge out, the amount of icy drift making its readings useless. At 8^h it was observed that one of the cups (the mended one) of the Robinson anemometer was gone, and could nowhere be found, and also that the whole pillar on which the instrument is mounted was shaking wildly. At 9^h it was observed that another cup was gone, and the observer attempted to stop the instrument but failed, owing to the strength of the wind. The cups broke off with their arms and stays attached to them. One has been found, but the other has been blown over the cliff apparently. The flexible shaft of the anemometer gave way at the middle joint; apparently because of the rocking of the pillar. All round the Observatory, stones (thin packing stones) were blown out of the wall, and several of these were found on the kitchen roof. Lightning was seen at 6^h 13^m and again at 23^h 40^m; at the latter hour the flash was accompanied by a click in the telegraph instrument, and followed in about 3 seconds by thunder.

Nov. 17.—St Elmo's Fire was seen at 6^h 5^m as glows on lightning rod, vane, Robinson's anemometer, and on kitchen chimney. Hissing noise heard. It disappeared in about 3^m after it was first observed. Several times during the forenoon the telegraph instrument was disturbed by lightning or earth currents. Conical (and spherical) snow was falling about midday. At 23^h a weasel was seen in the visitors' room. It was larger than the common weasel and was almost pure white in colour.

Nov. 19.—Very heavy rain was falling all morning. For the hour ending 12^h, 0·373 inch was measured. There was a sudden drop in the temperature between 12^h and 13^h, the readings at these hours being respectively, 37°·4 and 31°·9. The summit was clear at 22^h and 23^h, but the sky remained heavily overcast, and to N. at 22^h the appearance was very "gloomy."

Nov. 20.—Bright flash of lightning seen at 1^h 45^m, and another at 18^h 35^m. Former followed by thunder and a heavy squall of wind. St Elmo's Fire was seen at 19^h 15^m for 10^m, faintly, on kitchen chimney. Hissing noise.

Nov. 22.—Thermometer box was shifted at 1^h 15^m. Very heavy rain was falling till 14^h; the amount measured for the hour ending 8^h was 0·430 inch.

Nov. 24.—Very heavy rain falling in early morning, the amount measured for the hour ending 2 A.M. being 0·373 inch. Snow fell in afternoon, and heavy rain again from 20^h till midnight.

Nov. 25.—Thunder was heard at 15^h 45^m, and two clicks were heard on telegraph instrument during the hour 15^h–16^h, and another at 16^h 20^m. The top was clear at 23^h and at midnight.

Nov. 26.—The top remained clear till 2^h, but thereafter it was covered with fog, except at 11^h and 12^h, till 18^h when it cleared again; and till midnight the sky was cloudless or almost so, and (from 19^h) the air was very dry. The thermometer box was shifted at 19^h 20^m.

Nov. 27.—The top was clear till 4^h. At 0^h 7^m a dark cir.-str. cloud was observed low to S.W., which gradually spread, causing an overcast sky at 1^h, 2^h and 3^h, but breaking up before the fog came on. At 4^h a lunar halo was seen. At 14^h the fog crystals of to-day's formation were 3 to 4 inches long.

Nov. 28.—The top cleared at 1^h, and remained clear till 17^h, but was covered after this. A lunar halo was seen

[1] On the top of "M'Lean's Steep" and on the slope between that and the "Second Gorge," holes in the snow-crust were observed to leeward of cairns and large stones. The edge of each hole was a thawing rim of ice, with no snow inside among the stones. Water was dropping from the edge of the holes, but 2 or 3 inches away the snow was quite dry and powdery, and the temperature of the air was all the time below freezing, and on one day, the 6th, was as low as 23°, *i.e.* at the Observatory. Quite different holes were observed *on* "M'Lean's Steep" within 6 feet of the cliff's edge, where spaces, 3 feet in diameter, were laid bare, and pieces of the crust and small stones strewn about on the surface.

at 7^h, and a solar halo at 10^h. The earth shadow was seen at 8^h and again at 16^h.

Nov. 29.—There was too much drift about at 23^h and midnight for the satisfactory working of the raingauge, so no gauge was out at these hours. It was doubtful whether snow was falling then or not. Fog crystals were forming all day.

Nov. 30.—The top was clear and the sky cloudless from 18^h till 22^h (inclusive). At 20^h 15^m the thermometer box was shifted.

Dec. 2.—Mist on top till 21^h—cloudless afterwards, but sky had rather a misty appearance, and the S.W^{rn}. horizon looked very dark. The thermometer box was shifted at 22^h 15^m.

Dec. 4.—The top was clear at times in afternoon. At 12^h a double fog-bow was observed. At 13^h and 14^h the fog-bow was triple—each bow being coloured. The arrangement of the colours was as per margin. The measurements were obtained by stephanome. The 46° 6′ bow was the brightest, the measurement of the 34° 12′ one is doubtful. A glory was also seen of only one red ring. The mist on which the fog-bow was formed was somewhat thin and distinctly *wet*. At 15^h everything was dripping. The earth shadow was seen at 16^h.

White glare at times
Red / White } 46° 6′
Dark space, 38° 22′
White / Red } 34° 12′
White / Red } 32° 32′
Glory, 1° 3′ 45″
Sun

Dec. 8.—St Elmo's Fire was seen at 23^h. Snow was falling at the time—loose and dry, with small round particles among it.

Dec. 10.—Bright meteor seen at 6^h 4^m—path, from between Castor and Pollux to between Capella and B. Aurigæ. Thermometer box was shifted at 6^h 30^m. Mist on summit till 5^h, but clear for rest of day. Some cirrus on sky in afternoon lying N.W.–S.E., and moving from N^{ds} (?). Detached fog in some of the valleys all day, and thick haze at night. Another meteor was seen at 24^h 5^m. It fell almost perpendicularly in N.E^{rn}. sky from about 60° alt. to 20° alt. A lunar corona was seen at 17^h.

Dec. 11.—Summit remained clear till 11 A.M., but was enveloped after that. Thick haze in valleys around, and fog on the E^{rn}. hills all forenoon. During the forenoon hours a peculiar type of cloud was observed in sky. It consisted of a thin fibry sheet of cloud raised in places into waves and hummocks. At times the top of the cloud was visible, at times the under surface, and at times the edges. At 12^h, when the air temperature was 23°·7, rain drops were falling.

Dec. 12.—Summit clear from 10^h till 20^h. Thick haze in valleys, and detached cum. f. in the haze. There was no haze above the cum. f. There were two strata of upper clouds to-day: the higher, the usual filmy cir.-str. type, and the other cir.-str. also apparently, but detached and hard, with well-defined edges, and showed dark against the sky or the upper cir.-str. Near the horizon this lower cir.-str. looked like cum.-s., with thin detached sheets of stratus here and there. Fleeting glories were seen at 10^h, 12^h and 13^h.

Dec. 13.—The fog was very thick at times to-day, and the snow crystals deposited were brown.

Dec. 14.—A lunar corona was seen at 22^h. The top cleared at 23^h. At 23^h 15^m the thermometer box was shifted. Fog on again at midnight.

Dec. 15.—At 6^h the sky above was cloudless, but there was stratus at the horizon, and through an opening in this stratus to N.W^{ds}., the sky was bright—the brightness being apparently due to the aurora. All afternoon a continual drizzle was falling from mist, and forming a crust of clear ice on all surfaces.

Dec. 16.—Triple lunar coronas were seen at 1^h and 2^h, and fog-bows at 2^h and 3^h. The mist was very wet all day, and formed a thick coat of clear ice on all exposed surfaces.

Dec. 17.—A solar corona was seen at 9^h.

Dec. 18.—Top clear from 7^h till 21^h. At 7^h a lunar corona was seen. It was very vivid. Immediately round the moon was a bright yellow ring of about twice the moon's diameter. Outside this was the usual yellowish white glare with red to outside, then a vivid spectrum-coloured ring. The yellowish white glare was at times momentarily broken up into one set of spectrum-coloured rings, though this seemed to be of less diameter than the glare itself. Thin cir.-str. was in front of the moon, which had a yellowish ring round it when no fog was passing, but it seemed brighter and more sharply defined when the corona was visible. The earth shadow was seen at 8^h 45^m. The thermometer box was shifted after 9^h. There was thick haze in the valleys all day, and fog on the lower hills to 4000 feet—continuous till noon, but detached thereafter. The radiating points of the cirrus in afternoon were S.W. and N.E. Thick fog on summit after 21^h.

Dec. 20.—The top was clear at times about midday, but stratus fog lay on the lower hills, and the sky was overcast. The radiating points of the cir.-str. clouds were S.S.W. and E.N.E.

Dec. 21.—Top clear at times in forenoon. At 2^h a lunar corona was seen. At 16^h it was noted that the fog crystals that had been forming till then were brown.

Dec. 24.—The top was clear at times in afternoon. At 16^h 5^m the thermometer box was shifted.

Dec. 25.—Owing to heavy drift there was no raingauge out between 13^h and 19^h. The amounts for these hours on the monthly sheet are interpolations.

Dec. 26.—St Elmo's Fire was seen on kitchen chimney at 6^h. Small spherical snow falling at the time.

Dec. 27.—Snow-hail falling in early morning, drifting heavily from 11^h till 15^h, but apparently there was no snow falling. Though not drifting so heavily after 15^h the measurements of amount of snow are yet very unsatisfactory. At 23^h a bright display of St Elmo's Fire was observed. Snow-hail was falling at the time heavily.

Dec. 28.—At 20^h the summit was clear and the sky cloudless, but only for a short time. At 20^h 20^m the thermometer box was shifted.

Dec. 29.—Fog till 8^h, summit clear for the rest of the day, but, except at 14^h, the air was saturated. At 21^h, 23^h, and midnight the aurora was seen as a single badly-defined arch bow to N^{ds}.

Dec. 30.—The sky was almost cloudless till 11^h, but overcast with cir.-str. till 16^h. Fog came on at 17^h. The earth shadow and the shadow of the Ben were seen at 9^h. There was stratus fog lying on some of the hills and over the lochs most of the day. The country all round was white to sea level to-day—the whiteness of the lowest 100 to 200 feet being due to hoar frost.

INSTRUMENTS, ETC., 1888.

Barometers.—No. 1385 was used throughout; No. 1252 was not used. Both have been during the year, and still are, in good condition; each has, however, a very slight coating of dust or oxide on the surface of the cistern mercury.

Dry and Wet Bulb Thermometers.—Nos. 192660, 192672, 192671, and 192677 have been used. The other pair, Nos. 50850 and 50852, has not been used. All these have been and are in good working order.

Self-registering Thermometers.—Max. No. 117293 and mins. Nos. 116918, 138545, and 138533, have been in use at different times during the year.

Raingauges.—Mr Omond's patterns of 5-inch gauge have been used as on previous years.

Self-recording Instruments.—The barograph has been in use all the year, and its records have been as satisfactory as on previous years. The direction anemometer has been in good order all the year, and, except in unfavourable weather, good records have been got from it. The Robinson anemometer worked very satisfactorily when the temperature was above 32°, till the 16th Nov., when two of its cups were blown off, and its supports, etc., otherwise seriously injured.

The Campbell-Stokes Sunshine Recorder has been used throughout the year.

On April 13th a set of photographic apparatus (camera, lens, plates, and chemicals) was added to the instruments at the Observatory. Since that date it has been used in photographing clouds, halos, glories, fog crystal formations, etc. Till June 21st the thermometers in use were exposed in the small louvred screens, mounted on ladder-stand No. 1; and after the 5th of Oct., on ladder-stand No. 2. Between these dates they were exposed in the ordinary-sized (Stevenson) screen (old clock-box).

The depth of the snow was always measured at post A.

The black bulb chiefly used was No. 186, but No 64, which has a Crook's radiometer attached, was occasionally used, chiefly in summer.

Hilger's Rainband Spectroscope was in use for observing the rainband. From December 7th till 23rd it was under repair, having had its prisms displaced.

For measuring halos, coronas, glories, and fog-bows, the stephanome was used.

Snow crystals were observed and sketched by means of a magnifying lens, specially got for that purpose.

Except in very dry weather in summer, and during thunderstorms, the working of the Observatory telegraph was satisfactory. The instrument in use all the year was a single (acoustic) needle instrument. In April and May a set of observations was made on earth currents in the cable. These were measured by means of a Thomson's Mirror Galvanometer.

The Sextant was used occasionally.

The working of the raingauge in stormy weather has been as unsatisfactory as on previous years, the indications being rendered useless by drift. Otherwise the hourly observations of the various instruments and elements have been made without the break of a single hour during the year. On a few occasions, however, the outside part of the hourly observation was made from 1 to 4 minutes late, chiefly owing to the lamp having been blown out before reaching the thermometer box.

The permanent staff of the Observatory are, as on previous years:—R. T. Omond, superintendent; Angus Rankin, 1st assistant; James Miller, 2nd assistant. Till the 16th April, Alexander Drysdale was interim 1st assistant, and again he has been the same since 17th October. Mr C. E. Gray was telegraphist at the Observatory during the autumn months. Messrs A. J. Herbertson, R. Turnbull, and John Duncan took the places of some of the staff at various times during the year.

BAROMETER. Reduced to 32°. 4407 feet above Sea Level. First figure omitted. JANUARY 1889.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	5·345	5·375	5·393	5·430	5·446	5·469	5·498	5·520	5·553	5·569	5·587	5·599	5·611	5·623	5·632	5·647	5·665	5·669	5·685	5·690	5·694	5·704	5·707	5·711	5·576
2	5·714	5·717	5·720	5·727	5·722	5·720	5·730	5·742	5·758	5·780	5·779	5·780	5·784	5·792	5·799	5·809	5·821	5·818	5·832	5·835	5·845	5·835	5·838	5·839	5·781
3	5·838	5·838	5·839	5·833	5·822	5·817	5·806	5·807	5·808	5·815	5·803	5·811	5·816	5·811	5·815	5·808	5·812	5·816	5·829	5·826	5·822	5·793	5·787	5·773	5·814
4	5·763	5·756	5·754	5·749	5·743	5·721	5·725	5·721	5·721	5·722	5·727	5·715	5·722	5·712	5·689	5·683	5·670	5·664	5·665	5·669	5·660	5·646	5·629	5·615	5·702
5	5·610	5·566	5·553	5·553	5·543	5·535	5·511	5·491	5·488	5·475	5·467	5·454	5·420	5·399	5·395	5·378	5·358	5·347	5·349	5·335	5·313	5·310	5·316	5·298	5·436
6	5·310	5·312	5·308	5·304	5·303	5·308	5·318	5·331	5·329	5·346	5·354	5·351	5·352	5·353	5·347	5·345	5·350	5·344	5·341	5·342	5·345	5·342	5·331	5·317	5·333
7	5·316	5·306	5·302	5·298	5·291	5·281	5·271	5·267	5·251	5·252	5·240	5·238	5·214	5·204	5·187	5·179	5·174	5·167	5·165	5·139	5·135	5·123	5·092	5·087	5·216
8	5·051	4·961	4·962	4·944	4·894	4·924	4·931	4·921	4·925	9·908	4·906	4·890	4·862	4·866	4·860	4·855	4·856	4·857	4·849	4·862	4·857	4·856	4·840	4·832	4·895
9	4·814	4·804	4·781	4·771	4·730	4·724	4·714	4·709	4·702	4·680	4·640	4·617	4·581	4·568	4·565	4·561	**4·560**	4·574	4·589	4·616	4·642	4·673	4·710	4·737	4·669
10	4·767	4·792	4·811	4·822	4·833	4·853	4·876	4·903	4·934	4·954	4·975	4·991	5·014	5·027	5·039	5·057	5·076	5·087	5·099	5·106	5·113	5·112	5·104	5·096	4·977
11	5·086	5·061	5·048	5·011	5·004	4·990	4·958	4·945	4·902	4·908	4·880	4·866	4·812	4·783	4·756	4·746	4·765	4·750	4·763	4·771	4·795	4·828	4·844	4·878	4·881
12	4·883	4·922	4·963	4·973	5·014	5·016	5·024	5·063	5·095	5·110	5·135	5·159	5·173	5·181	5·205	5·223	5·239	5·246	5·264	5·273	5·287	5·312	5·324	5·330	5·142
13	5·341	5·352	5·360	5·365	5·378	5·384	5·404	5·425	5·438	5·448	5·460	5·473	5·475	5·474	5·484	5·493	5·497	5·502	5·516	5·521	5·527	5·518	5·522	5·515	5·453
14	5·498	5·488	5·471	5·460	5·460	5·451	5·456	5·456	5·455	5·451	5·449	5·447	5·435	5·429	5·406	5·416	5·408	5·410	5·397	5·393	5·391	5·392	5·374	5·339	5·430
15	5·339	5·323	5·299	5·298	5·271	5·269	5·260	5·251	5·254	5·235	5·245	5·227	5·223	5·211	5·205	5·207	5·206	5·205	5·204	5·191	5·189	5·188	5·188	5·184	5·236
16	5·170	5·166	5·160	5·149	5·144	5·140	5·126	5·130	5·139	5·145	5·147	5·146	5·137	5·146	5·148	5·157	5·167	5·170	5·181	5·188	5·211	5·230	5·258	5·285	5·168
17	5·311	5·338	5·352	5·362	5·379	5·395	5·401	5·404	5·407	5·406	5·384	5·362	5·353	5·358	5·369	5·359	5·367	5·386	5·405	5·391	5·408	5·402	5·396	5·403	5·375
18	5·400	5·400	5·392	5·380	5·362	5·361	5·368	5·361	5·336	5·309	5·294	5·273	5·235	5·257	5·241	5·236	5·240	5·257	5·284	5·291	5·342	5·384	5·382	5·401	5·324
19	5·380	5·393	5·370	5·382	5·362	5·365	5·376	5·417	5·420	5·440	5·449	5·450	5·462	5·469	5·478	5·494	5·489	5·502	5·502	5·502	5·498	5·503	5·507	5·513	5·447
20	5·518	5·526	5·529	5·537	5·550	5·557	5·573	5·587	5·604	5·609	5·622	5·627	5·619	5·618	5·611	5·615	5·619	5·619	5·626	5·625	5·630	5·632	5·639	5·653	5·598
21	5·648	5·642	5·649	5·657	5·671	5·679	5·695	5·709	5·730	5·747	5·763	5·781	5·781	5·789	5·797	5·806	5·826	5·834	5·849	5·859	5·859	5·866	5·870	5·876	5·766
22	5·871	5·870	5·869	5·874	5·874	5·874	5·875	5·877	5·880	**5·881**	5·880	5·873	5·864	5·850	5·852	5·849	5·855	5·857	5·864	5·872	5·869	5·860	5·856	5·854	5·867
23	5·850	5·839	5·837	5·827	5·824	5·816	5·822	5·831	5·825	5·833	5·830	5·827	5·820	5·804	5·803	5·795	5·797	5·806	5·807	5·793	5·806	5·805	5·804	5·811	5·817
24	5·804	5·799	5·806	5·800	5·790	5·783	5·776	5·779	5·779	5·781	5·773	5·761	5·767	5·758	5·751	5·746	5·738	5·733	5·724	5·720	5·714	5·709	5·709	5·707	5·759
25	5·696	5·692	5·672	5·661	5·653	5·645	5·634	5·630	5·631	5·628	5·617	5·614	5·595	5·585	5·569	5·563	5·570	5·569	5·564	5·567	5·570	5·573	5·571	5·568	5·610
26	5·562	5·552	5·553	5·555	5·544	5·537	5·540	5·544	5·551	5·559	5·568	5·568	5·576	5·582	5·585	5·589	5·603	5·626	5·655	5·678	5·692	5·706	5·718	5·728	5·599
27	5·730	5·745	5·756	5·762	5·762	5·764	5·761	5·763	5·765	5·757	5·751	5·730	5·716	5·704	5·662	5·664	5·669	5·647	5·631	5·615	5·613	5·593	5·597	5·587	5·698
28	5·573	5·555	5·547	5·545	5·536	5·537	5·527	5·529	5·534	5·526	5·524	5·512	5·494	5·469	5·450	5·435	5·417	5·385	5·377	5·341	5·310	5·272	5·242	5·176	5·451
29	5·146	5·085	5·007	4·962	4·903	4·853	4·847	4·845	4·879	4·911	4·967	5·011	5·026	5·062	5·092	5·124	5·128	5·130	5·147	5·157	5·148	5·124	5·095	5·067	5·030
30	5·014	4·969	4·910	4·897	4·854	4·876	4·870	4·865	4·874	4·910	4·929	4·959	4·992	5·015	5·042	5·070	5·088	5·091	5·123	5·128	5·129	5·128	5·130	5·112	4·999
31	5·119	5·093	5·096	5·083	5·068	5·052	5·044	5·030	5·027	4·987	4·964	4·970	4·952	4·934	4·950	4·974	4·992	5·016	5·032	5·042	5·070	5·095	5·110	5·120	5·034
Mean	5·402	5·395	5·389	5·386	5·378	5·377	5·378	5·382	5·387	5·390	5·390	5·390	5·383	5·382	5·380	5·383	5·388	5·390	5·397	5·398	5·403	5·404	5·403	5·400	5·390

BAROMETER. Reduced to 32°. 4407 feet above Sea Level. First figure omitted. FEBRUARY 1889.

	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	5·094	5·101	5·066	5·051	5·007	4·955	4·907	4·876	4·868	4·845	4·806	4·804	4·747	4·739	4·737	4·701	4·688	4·683	4·663	4·612	4·627	4·584	4·613	4·599	4·807
2	4·561	4·564	4·576	4·573	4·577	4·572	4·554	4·564	4·544	4·561	4·570	4·581	4·546	4·538	4·543	4·525	4·512	4·525	4·507	4·501	4·509	4·491	4·486	4·481	4·540
3	4·477	4·473	4·488	4·486	4·518	4·543	4·552	4·579	4·625	4·680	4·753	4·804	4·867	4·927	4·982	5·023	5·076	5·102	5·132	5·176	5·202	5·233	5·271	5·312	4·845
4	5·348	5·373	5·425	5·468	5·519	5·519	5·565	5·605	5·579	5·595	5·672	5·679	5·682	5·696	5·692	5·687	5·690	5·678	5·663	5·654	5·632	5·622	5·606	5·591	5·593
5	5·573	5·551	5·526	5·490	5·475	5·465	5·440	5·433	5·421	5·412	5·397	5·389	5·380	5·373	5·357	5·336	5·353	5·335	5·341	5·332	5·342	5·327	5·324	5·328	5·404
6	5·328	5·325	5·322	5·314	5·303	5·307	5·299	5·290	5·289	5·289	5·297	5·290	5·263	5·264	5·244	5·223	5·210	5·190	5·170	5·138	5·115	5·085	5·070	5·061	5·237
7	5·055	5·050	5·078	5·081	5·116	5·126	5·156	5·191	5·223	5·239	5·250	5·246	5·251	5·247	5·232	5·216	5·203	5·194	5·155	5·121	5·084	5·053	5·005	4·947	5·147
8	5·892	4·816	4·756	4·677	4·619	4·544	4·553	5·533	4·521	4·474	4·450	4·481	4·477	**4·442**	4·511	4·534	4·552	4·604	4·654	4·710	4·745	4·823	4·800	4·845	4·626
9	4·866	4·869	4·876	4·896	4·899	4·911	4·927	4·954	4·985	4·998	5·016	5·005	5·010	5·037	5·052	5·058	5·078	5·075	5·081	5·079	5·072	5·068	5·067	5·053	4·997
10	5·036	5·022	5·015	5·006	4·982	4·981	4·950	4·936	4·915	5·909	4·875	4·860	4·834	4·819	4·800	4·791	4·769	4·769	4·771	4·769	4·779	4·798	4·810	4·818	4·876
11	4·822	4·851	4·877	4·899	4·921	4·953	4·984	5·007	5·038	5·069	5·096	5·111	5·145	5·177	5·194	5·239	5·250	5·283	5·311	5·336	5·360	5·386	5·402	5·417	5·130
12	5·429	5·437	5·446	5·450	5·448	5·459	5·474	5·481	5·498	5·500	5·508	5·506	5·504	5·505	5·503	5·493	5·489	5·485	5·471	5·442	5·408	5·389	5·341	5·324	5·458
13	5·281	5·239	5·186	5·149	5·117	5·099	5·101	5·109	5·103	5·112	5·111	5·096	5·075	5·051	5·006	4·951	4·885	4·817	4·738	4·693	4·639	4·601	4·563	4·571	4·971
14	4·604	4·614	4·618	4·641	4·656	4·666	4·688	4·679	4·684	4·682	4·686	4·672	4·673	4·640	4·643	4·631	4·635	4·607	4·604	4·582	4·615	4·663	4·690	4·708	4·649
15	4·744	4·770	4·800	4·846	4·877	4·913	4·957	5·001	5·034	5·057	5·116	5·154	5·195	5·211	5·248	5·277	5·292	5·312	5·332	5·346	5·352	5·365	5·347	5·355	5·121
16	5·343	5·297	5·252	5·212	5·178	5·142	5·057	5·002	4·987	4·963	4·930	4·937	4·930	4·944	5·001	5·014	5·044	5·070	5·116	5·160	5·212	5·233	5·270	5·285	5·107
17	5·301	5·316	5·317	5·312	5·333	5·336	5·342	5·341	5·347	5·366	5·393	5·405	5·409	5·417	5·418	5·425	5·430	5·446	5·454	5·465	5·467	5·487	5·500	5·516	5·398
18	5·516	5·509	5·504	5·502	5·505	5·493	5·494	5·503	5·487	5·472	5·475	5·469	5·478	5·476	5·447	5·420	5·402	5·389	5·390	5·372	5·392	5·404	5·403	5·425	5·455
19	5·439	5·446	5·462	5·466	5·486	5·502	5·515	5·517	5·535	5·541	5·542	5·537	5·555	5·569	5·568	5·567	5·558	5·555	5·537	5·550	5·524	5·507	5·488	5·463	5·518
20	5·427	5·390	5·386	5·360	5·334	5·316	5·315	5·308	5·315	5·316	5·327	5·331	5·331	5·330	5·346	5·346	5·368	5·387	5·400	5·418	5·426	5·444	5·459	5·488	5·370
21	5·496	5·511	5·524	5·531	5·538	5·550	5·559	5·574	5·587	5·601	5·611	5·613	5·629	5·635	5·633	5·634	5·635	5·642	5·641	5·643	5·638	5·633	5·626	5·627	5·596
22	5·630	5·618	5·604	5·603	5·594	5·596	5·598	5·595	5·591	5·591	5·594	5·590	5·589	5·579	5·575	5·572	5·568	5·576	5·577	5·583	5·582	5·582	5·589	5·593	5·590
23	5·597	5·594	5·591	5·596	5·599	5·605	5·615	5·623	5·631	5·644	5·651	5·663	5·665	5·676	5·679	5·685	5·696	5·705	5·710	5·716	5·721	5·721	**5·722**	5·721	5·659
24	5·718	5·710	5·701	5·696	5·686	5·675	5·669	5·668	5·672	5·669	5·669	5·671	5·662	5·651	5·645	5·641	5·638	5·638	5·633	5·631	5·633	5·624	5·623	5·614	5·660
25	5·602	5·591	5·579	5·559	5·536	5·522	5·506	5·492	5·475	5·448	5·426	5·405	5·377	5·344	5·312	5·272	5·247	5·238	5·231	5·222	5·200	5·202	5·207	5·201	5·383
26	5·203	5·195	5·183	5·186	5·197	5·206	5·221	5·241	5·255	5·263	5·277	5·289	5·283	5·276	5·267	5·256	5·248	5·235	5·228	5·217	5·205	5·187	5·176	5·164	5·227
27	5·151	5·140	5·112	5·109	5·095	5·090	5·084	5·088	5·084	5·082	5·089	5·090	5·087	5·087	5·083	5·080	5·076	5·088	5·092	5·098	5·089	5·102	5·090	5·106	5·096
28	5·107	5·113	5·113	5·119	5·130	5·121	5·147	5·147	5·159	5·174	5·183	5·201	5·214	5·213	5·220	5·227	5·234	5·252	5·268	5·273	5·270	5·278	5·288	5·292	5·198
Mean	5·201	5·196	5·192	5·188	5·187	5·185	5·187	5·191	5·195	5·198	5·206	5·210	5·209	5·209	5·212	5·208	5·208	5·210	5·210	5·209	5·209	5·210	5·208	5·211	5·202

BAROMETER. REDUCED TO 32°. 4407 FEET ABOVE SEA LEVEL. FIRST FIGURE OMITTED. MARCH 1889.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	5·294	5·307	5·302	5·311	5·317	5·323	5·324	5·332	5·331	5·332	5·337	5·340	5·339	5·330	5·326	5·326	5·324	5·330	5·331	5·328	5·323	5·326	5·320	5·314	5·324
2	5·309	5·301	5·293	5·284	5·281	5·281	5·281	5·282	5·286	5·287	5·289	5·291	5·292	5·288	5·281	5·270	5·269	5·277	5·278	5·281	5·280	5·286	5·284	5·280	5·285
3	5·279	5·274	5·269	5·264	5·264	5·262	5·263	5·264	5·262	5·254	5·261	5·257	5·252	5·251	5·243	5·244	5·243	5·249	5·264	5·264	5·263	5·263	5·260	5·256	5·259
4	5·251	5·254	5·246	5·242	5·238	5·242	5·252	5·256	5·256	5·260	5·264	5·267	5·264	5·253	5·248	5·246	5·246	5·251	5·257	5·262	5·257	5·262	5·267	5·268	5·255
5	5·264	5·262	5·244	5·237	5·234	5·229	5·219	5·213	5·219	5·215	5·218	5·223	5·221	5·221	5·230	5·235	5·238	5·247	5·250	5·248	5·241	5·229	5·216	5·204	5·232
6	5·193	5·154	5·120	5·089	5·063	5·053	5·057	5·046	5·029	5·020	4·993	4·957	4·915	4·922	4·942	4·949	4·958	4·959	4·958	4·948	4·928	4·915	4·923	4·921	5·000
7	4·915	4·911	4·896	4·886	4·880	4·873	4·871	4·874	4·865	4·864	4·855	4·841	4·830	4·821	4·810	4·806	4·796	4·795	4·794	4·792	4·788	4·784	4·779	4·767	4·837
8	4·768	4·765	4·758	4·754	4·759	4·763	4·762	4·771	4·779	4·785	4·789	4·792	4·788	4·788	4·785	4·783	4·784	4·793	4·793	4·789	4·792	4·795	4·794	4·793	4·780
9	4·790	4·789	4·781	4·785	4·784	4·783	4·793	4·801	4·815	4·827	4·829	4·828	4·828	4·825	4·820	4·820	4·815	4·790	4·791	4·789	4·787	4·795	4·821	4·849	4·806
10	4·870	4·888	4·899	4·918	4·931	4·943	4·959	4·975	4·999	5·028	5·058	5·069	5·092	5·106	5·119	5·133	5·140	5·162	5·182	5·198	5·215	5·230	5·239	5·247	5·067
11	5·268	5·279	5·290	5·294	5·301	5·315	5·344	5·362	5·385	5·400	5·427	5·435	5·443	5·452	5·454	5·452	5·453	5·456	5·460	5·468	5·463	5·467	5·474	5·464	5·400
12	5·471	5·474	5·477	5·480	5·483	5·487	5·498	5·498	5·512	5·519	5·528	5·527	5·529	5·527	5·517	5·511	5·503	5·502	5·487	5·479	5·470	5·472	5·454	5·458	5·494
13	5·460	5·466	5·462	5·473	5·453	5·482	5·496	5·512	5·526	5·533	5·552	5·561	5·576	5·571	5·591	5·600	5·608	5·630	5·651	5·661	5·668	5·680	5·687	5·689	5·566
14	5·686	5·693	5·699	5·688	5·695	5·702	5·708	5·716	5·716	5·722	5·726	5·727	5·728	5·727	5·725	5·725	5·728	5·740	5·746	5·755	5·760	5·768	5·772	5·773	5·726
15	5·781	5·781	5·780	5·781	5·778	5·782	5·792	5·799	5·798	5·796	5·797	5·798	**5·801**	5·793	5·777	5·771	5·773	5·768	5·767	5·763	5·754	5·746	5·746	5·735	5·777
16	5·733	5·724	5·706	5·687	5·671	5·658	5·653	5·642	5·628	5·631	5·623	5·615	5·620	5·608	5·605	5·595	5·593	5·589	5·585	5·574	5·567	5·564	5·558	5·567	5·625
17	5·549	5·547	5·529	5·519	5·506	5·501	5·504	5·505	5·499	5·498	5·481	5·480	5·467	5·457	5·439	5·428	5·416	5·406	5·398	5·382	5·366	5·355	5·328	5·302	5·453
18	5·285	5·268	5·237	5·209	5·198	5·183	5·173	5·162	5·157	5·149	5·138	5·131	5·121	5·100	5·076	5·073	5·052	5·037	5·020	5·005	4·994	4·965	4·953	4·932	5·109
19	4·917	4·900	4·881	4·857	4·834	4·824	4·805	4·799	4·784	4·768	4·748	4·730	4·717	4·694	4·678	4·670	4·662	4·644	4·637	4·624	4·620	4·614	4·609	4·593	4·734
20	4·593	4·574	4·545	4·538	4·537	**4·524**	4·538	4·609	4·591	4·353	4·638	4·684	4·667	4·737	4·751	4·772	4·782	4·815	4·802	4·860	4·891	4·874	4·892	4·940	4·700
21	4·950	4·930	4·983	4·995	5·026	5·035	5·055	5·086	5·110	5·135	5·162	5·180	5·206	5·219	5·226	5·232	5·242	5·257	5·281	5·292	5·307	5·307	5·322	5·335	5·161
22	5·326	5·326	5·328	5·334	5·332	5·341	5·345	5·353	5·361	5·375	5·385	5·391	5·397	5·404	5·403	5·407	5·404	5·400	5·400	5·394	5·381	5·367	5·356	5·344	5·369
23	5·306	5·300	5·282	5·250	5·248	5·246	5·244	5·240	5·234	5·237	5·230	5·233	5·223	5·228	5·227	5·241	5·262	5·270	5·288	5·301	5·296	5·309	5·313	5·319	5·264
24	5·321	5·311	5·295	5·276	5·270	5·281	5·277	5·299	5·305	4·328	5·331	5·334	5·346	5·342	5·346	5·341	5·343	5·342	5·328	5·319	5·290	5·270	5·241	5·213	5·306
25	5·189	5·178	5·159	5·142	5·137	5·126	5·135	5·131	5·118	5·121	5·120	5·130	5·114	5·130	5·125	5·132	5·114	5·113	5·104	5·088	5·103	5·108	5·113	5·125	5·127
26	5·143	5·142	5·159	5·169	5·204	5·214	5·231	5·257	5·290	5·313	5·346	5·364	5·382	5·398	5·419	5·441	5·443	5·479	5·485	5·517	5·528	5·531	5·556	5·566	5·357
27	5·576	5·581	5·593	5·604	5·613	5·626	5·633	5·651	5·671	5·679	5·683	5·681	5·686	5·679	5·677	5·673	5·672	5·671	5·665	5·670	5·657	5·654	5·645	5·637	5·649
28	5·636	5·633	5·619	5·615	5·613	5·617	5·624	5·628	5·635	5·643	5·653	5·668	5·678	5·686	5·686	5·691	5·696	5·702	5·709	5·720	5·725	5·722	5·725	5·720	5·668
29	5·709	5·693	5·696	5·681	5·667	5·663	5·659	5·660	5·656	5·654	5·653	5·653	5·647	5·642	5·630	5·628	5·616	5·615	5·609	5·600	5·592	5·583	5·571	5·552	5·639
30	5·532	5·513	5·502	5·477	5·456	5·442	5·430	5·421	5·414	5·414	5·405	5·411	5·401	5·403	5·389	5·380	5·378	5·371	5·365	5·356	5·345	5·329	5·324	5·309	5·407
31	5·297	5·289	5·277	5·274	5·271	5·274	5·280	5·282	5·290	5·304	5·313	5·325	5·330	5·335	5·338	5·335	5·339	5·341	5·347	5·350	5·334	5·336	5·337	5·329	5·314
MEAN	5·279	5·274	5·268	5·262	5·259	5·260	5·265	5·272	5·275	5·282	5·285	5·288	5·287	5·288	5·287	5·287	5·287	5·290	5·291	5·293	5·290	5·287	5·286	5·284	5·280

BAROMETER. REDUCED TO 32°. 4407 FEET ABOVE SEA LEVEL. FIRST FIGURE OMITTED. APRIL 1889.

	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	5·322	5·309	5·290	5·245	5·226	5·191	5·185	5·180	5·164	5·160	5·155	5·156	5·136	5·150	5·161	5·167	5·169	5·178	5·182	5·177	5·202	5·210	5·216	5·218	5·198
2	5·231	5·233	5·252	5·250	5·240	5·252	5·258	5·266	5·264	5·263	5·264	5·262	5·272	5·262	5·255	5·260	5·258	5·259	5·255	5·265	5·261	5·268	5·259	5·252	5·257
3	5·239	5·222	5·213	5·203	5·185	5·166	5·147	5·124	5·095	5·063	5·025	5·000	4·963	4·929	4·884	4·857	4·839	4·810	4·797	4·767	4·760	4·738	4·730	4·717	4·978
4	4·709	4·709	4·692	**4·691**	4·692	4·699	4·703	4·737	4·754	4·771	4·787	4·774	4·808	4·841	4·861	4·888	4·924	4·958	4·967	4·974	4·995	5·001	5·015	5·032	4·833
5	5·030	5·037	5·020	5·020	5·026	5·030	5·028	5·019	5·031	5·025	5·031	5·009	5·003	5·009	5·007	5·006	5·024	5·016	5·045	5·035	5·081	5·092	5·072	5·080	5·032
6	5·087	5·079	5·066	5·057	5·053	5·057	5·053	5·050	5·024	5·017	5·005	5·014	5·020	5·026	5·026	5·009	5·001	5·002	4·998	4·992	4·998	4·992	4·997	5·009	5·026
7	4·995	5·007	5·011	5·011	5·015	5·017	5·025	5·033	5·055	5·061	5·061	5·063	5·057	5·070	5·065	5·066	5·064	5·052	5·069	5·059	5·063	5·054	5·044	5·039	5·044
8	5·035	5·019	5·002	4·985	4·959	4·969	4·962	4·958	4·966	4·945	4·948	4·967	4·944	4·945	4·947	4·962	4·961	4·971	4·968	4·953	4·942	4·937	4·946	4·936	4·964
9	4·957	4·955	4·971	4·969	4·961	4·957	4·964	4·955	4·965	4·967	4·976	4·980	4·989	5·001	5·001	5·004	5·003	5·011	5·022	5·033	5·034	5·034	5·034	5·026	4·990
10	5·032	5·030	5·029	5·020	5·023	5·030	5·036	5·040	5·045	5·051	5·062	5·073	5·082	5·086	5·085	5·090	5·091	5·094	5·101	5·109	5·113	5·112	5·111	5·110	5·069
11	5·105	5·100	5·095	5·093	5·090	5·086	5·087	5·087	5·087	5·091	5·093	5·092	5·092	5·095	5·093	5·092	5·093	5·095	5·098	5·100	5·104	5·109	5·118	5·125	5·097
12	5·132	5·135	5·151	5·158	5·170	5·185	5·192	5·208	5·228	5·250	5·254	5·254	5·277	5·283	5·289	5·294	5·307	5·316	5·330	5·339	5·346	5·347	5·348	5·340	5·256
13	5·349	5·351	5·340	5·336	5·322	5·320	5·320	5·319	5·310	5·320	5·322	5·327	5·321	5·324	5·320	5·307	5·298	5·315	5·304	5·312	5·313	5·292	5·310	5·310	5·319
14	5·303	5·290	5·296	5·292	5·289	5·295	5·300	5·308	5·318	5·324	5·339	5·346	5·359	5·356	5·355	5·363	5·363	5·368	5·365	5·374	5·374	5·376	5·379	5·382	5·338
15	5·380	5·374	5·362	5·356	5·348	5·348	5·355	5·364	5·373	5·382	5·394	5·404	5·407	5·417	5·422	5·419	5·419	5·422	5·422	5·422	5·421	5·414	5·412	5·405	5·393
16	5·401	5·402	5·399	5·392	5·394	5·392	5·397	5·402	5·406	5·410	5·415	5·415	5·414	5·403	5·399	5·380	5·384	5·375	5·386	5·396	5·389	5·394	5·398	5·402	5·398
17	5·405	5·405	5·405	5·408	5·412	5·417	5·424	5·429	5·432	5·442	5·440	5·453	5·458	5·453	**5·462**	5·458	5·460	5·454	5·458	5·461	5·452	5·455	5·456	5·453	5·440
18	5·453	5·450	5·445	5·444	5·446	5·445	5·452	5·451	5·446	5·438	5·446	5·440	5·432	5·415	5·432	5·418	5·416	5·384	5·385	5·389	5·386	5·365	5·358	5·349	5·420
19	5·344	5·336	5·336	5·327	5·319	5·324	5·334	5·350	5·339	5·347	5·356	5·331	5·341	5·331	5·337	5·341	5·344	5·332	5·329	5·325	5·310	5·296	5·268	5·243	5·327
20	5·216	5·196	5·180	5·164	5·148	5·146	5·146	5·160	5·163	5·166	5·168	5·160	5·152	5·134	5·175	5·099	5·075	5·040	5·029	4·991	4·968	4·959	4·919	4·884	5·102
21	4·879	4·864	4·822	4·831	4·810	4·800	4·779	4·779	4·773	4·792	4·799	4·793	4·801	4·801	4·816	4·818	4·815	4·808	4·818	4·818	4·831	4·841	4·840	4·849	4·816
22	4·861	4·886	4·966	4·994	4·999	4·994	5·022	5·038	5·070	5·090	5·104	5·097	5·101	5·107	5·122	5·128	5·136	5·132	5·123	5·109	5·091	5·073	5·044	5·006	5·054
23	4·972	4·921	4·881	4·844	4·803	4·813	4·804	4·810	4·792	4·794	4·794	4·790	4·799	4·802	4·812	4·812	4·816	4·822	4·829	4·847	4·855	4·871	4·873	4·879	4·835
24	4·889	4·905	4·930	4·963	4·979	5·003	5·033	5·046	5·082	5·120	5·148	5·160	5·139	5·176	5·186	5·152	5·228	5·232	5·258	5·292	5·291	5·320	5·328	5·351	5·134
25	5·345	5·349	5·354	5·385	5·393	5·420	5·429	5·443	5·439	5·457	5·445	5·443	5·439	5·435	5·435	5·426	5·436	5·434	5·421	5·426	5·419	5·408	5·401	5·394	5·416
26	5·380	5·346	5·336	5·329	5·312	5·306	5·279	5·270	5·234	5·218	5·212	5·209	5·194	5·177	5·164	5·151	5·161	5·161	5·155	5·164	5·171	5·176	5·179	5·181	5·228
27	5·183	5·179	5·177	5·189	5·187	5·195	5·223	5·242	5·249	5·253	5·274	5·293	5·281	5·286	5·283	5·284	5·284	5·272	5·254	5·243	5·238	5·210	5·202	5·198	5·237
28	5·180	5·169	5·166	5·169	5·175	5·173	5·161	5·155	5·149	5·135	5·133	5·096	5·072	5·050	5·014	5·005	4·999	4·987	5·006	4·972	4·975	4·967	4·984	4·991	5·078
29	4·990	4·993	4·993	4·998	4·998	5·032	5·049	5·076	5·089	5·109	5·111	5·086	5·135	5·138	5·157	5·175	5·151	5·181	5·189	5·193	5·216	5·206	5·221	5·218	5·113
30	5·206	5·230	5·229	5·238	5·237	5·252	5·260	6·250	5·260	5·262	5·278	5·266	5·254	5·253	5·239	5·247	5·226	5·170	5·157	5·138	5·128	5·116	5·106	5·077	5·212
MEAN	5·154	5·149	5·147	5·145	5·140	5·144	5·147	5·152	5·153	5·157	5·161	5·158	5·158	5·158	5·160	5·156	5·158	5·155	5·157	5·156	5·158	5·154	5·152	5·149	5·153

BAROMETER. REDUCED TO 32°. 4407 FEET ABOVE SEA LEVEL. FIRST FIGURE OMITTED. MAY 1889.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	5·058	5·022	5·001	4·983	4·977	4·995	5·001	5·008	5·017	5·012	5·011	5·019	5·014	5·023	5·022	5·041	5·065	5·049	5·096	5·103	5·126	5·129	5·113	5·140	5·043
2	5·156	5·150	5·141	5·157	5·153	5·148	5·150	5·149	5·147	5·151	5·151	5·151	5·167	5·178	5·170	5·174	5·197	5·183	5·157	5·158	5·151	5·134	5·096	5·148	5·155
3	5·136	5·130	5·115	5·133	5·153	5·151	5·169	5·157	5·171	5·180	5·185	5·175	5·185	5·176	5·173	5·143	5·121	5·151	5·133	5·169	5·220	5·250	5·263	5·260	5·171
4	5·297	5·283	5·276	5·300	5·314	5·328	5·332	5·310	5·336	5·356	5·340	5·338	5·337	5·379	5·372	5·380	5·370	5·391	5·403	5·418	5·406	5·405	5·386	5·394	5·352
5	5·415	5·396	5·401	5·436	5·442	5·406	5·422	5·408	5·413	5·416	5·424	5·417	5·436	5·435	5·440	5·443	5·441	5·443	5·449	5·450	5·450	5·449	5·449	5·449	5·430
6	5·449	5·442	5·446	5·447	5·453	5·459	5·471	5·481	5·494	5·489	5·491	5·492	5·493	5·488	5·485	5·476	5·468	5·473	5·460	5·464	5·442	5·427	5·416	5·405	5·463
7	5·404	5·399	5·382	5·362	5·359	5·354	5·342	5·325	5·315	5·323	5·313	5·314	5·303	5·290	5·290	5·288	5·272	5·278	5·269	5·264	5·244	5·259	5·243	5·249	5·310
8	5·245	5·234	5·228	5·229	5·225	5·226	5·231	5·234	5·235	5·221	5·223	5·226	5·225	5·220	5·225	5·221	5·229	5·227	5·235	5·244	5·238	5·242	5·239	5·248	5·231
9	5·250	5·251	5·250	5·248	5·258	5·266	5·273	5·277	5·291	5·295	5·295	5·287	5·270	5·262	5·269	5·280	5·271	5·269	5·271	5·263	5·291	5·264	5·243	5·233	5·268
10	5·231	5·236	5·219	5·216	5·208	5·214	5·228	5·220	5·236	5·226	5·216	5·199	5·202	5·202	5·194	5·183	5·214	5·218	5·235	5·263	5·291	5·310	5·324	5·336	5·234
11	5·343	5·352	5·364	5·369	5·375	5·385	5·382	5·385	5·377	5·368	5·381	5·379	5·357	5·361	5·365	5·372	5·382	5·381	5·397	5·424	5·423	5·423	5·446	5·446	5·385
12	5·448	5·439	5·451	5·456	5·462	5·476	5·480	5·488	5·499	5·511	5·510	5·512	5·517	5·511	5·512	5·520	5·520	5·532	5·527	5·532	5·531	5·528	5·521	5·519	5·500
13	5·516	5·508	5·505	5·505	5·503	5·503	5·510	5·519	5·525	5·521	5·519	5·519	5·502	5·502	5·488	5·485	5·467	5·461	5·447	5·446	5·439	5·424	5·415	5·408	5·485
14	5·374	5·359	5·339	5·331	5·321	5·320	5·318	5·294	5·290	5·294	5·282	5·272	5·275	5·276	5·269	5·260	5·253	5·254	5·255	5·254	5·254	5·251	5·250	5·232	5·287
15	5·233	5·240	5·239	5·220	5·232	5·234	5·234	5·244	5·257	5·258	5·275	5·293	5·291	5·300	5·303	5·311	5·314	5·330	5·326	5·336	5·343	5·355	5·361	5·367	5·287
16	5·369	5·381	5·379	5·393	5·404	5·416	5·427	5·440	5·449	5·458	5·470	5·480	5·491	5·494	5·495	5·498	5·500	5·506	5·505	5·508	5·510	5·505	5·498	5·498	5·461
17	5·502	5·503	5·495	5·489	5·501	5·506	5·510	5·522	5·532	5·536	5·538	5·543	5·540	5·544	5·545	5·532	5·531	5·525	5·527	5·513	5·500	5·492	5·481	5·454	5·515
18	5·440	5·406	5·403	5·404	5·395	5·382	5·381	5·386	5·382	5·382	5·386	5·388	5·390	5·394	5·402	5·408	5·416	5·425	5·416	5·419	5·425	4·421	5·419	5·422	5·404
19	5·423	5·418	5·414	5·420	5·417	5·411	5·414	5·428	5·432	5·438	5·452	5·448	5·455	5·458	5·466	5·471	5·470	5·464	5·465	5·481	5·496	5·501	5·506	5·509	5·452
20	5·513	5·515	5·515	5·522	5·524	5·532	5·550	5·555	5·562	5·568	5·577	5·588	5·595	5·600	5·601	5·606	5·611	5·611	5·613	5·616	5·624	5·623	5·618	5·621	5·578
21	5·617	5·615	5·608	5·608	5·606	5·610	5·623	5·615	5·623	5·623	5·623	**5·628**	5·624	5·619	5·616	5·620	5·598	5·590	5·581	5·574	5·570	5·561	5·553	5·542	5·602
22	5·530	5·516	5·498	5·495	5·491	5·480	5·495	5·491	5·489	5·473	5·473	5·473	5·454	5·451	5·436	5·436	5·417	5·413	5·411	5·403	5·396	5·393	5·383	5·362	5·452
23	5·354	5·344	5·335	5·327	5·324	5·326	5·324	5·318	5·324	5·330	5·324	5·330	5·323	5·325	5·312	5·306	5·290	5·278	5·267	5·260	5·255	5·231	5·212	5·196	5·301
24	5·168	5·159	5·135	5·132	5·126	5·122	5·114	5·103	5·099	5·093	5·096	5·092	5·088	5·089	5·089	5·080	5·077	5·077	5·081	5·085	5·094	5·085	5·080	5·059	5·101
25	5·056	5·045	5·040	5·037	5·035	5·042	5·050	5·056	5·072	5·079	5·083	5·091	5·106	5·116	5·119	5·125	5·129	5·139	5·149	5·153	5·159	5·166	5·170	5·173	5·100
26	5·176	5·178	5·179	5·177	5·190	5·196	5·216	5·229	5·241	5·251	5·216	5·287	5·294	5·311	5·317	5·325	5·322	5·326	5·338	5·344	5·353	5·359	5·360	5·359	5·275
27	5·361	5·360	5·355	5·350	5·349	5·344	5·339	5·341	5·335	5·342	5·346	5·344	5·334	5·323	5·310	5·300	5·292	5·280	5·264	5·253	5·244	5·228	5·218	5·198	5·309
28	5·172	5·156	5·136	5·115	5·095	5·083	5·070	5·061	5·045	5·033	5·019	4·952	**4·932**	4·962	4·952	4·953	4·947	4·961	4·955	4·963	4·971	4·980	4·985	4·982	5·020
29	4·985	4·969	4·979	4·978	4·972	4·973	4·983	4·989	4·997	4·998	5·000	5·010	5·005	5·011	5·007	5·014	5·015	5·015	5·024	5·030	5·036	5·042	5·048	5·038	5·005
30	5·035	5·028	5·028	5·031	5·026	5·037	5·043	5·055	5·059	5·071	5·081	5·097	5·104	5·110	5·111	5·114	5·118	5·120	5·113	5·111	5·120	5·122	5·114	5·098	5·081
31	5·085	5·075	5·062	5·053	5·041	5·041	5·034	5·046	5·055	5·059	5·064	5·066	5·068	5·062	5·060	5·061	5·069	5·067	5·066	5·073	5·083	5·094	5·102	5·106	5·066
MEAN	5·301	5·294	5·288	5·288	5·288	5·289	5·297	5·295	5·300	5·302	5·302	5·304	5·302	5·306	5·304	5·304	5·303	5·304	5·304	5·309	5·312	5·311	5·307	5·305	5·301

BAROMETER. REDUCED TO 32°. 4407 FEET ABOVE SEA LEVEL. FIRST FIGURE OMITTED. JUNE 1889.

	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	**5·117**	5·123	5·127	5·133	5·150	5·158	5·174	5·157	5·167	5·160	5·174	5·180	5·167	5·180	5·189	5·196	5·201	5·192	5·194	5·218	5·200	5·187	5·210	5·225	5·174
2	5·223	5·244	5·226	5·235	5·239	5·246	5·254	5·266	5·291	5·260	5·268	5·276	5·208	5·238	5·151	5·253	5·226	5·206	5·221	5·219	5·244	5·268	5·282	5·295	5·243
3	5·293	5·286	5·282	5·280	5·289	5·283	5·291	5·302	5·299	5·300	5·300	5·310	5·314	5·310	5·312	5·325	5·317	5·326	5·319	5·336	5·317	5·317	5·343	5·348	5·308
4	5·379	5·379	5·385	5·391	5·406	5·419	5·434	5·458	5·484	5·517	5·555	5·584	5·625	5·658	5·694	5·700	5·727	5·752	5·772	5·791	5·811	5·825	5·838	5·847	5·601
5	5·858	5·861	5·865	5·881	5·886	5·892	5·906	5·915	5·922	5·928	5·933	5·941	**5·942**	5·939	5·938	5·939	5·938	5·932	5·922	5·918	5·904	5·894	5·883	5·872	5·909
6	5·860	5·853	5·847	5·835	5·833	5·821	5·815	5·804	5·791	5·781	5·763	5·755	5·740	5·724	5·715	5·696	5·690	5·673	5·654	5·648	5·647	5·654	5·641	5·635	5·745
7	5·632	5·624	5·613	5·610	5·609	5·617	5·630	5·633	5·650	5·656	5·655	5·658	5·670	5·666	5·656	5·650	5·641	5·633	5·620	5·605	5·606	5·589	5·579	5·559	5·628
8	5·547	5·519	5·496	5·482	5·463	5·455	5·440	5·434	5·434	5·422	5·416	5·404	5·392	5·381	5·365	5·354	5·344	5·326	5·325	5·322	5·318	5·319	5·313	5·308	5·399
9	5·305	5·297	5·289	5·287	5·281	5·281	5·291	5·303	5·319	5·324	5·325	5·329	5·324	5·321	5·323	5·315	5·317	5·332	5·347	5·357	5·384	5·381	5·382	5·401	5·326
10	5·395	5·401	5·394	5·397	5·403	5·409	5·424	5·432	5·443	5·455	5·462	5·463	5·465	5·474	5·473	5·473	5·468	5·462	5·463	5·466	5·466	5·462	5·450	5·443	5·443
11	5·427	5·422	5·414	5·406	5·397	5·399	5·401	5·402	5·402	5·396	5·390	5·383	5·377	5·375	5·362	5·349	5·346	5·338	5·328	5·325	5·330	5·320	5·331	5·334	5·373
12	5·322	5·323	5·318	5·320	5·313	5·319	5·326	5·333	5·338	5·349	5·360	5·365	5·367	5·369	5·370	5·364	5·363	5·354	5·360	5·364	5·365	5·358	5·352	5·351	5·347
13	5·357	5·342	5·340	5·325	5·317	5·315	5·312	5·307	5·305	5·308	5·299	5·299	5·295	5·291	5·284	5·277	5·269	5·273	5·272	5·272	5·278	5·281	5·281	5·290	5·305
14	5·297	5·300	5·304	5·307	5·314	5·318	5·325	5·332	5·338	5·340	5·339	5·341	5·335	5·331	5·331	5·331	5·325	5·330	5·323	5·324	5·332	5·334	5·334	5·335	5·326
15	5·339	5·336	5·347	5·357	5·360	5·366	5·383	5·398	5·410	5·424	5·431	5·439	5·448	5·454	5·455	5·459	5·461	5·463	5·470	5·467	5·481	5·484	5·482	5·491	5·425
16	5·492	5·494	5·498	5·509	5·515	5·523	5·541	5·551	5·558	5·566	5·579	5·589	5·603	5·609	5·610	5·616	5·624	5·627	5·633	5·635	5·644	5·652	5·651	5·651	5·582
17	5·651	5·653	5·652	5·652	5·660	5·666	5·672	5·681	5·690	5·693	5·702	5·710	5·721	5·730	5·736	5·734	5·736	5·743	5·745	5·748	5·757	5·755	5·759	5·754	5·708
18	5·750	5·752	5·750	5·750	5·755	5·758	5·765	5·765	5·769	5·769	5·771	5·774	5·774	5·774	5·773	5·772	5·767	5·764	5·769	5·768	5·774	5·769	5·763	5·758	5·765
19	5·757	5·750	5·750	5·745	5·742	5·741	5·741	5·743	5·747	5·745	5·746	5·746	5·747	5·750	5·751	5·741	5·741	5·732	5·746	5·751	5·759	5·749	5·747	5·741	5·746
20	5·729	5·717	5·708	5·702	5·698	5·699	5·703	5·705	5·706	5·705	5·712	5·725	5·730	5·729	5·721	5·718	5·715	5·714	5·716	5·717	5·714	5·714	5·708	5·707	5·713
21	5·704	5·693	5·683	5·676	5·677	5·682	5·685	5·687	5·692	5·698	5·696	5·703	5·704	5·705	5·702	5·694	5·693	5·689	5·691	5·687	5·691	5·693	5·693	5·689	5·692
22	5·689	5·682	5·677	5·665	5·674	5·681	5·690	5·697	5·702	5·702	5·707	5·715	5·712	5·719	5·716	5·716	5·717	5·717	5·711	5·712	5·711	5·708	5·705	5·696	5·701
23	5·686	5·681	5·668	5·660	5·655	5·655	5·656	5·652	5·649	5·646	5·640	5·640	5·635	5·629	5·623	5·623	5·616	5·610	5·616	5·614	5·611	5·607	5·607	5·601	5·637
24	5·600	5·596	5·593	5·588	5·583	5·585	5·591	5·592	5·598	5·603	5·610	5·613	5·613	5·614	5·619	5·620	5·624	5·629	5·626	5·631	5·634	5·641	5·645	5·644	5·612
25	5·643	5·638	5·635	5·637	5·638	5·644	5·646	5·656	5·657	5·657	5·661	5·664	5·658	5·661	5·660	5·659	5·656	5·656	5·655	5·657	5·658	5·660	5·654	5·656	5·653
26	5·645	5·634	5·627	5·626	5·618	5·622	5·623	5·622	5·626	5·622	5·619	5·609	5·612	5·600	5·590	5·568	5·570	5·566	5·562	5·549	5·550	5·540	5·532	5·523	5·594
27	5·522	5·522	5·515	5·511	5·512	5·518	5·527	5·531	5·533	5·543	5·550	5·560	5·567	5·576	5·574	5·570	5·567	5·568	5·565	5·565	5·557	5·561	5·556	5·555	5·547
28	5·535	5·515	5·509	5·503	5·505	5·510	5·518	5·519	5·516	5·518	5·525	5·539	5·538	5·542	5·545	5·550	5·556	5·564	5·571	5·572	5·581	5·587	5·599	5·606	5·543
29	5·601	5·609	5·606	5·608	5·611	5·616	5·628	5·635	5·644	5·648	5·651	5·658	5·653	5·644	5·642	5·641	5·640	5·636	5·624	5·630	5·626	5·626	5·608	5·604	5·629
30	5·598	5·580	5·584	5·586	55·88	5·600	5·607	5·622	5·628	5·642	5·654	5·667	5·684	5·702	5·717	5·724	5·740	5·746	5·757	5·764	5·775	5·793	5·803	5·802	5·682
MEAN	5·532	5·528	5·523	5·522	5·523	5·527	5·533	5·538	5·544	5·546	5·550	5·555	5·554	5·556	5·553	5·554	5·553	5·552	5·553	5·554	5·558	5·558	5·558	5·557	5·545

BAROMETER. REDUCED TO 32°. 4407 FEET ABOVE SEA LEVEL. FIRST FIGURE OMITTED. JULY 1889.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	5·810	5·810	5·809	5·817	5·817	5·834	5·842	5·853	5·869	5·879	5·882	5·892	5·895	5·898	5·904	5·902	5·903	5·909	5·910	5·910	5·914	5·915	5·910	5·912	5·875
2	5·907	5·901	5·901	5·897	5·897	5·904	5·907	5·912	5·915	5·920	5·921	5·920	5·927	**5·929**	5·924	5·925	5·909	5·910	5·912	5·908	5·908	5·908	5·905	5·907	5·911
3	5·900	5·892	5·880	5·878	5·881	5·878	5·879	5·878	5·879	5·874	5·870	5·868	5·869	5·868	5·869	5·867	5·857	5·853	5·842	5·839	5·846	5·848	5·840	5·834	5·866
4	5·827	5·821	5·813	5·810	5·812	5·811	5·809	5·810	5·808	5·808	5·810	5·811	5·811	5·815	5·812	5·801	5·799	5·797	5·804	5·806	5·805	5·813	5·817	5·813	5·810
5	5·810	5·804	5·794	5·787	5·772	5·774	5·772	5·779	5·779	5·787	5·785	5·782	5·782	5·784	5·783	5·768	5·766	5·761	5·760	5·763	5·749	5·747	5·743	5·731	5·773
6	5·713	5·696	5·668	5·646	5·629	5·615	5·600	5·584	5·570	5·551	5·529	5·506	5·491	5·460	5·431	5·404	5·382	5·348	5·345	5·316	5·296	5·276	5·266	5·262	5·483
7	5·241	5·220	5·203	5·195	5·190	5·182	5·185	5·192	5·196	5·195	5·192	5·188	5·187	5·192	5·188	5·178	5·175	5·172	5·178	5·179	5·186	5·194	5·191	5·185	5·191
8	5·180	5·165	5·162	5·162	5·155	5·154	5·158	5·173	5·181	5·191	5·201	5·212	5·218	5·228	5·235	5·238	5·242	5·245	5·258	5·271	5·285	5·293	5·303	5·302	5·217
9	5·304	5·304	5·304	5·294	5·297	5·309	5·316	5·324	5·338	5·342	5·347	5·348	5·356	5·357	5·350	5·329	5·328	5·333	5·341	5·338	5·321	5·325	5·314	5·304	5·326
10	5·299	5·283	5·271	5·261	5·240	5·234	5·234	5·233	5·222	5·230	5·231	5·230	5·229	5·239	5·239	5·226	5·229	5·234	5·247	5·249	5·267	5·274	5·281	5·282	5·248
11	5·281	5·284	5·290	5·293	5·295	5·311	5·322	5·344	5·351	5·368	5·378	5·394	5·413	5·428	5·435	5·436	5·442	5·447	5·465	5·474	5·478	5·490	5·495	5·492	5·392
12	5·495	5·490	5·489	5·482	5·492	5·494	5·496	5·505	5·510	5·515	5·524	5·531	5·543	5·544	5·550	5·539	5·537	5·536	5·545	5·548	5·551	5·551	5·545	5·544	5·523
13	5·539	5·531	5·512	5·508	5·504	5·499	5·496	5·496	5·495	5·492	5·489	5·486	5·487	5·473	5·465	5·445	5·444	5·434	5·424	5·419	5·414	5·403	5·393	5·373	5·468
14	5·361	5·351	5·342	5·336	5·328	5·320	5·320	5·321	5·318	5·320	5·313	5·310	5·309	5·313	5·310	5·295	5·287	5·280	5·277	5·266	5·260	5·252	5·242	5·227	5·302
15	5·222	5·207	5·196	5·180	5·172	5·166	5·166	5·166	5·170	5·169	5·171	5·172	5·181	5·184	5·182	5·178	5·173	5·177	5·187	5·187	5·194	5·200	5·200	5·203	5·183
16	5·209	5·212	5·214	5·211	5·218	5·222	5·231	5·245	5·257	5·263	5·266	5·280	5·293	5·304	5·313	5·308	5·317	5·321	5·327	5·337	5·344	5·347	5·356	5·351	5·281
17	5·351	5·345	5·351	5·338	5·325	5·341	5·347	5·360	5·367	5·377	5·380	5·383	5·398	5·402	5·414	5·403	5·395	5·404	5·412	5·413	5·412	5·412	5·403	5·401	5·381
18	5·389	5·386	5·374	5·369	5·353	5·348	5·352	5·351	5·362	5·362	5·362	5·362	5·362	5·364	5·364	5·343	5·339	5·337	5·337	5·326	5·328	5·314	5·310	5·295	5·350
19	5·280	5·270	5·257	5·246	5·236	5·232	5·237	5·232	5·240	5·241	5·239	5·242	5·246	5·254	5·253	5·246	5·239	5·234	5·241	5·233	5·231	5·237	5·239	5·230	5·243
20	5·233	5·223	5·216	5·210	5·196	5·192	5·190	5·189	5·189	5·188	5·186	5·185	5·177	5·176	5·178	5·162	5·148	5·139	5·142	5·133	5·132	5·124	5·115	5·098	5·172
21	5·085	5·074	5·067	5·054	5·041	5·033	5·031	5·030	5.034	5·032	5·034	5·039	5·044	5·047	5·057	5·061	5·067	5·074	5·106	5·100	5·105	5·107	5·114	5·115	5·065
22	5·106	5·120	5·118	5·111	5·109	5·116	5·113	5·127	5·138	5·137	5·142	5·145	5·148	5·157	5·162	5·152	5·150	5·150	5·157	5·156	5·175	5·172	5·169	5·170	5·142
23	5·173	5·170	5·166	5·168	5·168	5·177	5·188	5·194	5·204	5·218	5·230	5·245	5·248	5·264	5·270	5·267	5·265	5·267	5·280	5·293	5·292	5·294	5·282	5·280	5·233
24	5·267	5·251	5·244	5·225	5·201	5·186	5·179	5·169	5·161	5·147	5·131	5·117	5·122	5·103	5·088	5·051	5·027	5·034	5·024	5·020	5·026	5·025	5·028	5·027	5·119
25	5·025	5·014	5·002	4·998	4·984	**4·983**	4·988	4·998	5·013	5·029	5·039	5·054	5·076	5·095	5·131	5·146	5·158	5·177	5·195	5·200	5·216	5·227	5·230	5·229	5·092
26	5·225	5·222	5·228	5·235	5·237	5·243	5·254	5·263	5·278	5·294	5·299	5·311	5·327	5·344	5·345	5·348	5·353	5·361	5·375	5·383	5·391	5·403	5·404	5·409	5·314
27	5·411	5·421	5·421	5·422	5·419	5·435	5·446	5·460	5·476	5·485	5·493	5·503	5·512	5·528	5·528	5·511	5·512	5·518	5·523	5·523	5·519	5·513	5·507	5·491	5·482
28	5·481	5·463	5·454	5·441	5·432	5·427	5·429	5·430	5·433	5·440	5·444	5·450	5·459	5·469	5·476	5·470	5·476	5·477	5·496	5·507	5·510	5·514	5·522	5·514	5·467
29	5·513	5·512	5·516	5·513	5·508	5·518	5·524	5·542	5·547	5·559	5·574	5·585	5·597	5·617	5·624	5·615	5·618	5·621	5·629	5·640	5·650	5·644	5·643	5·636	5·581
30	5·637	5·640	5·633	5·631	5·618	5·628	5·633	5·641	5·652	5·648	5·650	5·658	5·675	5·677	5·675	5·656	5·650	5·647	5·652	5·639	5·639	5·632	5·622	5·625	5·644
31	5·620	5·624	5·606	5·595	5·581	5·573	5·565	5·558	5·561	5·559	5·548	5·562	5·559	5·567	5·546	5·541	5·536	5·537	5·531	5·529	5·531	5·523	5·498	5·498	5·556
MEAN	5·416	5·410	5·403	5·397	5·391	5·392	5·394	5·399	5·404	5·407	5·408	5·412	5·417	5·422	5·423	5·413	5·410	5·411	5·417	5·416	5·419	5·419	5·416	5·411	5·409

BAROMETER. REDUCED TO 32°. 4407 FEET ABOVE SEA LEVEL. FIRST FIGURE OMITTED. AUGUST 1889.

	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	5·491	5·478	5·461	5·456	5·437	5·436	5·423	5·428	5·428	5·423	5·411	5·402	5·401	5·391	5·389	5·374	5·376	5·361	5·349	5·348	5·345	5·328	5·318	5·302	5·398
2	5·295	5·291	5·270	5·261	5·247	5·247	5·252	5·254	5·253	5·254	5·258	5·257	5·260	5·273	5·278	5·269	5·280	5·270	5·260	5·258	5·251	5·244	5·233	5·220	5·260
3	5·208	5·193	5·176	5·169	5·163	5·152	5·154	5·156	5·157	5·159	5·163	5·165	5·167	5·189	5·194	5·199	5·205	5·216	5·228	5·236	5·244	5·253	5·263	5·270	5·199
4	5·283	5·289	5·290	5·297	5·306	5·310	5·320	5·329	5·339	5·349	5·354	5·364	5·365	5·369	5·367	5·351	5·348	5·340	5·338	5·331	5·328	5·322	5·309	5·297	5·329
5	5·274	5·262	5·245	5·230	5·223	5·208	5·198	5·192	5·178	5·177	5·172	5·159	5·151	5·147	5·133	5·120	5·108	5·101	5·084	5·068	5·027	5·044	5·037	5·026	5·148
6	5·023	5·017	5·019	5·022	5·020	5·019	5·037	5·053	5·061	5·074	5·077	5·094	5·101	5·123	5·140	5·159	5·172	5·175	5·202	5·220	5·235	5·249	5·255	5·264	5·117
7	5·268	5·273	5·284	5·293	5·295	5·309	5·326	5·348	5·371	5·393	5·404	5·418	5·429	5·444	5·451	5·455	5·459	5·466	5·472	5·489	5·497	5·506	5·505	5·503	5·402
8	5·505	5·498	5·497	5·496	5·498	5·500	5·508	5·506	5·502	5·501	5·502	5·498	5·488	5·484	5·468	5·455	5·447	5·438	5·429	5·413	5·406	5·384	5·364	5·345	5·464
9	5·318	5·309	5·294	5·277	5·269	5·250	5·244	5·238	5·252	5·253	5·266	5·264	5·267	5·266	5·265	5·262	5·260	5·255	5·257	5·254	5·253	5·250	5·244	5·239	5·262
10	5·225	5·218	5·208	5·200	5·202	5·190	5·183	5·182	5·177	5·178	5·164	5·165	5·153	5·154	5·143	5·137	5·135	5·133	5·131	5·144	5·154	5·159	5·160	5·158	5·169
11	5·147	5·139	5·145	5·145	5·143	5·153	5·157	5·166	5·179	5·183	5·199	5·208	5·215	5·232	5·245	5·250	5·257	5·263	5·267	5·289	5·295	5·297	5·299	5·313	5·216
12	5·315	5·321	5·318	5·319	5·322	5·330	5·344	5·344	5·355	5·357	5·370	5·371	5·382	5·386	5·394	5·388	5·389	5·398	5·399	5·397	5·395	5·396	5·394	5·402	5·366
13	5·394	5·398	5·390	5·391	5·399	5·399	5·411	5·420	5·427	5·430	5·429	5·441	5·441	5·438	5·440	5·441	5·439	5·436	5·441	5·437	5·415	5·404	5·389	5·368	5·417
14	5·354	5·338	5·311	5·288	5·269	5·251	5·237	5·231	5·215	5·205	5·198	5·202	5·195	5·199	5·204	5·208	5·206	5·212	5·220	5·225	5·232	5·239	5·242	5·233	5·238
15	5·231	5·224	5·221	5·218	5·216	5·210	5·208	5·220	5·205	5·200	5·200	5·210	5·217	5·222	5·232	5·228	5·250	5·242	5·241	5·254	5·266	5·273	5·283	5·286	5·232
16	5·288	5·301	5·294	5·299	5·302	5·314	5·312	5·307	5·306	5·299	5·296	5·287	5·285	5·252	5·231	5·207	5·177	5·109	5·040	5·002	4·993	4·959	4·935	4·926	5·197
17	4·939	4·943	4·951	4·953	4·962	4·968	4·978	4·987	4·999	5·020	5·038	5·052	5·058	5·085	5·088	5·094	5·104	5·108	5·118	5·124	5·116	5·112	5·115	5·112	5·043
18	5·120	5·105	5·112	5·117	5·119	5·129	5·141	5·152	5·175	5·188	5·217	5·216	5·220	5·235	5·250	5·252	5·255	5·255	5·262	5·263	5·265	5·261	5·262	5·260	5·201
19	5·252	5·249	5·246	5·236	5·223	5·225	5·216	5·216	5·211	5·211	5·199	5·190	5·185	5·169	5·152	5·131	5·114	5·087	5·081	5·062	5·034	5·005	4·985	4·939	5·151
20	4·915	4·903	4·877	4·873	4·854	4·852	4·850	4·849	4·851	4·838	4·832	4·824	4·829	4·835	4·831	4·829	4·828	4·833	4·839	4·853	4·854	4·856	4·859	4·863	4·851
21	4·857	4·858	4·851	4·849	4·847	4·849	4·847	4·854	4·850	4·850	4·850	4·844	4·850	4·834	4·821	4·815	4·821	4·803	4·802	4·797	**4·791**	4·804	4·807	4·815	4·832
22	4·811	4·816	4·831	4·843	4·844	4·859	4·891	4·910	4·946	4·971	4·997	5·022	5·045	5·077	5·097	5·112	5·137	5·150	5·169	5·173	5·163	5·169	5·157	5·155	5·014
23	5·152	5·152	5·155	5·142	5·141	5·150	5·157	5·173	5·168	5·177	5·180	5·186	5·181	5·182	5·186	5·186	5·182	5·173	5·184	5·185	5·193	5·197	5·196	5·199	5·174
24	5·194	5·195	5·198	5·201	5·201	5·207	5·215	5·228	5·241	5·264	5·265	5·273	5·273	5·271	5·265	5·259	5·255	5·258	5·257	5·263	5·250	5·248	5·241	5·230	5·240
25	5·226	5·226	5·232	5·235	5·242	5·253	5·265	5·279	5·293	5·303	5·314	5·324	5·332	5·339	5·345	5·353	5·360	5·363	5·364	5·382	5·377	5·394	5·408	5·413	5·318
26	5·414	5·422	5·419	5·417	5·417	5·420	5·428	5·437	5·451	5·463	5·468	5·475	5·490	5·493	5·501	5·495	5·502	5·502	5·503	5·515	5·516	5·519	5·515	5·510	5·470
27	5·513	5·513	5·499	5·504	5·497	5·507	5·513	5·526	5·532	5·534	5·530	5·524	5·522	5·514	5·506	5·481	5·469	5·458	5·446	5·450	5·435	5·422	5·397	5·360	5·486
28	5·328	5·298	5·300	5·260	5·277	5·274	5·263	4·263	5·281	5·288	5·308	5·334	5·336	5·351	5·353	5·354	5·349	5·362	5·372	5·383	5·381	5·386	5·392	5·394	5·329
29	5·394	5·401	5·396	5·402	5·413	5·424	5·436	5·437	5·464	5·473	5·479	5·497	5·509	5·502	5·506	5·507	5·509	5·513	5·522	5·529	5·534	5·536	5·543	5·540	5·478
30	5·541	5·537	5·531	5·529	5·535	5·538	5·539	5·548	5·561	5·574	5·582	5·589	5·595	5·609	5·611	5·609	5·611	5·616	5·617	5·633	5·645	5·643	5·649	5·650	5·587
31	5·656	5·654	5·649	5·648	5·649	5·657	5·660	5·669	5·676	5·679	5·684	5·690	5·693	5·698	5·696	5·700	5·699	5·702	5·705	5·711	**5·713**	5·712	5·709	5·707	5·684
MEAN.	5·256	5·252	5·247	5·244	5·243	5·245	5·249	5·255	5·261	5·267	5·271	5·276	5·279	5·283	5·283	5·280	5·281	5·277	5·277	5·280	5·278	5·276	5·273	5·268	5·267

BAROMETER. Reduced to 32°. 4407 feet above Sea Level. First figure omitted. SEPTEMBER 1889.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	5·708	5·701	5·697	5·694	5·701	5·702	5·704	5·713	5·722	5·724	5·721	5·723	5·715	5·709	5·700	5·701	5·690	5·694	5·696	5·697	5·693	5·691	5·679	5·672	5·702
2	5·665	5·656	5·648	5·641	5·635	5·639	5·635	5·625	5·623	5·612	5·611	5·611	5·618	5·608	5·604	5·583	5·577	5·576	5·568	5·571	5·566	5·584	5·571	5·570	5·608
3	5·553	5·547	5·562	5·554	5·557	5·569	5·574	5·572	5·568	5·578	5·588	5·602	5·613	5·618	5·613	5·619	5·627	5·633	5·643	5·647	5·647	5·654	5·661	5·663	5·603
4	5·663	5·661	5·666	5·666	5·678	5·687	5·690	5·699	5·705	5·708	5·725	5·733	5·737	5·739	5·740	5·733	5·735	5·734	5·742	5·750	5·753	5·756	5·756	5·754	5·717
5	5·754	5·748	5·751	5·740	5·739	5·741	5·750	5·751	5·760	5·766	5·769	5·776	5·779	5·784	5·776	5·774	5·771	5·781	5·787	5·791	5·797	5·797	5·800	5·796	5·770
6	5·800	5·803	5·791	5·791	5·791	5·800	5·803	5·813	5·820	5·822	5·832	5·840	5·847	5·842	5·845	5·839	5·829	5·825	5·831	5·836	5·831	5·825	5·820	5·819	5·821
7	5·809	5·800	5·791	5·778	5·773	5·780	5·777	5·779	5·774	5·765	5·763	5·754	5·742	5·739	5·703	5·690	5·684	5·675	5·661	5·662	5·649	5·644	5·653	5·628	5·728
8	5·616	5·601	5·595	5·577	5·576	5·573	5·566	5·567	5·538	5·557	5·547	5·539	5·511	5·493	5·511	5·493	5·450	5·458	5·468	5·476	5·448	5·454	5·463	5·447	5·522
9	5·437	5·419	5·405	5·397	5·393	5·390	5·385	5·390	5·408	5·431	5·452	5·454	5·470	5·483	5·480	5·488	5·485	5·499	5·497	5·500	5·500	5·504	5·510	5·510	5·454
10	5·513	5·519	5·511	5·511	5·516	5·510	5·518	5·532	5·557	5·570	5·579	5·590	5·596	5·588	5·570	5·556	5·554	5·565	5·580	5·574	5·565	5·560	5·549	5·551	5·551
11	5·534	5·533	5·519	5·507	5·512	5·517	5·524	5·533	5·540	5·553	5·555	5·557	5·544	5·553	5·540	5·545	5·552	5·557	5·564	5·571	5·573	5·583	5·590	5·604	5·548
12	5·610	5·619	5·629	5·641	5·644	5·660	5·676	5·689	5·707	5·715	5·720	5·716	5·724	5·729	5·718	5·707	5·707	5·708	5·713	5·716	5·712	5·705	5·706	5·699	5·690
13	5·687	5·677	5·662	5·662	5·656	5·660	5·661	5·665	5·669	5·676	5·687	5·693	5·708	5·718	5·722	5·735	5·742	5·755	5·764	5·776	5·784	5·793	5·797	5·799	5·714
14	5·802	5·802	5·808	5·808	5·814	5·823	5·833	5·843	5·850	5·852	5·852	5·862	5·867	5·864	5·861	5·862	5·860	5·855	5·851	5·859	5·861	5·861	5·857	5·856	5·844
15	5·857	5·857	5·852	5·852	5·853	5·855	5·862	5·867	5·876	**5·881**	5·880	5·877	5·875	5·872	5·866	5·866	5·864	5·859	5·854	5·858	5·847	5·841	5·830	5·819	5·859
16	5·805	5·796	5·784	5·768	5·761	5·762	5·763	5·758	5·755	5·752	5·740	5·722	5·707	5·694	5·689	5·674	5·650	5·650	5·632	5·626	5·612	5·606	5·589	5·561	5·702
17	5·544	5·532	5·504	5·509	5·490	5·491	5·491	5·489	5·493	5·486	5·499	5·499	5·504	5·514	5·511	5·511	5·511	5·519	5·530	5·534	5·523	5·528	5·522	5·517	5·510
18	5·511	5·498	5·496	5·473	5·467	5·473	5·456	5·449	5·447	5·436	5·425	5·412	5·386	5·387	5·371	5·341	5·309	5·297	5·289	5·264	5·240	5·228	5·193	5·174	5·376
19	5·141	5·120	5·087	5·064	5·041	5·030	5·006	4·994	4·965	4·990	4·989	4·993	4·977	4·972	4·960	4·948	4·941	4·931	4·923	4·929	4·918	4·922	4·921	4·915	4·987
20	4·922	4·925	**4·903**	4·924	4·922	4·923	4·932	4·948	4·961	4·952	4·950	4·948	4·954	4·952	4·962	4·968	4·984	4·993	5010	5·007	5·019	5·019	5·025	5·017	4·963
21	5·013	5·013	5·009	5·003	4·998	4·998	4·993	4·999	4·995	4·980	4·983	4·973	4·969	4·958	4·960	4·966	4·964	4·971	4·983	4·982	4·990	4·990	4·998	4·998	4·987
22	5·005	5·019	5·014	5·023	5·038	5·048	5·062	5·077	5·093	5·104	5·111	5·123	5·135	5·139	5·148	5·161	5·169	5·172	5·174	5·188	5·186	5·190	5·195	5·208	5·116
23	5·209	5·201	5·189	5·193	5·194	5·192	5·188	5·193	5·198	5·193	5·191	5·189	5·190	5·183	5·173	5·167	5·169	5·177	5·172	5·178	5·181	5·175	5·179	5·168	5·185
24	5·170	5·165	5·161	5·160	5·152	5·150	5·145	5·157	5·156	5·154	5·143	5·143	5·133	5·112	5·096	5·064	5·057	5·059	5·074	5·095	5·120	5·142	5·173	5·197	5·132
25	5·224	5·241	5·248	5·276	5·312	5·325	5·342	5·349	5·360	4·353	5·377	5·398	5·403	5·405	5·412	5·415	5·433	5·430	5·439	5·446	5·444	5·444	5·447	5·442	5·374
26	5·435	5·428	5·399	5·398	5·379	5·380	5·367	5·358	5·365	5·364	5·369	5·359	5·349	5·352	5·354	5·344	5·337	5·341	5·355	5·357	5·370	5·377	5·382	5·384	5·371
27	5·378	5·370	5·356	5·336	5·334	5·330	5·333	5·330	5·310	5·308	5·298	5·296	5·277	5·272	5·265	5·262	5·273	5·275	5·279	5·261	5·254	5·234	5·226	5·210	5·294
28	5·213	5·199	5·190	5·182	5·190	5·187	5·190	5·201	5·215	5·227	5·241	5·239	5·253	5·255	5·255	5·268	5·289	5·292	5·293	5·300	5·310	5·314	5·324	5·310	5·247
29	5·305	5·309	5·313	5·315	5·322	5·330	5·352	5·375	5·374	5·381	5·392	5·391	5·398	5·379	5·377	5·371	5·357	5·343	5·329	5·299	5·272	5·272	5·253	5·245	5·336
30	5·240	5·253	5·263	5·265	5·255	5·275	5·274	5·272	5·298	5·308	5·295	5·324	5·354	5·349	5·366	5·392	5·410	5·431	5·448	5·460	5·467	5·480	5·477	5·477	5·351
Mean	5·471	5·467	5·460	5·457	5·456	5·460	5·462	5·466	5·470	5·473	5·476	7.478	5·478	5·475	5·472	5·468	5·466	5·468	5·472	5·474	5·471	5·472	5·472	5·467	5·469

BAROMETER. Reduced to 32°. 4407 feet above Sea Level. First figure omitted. OCTOBER 1888.

	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	5·487	5·494	5·493	5·496	5·509	5·528	5·542	5·541	5·551	5·558	5·566	5·566	5·569	5·571	5·573	5·572	5·567	5·566	5·568	5·567	5·559	5·555	5·550	5·538	5·545
2	5·526	5·513	5·495	5·486	5·476	5·462	5·458	5·451	5·435	5·432	5·419	5·411	5·394	5·373	5·361	5·351	5·343	5·338	5·336	5·321	5·309	5·293	5·290	5·283	5·398
3	5·273	5·262	5·242	5·234	5·225	5·222	5·219	5·222	5·220	5·219	5·212	5·211	5·205	5·204	5·202	5·198	5·190	5·195	5·195	5·198	5·190	5·184	5·169	5·174	5·211
4	5·148	5·144	5·134	5·119	5·107	5·116	5·100	5·099	5·082	5·078	5·073	5·070	5·066	5·058	5·059	5·053	5·049	5·054	5·035	5·040	5·034	5·025	5·024	5·026	5·075
5	5·023	5·017	5·016	5·015	5·024	5·026	5·036	5·046	5·049	5·059	5·063	5·073	5·071	5·069	5·069	5·071	5·076	5·084	5·080	5·084	5·081	5·078	5·071	5·056	5·056
6	5·052	5·042	5·025	5·013	5·018	5·027	5·039	5·044	5·052	5·054	5·065	5·074	5·077	5·082	5·070	5·058	5·049	5·031	4·998	4·958	4·895	4·840	4·753	4·679	5·000
7	4·605	4·500	4·383	4·379	4·371	4·421	4·407	4·417	4·417	4·425	4·434	4·436	4·445	4·448	4·457	4·442	4·471	4·457	4·475	4·494	4·499	4·497	4·514	4·529	4·455
8	4·534	4·543	4·548	4·563	4·567	4·582	4·587	4·584	4·595	4·588	4·579	4·573	4·550	4·543	4·547	4·530	4·509	4·491	4·495	4·479	4·470	4·452	4·418	4·423	4·531
9	4·401	4·390	4·386	4·382	4·370	4·352	4·333	4·310	4·305	4·284	**4·266**	4·286	4·296	4·307	4·327	4·352	4·385	4·415	4·440	4·462	4·478	4·500	4·523	4·537	4·379
10	4·546	4·554	4·562	4·569	4·569	4·586	4·609	4·625	4·648	4·666	4·689	4·703	4·725	4·739	4·758	4·768	4·790	4·809	4·827	4·842	4·853	4·866	4·873	4·883	4·711
11	4·888	4·891	4·889	4·894	4·904	4·916	4·929	4·942	4·951	4·963	4·974	4·983	4·986	4·991	4·998	5·009	5·020	5·031	5·036	5·036	5·041	5·046	5·052	5·057	4·976
12	5·064	5·063	5·071	5·078	5·086	5·101	5·117	5·129	5·143	5·157	5·163	5·166	5·167	5·166	5·170	5·168	5·170	5·177	5·175	5·180	5·184	5·176	5·180	5·189	5·143
13	5·195	5·193	5·192	5·193	5·206	5·218	5·236	5·253	5·264	5·276	5·284	5·292	5·301	5·305	5·312	5·323	5·334	5·343	5·352	5·361	5·361	5·355	5·363	5·363	5·286
14	5·355	5·350	5·349	5·351	5·350	5·346	5·346	5·349	5·350	5·349	5·343	5·339	5·334	5·326	5·328	5·322	5·320	5·317	5·315	5·301	5·294	5·282	5·274	5·264	5·327
15	5·239	5·228	5·206	5·200	5·190	5·181	5·168	5·167	5·165	5·142	5·114	5·096	5·079	5·072	5·084	5·096	5·100	5·108	5·114	5·122	5·125	5·124	5·134	5·131	5·141
16	5·129	5·127	5·126	5·125	5·129	5·137	5·146	5·157	5·162	5·170	5·175	5·180	5·182	5·187	5·190	5·192	5·194	5·201	5·209	5·208	5·205	5·204	5·207	5·217	5·173
17	5·215	5·218	5·214	5·215	5·219	5·221	5·227	5·233	5·238	5·243	5·236	5·237	5·236	5·229	5·221	5·211	5·208	5·199	5·196	5·192	5·182	5·172	5·161	5·154	5·212
18	5·134	5·118	5·101	5·086	5·075	5·054	5·045	5·041	5·025	5·036	5·027	5·032	5·020	5·011	4·999	4·967	4·937	4·940	4·958	4·940	4·925	4·949	4·931	4·948	5·012
19	4·951	4·934	4·929	4·915	4·916	4·908	4·938	4·942	4·915	4·921	4·915	4·919	4·907	4·903	4·902	4·878	4·891	4·897	4·862	4·886	4·875	4·869	4·882	4·862	4·905
20	4·860	4·861	4·843	4·849	4·844	4·845	4·849	4·843	4·848	4·869	4·895	4·932	4·933	4·965	4·961	4·977	4·981	5·004	4·996	5·021	5·021	5·042	5·043	5·049	4·930
21	5·057	5·058	5·050	5·061	5·065	5·070	5·075	5·090	5·107	5·116	5·123	5·119	5·125	5·140	5·141	5·154	5·160	5·177	5·186	5·192	5·208	5·214	5·224	5·229	5·131
22	5·238	5·240	5·235	5·251	5·254	5·263	5·268	5·269	5·281	5·293	5·293	5·305	5·309	5·310	5·317	5·314	5·318	5·325	5·324	5·329	5·329	5·335	5·330	5·332	5·294
23	5·335	5·333	5·339	5·348	5·351	5·358	5·368	5·383	5·391	5·402	5·413	5·421	5·425	5·431	5·433	5·435	5·440	5·450	5·458	5·460	5·469	5·473	5·475	5·482	5·411
24	5·486	5·493	5·487	5·493	5·502	5·509	5·518	5·531	5·543	5·552	5·557	5·567	5·575	5·581	5·582	5·584	5·599	5·605	5·616	5·621	5·629	5·631	5·638	5·642	5·564
25	5·641	5·647	5·644	5·651	5·659	5·662	5·667	5·675	5·683	5·690	5·696	5·694	5·692	5·692	5·693	5·693	5·699	5·709	5·715	5·715	**5·721**	5·718	5·720	5·714	5·687
26	5·713	5·709	5·700	5·699	5·699	5·693	5·688	5·702	5·703	5·700	5·704	5·707	5·701	5·697	5·695	5·695	5·694	5·696	5·695	5·681	5·677	5·677	5·675	5·670	5·695
27	5·659	5·636	5·632	5·618	5·613	5·603	5·596	5·596	5·588	5·577	5·566	5·546	5·518	5·507	5·496	5·479	5·470	5·467	5·464	5·452	5·444	5·433	5·424	5·415	5·533
28	5·395	5·380	5·374	5·368	5·362	5·356	5·355	5·353	5·347	5·335	5·337	5·321	5·315	5·301	5·291	5·285	5·284	5·279	5·273	5·266	5·251	5·241	5·221	5·206	5·312
29	5·195	5·183	5·158	5·132	5·130	5·121	5·118	5·114	5·107	5·110	5·089	5·086	5·085	5·079	5·086	5·088	5·101	5·108	5·098	5·097	5·090	5·070	5·068	5·047	5·107
30	5·032	5·010	4·999	4·977	4·961	4·947	4·926	4·914	4·894	4·882	4·862	4·842	4·836	4·797	4·807	4·838	4·832	4·847	4·851	4·863	4·881	4·887	4·909	4·930	4·897
31	4·938	4·955	4·971	5·001	5·023	5·045	5·055	5·063	5·072	5·085	5·093	5·100	5·109	5·112	5·109	5·113	5·102	5·099	5·082	5·074	5·050	5·021	4·991	4·938	5·050
Mean	5·139	5·132	5·122	5·121	5·122	5·125	5·128	5·132	5·133	5·136	5·136	5·138	5·137	5·135	5·137	5·136	5·138	5·143	5·143	5·143	5·140	5·136	5·132	5·128	5·134

BAROMETER. Reduced to 32°. 4407 feet above Sea Level. First figure omitted. NOVEMBER 1889.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	4·901	4·857	4·784	4·728	4·670	4·613	4·553	4·517	4·493	4·482	4·491	**4·475**	4·497	4·493	4·513	4·548	4·616	4·638	4·676	4·700	4·736	4·758	4·783	4·802	4·638
2	4·818	4·839	4·871	4·908	4·917	4·934	4·945	4·980	4·984	5·020	5·045	5·052	5·072	5·085	5·093	5·109	5·127	5·131	5·144	5·146	5·135	5·142	5·123	5·106	5·030
3	5·103	5·079	5·065	5·049	5·032	5·021	5·014	5·010	5·008	5·004	5·006	5·006	5·003	5·017	5·028	5·040	5·053	5·064	5·086	5·099	5·116	5·119	5·129	5·133	5·054
4	5·138	5·135	5·149	5·147	5·153	5·163	5·166	5·176	5·185	5·190	5·192	5·196	5·205	5·202	5·200	5·191	5·190	5·191	5·188	5·177	5·182	5·167	5·152	5·144	5·174
5	5·131	5·113	5·114	5·097	5·098	5·099	5·097	5·113	5·123	5·134	5·147	5·153	5·172	5·184	5·208	5·227	5·247	5·273	5·295	5·312	5·338	5·362	5·377	5·392	5·200
6	5·409	5·431	5·447	5·456	5·464	5·478	5·492	5·523	5·534	5·539	5·552	5·556	5·568	5·579	5·579	5·572	5·588	5·597	5·605	5·607	5·617	5·636	5·638	5·641	5·546
7	5·645	5·634	5·629	5·619	5·626	5·627	5·619	5·622	5·621	5·619	5·627	5·633	5·640	5·649	5·652	5·640	5·662	5·678	5·687	5·707	5·711	5·725	5·729	5 739	5·656
8	5·738	5·739	5·744	5·749	5·752	5·760	5·760	5·764	5·766	5·775	5·760	5·757	5·746	5·722	5·711	5·702	5·703	5·713	5·717	5·710	5·714	5·715	5·708	5·712	5·735
9	5·712	5·702	5·695	5·694	5·699	5·699	5·699	5·709	5·729	5·730	5·738	5·738	5·740	5·730	5·717	5·725	5·715	5·718	5·718	5·719	5·715	5·721	5·712	5·718	5·716
10	5·722	5·726	5·734	5·738	5·744	5·746	5·750	5·765	5·778	5·788	5·790	5·791	5·794	5·797	5·787	5·785	5·782	5·781	5·787	5·791	5·785	5·791	5·789	5·797	5·772
11	5·804	5·801	5·801	5·796	5·802	5·806	5·807	5·809	5·812	5·810	5·806	5·804	5·796	5·782	5·776	5·772	5·775	5·775	5·770	5·757	5·754	5·739	5·722	5·708	5·783
12	5·693	5·678	5·686	5·665	5·658	5·658	5·657	5·646	5·658	5·656	5·653	5·640	5·650	5·647	5·654	5·654	5·660	5·676	5·688	5·695	5·700	5·709	5·708	5·710	5·671
13	5·708	5·701	5·707	5·702	5·702	5·698	5·697	5·697	5·696	5·694	5·690	5·674	5·660	5·650	5·642	5·634	5·627	5·623	5·626	5·614	5·610	5·595	5·585	5·576	5·659
14	5·567	5·559	5·553	5·549	5·551	5·563	5·569	5·580	5·592	5·596	5·597	5·597	5·591	5·577	5·576	5·580	5·577	5·572	5·571	5·572	5·571	5·570	5·565	5·553	5·573
15	5·539	5·530	5·520	5·513	5·514	5·507	5·507	5·503	5·505	5·513	5·509	5·498	5·491	5·482	5·483	5·500	5·492	5·489	5·483	5·491	5·498	5·506	5·529	5·558	5·507
16	5·579	5·604	5·627	5·643	5·667	5·692	5·730	5·752	5·786	5·813	5·837	5·850	5·867	5·875	5·878	5·878	5·885	5·889	5·900	5·905	5·907	5·902	5·891	5·888	5·802
17	5·881	5·880	5·878	5·870	5·879	5·876	5·880	5·879	5·880	5·883	5·886	5·892	5·882	5·883	5·883	5·887	5·893	5·904	5·919	5·921	5·927	**5·928**	5·926	5·916	5·893
18	5·916	5·915	5·912	5·906	5·906	5·914	5·917	5·919	5·920	5·926	5·926	5·922	5·911	5·900	5·890	5·888	5·892	5·897	5·903	5·897	5·897	5·896	5·891	5·884	5·906
19	5·890	5·886	5·877	5·875	5·867	5·857	5·855	5·865	5·869	5·865	5·867	5·858	5·855	5·854	5·849	5·846	5·853	5·856	5·859	5·864	5·869	5·873	5·872	5·874	5·865
20	5·877	5·882	5·881	5·878	5·884	5·886	5·886	5·891	5·901	5·905	5·905	5·889	5·876	5·862	5·847	5·839	5·829	5·829	5·823	5·803	5·799	5·775	5·757	5·751	5·852
21	5·742	5·733	5·711	5·700	5·685	5·671	5·669	5·653	5·655	5·646	5·658	5·647	5·633	5·613	5·616	5·574	5·586	5·566	5·551	5·514	5·492	5·494	5·463	5·441	5·613
22	5·412	5·362	5·362	5·362	5·359	5·407	5·416	5·418	5·429	5·433	5·431	5·427	5·425	5·417	5·400	5·411	5·419	5·422	5·422	5·425	5·441	5·442	5·455	5·462	5·415
23	5·468	5·471	5·478	5·475	5·481	5·491	5·501	5·513	5·529	5·545	5·560	5·555	5·538	5·525	5·526	5·513	5·476	5·455	5·431	5·421	5·392	5·367	5·352	5·312	5·474
24	5·270	5·272	5·261	5·213	5·186	5·171	5·146	5·118	5·117	5·085	5·053	5·026	4·984	4·954	4·916	4·880	4·852	4·830	4·809	4·783	4·765	4·744	4·727	4·713	4·995
25	4·697	4·688	4·686	4·684	4·685	4·698	4·714	4·732	4·780	4·806	4·833	4·841	4·853	4·871	4·884	4·899	4·916	4·920	4·920	4·938	4·939	4·933	4·933	4·917	4·824
26	4·907	4·885	4·894	4·865	4·839	4·850	4·842	4·849	4·862	4·894	4·895	4·889	4·893	4·890	4·896	4·905	4·905	4·921	4·920	4·938	4·947	4·986	4·996	5·010	4·903
27	5·021	5·029	5·048	5·038	5·095	5·116	5·143	5·180	5·216	5·245	5·270	5·289	5·318	5·341	5·358	5·378	5·389	5·415	5·421	5·436	5·468	5·483	5·492	5·494	5·278
28	5·501	5·504	5·505	5·496	5·503	5·510	5·515	5·524	5·524	5·530	5·530	5·538	5·540	5·546	5·535	5·552	5·557	5·559	5·562	5·561	5·558	5·556	5·554	5·540	5·533
29	5·524	5·519	5·507	5·503	5·493	5·486	5·488	5·485	5·474	5·467	5·455	5·441	5·424	5·412	5·394	5·387	5·386	5·375	5·368	5·364	5·360	5·361	5·343	5·343	5·432
30	5·340	5·334	5·338	5·330	5·334	5·339	5·341	5·345	5·356	5·356	5·361	5·359	5·381	5·367	5·378	5·379	5·391	5·399	5·415	5·427	5·441	5·457	5·455	5·466	5·379
Mean	5·455	5·450	5·449	5·442	5·442	5·445	5·446	5·451	5·459	5·465	5·469	5·466	5·467	5·464	5·462	5·463	5·468	5·472	5·475	5·476	5·479	5·482	5·479	5·477	5·463

BAROMETER. Reduced to 32°. 4407 feet above Sea Level. First figure omitted. DECEMBER 1889.

	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	I n.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	5·472	5·484	5·482	5·486	5·494	5·502	5·513	5·526	5·543	5·559	5·560	5·563	5·558	5·568	5·573	5·577	5·583	5·584	5·592	5·597	5·600	5·600	5·570	5·569	5·548
2	5·576	5·574	5·562	5·552	5·560	5·566	5·568	5·573	5·585	5·593	5·595	5·597	5·592	5·595	5·596	5·593	5·596	5·599	5·607	5·617	5·619	5·635	5·636	5·641	5·593
3	5·645	5·629	5·642	5·648	5·646	5·642	5·636	5·636	5·650	5·661	5·664	5·664	5·659	5·671	5·669	5·667	5·676	5·684	5·694	5·699	5·700	5·698	5·703	5·695	5·666
4	5·699	5·704	5·704	5·711	5·721	5·725	5·726	5·741	5·750	5·757	5·771	5·768	5·770	5·775	5·783	5·799	5·798	5·802	5·819	5·831	5·833	5·839	5·852	5·853	5·772
5	5·847	5·854	5·860	5·861	5·861	5·863	5·872	5·877	5·886	5·886	5·884	5·897	5·896	5·887	5·900	**5·915**	5·912	5·905	5·907	5·899	5·900	5·905	5·893	5·888	5·886
6	5·879	5·862	5·849	5·832	5·821	5·797	5·776	5·764	5·747	5·715	5·705	5·661	5·621	5·603	5·571	5·551	5·527	5·509	5·479	5·464	5·444	5·450	5·432	5·434	5·646
7	5·421	5·417	5·417	5·421	5·429	5·437	5·457	5·477	5·486	5·499	5·504	5·507	5·499	5·508	5·503	5·506	5·500	5·501	5·501	5·500	5·495	5·497	5·495	5·494	5·478
8	5·481	5·493	5·486	5·467	5·470	5·471	5·455	5·452	5·430	5·426	5·394	5·365	5·336	5·312	5·288	5·284	5·275	5·261	5·254	5·244	5·225	5·202	5·195	5·184	5·352
9	5·168	5·146	5·134	5·112	5·091	5·064	5·062	5·044	5·019	5·014	4·981	4·948	4·918	4·909	4·871	4·858	4·838	4·825	4·803	4·782	4·768	4·744	4·725	4·685	4·938
10	4·655	4·628	4·596	4·568	4·554	4·529	4·523	4·527	4·525	4·523	4·520	4·518	4·516	**4·515**	4·516	4·527	4·538	4·541	4·559	4·577	4·588	4·608	4·629	4·647	4·559
11	4·695	4·718	4·728	4·734	4·755	4·781	4·810	4·835	4·878	4·900	4·920	4·950	4·971	4·989	5·015	5·027	5·041	5·054	5·070	5·089	5·105	5·117	5·122	5·131	4·935
12	5·133	5·145	5·145	5·148	5·160	5·150	5·156	5·161	5·153	5·144	5·138	5·116	5·088	5·051	5·018	5·021	4·954	4·937	4·883	4·834	4·831	4·775	4·757	4·755	5·027
13	4·780	4·786	4·786	4·801	4·823	4·849	4·875	4·905	4·949	4·978	5·012	5·041	5·066	5·100	5·130	5·168	5·190	5·225	5·259	5·286	5·314	5·339	5·364	5·383	5·059
14	5·391	5·407	5·422	5·432	5·445	5·454	5·448	5·465	5·475	5·467	5·463	5·451	5·447	5·428	5·436	5·414	5·420	5·419	5·417	5·427	5·448	5·456	5·493	5·525	5·444
15	5·521	5·554	5·567	5·584	5·592	5·601	5·612	5·628	5·640	5·650	5·656	5·656	5·634	5·600	5·596	5·582	5·563	5·566	5·542	5·528	5·499	5·460	5·447	5·437	5·571
16	5·421	5·448	5·461	5·475	5·492	5·495	5·509	5·529	5·560	5·570	5·574	5·590	5·597	5·604	5·604	5·605	5·600	5·595	5·584	5·565	5·522	5·489	5·469	5·458	5·534
17	5·427	5·409	5·397	5·382	5·401	5·403	5·427	5·444	5·464	5·481	5·482	5·484	5·476	5·476	5·484	5·484	5·472	5·481	5·479	5·473	5·453	5·412	5·420	5·381	5·446
18	5·317	5·286	5·271	5·240	5·217	5·167	5·140	5·103	5·075	5·053	5·096	5·146	5·189	5·250	5·308	5·329	5·357	5·382	5·410	5·409	5·424	5·412	5·378	5·370	5·264
19	5·327	5·305	5·253	5·177	5·175	5·147	5·157	5·175	5·202	5·183	5·169	5·160	5·144	5·113	5·080	5·053	5·028	5·006	4·993	4·978	4·949	4·930	4·933	4·918	5·106
20	4·904	4·903	4·907	4·908	4·892	4·900	4·890	4·894	4·882	4·886	4·862	4·847	4·825	4·815	4·799	4·783	4·786	4·787	4·784	4·792	4·800	4·804	4·805	4·800	4·844
21	4·803	4·816	4·827	4·823	4·825	4·835	4·841	4·849	4·858	4·878	4·901	4·925	4·936	4·954	4·969	4·968	4·966	4·977	4·977	4·980	4·964	4·949	4·913	4·875	4·900
22	4·837	4·821	4·812	4·812	4·787	4·782	4·773	4·787	4·797	4·818	4·831	4·837	4·848	4·863	4·881	4·906	4·921	4·942	4·966	4·988	5·021	5·040	5·072	5·100	4·885
23	5·110	5·138	5·158	5·167	5·170	5·176	5·193	5·204	5·212	5·207	5·185	5·179	5·159	5·164	5·148	5·133	5·095	5·088	5·086	5·060	5·053	5·027	4·995	4·970	5·128
24	4·954	4·923	4·913	4·884	4·890	4·890	4·889	4·914	4·936	4·954	4·982	5·020	5·034	5·068	5·097	5·143	5·169	5·203	5·237	5·280	5·323	5·370	5·404	5·440	5·080
25	5·460	5·488	5·525	5·532	5·548	5·550	5·551	5·563	5·567	5·572	5·552	5·559	5·534	5·550	5·558	5·581	5·577	5·584	5·599	5·596	5·592	5·607	5·606	5·621	5·561
26	5·608	5·603	5·611	5·618	5·603	5·614	5·624	5·632	5·673	5·706	5·710	5·724	5·712	5·709	5·730	5·742	5·754	5·764	5·775	5·791	5·800	5·790	5·776	5·778	5·702
27	5·760	5·758	5·748	5·743	5·727	5·729	5·728	5·728	5·726	5·722	5·720	5·708	5·698	5·688	5·695	5·683	5·682	5·663	5·649	5·668	5·664	5·645	5·624	5·621	5·699
28	5·579	5·584	5·584	5·571	5·558	5·553	5·540	5·526	5·520	5·510	5·485	5·484	5·466	5·453	5·446	5·441	5·428	5·426	5·424	5·430	5·434	5·434	5·437	5·441	5·490
29	5·439	5·442	5·456	5·465	5·473	5·487	5·514	5·527	5·543	5·560	5·569	5·569	5·587	5·599	5·601	5·618	5·625	5·635	5·638	5·654	5·654	5·657	5·656	5·638	5·567
30	5·623	5·625	5·622	5·621	5·609	5·599	5·595	5·587	5·581	5·579	5·567	5·535	5·524	5·505	5·475	5·487	5·472	5·455	5·438	5·447	5·438	5·420	5·412	5·384	5·525
31	5·385	5·361	5·345	5·327	5·301	5·294	5·271	5·256	5·254	5·253	5·230	5·216	5·211	5·202	5·240	5·270	5·271	5·289	5·309	5·333	5·355	5·386	5·408	5·428	5·300
Mean	5·333	5·333	5·331	5·326	5·325	5·324	5·327	5·333	5·341	5·345	5·345	5·345	5·339	5·339	5·341	5·346	5·342	5·344	5·346	5·349	5·349	5·345	5·343	5·340	5·339

TEMPERATURE. DRY AND WET BULBS. JANUARY 1889.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	25·0	25·0	25·1	25·1	25·2	25·2	25·3	25·3	25·0	25·0	25·0	25·0	23·2	23·2	23·5	23·5	23·7	23·8	25·0	25·0	24·3	24·3	25·3	25·3	25·3	22·1
2	22·1	22·1	23·1	23·1	23·1	23·0	23·7	23·8	23·5	23·6	23·5	23·6	23·3	23·4	23·3	23·3	23·8	23·8	24·2	24·2	24·3	24·4	25·5	25·5	30·7	22·1
3	30·2	30·2	30·3	30·3	30·9	30·9	31·0	31·0	30·8	30·8	31·0	31·0	30·8	30·8	30·9	30·9	30·3	30·3	30·7	30·7	31·0	31·0	30·9	30·9	31·3	30·2
4	30·8	30·8	30·8	30·8	30·8	30·8	30·7	30·7	30·5	30·5	30·1	30·1	29·9	29·9	29·9	29·9	30·1	30·1	30·0	30·0	30·5	30·5	31·0	31·0	31·0	26·8
5	26·0	26·0	25·2	25·2	25·3	25·3	25·8	25·8	26·0	26·0	27·0	27·0	27·9	27·9	28·0	28·0	28·1	28·1	28·2	28·2	28·0	28·0	27·9	27·9	30·0	25·2
6	30·1	30·1	29·9	29·9	29·1	29·1	28·0	28·0	26·6	26·6	26·0	26·0	24·9	24·9	24·1	24·1	24·7	24·7	24·1	24·1	24·1	24·2	23·9	24·0	30·1	22·5
7	22·2	22·3	22·2	22·3	22·7	22·7	22·1	22·1	22·1	22·1	20·6	20·6	20·6	20·6	20·2	20·2	20·2	20·2	20·8	20·8	20·7	20·9	21·9	22·0	28·0	20·2
8	27·4	27·4	27·3	27·3	27·7	27·7	27·9	27·9	27·5	27·5	27·4	27·4	27·5	27·5	27·5	27·5	27·8	27·8	28·2	28·2	28·5	28·5	28·7	28·7	29·7	27·3
9	28·0	28·0	28·0	28·0	28·7	28·7	28·0	28·0	28·4	28·4	28·2	28·2	27·5	27·5	27·9	27·9	28·0	28·0	27·2	27·2	26·2	26·2	26·2	26·2	28·7	23·0
10	24·2	24·2	23·3	23·3	22·0	22·0	21·4	21·5	22·2	22·2	22·1	22·2	21·9	22·0	20·9	21·0	21·0	21·1	21·0	21·3	25·9	18·8	23·1	19·8	25·9	20·9
11	24·6	24·6	24·1	24·1	24·1	24·1	24·1	24·1	24·1	24·1	24·1	24·1	23·9	23·9	23·9	23·9	24·3	24·3	24·8	24·8	24·9	24·9	25·1	25·1	25·1	20·6
12	23·4	23·4	24·0	24·0	23·1	23·1	22·1	22·1	22·1	22·2	21·3	21·5	21·0	21·0	20·9	20·9	20·2	20·3	20·3	20·5	20·9	21·0	21·0	21·0	24·0	19·0
13	18·7	18·7	18·6	18·6	17·6	17·8	17·4	17·8	19·6	19·8	26·8	21·2	24·3	21·1	17·6	17·9	27·3	23·8	30·0	24·7	29·4	24·6	26·0	25·7	30·0	17·4
14	22·0	22·0	20·3	20·3	19·8	19·8	22·0	21·6	21·7	20·9	21·9	21·9	22·0	22·0	22·0	22·0	22·0	22·0	22·2	22·2	23·0	23·0	23·1	23·1	26·2	19·8
15	26·1	26·1	26·9	26·9	27·2	27·2	27·8	27·8	28·0	28·0	28·2	28·1	28·8	28·8	28·8	28·8	28·8	28·8	29·0	29·0	29·6	29·6	29·9	29·9	31·1	26·1
16	28·8	28·8	28·5	28·5	28·7	28·7	28·1	28·1	27·5	27·6	27·5	27·5	27·0	27·0	27·0	27·0	26·7	26·7	26·5	26·5	26·3	26·3	26·8	26·8	28·8	25·8
17	26·8	26·8	26·4	26·4	26·4	26·4	26·1	26·1	25·9	25·9	26·0	26·0	26·2	26·1	25·2	25·2	26·0	26·0	26·6	26·6	26·2	26·2	25·2	25·2	35·0	25·2
18	35·2	35·2	35·4	35·4	36·0	36·0	36·0	36·1	36·4	36·5	37·0	37·1	37·3	37·4	37·7	37·8	37·8	37·8	37·6	37·6	37·3	37·3	36·8	36·8	37·8	22·0
19	24·6	24·6	25·1	25·1	26·0	26·0	25·6	25·6	26·3	26·3	25·0	25·0	24·4	24·6	23·8	23·9	24·0	24·0	23·9	23·9	24·0	24·0	23·4	23·6	26·3	23·1
20	25·5	25·8	25·3	25·3	25·3	25·3	25·8	25·8	25·6	25·6	26·0	26·0	26·0	26·0	26·7	26·7	27·2	27·2	28·2	28·2	28·7	28·7	29·8	29·8	31·0	25·3
21	28·7	28·7	28·8	28·8	29·0	29·0	29·4	29·4	29·6	29·6	29·7	29·8	29·7	29·7	29·5	29·5	29·3	29·3	28·8	28·8	28·6	28·6	28·2	28·2	32·0	24·4
22	30·3	28·6	31·0	29·0	31·0	29·0	30·7	28·7	30·7	30·0	31·4	31·7	31·9	31·9	32·0	32·2	32·2	32·2	32·0	32·0	32·4	32·2	34·1	33·1	37·5	30·3
23	39·2	34·2	36·8	33·2	38·0	33·5	37·4	33·0	37·3	34·9	33·2	33·2	36·3	36·3	33·7	33·7	32·4	32·2	33·8	31·8	33·4	32·2	31·0	32·1	39·2	31·0
24	32·0	32·0	32·1	32·1	32·2	32·2	32·8	32·2	32·3	32·2	32·2	32·2	32·0	32·2	32·0	32·2	32·0	32·2	32·2	32·2	31·2	31·3	31·8	31·8	32·8	30·2
25	31·0	31·0	31·4	31·4	31·6	31·6	31·5	31·5	32·0	32·0	32·0	32·0	32·0	32·0	31·9	31·9	32·0	32·0	32·1	32·0	32·2	32·2	32·3	32·2	34·0	30·7
26	30·0	30·0	29·9	29·9	29·8	29·8	30·0	30·0	28·5	28·6	27·3	27·3	28·0	28·0	27·3	27·3	27·2	27·2	26·6	26·6	25·0	25·0	23·4	23·6	30·0	17·9
27	17·0	17·2	17·0	17·1	17·1	17·2	16·9	16·9	16·9	16·9	17·0	17·0	17·8	17·0	19·1	17·2	17·8	17·8	19·0	18·1	19·1	17·8	18·3	18·1	30·2	16·9
28	30·2	30·2	30·4	30·4	30·8	30·8	31·0	31·0	31·0	31·0	31·2	31·2	31·2	31·2	31·2	31·2	31·2	31·2	31·7	31·7	31·7	31·8	31·4	31·4	32·0	30·1
29	30·1	30·1	30·5	30·5	30·1	30·1	30·2	30·2	31·0	31·0	31·5	31·5	31·9	31·9	31·0	31·0	27·2	27·2	25·5	25·5	22·0	22·0	21·1	21·0	31·9	19·8
30	26·3	26·3	27·0	27·0	26·7	26·7	28·0	28·0	30·8	30·8	32·0	32·0	32·4	32·2	32·2	32·2	32·2	32·2	31·5	31·5	30·5	30·2	27·7	27·7	32·4	24·1
31	31·3	31·3	32·1	32·1	32·9	32·3	33·0	32·5	33·5	33·5	33·7	33·7	34·5	34·5	34·8	34·9	35·7	35·7	35·6	35·6	36·0	36·0	37·6	37·6	37·6	28·8
MEAN	27·3	27·2	27·3	27·1	27·4	27·2	27·4	27·2	27·5	27·4	27·6	27·5	27·6	27·5	27·2	27·2	27·5	27·4	27·7	27·4	27·6	27·2	27·4	27·3	30·8	24·2

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	25·3	25·4	24·8	24·8	24·3	24·5	23·9	23·9	23·3	23·3	23·0	23·0	22·5	22·6	22·1	22·1	22·2	22·2	22·7	22·7	23·0	23·0	23·2	23·3	24·0	24·0
2	25·9	26·0	26·2	26·2	26·5	26·5	26·9	26·9	27·8	27·8	28·1	28·1	28·0	28·0	28·4	28·4	28·4	28·5	29·5	29·5	30·1	30·1	30·7	30·7	25·8	25·9
3	30·9	30·9	30·9	31·0	30·9	30·9	31·0	31·0	31·2	31·2	31·3	31·3	31·2	31·2	31·2	31·2	31·2	31·2	31·2	31·2	31·2	31·2	31·0	31·0	30·9	30·9
4	31·0	31·0	30·4	30·4	30·6	30·6	30·0	30·0	30·0	30·0	29·6	29·6	28·9	28·9	28·9	28·9	28·1	28·1	28·0	28·0	27·2	27·2	26·8	26·8	29·8	29·8
5	27·9	27·9	27·7	27·7	27·5	27·5	27·2	27·2	27·2	27·2	27·1	27·1	27·8	27·8	28·0	28·0	28·2	28·2	28·7	28·7	29·1	29·1	30·0	30·0	27·5	27·5
6	23·4	23·6	23·4	23·4	23·0	23·0	22·5	22·5	23·0	23·0	23·1	23·1	23·0	23·0	23·1	23·1	23·2	23·2	23·2	23·2	23·6	23·6	23·0	23·0	24·7	24·7
7	22·1	22·2	22·5	22·6	23·9	23·9	24·5	24·5	24·9	24·9	25·1	25·1	26·0	26·0	26·2	26·2	27·0	27·0	27·7	27·7	27·9	27·9	28·0	28·0	23·4	23·4
8	29·7	29·7	29·3	29·3	29·2	29·2	29·0	29·0	28·8	28·8	29·0	29·0	29·3	29·3	28·7	28·7	28·7	28·7	28·2	28·2	28·8	28·8	28·5	28·5	28·4	28·4
9	26·9	26·9	26·0	26·0	25·5	25·5	24·0	24·1	23·5	23·6	23·3	23·3	23·0	23·0	23·3	23·3	23·8	23·8	24·7	24·7	24·0	24·0	24·2	24·2	26·0	26·0
10	23·8	22·3	22·7	22·6	23·6	21·2	25·0	18·8	24·1	17·9	24·0	19·0	24·5	18·7	23·9	19·1	23·2	20·1	22·3	21·2	22·1	21·3	24·0	24·0	23·0	21·1
11	24·1	24·0	23·6	23·6	23·1	23·1	22·2	22·2	21·3	21·3	21·3	21·3	21·2	21·2	21·0	21·0	20·6	20·6	20·9	20·9	21·3	21·3	22·9	22·9	23·1	23·1
12	20·9	20·9	20·7	20·7	20·1	20·1	19·8	19·9	19·6	19·7	19·6	19·6	19·0	19·0	19·1	19·1	19·1	19·1	19·2	19·2	19·3	19·3	19·1	19·1	20·7	20·7
13	27·0	27·0	27·0	27·1	26·6	26·7	25·9	26·0	26·0	26·0	25·9	25·9	25·8	25·8	25·8	25·8	25·0	25·0	25·2	25·2	25·0	25·0	24·2	24·2	24·3	23·4
14	23·1	23·1	23·2	23·2	23·9	23·9	24·0	24·0	24·2	24·2	24·4	24·4	24·8	24·8	25·0	25·0	25·3	25·3	25·3	25·3	25·5	25·5	26·2	26·2	23·2	23·2
15	30·1	30·1	30·0	30·0	30·2	30·2	30·5	30·5	30·9	30·9	31·0	31·0	31·1	31·1	31·0	31·0	30·9	30·9	30·1	30·1	29·8	29·8	29·2	29·2	29·3	29·3
16	27·9	27·9	27·2	27·2	27·2	27·2	27·5	27·5	27·0	27·0	26·3	26·3	26·7	26·7	26·4	26·4	26·0	26·0	25·8	25·8	26·2	26·2	26·3	26·3	27·1	27·1
17	26·0	26·0	26·9	26·9	27·5	27·5	29·0	29·0	30·2	30·2	31·3	31·3	32·1	32·1	32·2	32·2	32·4	32·4	32·5	32·5	33·2	33·2	35·0	35·0	28·4	28·4
18	36·2	36·2	32·0	32·0	28·8	28·8	29·1	29·1	27·5	27·5	26·0	26·0	22·4	22·6	23·6	23·6	22·1	22·1	22·0	22·0	23·1	23·1	24·0	24·0	31·6	31·6
19	23·1	23·1	23·2	23·2	23·2	23·4	23·3	23·4	23·1	23·1	23·3	23·3	23·7	23·7	24·8	24·8	25·2	25·2	26·0	26·0	26·2	26·2	26·2	26·2	24·5	24·5
20	30·2	30·2	30·2	30·2	30·8	30·8	31·0	31·0	30·2	30·2	29·8	29·8	28·2	28·2	28·0	28·0	28·7	28·7	28·9	28·9	28·2	28·2	28·4	28·4	28·0	28·0
21	27·9	27·9	27·8	27·8	26·8	26·8	26·0	26·1	25·1	25·1	25·0	23·1	24·4	22·8	25·3	21·8	26·1	23·1	28·9	25·0	32·0	29·1	30·5	28·0	28·1	27·3
22	36·0	32·4	35·0	33·0	34·9	32·2	31·8	32·0	32·8	32·7	34·2	34·2	35·0	33·0	34·0	32·9	37·1	34·1	37·2	35·2	37·2	35·0	37·5	35·7	33·4	32·2
23	33·2	32·0	32·7	32·2	31·5	32·2	31·4	31·8	31·8	31·8	32·0	32·0	32·0	32·0	32·0	32·0	31·3	31·3	32·0	32·0	32·0	32·0	32·0	32·0	33·6	32·6
24	31·0	31·0	31·1	31·1	31·1	31·2	31·0	31·2	31·0	31·1	30·9	30·9	30·2	30·2	30·8	30·8	31·9	31·9	31·0	31·0	31·2	31·2	31·3	31·3	31·6	31·6
25	32·2	32·2	32·2	32·2	32·3	32·2	32·4	32·2	32·8	32·3	33·0	33·0	33·3	33·3	34·0	34·0	34·0	34·0	33·0	33·0	31·8	31·8	30·7	30·7	32·2	32·2
26	23·5	23·7	23·5	23·7	20·9	21·0	19·6	19·8	19·1	19·2	19·1	19·1	19·5	19·7	19·3	19·3	19·2	19·2	18·3	18·3	17·9	18·0	17·9	17·9	23·8	23·8
27	19·0	18·0	19·1	18·8	20·1	20·1	20·2	20·2	23·6	23·6	25·1	25·1	27·0	27·0	28·7	28·7	29·0	29·0	29·1	29·1	29·9	29·9	30·2	30·2	21·4	21·2
28	32·0	32·0	32·0	32·0	31·3	31·5	30·8	31·0	30·1	30·1	30·7	30·7	31·0	31·0	30·8	30·8	31·1	31·1	30·3	30·3	30·3	30·3	30·1	30·1	31·0	31·0
29	21·2	21·2	20·5	20·4	19·8	19·8	20·7	20·7	20·1	20·1	21·6	21·6	21·9	21·9	22·2	22·2	22·5	22·5	23·2	23·2	24·3	24·3	25·2	25·2	25·2	25·2
30	27·6	27·3	27·0	27·0	25·9	25·9	25·3	25·3	24·9	24·9	24·1	24·1	24·5	24·5	24·8	24·8	25·7	25·7	26·8	26·8	28·7	28·7	29·8	29·8	28·0	28·0
31	36·9	36·9	36·5	36·5	36·5	36·5	35·5	35·5	32·3	32·3	31·7	32·1	30·2	30·2	30·0	30·0	30·1	30·1	29·8	29·8	28·8	28·8	29·2	29·2	33·3	33·2
MEAN	27·6	27·4	27·3	27·2	27·0	26·9	26·8	26·7	26·7	26·5	26·8	26·6	26·7	26·4	26·9	26·6	27·0	26·7	27·2	26·9	27·4	27·2	27·6	27·5	27·3	27·1

TEMPERATURE. DRY AND WET BULBS. FEBRUARY 1889.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	29·0	29·0	28·2	28·2	25·1	25·1	34·0	28·6	34·0	28·8	29·8	29·8	33·2	32·8	35·5	35·5	36·0	36·0	36·3	36·3	36·3	36·3	35·2	35·2	**36·3**	18·8
2	18·0	18·0	17·2	17·2	16·7	16·7	16·7	16·7	16·8	16·8	16·3	16·3	16·2	16·2	16·3	16·3	15·8	15·8	16·2	16·2	15·8	15·8	15·9	15·8	21·2	14·9
3	22·0	22·0	22·0	22·0	22·0	22·0	22·1	22·1	22·0	22·0	21·4	21·4	21·2	21·2	21·7	21·7	22·0	22·0	22·8	22·8	23·0	23·0	22·0	22·0	23·1	17·7
4	16·9	16·9	17·2	17·2	17·9	17·9	18·2	18·2	18·5	18·5	18·6	18·6	18·7	18·7	18·0	18·0	18·0	18·0	17·9	17·9	18·0	18·0	18·8	18·8	21·8	16·9
5	22·4	22·3	23·4	23·4	24·0	24·0	25·1	25·1	26·0	26·0	28·8	28·8	29·7	29·7	29·8	29·8	28·0	28·0	26·2	26·3	25·9	25·9	26·3	26·3	29·8	22·0
6	22·3	22·3	22·4	22·4	22·1	22·1	22·1	22·1	22·1	22·1	22·0	22·0	21·1	21·1	21·0	21·0	21·0	21·0	20·7	20·8	20·6	20·8	22·0	22·0	22·4	17·6
7	18·4	18·4	17·2	17·2	15·1	15·1	14·0	14·0	13·0	13·0	12·7	12·7	11·4	11·4	11·0	11·0	11·2	11·2	11·5	11·5	11·2	11·2	12·7	12·8	26·0	11·0
8	26·1	26·1	27·2	27·2	27·0	27·0	25·9	25·9	23·3	23·4	20·2	20·5	17·2	17·2	14·0	14·0	13·9	13·8	15·6	15·5	14·9	14·9	15·1	15·0	27·2	13·0
9	12·5	12·5	11·0	11·0	10·2	10·2	9·9	9·9	9·1	9·1	8·2	8·2	8·1	8·0	8·0	8·0	8·4	8·4	9·0	9·0	9·1	9·1	8·4	8·7	12·5	8·0
10	7·8	7·8	8·0	8·0	8·2	8·1	7·6	7·6	7·6	7·6	7·3	7·3	6·4	6·4	7·0	6·4	7·7	6·0	12·1	8·8	11·2	9·1	12·1	10·9	13·3	**6·4**
11	11·3	11·3	11·6	11·6	12·0	12·0	12·0	12·0	12·0	12·0	11·8	11·9	11·5	11·7	12·2	12·2	12·6	12·7	13·0	13·0	13·4	13·6	14·0	14·0	15·0	11·3
12	14·4	14·4	14·6	14·6	15·2	15·1	15·4	15·4	15·4	15·4	14·3	14·5	15·2	15·3	16·7	16·9	18·3	18·3	20·8	20·7	21·6	21·5	21·4	21·4	24·3	14·3
13	23·3	23·3	23·1	23·1	23·1	23·1	23·7	23·7	24·8	24·8	25·3	25·2	26·8	26·8	26·5	26·5	23·9	24·0	24·9	24·9	25·0	25·0	25·1	25·1	33·3	23·1
14	26·2	26·2	25·1	25·1	23·3	23·6	21·9	22·0	21·2	21·2	20·6	20·9	21·1	21·1	20·8	20·9	21·2	21·2	20·4	20·7	20·8	20·9	21·2	21·2	26·2	19·1
15	19·2	19·2	19·2	19·3	18·8	19·0	18·9	19·0	19·0	19·0	18·1	18·1	18·0	18·1	17·6	18·0	17·4	17·8	17·1	17·5	16·7	17·0	17·5	17·5	19·2	14·1
16	18·0	14·7	16·1	15·0	16·3	16·9	16·1	16·2	17·8	18·0	20·1	20·1	21·3	21·2	23·2	23·2	26·9	26·9	27·6	27·6	30·8	30·8	32·0	32·0	32·0	16·1
17	28·2	28·2	28·2	28·2	25·9	26·0	30·7	26·1	30·1	24·9	30·1	25·3	35·2	33·8	34·5	34·5	34·5	34·5	35·0	35·0	35·2	35·2	35·0	35·0	**36·3**	25·9
18	35·9	35·9	36·0	36·0	35·7	35·7	35·8	35·8	35·2	35·2	35·2	35·2	36·3	36·3	35·4	35·4	34·7	34·7	34·6	34·6	34·0	34·0	33·9	33·9	**36·3**	28·4
19	25·9	25·9	24·1	24·1	24·3	24·3	24·2	24·2	24·0	24·0	24·4	24·4	23·8	24·0	23·5	23·6	24·1	24·1	23·6	23·8	23·9	24·0	23·8	23·8	25·9	23·5
20	25·0	25·0	25·0	25·0	24·2	24·2	25·0	25·0	25·1	25·1	25·5	25·5	26·1	26·1	26·3	26·3	26·9	26·9	27·7	27·7	27·3	27·3	26·6	26·6	27·7	24·2
21	25·2	25·2	25·2	25·2	24·3	24·3	23·3	23·3	21·0	21·0	20·1	20·1	19·4	19·6	19·7	19·8	19·9	20·0	20·1	20·1	20·2	20·3	20·9	21·0	25·2	19·4
22	23·4	20·9	23·3	21·0	23·9	21·1	23·1	23·1	25·3	25·8	29·0	29·0	30·4	30·4	31·0	31·0	31·5	31·5	31·8	31·8	32·2	32·2	32·1	32·1	33·5	23·1
23	30·1	30·1	29·2	29·2	28·8	28·8	27·4	27·7	25·8	25·8	25·0	23·5	25·0	20·5	24·0	19·5	22·1	19·7	19·6	20·1	20·0	20·4	20·3	21·0	30·1	19·5
24	20·4	20·8	21·0	21·1	22·1	22·1	22·1	22·1	22·1	22·3	22·1	22·1	21·6	21·8	21·2	21·5	21·1	21·3	20·6	20·9	19·6	20·0	20·3	20·0	25·2	18·9
25	22·3	22·5	23·0	23·0	23·2	23·5	22·4	22·8	24·0	24·0	24·1	24·1	24·2	24·2	25·0	25·0	25·7	25·7	26·0	26·0	25·8	25·8	26·0	26·0	26·3	21·4
26	21·4	21·4	21·3	21·3	21·1	21·1	20·4	20·7	20·2	20·3	20·1	20·1	19·1	19·2	18·2	18·6	18·6	18·8	18·9	19·0	19·1	19·1	20·1	20·3	21·4	17·2
27	18·2	18·2	17·5	17·5	16·7	16·7	16·2	16·2	15·6	15·6	15·0	15·0	14·9	14·9	15·0	15·0	15·2	15·5	16·1	15·9	16·8	16·1	17·3	16·3	18·3	14·1
28	16·2	16·2	15·9	15·9	16·1	16·1	16·3	16·3	16·6	16·6	15·4	15·4	15·8	15·8	15·9	15·9	16·6	16·6	16·1	16·1	16·8	16·8	17·0	17·0	17·0	13·9
MEAN	21·4	21·2	21·2	21·1	20·8	20·8	21·1	20·8	21·0	20·7	20·8	20·6	21·0	20·8	21·0	20·9	21·2	21·1	21·5	21·4	21·6	21·6	21·9	21·8	25·2	17·6

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	33·2	33·2	30·9	30·9	29·2	29·2	28·5	28·5	25·9	25·9	25·0	25·0	23·9	23·9	22·5	22·5	20·2	20·2	19·8	19·8	20·0	20·0	18·8	18·8	28·8	28·3
2	16·1	16·0	15·9	15·8	14·9	14·9	15·0	15·0	15·7	15·7	17·0	16·9	17·2	17·2	18·0	18·0	18·2	18·2	19·2	19·2	20·0	20·0	21·2	21·2	16·9	16·9
3	23·1	23·1	23·1	23·1	22·8	22·8	22·0	22·0	21·5	21·5	21·0	21·0	20·4	20·4	19·8	19·8	19·0	19·0	17·9	17·9	17·7	17·7	17·8	17·8	21·3	21·3
4	18·9	18·9	19·3	19·3	18·5	18·6	17·7	17·8	17·9	18·0	18·2	19·0	18·5	19·0	19·3	19·3	19·9	19·9	20·3	20·3	21·1	21·1	21·8	21·8	18·7	18·7
5	25·8	25·8	25·2	25·2	25·0	25·0	24·1	24·1	24·0	24·0	23·7	23·7	23·2	23·3	22·8	22·8	23·4	23·4	22·2	22·2	23·0	23·0	22·0	22·0	25·0	25·0
6	20·6	20·6	20·3	20·6	19·8	20·0	19·6	19·8	19·3	19·6	18·4	19·0	20·3	20·0	21·3	18·7	18·3	18·2	17·6	17·6	18·0	18·0	20·0	20·0	20·5	20·5
7	13·4	13·5	14·0	14·1	15·6	15·5	15·6	15·5	16·0	15·9	17·9	17·9	20·4	20·4	22·3	22·3	23·6	23·6	25·0	25·0	25·8	25·8	26·0	26·0	16·5	16·5
8	17·2	17·2	17·9	17·9	17·0	17·0	17·8	17·8	17·0	17·0	17·0	17·0	16·3	16·2	16·0	16·0	15·1	15·1	15·1	15·1	13·9	13·9	13·0	13·0	18·1	18·1
9	9·2	9·2	9·4	9·6	9·5	9·7	9·2	9·2	9·0	8·9	8·3	8·2	8·6	8·7	8·9	8·9	8·8	8·8	9·1	9·1	9·0	9·0	8·1	8·1	9·1	9·1
10	13·3	11·4	13·2	12·7	12·3	12·5	12·1	12·1	12·8	12·9	12·4	12·8	13·3	13·3	13·2	13·2	13·2	13·2	12·3	12·5	12·2	12·3	12·3	12·3	10·6	10·2
11	14·4	14·6	15·0	15·0	14·2	14·2	14·5	14·5	14·5	14·5	14·3	14·3	14·3	14·3	14·0	14·0	14·2	14·2	14·4	14·4	14·7	14·7	14·6	14·6	13·4	13·4
12	22·1	22·1	24·1	24·1	24·3	24·3	24·1	24·0	23·6	23·6	23·9	23·9	23·8	23·8	23·4	23·4	23·2	23·2	23·0	23·0	23·1	23·1	23·2	23·2	20·2	20·2
13	25·6	25·6	25·6	25·6	25·5	25·5	25·0	25·0	24·9	24·9	25·0	25·0	26·0	26·0	31·2	31·2	32·2	32·2	33·3	33·3	32·1	32·1	28·4	28·4	26·3	26·3
14	21·9	21·9	21·3	21·3	21·3	21·5	20·8	20·9	20·1	20·1	19·9	19·9	20·0	20·0	19·7	19·8	20·1	20·1	19·6	19·6	19·1	19·1	19·1	19·2	21·1	21·2
15	18·0	18·0	17·0	17·0	17·0	17·0	16·9	16·9	16·0	16·0	16·0	16·0	15·8	15·8	15·2	15·2	14·4	14·4	14·1	14·1	14·2	14·2	16·5	14·1	17·0	17·0
16	31·3	31·3	30·3	30·3	29·6	29·6	29·9	29·9	30·0	30·0	29·4	29·5	29·1	29·1	28·7	28·7	28·7	28·7	28·2	28·2	28·2	28·2	28·2	28·2	25·7	25·6
17	35·7	35·7	36·1	36·1	36·3	36·3	36·1	36·1	36·0	36·0	35·9	35·9	35·8	35·8	36·1	36·1	36·1	36·1	35·2	35·2	36·1	36·1	36·0	36·0	33·9	33·3
18	33·7	33·7	33·3	33·3	33·3	33·2	33·4	33·3	33·4	33·3	33·2	33·2	33·6	33·6	33·2	33·2	31·2	32·0	30·2	30·2	30·0	30·0	28·4	28·4	33·7	33·7
19	24·6	24·6	24·0	24·0	24·5	24·5	24·9	24·9	24·8	24·8	24·2	24·2	24·4	24·4	24·2	24·2	24·1	24·1	24·9	24·9	25·1	25·1	25·0	25·0	24·3	24·4
20	27·6	27·6	26·6	26·6	26·4	26·4	26·0	26·0	25·8	25·8	25·6	25·6	25·1	25·1	25·4	25·4	25·1	25·1	25·1	25·1	25·1	25·1	25·3	25·3	25·8	25·8
21	21·2	21·2	20·5	20·8	21·3	21·6	21·1	20·3	21·3	19·6	22·1	19·8	22·8	20·8	22·2	20·1	23·2	20·6	23·3	20·8	23·3	20·8	23·1	20·8	21·9	21·1
22	32·2	32·2	33·0	33·0	33·5	33·5	33·1	33·1	32·6	32·6	32·9	32·9	32·9	32·9	32·1	32·1	32·1	32·1	32·0	32·0	32·0	32·0	31·2	31·2	30·3	30·0
23	20·1	20·9	20·3	20·9	20·4	21·0	20·9	21·2	20·0	20·2	19·5	19·8	19·9	19·9	20·2	20·4	20·4	20·8	20·5	20·5	20·4	20·6	20·4	20·6	22·5	22·2
24	20·1	19·9	22·1	22·1	22·0	22·0	19·9	20·1	18·9	18·5	20·1	18·1	21·9	18·1	23·2	18·0	25·2	18·4	21·1	19·0	23·9	20·1	24·4	22·0	21·5	20·5
25	26·1	26·1	26·3	26·3	25·9	26·0	23·9	24·0	22·6	22·7	22·3	22·3	22·1	22·1	21·9	21·9	21·4	21·4	21·6	21·6	21·6	21·6	21·8	21·8	23·7	23·8
26	19·9	19·9	18·4	18·5	17·8	17·8	17·7	17·4	17·3	17·8	17·2	17·1	17·5	17·5	17·2	17·2	18·0	18·0	18·2	18·2	18·2	18·2	18·8	18·8	18·9	19·0
27	17·8	16·4	18·3	16·8	17·4	15·5	15·5	16·0	15·1	15·1	15·0	15·0	16·0	16·0	15·8	15·8	15·1	15·0	14·1	14·1	14·2	14·2	15·3	15·3	16·0	15·8
28	16·9	16·9	17·0	17·0	16·7	16·7	16·6	16·5	16·1	16·0	15·5	15·5	15·0	15·0	15·0	15·0	15·0	15·0	14·9	14·9	14·2	14·2	13·9	13·9	15·9	15·9
MEAN	22·1	22·1	22·1	22·1	21·9	21·8	21·5	21·5	21·1	21·1	21·1	21·0	21·4	21·2	21·5	21·2	21·4	21·1	21·2	21·0	21·3	21·1	21·2	21·0	21·3	21·2

TEMPERATURE. DRY AND WET BULBS. MARCH 1889.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	13·8	13·8	14·0	14·0	14·1	14·1	14·6	14·6	15·0	15·0	15·0	15·0	14·6	14·6	15·0	15·0	15·3	15·3	15·3	15·2	16·1	16·0	16·5	16·5	16·5	13·0
2	13·1	13·0	13·3	13·6	13·4	13·4	13·2	13·2	12·4	12·8	11·7	11·8	11·5	11·1	11·9	11·3	12·5	12·1	12·9	12·5	12·2	12·9	13·2	13·4	13·4	11·2
3	12·0	12·0	11·9	11·9	11·6	11·9	12·1	12·0	12·2	12·2	11·7	11·9	10·4	10·6	11·1	11·2	12·7	13·0	12·9	13·2	13·3	13·8	13·3	13·7	14·3	10·4
4	10·6	10·9	10·4	10·8	10·3	10·5	10·1	10·1	10·1	10·1	10·3	10·5	10·0	10·0	10·2	10·5	11·2	11·7	12·0	12·5	12·8	13·0	13·9	14·2	14·9	10·0
5	13·1	13·1	13·4	13·4	13·5	13·7	14·0	14·0	14·2	14·2	14·8	14·8	14·2	14·2	14·1	14·1	15·2	15·2	16·0	16·0	16·8	16·8	17·6	17·6	23·3	13·1
6	23·2	23·2	23·3	23·3	23·1	23·1	23·1	23·1	23·2	23·2	23·1	23·1	23·1	23·0	23·3	23·2	23·9	23·9	24·3	24·3	24·8	24·8	24·4	24·4	24·8	21·6
7	22·2	22·2	21·3	21·4	21·6	21·6	21·6	21·6	22·3	22·3	22·8	22·8	22·5	22·5	23·1	23·1	23·7	23·8	23·8	23·8	24·2	24·3	24·7	24·9	26·0	21·3
8	21·2	21·2	21·1	21·2	19·8	19·9	20·1	20·1	20·1	20·1	21·0	21·0	20·8	20·8	21·8	21·9	22·2	22·3	22·6	22·8	23·3	23·5	23·9	24·1	24·0	19·8
9	21·4	21·4	21·1	21·1	20·8	20·8	21·1	21·1	21·2	21·2	20·9	20·9	20·3	20·3	20·2	20·2	20·3	20·3	20·9	20·9	21·3	21·3	20·8	20·8	21·4	19·1
10	20·1	20·1	21·1	21·1	21·0	21·0	20·9	20·9	20·1	20·1	20·2	20·2	20·5	20·5	20·2	20·2	21·1	21·1	22·1	22·1	22·4	22·4	22·1	22·1	23·2	17·4
11	17·2	17·1	16·8	16·7	16·5	16·7	17·1	17·1	17·3	17·6	17·8	17·9	17·3	17·5	17·8	17·9	18·2	18·3	18·1	18·2	18·3	19·0	19·8	19·0	29·9	16·5
12	30·2	30·2	30·8	30·8	30·7	30·7	31·0	31·0	30·8	30·8	31·3	31·3	32·0	32·0	32·1	32·1	32·6	32·2	32·8	32·3	33·0	33·0	33·0	33·1	35·0	30·2
13	30·0	30·0	30·4	30·4	30·2	30·2	28·9	28·9	29·0	29·0	29·0	29·0	29·0	29·0	29·3	29·3	29·3	29·3	29·0	29·0	29·0	29·0	29·4	29·4	30·4	25·2
14	27·2	27·2	27·8	27·8	27·0	27·0	27·6	27·6	29·8	29·8	29·9	29·9	31·2	31·2	31·1	31·1	31·9	31·9	32·2	32·2	32·7	32·2	32·8	32·2	33·0	27·0
15	31·8	31·8	31·9	31·9	31·8	31·8	31·8	31·8	31·6	31·6	31·3	31·3	31·2	31·2	31·0	31·0	31·0	31·0	31·1	31·1	31·0	31·0	31·3	31·6	31·9	28·4
16	29·2	29·2	30·3	30·3	31·0	31·0	32·2	32·0	32·0	32·0	32·2	32·2	32·2	32·2	31·3	31·2	29·7	29·9	29·7	29·9	30·4	30·6	29·2	29·2	32·2	25·9
17	26·8	26·8	27·4	27·4	27·9	27·9	29·1	29·1	29·2	29·1	30·0	30·0	31·0	31·0	31·2	31·1	31·6	31·3	31·9	31·9	32·0	32·0	32·0	32·0	32·0	26·8
18	29·3	29·3	29·0	29·0	28·5	28·7	28·0	28·1	28·0	28·0	27·1	27·2	26·9	27·0	27·8	27·9	28·0	28·0	28·5	28·5	28·5	28·6	28·1	28·1	29·3	24·2
19	24·1	24·3	25·2	25·2	24·4	24·4	24·6	24·7	24·5	24·5	24·7	24·7	24·8	24·8	24·7	24·7	24·7	24·7	24·6	24·7	24·4	24·5	24·0	24·2	25·2	23·9
20	23·8	23·8	23·0	23·0	23·0	23·0	23·0	23·0	23·0	23·0	23·2	23·2	22·7	22·7	22·8	22·8	22·1	22·1	20·9	21·0	20·4	20·4	20·0	20·0	23·8	13·1
21	13·5	13·5	13·3	13·3	13·0	13·0	12·4	12·4	12·2	12·2	12·2	12·2	12·0	12·0	12·9	12·9	13·6	13·5	13·6	13·6	13·2	14·0	14·2	14·7	20·0	12·0
22	20·0	20·0	21·8	21·7	22·9	22·8	24·1	24·0	24·8	24·8	25·0	25·0	25·5	25·5	25·9	25·9	26·5	26·5	26·8	26·8	27·0	27·0	26·3	26·3	28·4	20·0
23	26·7	26·7	27·1	27·1	27·1	27·1	27·1	27·1	27·9	27·9	28·1	28·1	28·8	28·8	30·0	30·0	31·0	31·0	31·9	31·9	32·0	32·0	32·7	32·2	36·0	26·7
24	35·3	35·3	35·2	35·2	36·5	36·5	35·7	35·7	36·3	36·3	36·2	36·2	35·7	35·7	35·9	35·9	36·1	36·1	36·7	36·7	37·0	37·0	37·2	37·2	38·1	35·2
25	35·9	35·9	35·3	35·6	35·0	35·0	31·4	32·3	29·6	29·7	29·0	29·0	28·4	28·4	28·8	28·8	28·0	28·1	27·8	27·8	28·3	28·3	28·2	28·2	35·9	21·6
26	20·3	20·3	20·3	20·3	20·2	20·2	19·3	19·3	19·0	19·0	18·8	18·9	18·7	18·8	18·6	18·7	19·1	19·2	19·9	19·9	20·0	20·0	19·8	19·8	20·3	14·8
27	14·0	14·1	20·1	16·1	20·9	16·3	21·7	16·9	23·1	18·4	24·5	18·2	25·1	17·8	26·0	18·8	28·5	22·1	31·1	22·8	33·1	24·2	30·8	21·4	33·1	14·0
28	25·4	25·8	27·1	27·1	29·7	29·7	28·3	28·3	30·1	30·1	30·2	30·2	32·2	32·1	34·6	34·5	37·5	37·5	38·8	38·7	38·5	38·5	39·0	39·0	40·7	25·4
29	35·8	35·8	34·1	34·1	33·9	33·9	32·8	32·8	32·9	32·9	32·8	32·8	32·3	32·3	32·1	32·2	31·8	32·2	32·1	32·2	32·2	32·2	32·3	32·3	36·9	31·8
30	34·8	34·8	34·7	34·7	33·7	33·7	33·0	33·0	32·9	32·9	32·3	32·3	32·7	32·7	32·2	32·2	32·0	32·2	31·0	32·2	29·5	29·8	29·8	30·0	34·8	26·0
31	26·0	26·0	25·7	25·8	26·0	26·0	25·1	25·1	25·3	25·3	25·0	25·0	25·6	25·7	25·8	25·8	26·6	26·6	27·5	27·5	28·0	28·0	28·2	28·2	29·1	25·0
MEAN	23·5	23·5	23·8	23·7	23·8	23·7	23·7	23·6	23·9	23·7	23·9	23·8	24·0	23·7	24·3	24·0	24·8	24·6	25·1	24·9	25·3	25·2	25·4	25·2	27·7	21·0

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	16·1	16·1	16·2	16·1	15·7	15·7	15·9	15·9	16·0	16·0	15·3	15·3	15·2	15·2	15·2	15·2	15·1	15·1	14·3	14·3	13·0	13·0	13·4	13·3	15·0	15·0
2	12·8	13·3	12·9	13·2	13·2	13·7	12·2	12·9	12·0	12·2	11·2	11·3	11·9	11·9	12·1	12·1	12·1	12·1	12·1	12·1	12·2	12·2	12·1	12·2	12·4	12·5
3	14·3	14·9	14·1	14·2	14·1	14·2	13·2	13·4	13·1	13·2	13·0	13·0	12·8	12·9	12·4	12·7	11·8	12·1	11·4	11·8	11·0	11·1	10·8	11·0	12·4	12·6
4	14·4	14·4	14·9	15·0	14·4	14·8	13·9	14·2	12·6	13·0	12·4	12·7	12·2	12·2	11·6	12·0	10·6	10·8	11·6	11·8	12·0	12·0	13·1	13·1	11·9	12·1
5	18·1	18·1	21·3	21·3	22·1	22·1	22·1	22·0	22·0	22·0	21·9	21·9	21·4	21·4	22·1	22·1	22·3	22·3	22·9	22·9	23·2	23·2	23·3	23·3	18·3	18·3
6	24·2	24·2	23·5	23·7	24·1	24·1	23·3	23·8	22·6	22·8	22·3	22·3	22·1	22·1	22·1	22·1	22·1	22·1	22·9	22·9	22·5	22·7	21·6	21·7	23·2	23·2
7	26·0	26·1	24·5	24·9	24·1	24·5	23·4	23·8	23·1	23·1	22·3	22·3	21·9	21·9	22·1	22·1	22·2	22·2	22·3	22·3	22·2	22·2	21·3	21·5	22·9	23·0
8	24·0	24·2	23·7	23·7	22·6	22·7	22·2	22·2	23·2	23·5	22·1	22·1	22·2	22·2	22·1	22·1	21·7	21·7	21·4	21·4	21·0	21·0	21·2	21·2	21·9	22·0
9	21·2	21·2	20·9	20·9	20·3	20·3	20·8	20·8	20·1	20·1	20·7	20·7	21·1	21·1	20·6	20·6	21·0	21·0	20·1	20·1	19·1	19·1	19·2	19·2	20·6	20·6
10	23·2	23·2	21·9	21·9	21·1	21·1	21·9	21·9	20·0	20·0	20·2	20·2	20·9	20·9	20·0	20·0	19·0	19·0	19·9	19·9	18·7	18·7	17·4	17·4	20·7	20·7
11	21·3	19·0	22·0	21·0	22·9	22·1	22·0	22·0	22·0	22·1	21·1	21·1	24·1	24·1	25·0	25·0	26·1	26·1	27·7	27·7	29·1	29·1	29·9	29·9	21·1	20·9
12	32·9	32·9	32·9	32·9	33·0	33·0	33·1	33·1	33·0	33·0	33·1	33·1	33·8	33·8	34·1	34·1	35·0	35·0	35·0	35·0	34·0	34·0	32·0	32·0	32·6	32·6
13	28·9	28·9	28·6	28·6	28·0	28·0	27·0	27·1	26·3	26·6	26·4	26·5	26·0	26·0	25·5	25·5	25·2	25·3	25·4	25·6	25·4	25·7	26·0	26·0	28·0	28·0
14	33·0	33·0	33·0	33·0	32·7	32·7	32·3	32·3	32·3	32·3	32·0	32·1	31·3	32·0	31·0	31·0	31·0	31·0	31·0	31·0	31·1	31·1	31·2	31·2	31·0	31·0
15	31·3	31·8	31·1	31·3	31·5	31·5	31·7	31·7	31·8	31·8	30·0	30·1	29·2	29·2	28·4	28·4	28·8	28·8	29·0	29·0	29·2	29·2	29·1	29·1	30·7	30·8
16	28·9	29·1	28·0	28·0	28·2	28·4	27·8	27·9	27·2	27·3	26·4	26·7	26·2	26·2	26·1	26·1	25·9	26·0	26·0	26·0	26·0	26·0	26·2	26·2	28·8	28·9
17	31·9	31·9	32·0	32·0	31·5	31·7	31·1	31·2	30·6	30·8	30·4	30·4	30·2	30·2	30·0	30·0	30·1	30·1	30·2	30·2	29·2	29·2	29·3	29·3	30·3	30·3
18	28·0	28·1	27·8	27·9	28·0	28·3	27·1	27·6	25·1	25·4	24·7	24·9	24·4	24·7	24·8	24·9	24·4	24·5	24·2	24·6	24·2	24·2	24·2	24·2	26·9	27·0
19	23·9	23·9	24·2	24·2	24·0	24·0	24·3	24·3	24·3	24·3	24·2	24·2	24·6	24·6	24·5	24·5	24·2	24·2	24·2	24·2	24·1	24·1	24·0	24·0	24·4	24·4
20	19·6	19·6	19·7	19·7	18·8	18·8	18·7	18·7	17·2	17·2	16·4	16·4	14·3	14·3	14·0	14·0	13·8	13·8	14·4	14·4	14·1	14·1	13·1	13·1	19·2	19·3
21	15·9	16·0	16·4	17·0	16·4	16·7	16·1	16·6	15·4	16·0	15·8	15·9	15·1	15·1	15·2	15·2	15·2	15·3	16·9	17·0	18·6	18·8	20·0	20·0	14·7	14·9
22	28·0	28·0	28·4	28·6	26·8	26·9	27·1	27·1	26·9	26·9	26·9	26·9	27·1	27·1	26·3	26·6	27·0	27·0	26·6	26·7	27·0	27·0	26·3	26·3	25·9	25·9
23	33·0	33·0	33·8	33·8	34·9	34·9	35·5	35·5	35·9	35·9	35·7	35·7	35·3	35·3	35·0	35·0	35·4	35·4	36·0	36·0	35·8	35·8	35·2	35·2	32·2	32·1
24	37·8	37·8	38·1	38·1	37·9	37·9	37·7	37·7	36·9	36·9	36·3	36·3	36·2	36·1	35·8	35·8	35·8	35·8	36·0	36·0	36·1	36·1	36·0	36·0	36·4	36·4
25	27·2	27·2	27·4	27·4	26·6	26·7	26·0	26·1	25·0	25·0	25·1	25·1	24·8	24·8	25·0	25·0	24·6	24·7	23·8	23·8	22·6	22·6	21·6	21·6	27·7	27·8
26	19·8	19·8	19·8	19·8	19·7	19·8	19·0	19·1	18·3	18·6	18·3	18·3	17·2	17·2	16·4	16·4	16·0	16·0	15·3	15·3	14·9	14·9	14·8	14·8	18·5	18·5
27	29·8	21·4	28·0	21·0	29·0	22·0	27·0	19·8	26·6	19·3	26·2	19·0	26·2	18·8	25·6	19·7	28·3	18·0	24·0	20·7	24·9	22·2	25·0	25·0	25·8	19·8
28	39·4	39·4	40·3	40·4	40·7	40·7	39·1	39·3	38·9	38·9	39·0	39·0	39·4	39·4	38·0	38·0	38·2	38·2	37·8	37·8	37·4	37·6	36·8	36·8	35·7	35·7
29	33·2	33·1	33·9	33·9	34·2	34·2	35·0	35·0	36·3	36·3	36·4	36·4	35·2	35·2	36·0	36·1	36·2	36·2	36·9	36·9	35·4	35·4	35·1	35·1	34·1	34·1
30	29·1	29·2	29·0	29·0	28·7	29·0	28·6	28·7	28·2	28·3	27·0	27·1	27·1	27·1	27·1	27·2	26·8	26·9	27·0	27·0	26·3	26·5	26·0	26·0	30·0	30·1
31	28·9	28·9	29·1	29·1	28·8	28·8	28·8	28·8	27·9	27·9	27·2	27·2	26·7	26·7	28·0	28·0	28·2	28·2	27·9	27·9	26·0	26·1	26·0	26·0	27·0	27·0
MEAN	25·7	25·4	25·7	25·5	25·6	25·5	25·3	25·2	24·9	24·7	24·5	24·3	24·4	24·2	24·3	24·1	24·3	24·0	24·3	24·3	24·1	24·0	23·9	23·9	24·5	24·4

TEMPERATURE. DRY AND WET BULBS. APRIL 1889.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	25·8	25·8	24·4	24·4	24·4	24·4	25·1	25·1	25·2	25·2	25·2	25·2	25·5	25·5	24·4	24·5	25·3	25·3	24·2	24·3	25·1	25·1	24·3	24·3	25·8	19·2
2	18·1	18·2	18·2	18·3	18·1	18·2	16·8	17·0	16·9	17·0	17·2	17·5	17·1	17·3	17·3	17·7	17·6	17·8	18·0	18·0	19·1	19·0	19·9	19·8	20·3	16·8
3	15·2	15·7	17·3	17·4	25·3	22·6	26·2	24·0	24·0	21·5	26·2	26·2	26·2	26·2	24·8	24·9	25·0	25·1	24·7	25·0	25·0	25·1	23·1	23·1	26·2	**15·2**
4	22·0	22·0	22·2	22·2	23·8	23·8	23·1	23·1	24·0	24·0	23·2	23·2	23·4	23·4	23·2	23·2	23·6	23·6	23·8	23·8	24·0	24·0	24·0	24·0	24·0	21·8
5	22·0	22·0	21·9	21·9	22·0	22·0	22·0	22·0	22·3	22·3	22·8	22·8	23·2	23·2	24·0	24·0	23·9	23·9	24·9	24·9	25·5	25·2	24·8	24·8	25·5	19·0
6	18·3	18·3	19·3	19·3	20·0	20·0	20·8	20·9	21·5	21·5	21·8	21·8	22·5	22·5	21·7	21·8	21·3	21·3	22·2	22·3	23·3	23·4	23·9	23·9	24·2	18·3
7	22·4	22·4	22·7	22·7	22·8	22·8	22·5	22·5	22·8	22·8	22·6	22·6	22·8	22·8	23·0	23·0	23·2	23·2	23·9	23·9	24·2	24·2	24·5	24·3	24·5	22·1
8	22·2	22·2	22·4	22·4	22·5	22·5	22·5	22·5	22·8	22·9	23·0	23·0	23·3	23·3	23·9	23·9	24·8	24·8	24·9	24·9	25·6	25·6	25·4	25·4	25·7	21·4
9	21·8	21·8	21·8	21·8	20·8	20·8	20·2	20·2	20·0	20·0	20·3	20·3	20·6	20·7	20·8	21·0	22·1	22·2	22·6	22·8	23·0	23·2	22·4	22·7	23·0	19·9
10	19·9	19·9	20·1	20·2	19·5	19·7	19·6	19·8	19·8	19·9	19·9	20·0	20·0	20·0	20·3	20·2	20·1	20·5	20·9	21·1	22·3	22·3	23·8	23·8	26·0	19·5
11	23·0	23·0	22·3	22·3	22·1	22·1	22·1	22·1	22·3	22·3	22·1	21·9	23·0	21·3	24·1	22·8	24·2	23·0	24·0	23·7	25·0	24·2	24·9	24·9	26·0	22·1
12	25·5	25·5	26·3	26·3	26·5	26·5	26·2	26·2	25·5	25·5	25·8	25·8	25·8	25·8	26·0	25·4	25·3	25·7	26·0	26·2	26·3	26·8	26·2	26·9	27·0	22·4
13	23·0	23·0	23·2	22·1	23·7	21·6	22·2	21·9	21·7	21·8	21·3	21·5	21·2	21·3	22·0	22·0	21·2	21·4	20·6	20·9	21·2	21·6	22·1	22·1	23·7	17·0
14	17·2	17·3	17·5	17·5	17·9	18·0	18·0	18·0	17·6	17·7	17·2	17·3	20·5	19·8	24·6	22·0	23·0	21·7	25·0	22·9	25·3	25·0	24·9	24·1	29·1	17·2
15	25·2	25·2	25·2	25·2	25·0	25·0	24·2	24·2	22·6	22·8	23·2	23·2	22·7	22·9	23·0	23·3	24·8	24·8	24·5	24·9	25·3	25·7	26·7	26·8	26·9	22·6
16	26·1	26·1	26·6	26·6	26·5	26·5	26·4	26·4	26·7	26·7	26·5	26·5	27·0	27·0	26·9	26·9	26·9	26·9	27·7	27·7	28·0	28·0	29·0	29·0	36·0	26·1
17	35·9	35·9	37·0	37·0	36·2	36·2	36·8	36·8	37·0	37·0	36·2	36·2	37·2	37·2	38·9	38·9	38·7	38·7	37·2	37·2	36·0	36·2	36·4	36·4	**43·7**	35·9
18	41·2	32·1	40·2	31·0	38·0	30·3	36·7	30·6	36·3	29·1	36·9	31·3	38·0	30·5	32·2	29·5	28·5	28·9	29·2	29·4	29·5	30·0	30·2	30·3	41·2	28·5
19	30·0	30·0	30·1	30·1	30·4	30·4	30·6	30·6	31·5	31·5	31·9	31·9	32·0	32·0	32·1	32·1	32·2	32·2	32·3	32·4	32·6	32·6	32·3	32·3	32·6	30·0
20	30·8	30·8	30·7	30·7	29·4	29·4	27·9	27·9	28·9	28·9	28·9	28·9	28·9	28·9	29·1	29·2	30·0	30·1	30·3	30·5	30·8	31·1	30·9	30·9	31·5	27·9
21	29·0	29·0	27·2	27·2	27·1	27·1	26·4	26·4	26·3	26·3	26·1	26·1	26·3	26·3	25·7	25·8	25·5	25·7	26·7	27·1	27·2	27·5	28·2	28·9	29·0	25·3
22	26·2	26·2	26·0	26·0	25·1	25·1	24·3	24·5	22·2	22·4	21·7	22·0	21·3	21·7	21·1	21·4	20·7	20·9	22·2	22·4	23·4	23·6	23·9	24·0	26·2	20·7
23	24·3	24·3	25·2	25·2	25·1	25·1	25·3	25·4	25·7	25·9	26·3	26·3	25·6	25·8	25·9	25·9	27·0	27·0	27·6	27·8	27·2	27·4	29·0	29·0	29·5	24·3
24	25·0	25·0	25·0	25·0	25·1	25·1	25·0	25·0	25·2	25·2	25·0	25·0	25·5	25·5	26·8	26·8	27·3	27·3	27·1	27·1	27·0	27·0	27·2	27·2	27·3	25·0
25	25·9	25·8	25·4	25·4	25·0	25·0	24·2	24·2	25·1	25·1	26·0	26·0	27·8	27·2	31·2	29·9	29·8	28·8	29·4	29·4	31·4	30·5	33·8	33·4	33·8	24·2
26	29·0	29·0	29·0	29·0	28·6	28·8	28·0	28·0	27·0	27·0	25·6	25·8	24·1	24·1	24·9	24·9	26·6	27·0	26·4	26·3	26·7	26·8	27·9	28·1	30·9	24·1
27	27·9	28·0	27·0	27·0	26·0	26·0	26·0	26·0	25·9	25·9	26·6	26·8	25·9	26·0	23·8	24·2	26·3	26·4	26·5	27·0	27·1	27·8	27·8	28·2	29·5	23·8
28	26·2	26·2	26·9	26·9	26·4	26·4	26·8	26·9	26·4	26·4	26·1	26·1	26·6	26·6	28·4	28·4	29·9	29·9	30·5	30·4	30·9	30·9	31·6	31·6	32·3	26·1
29	27·3	27·3	26·1	26·1	24·1	24·1	24·0	24·0	24·5	24·5	25·2	25·2	24·9	24·9	26·0	26·0	26·0	26·0	26·6	26·6	26·5	26·5	27·9	27·9	28·8	24·0
30	27·7	27·7	27·9	27·9	27·0	27·0	28·0	28·0	27·7	27·7	27·6	27·6	28·1	28·2	29·4	29·5	29·7	29·8	30·0	30·3	29·3	29·5	29·9	29·9	34·1	27·0
MEAN	25·1	24·9	25·2	24·8	25·1	24·8	24·9	24·7	24·8	24·6	24·9	24·8	25·2	24·9	25·5	25·3	25·7	25·7	26·0	26·0	26·5	26·5	26·9	26·9	28·8	22·9

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	23·4	23·3	23·9	23·8	23·1	23·2	23·1	23·1	22·9	22·9	22·4	22·8	22·4	22·8	20·9	21·0	20·5	20·8	20·9	20·9	19·9	20·0	19·2	19·6	23·4	23·5
2	20·3	20·3	20·0	20·1	19·5	19·5	19·4	19·6	19·1	19·2	19·0	19·0	18·5	18·7	18·4	18·7	18·3	18·4	18·2	18·3	17·3	17·5	17·2	17·2	18·3	18·4
3	22·2	22·4	22·1	22·2	22·6	22·8	22·7	22·8	22·0	22·1	21·9	21·9	22·2	22·2	22·0	22·0	22·0	22·0	22·0	22·0	22·3	22·3	22·3	22·3	22·9	22·7
4	24·0	24·0	23·9	23·9	23·8	23·8	23·4	23·4	23·1	23·1	23·3	23·3	22·0	22·0	22·0	22·0	22·0	22·0	21·8	21·8	22·2	22·2	21·9	21·9	23·1	23·1
5	24·2	24·2	23·4	23·4	23·2	23·2	23·0	23·0	22·5	22·5	22·2	22·2	21·8	21·8	21·0	21·0	20·2	20·2	19·0	19·0	19·1	19·1	19·2	19·2	22·4	22·4
6	24·1	24·1	24·1	24·1	24·2	24·2	24·0	24·0	23·8	23·8	23·7	23·7	22·2	22·2	22·8	22·8	22·9	22·9	22·8	22·8	22·0	22·0	22·1	22·1	22·3	22·3
7	24·3	24·3	23·6	23·6	23·3	23·3	23·0	23·0	23·0	23·0	23·0	23·0	22·8	22·8	22·3	22·3	22·3	22·3	22·2	22·2	22·1	22·1	22·2	22·2	23·0	23·0
8	25·7	25·7	25·0	25·0	24·9	24·9	25·1	25·1	24·9	24·9	24·2	24·2	23·7	23·7	23·1	23·1	22·1	22·1	22·0	22·0	21·4	21·4	21·8	21·8	23·6	23·6
9	22·4	21·9	22·3	22·3	22·4	22·8	21·8	22·0	22·6	22·8	21·9	21·9	20·9	21·0	21·1	21·0	20·5	20·5	20·2	20·2	20·3	20·3	19·9	19·9	21·4	21·4
10	24·9	24·8	24·9	24·7	26·0	25·0	24·0	23·8	23·2	23·2	22·7	23·0	22·2	22·4	22·3	22·3	22·8	22·8	22·4	22·4	23·0	23·0	22·9	23·0	22·0	22·0
11	25·8	26·1	25·0	25·1	25·3	25·7	25·3	25·7	25·0	25·0	24·3	24·4	24·2	24·2	25·0	25·0	25·3	25·3	25·1	25·1	25·8	25·8	26·0	26·0	24·2	24·0
12	27·0	27·3	26·2	26·3	26·0	26·2	26·0	26·1	25·3	25·6	25·0	25·0	24·2	24·2	24·8	24·8	24·8	24·8	22·4	22·4	23·8	23·8	23·4	23·7	25·4	25·5
13	22·9	23·0	23·2	23·3	22·1	22·2	21·9	21·9	21·6	21·8	21·0	21·0	21·0	21·0	19·1	19·1	18·0	18·2	17·3	17·3	17·0	17·1	17·2	17·3	21·1	21·0
14	27·7	26·1	28·0	27·1	29·0	27·8	28·8	27·5	27·9	27·8	27·7	27·8	26·8	27·0	26·9	27·0	27·1	27·1	26·6	26·7	26·1	26·1	26·1	26·1	24·1	23·6
15	25·9	25·6	26·8	26·1	26·2	26·0	26·2	26·1	26·8	26·4	26·9	26·9	26·1	26·3	25·7	25·7	25·2	25·2	25·9	25·9	26·1	26·1	26·0	26·0	25·3	25·3
16	28·9	28·9	29·3	29·4	29·2	29·3	28·6	28·6	28·8	28·8	29·1	29·1	29·2	29·2	30·2	30·2	33·8	32·0	34·9	34·9	35·2	35·2	36·0	36·0	29·1	29·0
17	39·8	36·3	39·9	30·1	42·2	34·1	42·0	39·9	42·3	31·4	41·6	32·4	40·7	29·9	41·2	32·0	42·2	31·0	43·7	31·8	43·3	30·4	42·4	32·4	39·4	34·8
18	30·2	30·4	31·0	31·2	30·3	30·5	30·1	30·2	30·0	30·0	30·1	30·1	29·8	29·9	30·0	30·0	30·2	30·2	30·6	30·6	30·1	30·1	30·0	30·0	32·5	30·3
19	32·4	32·4	32·3	32·3	32·4	32·4	32·4	32·4	32·1	32·1	31·9	32·0	31·9	31·7	30·6	30·6	30·3	30·3	30·4	30·4	31·3	31·6	31·9	31·9	31·6	31·6
20	30·9	30·9	30·2	30·2	30·3	30·4	30·7	30·8	31·0	31·0	31·3	31·3	31·2	31·2	31·5	31·5	31·0	31·0	31·1	31·1	30·3	30·3	30·1	30·1	30·3	30·3
21	28·3	28·9	28·9	29·2	28·2	28·3	27·0	27·4	26·8	27·2	26·0	26·1	25·9	25·9	25·8	25·9	26·0	26·0	26·0	26·0	25·3	25·5	26·1	26·1	26·8	26·9
22	23·7	24·0	22·4	22·4	22·3	22·3	22·4	22·4	22·4	22·3	23·1	23·1	22·0	22·1	21·6	21·6	21·4	21·6	22·2	21·2	22·8	22·2	23·1	23·1	22·8	22·9
23	27·8	27·7	29·5	29·0	28·2	27·7	28·0	27·8	27·4	27·1	26·2	26·1	26·0	26·0	26·2	26·3	26·0	26·0	25·8	25·8	25·9	25·9	25·8	25·7	26·5	26·5
24	27·0	27·0	26·2	26·2	26·7	26·7	26·0	26·0	26·4	26·4	26·3	26·3	26·0	25·9	26·0	26·0	26·1	26·1	26·1	26·1	25·9	25·9	25·8	25·8	26·1	26·1
25	29·1	29·1	30·7	30·0	30·0	30·0	31·4	31·3	30·9	31·3	30·3	29·9	30·1	30·1	29·2	29·2	29·7	29·7	29·7	29·7	29·3	29·3	29·1	29·1	28·9	28·7
26	28·8	28·8	28·9	29·0	29·1	29·1	29·2	29·2	28·8	28·8	28·6	28·6	29·0	29·0	30·3	30·3	30·9	30·9	30·1	30·1	29·6	29·6	28·9	28·9	28·2	28·2
27	28·0	28·0	28·1	27·0	28·5	27·0	29·5	27·4	28·7	26·3	27·9	26·0	28·1	27·0	28·0	26·8	27·3	26·2	27·8	27·8	27·1	27·1	26·2	26·2	27·2	26·8
28	30·9	30·9	32·0	32·0	32·3	32·2	31·9	31·9	31·3	31·3	31·3	31·3	31·0	31·0	30·7	30·7	28·8	29·0	28·7	28·7	28·8	28·8	28·1	28·1	29·3	29·3
29	28·8	28·8	27·3	27·8	27·2	27·4	27·4	27·4	27·3	27·3	26·7	26·4	27·1	27·1	27·1	27·1	27·0	27·0	26·7	26·7	27·0	27·0	27·1	27·1	26·5	26·5
30	29·2	29·1	30·2	28·5	31·9	28·9	32·9	28·9	31·8	28·2	31·2	29·9	32·3	32·2	33·0	32·9	32·9	32·9	33·1	33·1	33·6	33·7	34·1	34·1	30·4	29·8
MEAN	27·0	26·8	27·0	26·5	27·0	26·6	26·9	26·6	26·7	26·1	26·4	26·0	26·0	25·7	26·0	25·6	25·9	25·5	25·9	25·4	25·8	25·4	25·7	25·4	25·9	25·6

TEMPERATURE. DRY AND WET BULBS MAY 1889.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	34·7	34·7	33·0	33·0	33·1	33·1	34·9	34·9	32·2	32·2	31·7	32·2	31·8	31·8	32·1	32·1	29·3	29·5	31·8	31·9	29·1	29·2	30·3	30·3	34·9	28·8
2	29·0	29·0	28·9	28·9	28·9	28·9	28·7	28·8	28·3	28·3	28·9	28·9	29·4	29·4	30·1	30·1	30·5	30·5	31·2	31·5	31·3	31·3	31·2	31·4	33·0	28·3
3	29·0	29·0	28·8	28·8	29·9	29·9	31·2	31·2	31·2	31·2	31·3	31·3	31·3	31·3	31·5	31·5	31·7	31·7	32·0	32·0	32·0	32·0	32·2	32·2	35·8	28·8
4	34·9	34·9	35·1	35·0	34·6	34·6	34·3	34·1	33·7	33·7	33·0	33·0	34·0	34·0	34·3	34·3	34·2	34·2	34·4	34·4	35·2	35·2	35·5	35·5	40·1	33·0
5	38·0	38·0	37·1	37·1	36·1	36·1	35·5	35·4	36·6	36·4	36·6	36·5	36·7	36·7	35·8	35·8	36·7	36·7	37·6	37·6	38·3	38·4	39·8	39·8	43·0	35·5
6	41·5	36·8	40·3	38·5	41·0	37·0	41·2	38·4	41·8	38·5	42·4	38·9	41·9	38·1	43·2	37·5	43·7	38·1	45·1	40·4	45·8	41·0	47·3	42·3	49·9	40·3
7	40·9	40·3	39·2	39·2	38·9	38·9	39·8	39·3	38·9	38·9	39·8	39·8	39·8	39·9	40·3	40·5	41·4	41·4	41·5	41·5	42·9	42·7	43·1	43·2	45·3	38·9
8	40·2	40·2	40·0	40·0	40·0	40·1	39·3	39·4	39·3	39·5	38·5	38·7	39·9	40·0	37·8	37·9	40·0	40·1	40·3	40·3	39·0	39·1	38·5	38·6	40·3	33·0
9	34·8	34·8	34·8	34·8	34·9	34·9	34·4	34·3	34·3	34·2	34·7	34·5	35·0	35·0	35·3	35·2	35·3	35·3	36·0	36·0	36·3	36·3	37·1	37·0	40·0	34·3
10	34·6	34·2	34·9	34·4	36·5	36·4	39·0	39·0	41·0	41·0	40·8	40·8	40·1	40·1	41·7	41·7	41·1	41·1	42·3	42·3	41·8	41·8	41·9	41·9	42·3	34·6
11	34·9	34·9	34·7	34·7	34·8	34·2	34·9	34·4	35·7	35·3	35·0	34·5	36·0	36·0	36·5	36·3	36·1	36·1	37·3	36·9	38·1	37·6	39·0	38·2	40·0	34·7
12	37·9	36·8	37·0	36·8	37·0	36·2	37·1	37·1	39·2	39·2	40·1	40·0	40·4	40·4	41·2	41·1	42·9	41·4	43·3	42·0	43·8	42·0	43·8	42·1	45·8	37·0
13	41·3	38·2	41·1	38·3	40·7	38·3	40·7	38·4	41·3	38·8	41·9	38·9	43·0	39·4	44·2	39·3	44·3	39·9	46·3	41·9	46·3	41·8	46·4	41·7	46·9	38·3
14	36·7	34·3	35·2	33·8	35·5	35·5	35·0	34·9	34·3	34·3	33·7	33·7	32·8	32·8	33·0	32·9	32·2	32·2	33·3	33·1	32·6	32·5	33·0	32·8	36·7	31·1
15	31·4	31·4	30·8	30·8	31·5	31·5	30·4	30·4	31·0	31·0	31·0	31·0	30·2	30·2	31·0	31·0	30·7	30·7	31·5	31·5	31·8	31·8	32·1	32·1	33·7	30·2
16	31·9	31·9	32·0	32·0	31·9	31·9	31·5	31·5	31·4	31·4	31·6	31·2	31·2	31·1	33·1	32·7	34·2	34·2	35·0	34·7	37·2	36·3	37·8	36·1	40·9	31·2
17	38·1	38·0	38·7	38·7	37·7	36·6	36·4	35·1	36·1	36·1	38·4	38·4	39·2	39·2	38·7	38·7	39·3	39·3	40·0	40·0	39·8	39·8	41·5	41·2	43·9	36·0
18	35·9	35·0	35·6	35·1	35·2	35·2	35·9	35·9	36·1	36·1	36·2	36·2	37·0	37·0	38·2	38·2	42·0	41·6	42·2	41·7	42·2	41·5	42·3	41·9	44·9	35·2
19	39·9	39·9	40·0	40·0	40·4	40·4	40·3	40·3	40·4	40·4	40·6	40·6	41·2	41·2	41·8	41·4	43·1	42·2	44·6	42·7	46·6	43·2	48·0	44·2	50·4	39·9
20	41·4	41·4	40·0	40·0	40·7	40·7	40·6	40·6	40·9	40·9	40·9	40·9	41·0	41·0	41·3	41·3	42·1	42·1	43·0	43·0	43·2	43·2	44·4	44·0	47·1	40·0
21	44·9	44·9	45·0	45·0	44·6	44·6	44·7	44·7	45·2	45·2	45·2	45·2	45·3	45·3	46·0	46·0	46·4	46·4	46·3	46·3	47·5	47·5	48·2	47·9	**50·7**	44·6
22	46·6	46·6	46·0	46·0	45·7	45·7	45·1	45·1	45·2	45·1	44·9	44·9	45·0	44·9	45·2	45·1	46·5	45·2	47·6	45·9	48·9	47·1	49·3	47·1	49·9	39·7
23	40·2	40·2	40·4	40·4	38·9	38·9	38·8	38·8	39·0	39·0	39·1	39·1	39·1	39·1	39·1	39·1	39·1	39·1	39·3	39·3	39·7	39·7	40·0	40·0	41·2	38·8
24	38·9	38·9	39·1	39·1	39·8	39·8	40·1	40·1	39·9	39·9	39·7	39·7	39·7	39·7	39·9	39·9	40·1	40·1	40·2	40·2	40·1	40·1	39·9	39·9	40·2	29·9
25	29·0	29·0	28·8	28·8	28·0	28·0	27·7	27·8	28·1	28·2	28·4	28·5	28·9	28·9	30·0	30·0	31·4	31·4	32·0	32·0	32·1	32·1	33·9	33·9	34·7	**27·7**
26	30·9	29·9	32·0	28·0	32·9	29·1	33·2	30·1	32·9	29·9	33·5	29·3	35·0	31·4	36·9	32·2	39·4	31·1	41·6	32·3	43·7	37·9	42·9	37·5	46·1	30·9
27	37·9	36·1	37·1	35·8	37·0	35·8	37·0	36·0	38·1	37·5	37·9	37·1	39·4	37·8	39·9	38·6	41·6	39·1	42·4	39·7	46·7	42·4	49·7	41·0	49·7	37·0
28	36·2	34·7	36·9	31·8	37·1	33·3	34·7	32·2	36·9	36·9	35·9	35·9	35·5	35·5	35·4	35·4	35·1	35·1	34·1	34·1	35·4	35·4	35·4	35·4	37·1	34·1
29	36·8	36·8	36·2	36·2	36·0	36·0	36·1	36·1	35·9	35·9	35·4	35·4	35·2	35·2	35·4	35·4	35·7	35·7	35·5	35·5	35·7	35·7	38·6	38·6	38·6	32·0
30	31·7	31·7	31·3	31·3	31·0	31·0	31·0	31·0	31·3	31·3	31·7	31·7	32·1	32·1	33·0	33·0	33·4	33·4	32·5	32·5	32·2	32·2	33·0	33·0	35·6	31·0
31	31·9	32·0	32·0	32·0	32·0	32·0	32·0	32·0	32·0	32·0	32·0	32·0	32·1	32·1	32·7	32·7	33·3	33·3	34·0	34·0	35·5	35·5	36·0	36·0	36·9	31·9
MEAN	36·5	36·0	36·2	35·6	36·2	35·6	36·2	35·7	36·4	36·1	36·5	36·1	36·7	36·3	37·2	36·7	37·8	37·0	38·5	37·7	39·1	38·1	39·7	38·6	41·8	34·4

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	30·7	30·7	31·4	31·7	29·8	29·8	30·3	30·3	30·2	30·4	29·9	29·9	30·1	30·1	29·9	29·9	29·1	29·1	29·8	29·8	29·0	28·9	28·8	28·8	31·0	31·0
2	31·3	31·3	32·5	31·7	32·2	32·2	32·4	31·7	32·4	32·2	33·0	32·2	32·9	32·7	32·2	32·2	32·2	32·2	32·2	32·2	31·9	31·9	31·2	31·2	31·0	30·9
3	32·3	32·3	32·5	32·4	32·7	32·7	32·9	32·9	32·9	32·8	33·9	33·8	34·5	34·5	35·1	35·1	35·5	35·5	35·8	35·8	35·2	35·2	35·0	35·0	32·5	32·5
4	36·1	36·1	36·2	36·2	37·1	37·0	38·4	37·3	40·1	38·3	38·5	38·8	38·2	38·2	38·8	38·9	38·6	38·8	39·0	39·0	39·1	39·1	38·4	38·4	36·3	36·2
5	40·0	40·2	40·0	40·0	41·2	40·7	41·6	41·3	41·7	41·4	41·5	41·1	43·0	38·8	42·9	37·9	41·0	38·3	42·0	37·2	42·0	37·3	42·1	37·3	39·3	38·2
6	49·1	42·0	49·9	43·0	49·1	41·8	47·9	42·0	45·6	41·4	44·5	42·2	43·9	43·8	43·2	43·2	42·2	42·2	41·4	41·4	40·8	40·8	40·3	40·1	43·9	40·4
7	44·0	44·0	45·3	44·9	44·1	44·1	43·8	43·7	43·2	43·3	42·2	42·3	41·4	41·4	40·9	41·0	41·2	41·2	41·1	40·3	40·4	40·4	40·2	40·2	41·4	41·4
8	39·0	39·1	37·9	37·9	37·1	37·1	35·1	35·1	34·6	33·1	35·1	35·1	34·2	33·7	33·0	31·9	33·8	33·7	33·9	33·9	34·2	34·2	34·2	34·2	37·3	37·2
9	38·0	38·0	39·0	39·0	39·0	39·0	40·0	40·1	38·2	38·2	39·3	39·3	38·6	38·6	37·9	37·9	37·9	37·9	36·0	36·0	35·2	35·0	34·8	34·8	36·5	36·5
10	41·2	41·2	39·9	39·9	39·8	39·8	39·7	39·8	39·1	39·1	37·2	37·2	37·1	37·1	36·8	36·8	36·1	36·1	36·2	36·2	35·8	35·8	35·1	35·1	38·7	38·7
11	40·0	39·0	39·9	39·1	40·0	39·4	39·8	39·4	39·2	39·2	38·8	38·8	38·3	38·1	38·6	38·0	37·9	37·9	38·0	37·9	39·0	37·5	37·9	36·7	37·5	37·1
12	45·3	42·3	45·8	42·4	45·4	42·0	45·4	42·2	44·9	42·2	45·1	42·2	44·3	42·0	43·3	41·1	42·3	40·7	42·5	38·1	42·4	37·2	41·8	37·8	42·2	40·2
13	46·3	40·7	46·9	39·3	45·3	40·8	46·1	38·9	46·0	40·0	43·8	38·2	45·0	39·1	41·9	36·9	40·8	36·9	39·5	35·0	39·0	35·1	38·3	36·0	43·2	38·8
14	32·7	32·7	33·4	33·4	33·5	33·5	33·2	33·3	32·3	32·3	32·2	32·3	32·2	32·2	32·0	32·0	32·0	32·0	32·0	32·0	32·0	32·0	31·1	31·6	33·2	33·0
15	32·3	32·2	32·8	32·8	32·9	32·9	33·7	33·8	33·6	33·7	32·7	32·7	32·0	32·0	31·9	31·9	31·9	32·0	31·6	31·8	31·6	31·6	31·7	31·7	31·8	31·8
16	39·8	37·2	40·1	37·8	40·9	37·9	40·0	38·0	40·4	37·9	40·1	37·5	38·8	37·0	37·7	36·7	37·0	35·9	36·2	35·7	36·2	36·2	37·3	36·8	36·0	35·0
17	43·9	42·8	42·2	41·9	42·6	42·0	41·6	39·3	42·1	39·6	41·4	39·0	40·4	38·6	39·2	37·2	38·5	37·7	37·0	36·9	36·9	36·9	36·0	36·0	39·4	38·7
18	43·4	42·7	44·9	42·1	42·2	41·6	44·3	42·2	42·6	40·1	43·0	40·6	43·0	40·2	40·9	39·0	40·4	39·4	40·8	39·4	39·9	39·3	40·1	40·0	40·2	39·2
19	50·4	45·5	48·5	44·9	46·6	44·8	44·2	43·8	44·0	43·1	43·2	43·0	42·9	41·9	42·8	41·8	42·3	41·0	41·6	40·9	41·6	41·5	41·8	41·8	43·2	42·1
20	45·4	44·7	46·7	45·2	47·1	45·9	46·0	45·3	45·0	44·7	45·5	45·2	45·7	45·6	45·6	45·4	45·2	45·2	45·1	45·1	45·1	45·1	45·2	45·2	43·6	43·4
21	49·8	48·3	50·1	48·8	50·7	49·1	49·9	48·2	49·2	47·5	49·8	47·9	49·1	47·9	48·2	47·1	47·1	46·9	47·0	47·0	47·0	47·0	46·9	46·9	47·3	46·7
22	49·9	47·7	48·9	46·2	47·0	45·5	47·3	43·1	45·6	42·2	43·7	43·1	42·2	42·2	41·6	41·6	41·1	41·1	40·8	40·8	39·7	39·7	39·7	39·7	45·1	44·2
23	40·2	40·2	40·1	40·1	41·2	41·2	41·1	41·1	40·4	40·4	41·0	41·0	41·2	41·2	40·9	40·9	41·0	41·0	40·8	40·8	39·8	39·8	39·1	39·1	40·0	40·0
24	39·6	39·6	39·4	39·4	38·7	38·7	37·1	37·1	35·8	35·8	35·0	35·0	34·5	34·5	33·5	33·5	33·0	33·0	32·5	32·5	31·0	31·0	29·9	29·9	37·4	37·4
25	34·0	34·0	33·9	33·9	34·7	34·7	34·3	34·3	34·4	34·4	32·9	32·9	33·1	33·0	32·7	32·2	32·7	32·0	32·2	31·8	32·2	31·6	31·9	31·1	31·6	31·4
26	46·1	39·9	45·1	39·8	45·2	39·7	45·0	39·9	43·4	38·9	43·4	38·9	42·8	38·9	41·9	38·4	41·0	38·2	40·1	37·9	39·1	37·5	39·7	36·9	39·5	35·2
27	47·9	42·1	49·0	43·1	49·7	43·9	47·7	43·1	46·9	42·4	46·4	42·2	45·9	42·1	44·1	40·9	41·0	39·3	39·9	38·0	40·8	35·7	38·0	35·9	42·6	39·4
28	36·0	36·0	36·2	36·2	35·7	35·7	35·1	35·1	34·9	34·9	34·7	34·7	36·1	36·1	36·4	36·4	36·8	36·8	37·0	37·0	37·0	37·0	36·7	36·7	35·9	35·3
29	37·7	37·7	36·8	36·8	37·1	37·1	36·6	36·6	35·9	35·9	35·7	35·7	35·5	35·5	35·1	35·1	34·6	34·6	33·1	33·1	32·7	32·7	32·0	32·0	35·6	35·6
30	32·9	32·9	33·8	33·8	34·9	34·9	35·6	35·6	35·2	35·2	35·5	35·5	34·9	34·9	33·1	33·1	32·9	32·9	32·9	32·9	32·0	32·0	32·0	32·0	32·9	32·9
31	35·6	35·6	35·2	35·2	36·9	36·9	35·6	35·6	35·9	35·9	35·2	35·2	34·9	34·9	35·0	35·0	34·9	34·9	34·9	34·9	35·4	35·4	35·0	35·0	34·2	34·2
MEAN	40·3	39·0	40·5	39·0	40·3	39·1	40·1	38·7	39·5	38·3	39·2	38·2	38·9	37·9	38·3	37·4	37·8	37·2	37·5	36·8	37·2	36·5	36·8	36·3	38·1	37·2

TEMPERATURE. DRY AND WET BULBS. JUNE 1889.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	35·2	35·2	35·6	35·6	35·2	35·2	35·6	35·6	35·5	35·5	35·0	35·0	34·3	34·3	34·3	34·3	34·3	34·3	34·7	34·7	34·8	34·8	35·2	35·2	38·0	34·3
2	38·7	37·3	38·1	37·0	38·1	37·9	38·8	38·7	38·7	38·4	39·1	38·9	39·7	39·7	41·0	41·0	42·3	42·1	43·7	43·7	44·1	44·1	45·2	45·2	48·8	38·1
3	46·4	46·4	45·9	45·9	45·8	45·8	45·4	45·4	45·7	45·7	45·9	45·9	45·9	45·9	45·6	45·6	45·4	45·4	44·9	44·9	44·7	44·7	43·7	43·7	46·4	37·0
4	36·3	36·3	35·2	34·9	34·5	32·9	35·1	32·3	33·9	31·9	35·1	30·4	35·9	31·2	35·9	35·0	35·9	35·9	38·4	36·7	39·3	37·7	38·4	37·4	41·2	33·9
5	37·7	37·0	37·9	36·9	38·0	36·9	37·9	36·8	38·4	37·1	39·4	36·9	40·1	36·5	42·4	39·7	44·5	40·1	47·1	41·6	50·6	43·7	50·9	42·7	53·9	37·7
6	41·7	38·3	42·7	39·9	43·9	40·9	41·3	38·3	43·7	40·4	44·4	40·6	45·7	42·1	47·9	43·2	47·3	40·7	50·2	42·0	52·1	42·4	55·3	44·3	58·2	38·8
7	40·0	32·7	39·1	32·0	34·2	34·0	35·0	35·0	34·9	34·9	33·8	33·8	33·3	33·1	34·0	33·7	36·6	32·9	37·7	35·9	38·9	36·2	41·7	38·0	43·4	33·3
8	34·7	34·2	34·1	34·0	33·9	33·9	33·7	33·0	33·4	33·4	32·0	30·7	32·2	31·9	33·4	32·0	33·7	32·4	37·2	35·2	37·4	35·4	37·1	35·7	39·0	32·0
9	34·1	34·1	33·8	33·8	33·7	33·7	33·9	33·9	33·0	33·0	32·9	32·9	32·9	32·9	33·0	33·0	34·0	34·0	34·2	34·2	35·7	35·7	36·7	36·7	37·1	28·9
10	28·9	28·8	28·7	28·1	28·0	27·8	28·9	28·0	29·1	28·0	29·1	28·4	30·0	29·0	31·9	30·1	33·4	32·0	36·7	34·9	38·9	35·4	41·1	37·1	42·5	**28·0**
11	34·2	28·7	33·8	31·5	33·7	31·8	33·7	32·5	33·8	33·7	34·1	33·7	35·2	33·5	36·7	34·6	38·3	37·6	38·1	38·1	38·9	37·9	39·3	38·0	42·9	33·7
12	37·9	37·9	37·7	37·7	37·1	37·1	38·4	38·4	38·0	38·0	37·7	37·7	37·9	37·9	38·7	38·7	38·7	38·7	38·9	38·9	39·3	39·3	40·0	40·0	40·0	33·8
13	34·2	34·2	34·9	34·9	35·8	35·8	36·9	36·9	37·9	37·9	37·8	37·8	37·3	37·3	37·9	37·9	38·7	38·7	39·5	39·5	39·8	39·8	40·2	40·2	42·0	34·2
14	39·7	39·7	39·7	39·7	37·1	37·1	33·7	32·6	33·4	31·7	33·6	31·9	35·1	32·6	37·0	32·9	37·1	36·9	38·5	37·5	39·0	37·1	39·0	38·6	39·7	32·0
15	32·6	32·6	32·7	32·7	33·9	33·9	34·3	34·3	34·6	34·6	35·4	35·4	36·0	36·0	36·0	36·0	36·7	36·7	36·8	36·8	37·2	37·2	37·9	37·9	38·9	32·6
16	36·3	36·3	36·0	36·0	35·8	35·8	35·7	35·7	35·1	35·1	35·0	35·0	35·5	35·5	36·6	36·6	37·5	37·5	38·3	38·3	39·4	39·4	39·5	39·5	46·9	35·0
17	42·8	39·6	42·0	40·2	42·1	38·9	42·5	38·2	43·9	38·7	45·1	39·0	46·5	39·7	46·7	39·7	48·2	40·5	49·7	41·0	51·3	42·3	51·6	44·3	52·9	42·0
18	47·1	33·7	45·8	35·3	45·2	39·7	45·2	40·8	45·9	40·3	48·2	36·1	50·8	36·5	52·9	39·1	53·9	42·0	53·5	45·5	54·0	45·0	54·8	46·7	57·8	45·2
19	48·9	47·9	49·0	47·9	48·9	47·8	48·6	47·7	48·4	46·8	49·9	47·6	51·7	47·7	53·3	49·1	53·2	49·1	54·1	48·3	55·5	49·5	57·6	52·5	59·7	48·0
20	47·8	40·2	46·7	39·8	46·8	38·7	47·1	39·7	48·2	38·9	50·0	39·0	50·0	38·4	51·2	39·9	52·0	38·1	55·2	38·6	54·5	44·5	55·0	46·9	58·8	46·7
21	46·9	44·8	45·9	44·7	45·8	44·6	45·2	44·1	45·5	44·5	47·4	44·5	49·5	45·5	50·9	46·2	52·2	46·9	54·2	48·3	55·5	49·9	57·3	49·2	**60·0**	45·2
22	49·8	46·8	49·4	47·6	48·8	45·9	48·7	43·6	48·9	44·8	49·0	45·9	49·7	46·1	50·0	47·7	52·1	47·9	53·6	49·5	55·7	50·2	56·7	51·1	58·0	48·0
23	49·9	45·9	49·0	46·5	48·1	47·0	47·9	47·2	47·8	47·2	49·4	46·5	51·0	47·9	52·7	49·5	53·5	49·9	54·5	50·9	55·8	50·7	56·0	51·3	56·0	47·8
24	48·8	42·0	49·1	42·1	48·8	41·4	48·7	41·5	48·6	41·5	51·0	43·1	51·8	43·3	55·1	45·5	56·4	45·5	55·7	45·9	52·2	48·5	52·7	49·0	56·4	47·9
25	47·2	46·7	46·9	46·8	46·7	45·9	46·4	44·8	47·5	45·0	48·3	44·0	49·4	45·7	50·2	47·4	48·9	47·7	48·7	46·6	51·0	46·8	52·5	46·0	56·9	46·4
26	47·2	44·8	47·0	44·7	46·1	44·6	45·5	43·7	45·5	43·6	46·5	44·9	47·5	44·3	48·0	45·0	49·6	45·9	52·5	47·0	53·8	48·1	54·7	49·4	54·7	41·0
27	42·0	42·0	41·8	41·8	40·7	40·7	38·0	38·0	39·1	39·1	39·1	39·1	38·4	38·4	38·1	38·1	38·9	38·9	40·3	40·3	39·3	39·3	40·3	40·3	43·6	38·0
28	41·3	32·9	36·9	36·0	38·0	35·5	36·2	35·8	35·7	35·7	35·9	35·9	36·5	36·5	36·7	36·7	37·3	37·3	40·0	37·9	42·1	38·0	43·1	39·7	43·1	35·7
29	38·9	38·9	37·0	37·0	36·1	36·1	35·1	35·1	34·5	34·5	34·4	34·4	34·0	34·0	34·9	34·9	36·6	36·6	37·7	37·7	38·8	38·8	39·1	39·1	40·3	34·0
30	41·0	41·0	41·9	41·9	41·8	41·8	40·2	40·2	40·0	40·0	39·3	39·3	37·8	37·8	37·0	37·0	37·8	37·8	38·9	38·9	39·7	39·7	39·0	39·0	41·9	35·7
MEAN	40·9	38·6	40·5	38·8	40·1	38·6	39·8	38·3	40·0	38·3	40·5	38·1	41·1	38·4	42·0	39·3	42·8	40·0	44·1	41·0	45·0	41·7	45·7	42·5	48·0	38·2

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	35·9	35·8	36·1	36·1	36·0	36·0	36·2	36·2	36·2	36·2	36·9	36·7	37·5	36·8	37·7	35·9	37·8	35·8	37·4	35·9	37·9	35·8	38·0	37·1	36·0	35·6
2	46·0	46·0	46·8	46·8	46·8	46·8	46·6	46·6	47·4	47·4	48·8	48·8	47·9	47·9	46·9	46·7	47·1	47·1	46·8	46·8	47·1	47·1	46·9	46·9	43·9	43·7
3	42·9	42·9	43·2	43·2	43·4	43·2	43·5	43·0	42·7	41·7	42·6	40·9	40·0	38·9	38·8	37·1	37·6	35·9	37·0	37·0	38·1	38·1	37·2	37·2	43·0	42·7
4	37·9	37·2	38·9	37·9	39·9	38·8	40·7	39·0	40·9	38·7	41·2	38·4	41·0	38·0	39·8	37·7	39·0	37·9	38·9	37·9	38·2	37·9	37·9	37·4	37·8	36·2
5	52·2	44·0	51·9	43·0	53·9	45·3	53·1	44·7	52·9	45·2	51·1	43·7	49·9	43·0	48·9	42·8	47·4	42·6	44·2	43·9	43·5	42·6	43·9	41·1	45·7	41·2
6	56·1	43·9	58·2	44·7	57·9	46·1	55·1	45·7	52·9	44·9	51·9	45·5	50·7	44·0	46·3	42·1	44·9	41·1	41·9	39·8	40·6	38·9	38·8	36·3	48·0	41·9
7	42·6	38·4	40·5	38·1	42·9	38·5	43·4	39·1	42·9	38·4	42·6	36·7	41·9	37·4	41·2	37·6	39·1	36·0	38·9	35·8	37·2	34·8	36·2	34·8	38·7	35·7
8	37·7	36·7	37·8	36·7	38·7	37·8	39·0	38·7	38·7	38·7	38·8	38·8	37·9	37·9	37·0	37·0	36·8	36·8	36·0	36·0	36·0	36·0	35·3	35·3	35·9	35·3
9	36·8	36·8	37·1	36·8	36·8	36·2	35·9	35·7	34·8	34·7	33·6	33·6	33·0	33·0	32·1	32·1	31·2	31·9	30·0	30·0	29·7	29·7	28·9	28·9	33·7	33·6
10	41·0	36·9	42·5	37·2	41·0	36·9	41·2	37·0	42·2	37·8	41·9	37·9	40·4	36·6	37·5	36·1	36·7	35·0	35·8	34·0	35·1	31·9	34·9	32·7	35·6	33·2
11	41·9	39·5	42·8	39·9	42·7	38·9	42·9	39·0	41·8	37·7	40·9	38·2	39·9	37·7	38·2	37·0	37·7	37·4	37·4	37·4	37·8	37·8	37·3	37·3	38·0	36·2
12	38·9	38·9	39·7	39·7	38·2	38·2	38·3	38·3	38·1	38·1	36·3	36·3	35·3	35·3	34·8	34·8	33·9	33·9	34·1	34·1	33·8	33·8	33·8	33·8	37·3	37·3
13	40·9	40·8	40·9	40·8	40·7	40·4	40·6	40·6	40·5	40·5	40·9	40·9	41·1	41·1	41·1	41·1	41·4	41·4	41·9	41·9	42·0	42·0	40·7	40·7	39·3	39·3
14	38·3	37·8	37·7	36·2	37·1	36·2	35·5	35·2	35·3	35·3	34·4	34·4	33·9	33·9	33·2	33·2	32·7	32·7	32·2	32·2	32·0	32·0	32·2	32·2	35·7	35·0
15	38·9	38·9	38·8	38·8	38·8	38·8	38·0	38·0	37·1	37·1	36·0	36·0	36·8	36·8	34·8	34·8	34·9	34·9	36·7	36·8	36·8	36·8	36·6	36·6	36·2	36·2
16	40·9	40·9	40·9	40·9	42·9	41·9	43·2	41·2	42·7	41·4	44·8	42·3	46·9	41·9	46·1	41·0	45·8	40·9	45·1	40·2	43·0	39·8	43·0	39·7	40·2	38·9
17	51·9	46·3	51·8	45·7	51·9	44·8	52·9	46·9	51·8	45·2	50·4	43·6	50·9	44·6	49·9	39·9	49·9	39·9	49·2	37·9	48·8	38·0	48·1	35·7	48·3	41·3
18	55·9	49·1	57·8	49·8	56·9	49·9	56·0	50·5	55·3	51·3	55·0	51·1	54·0	50·9	52·4	50·1	51·5	49·7	50·6	48·9	50·1	48·5	49·7	48·1	51·8	44·9
19	59·7	53·2	58·6	51·9	56·3	51·0	57·9	52·7	57·5	52·3	56·6	50·0	55·6	50·9	52·1	50·3	50·9	48·8	49·7	46·1	48·8	43·7	48·0	42·0	53·0	49·0
20	57·6	46·9	58·8	48·2	58·7	46·9	58·0	48·9	56·7	48·9	55·1	48·5	53·9	48·0	51·8	47·0	49·8	46·9	49·7	46·4	48·7	45·8	48·0	44·8	52·1	43·7
21	60·0	51·9	60·0	51·9	58·2	50·6	58·8	50·1	59·8	52·3	58·2	51·9	57·0	52·0	53·7	50·7	53·6	50·7	51·0	48·9	50·7	47·6	50·0	46·9	52·8	48·3
22	58·0	51·9	56·2	50·6	55·8	52·7	55·0	52·5	54·5	52·2	53·5	51·5	54·0	51·6	53·1	50·9	51·9	50·5	50·8	49·7	48·8	48·7	48·0	47·8	52·2	49·1
23	51·9	50·0	49·8	49·7	50·7	49·1	51·0	48·7	50·1	47·9	54·5	48·9	52·1	46·3	49·9	43·7	50·0	44·2	49·8	44·7	49·4	44·8	49·7	44·9	51·0	47·6
24	52·0	48·9	52·8	49·8	54·8	49·8	54·9	49·9	53·3	49·4	51·8	48·7	51·1	48·7	49·9	47·6	49·1	47·8	48·9	48·1	48·7	47·8	47·9	47·0	51·4	46·4
25	55·8	48·3	56·9	50·4	55·9	50·0	56·6	50·7	55·3	49·7	53·8	49·3	52·9	48·6	52·8	46·7	51·7	46·8	50·2	46·0	49·2	45·6	48·2	45·2	51·0	47·1
26	53·2	49·2	52·7	49·7	50·1	48·8	50·2	47·7	48·1	47·0	46·4	46·4	45·9	45·9	44·7	44·7	43·6	43·6	41·9	41·9	41·1	41·1	41·0	41·0	47·6	45·5
27	41·1	41·1	42·7	41·2	43·6	41·9	42·5	41·1	42·5	41·3	41·8	40·5	41·7	40·1	40·2	38·9	40·9	38·6	40·8	36·7	40·5	34·2	41·8	32·2	40·7	39·3
28	42·9	40·1	42·1	39·9	40·9	38·8	40·1	39·0	39·7	38·8	39·4	39·1	39·7	38·9	38·9	38·9	38·9	38·9	39·7	39·7	39·8	39·8	39·7	39·7	39·2	37·9
29	39·0	39·0	38·3	38·3	37·7	37·7	36·9	36·9	37·2	37·2	37·2	37·2	36·9	36·9	37·2	37·2	38·8	38·8	39·6	39·6	40·0	40·0	40·3	40·3	37·3	37·3
30	39·1	39·1	39·0	39·0	39·8	39·8	39·7	39·7	38·9	38·9	38·0	38·0	37·9	37·9	36·7	36·7	36·2	36·2	36·0	36·0	36·2	36·2	35·7	35·7	38·6	38·6
MEAN	46·2	43·0	46·4	43·1	46·3	43·1	46·1	43·1	45·6	42·9	45·1	42·5	44·6	42·0	43·3	41·0	42·7	40·8	42·1	40·3	41·7	39·9	41·3	39·3	43·1	40·6

TEMPERATURE. DRY AND WET BULBS. JULY 1889.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	35·8	35·8	34·9	34·9	34·7	34·7	34·9	34·9	36·6	36·6	37·2	37·2	36·1	35·8	37·8	37·8	39·4	39·4	41·4	41·4	42·4	42·4	44·4	44·4	45·9	34·7
2	44·1	43·8	44·7	43·7	44·8	43·7	44·0	43·0	44·7	43·1	45·9	43·7	46·4	44·1	47·5	43·7	48·9	44·7	50·1	45·1	52·7	48·9	50·5	49·1	52·7	44·0
3	47·6	46·8	46·9	46·3	46·2	44·9	46·4	43·5	48·6	38·4	48·4	38·3	50·0	39·9	51·6	40·2	52·5	40·6	54·4	43·4	54·9	45·0	56·9	45·5	60·2	46·2
4	50·2	45·1	50·1	44·6	50·1	44·3	50·0	43·8	51·4	44·2	52·4	43·3	53·7	43·2	55·0	46·2	55·9	47·0	57·5	48·4	57·6	48·6	58·8	49·5	61·8	50·0
5	52·9	48·7	52·9	49·0	51·8	46·5	51·3	49·6	51·6	46·3	51·3	49·1	51·6	49·5	52·8	46·3	52·8	45·1	54·2	46·1	55·8	46·9	55·6	48·5	58·4	50·0
6	50·2	47·9	50·4	46·8	49·2	46·8	48·9	45·3	48·9	44·0	47·7	42·3	47·1	41·9	47·9	42·3	48·9	42·6	49·0	42·7	47·6	42·9	50·7	44·4	50·7	37·5
7	35·6	35·6	32·9	32·9	32·0	32·0	31·7	31·8	31·6	31·8	30·3	30·3	30·7	30·7	31·1	31·1	31·9	31·9	32·1	32·1	32·2	32·2	32·9	32·7	35·6	30·3
8	30·2	30·2	29·1	29·1	29·1	29·1	29·5	29·5	29·4	29·5	30·9	30·9	31·7	31·7	32·0	32·0	32·4	32·4	33·8	33·8	34·6	34·6	35·4	35·4	36·9	29·1
9	36·1	36·1	35·9	35·9	36·0	36·0	35·9	35·9	36·2	36·2	36·3	36·3	36·9	36·9	37·5	37·5	38·1	38·1	38·3	38·3	39·1	39·1	39·5	39·5	42·7	35·9
10	39·0	39·0	39·2	39·2	39·0	39·0	39·9	39·9	39·7	39·7	40·9	40·9	42·0	42·0	42·1	42·1	41·7	41·7	42·1	42·1	41·8	41·8	41·2	41·2	42·1	38·9
11	38·0	38·1	37·9	37·9	37·8	37·8	37·1	37·1	37·5	37·5	36·6	36·6	36·9	36·9	36·1	36·1	36·9	36·9	37·8	37·8	38·7	38·7	38·3	38·3	40·0	36·1
12	36·8	36·8	36·9	36·9	37·0	37·0	37·4	37·2	37·0	36·9	37·4	37·1	39·0	38·4	39·9	38·7	40·3	39·0	42·1	41·4	41·8	41·2	40·4	40·1	42·5	36·8
13	40·8	40·8	40·0	40·0	40·9	40·9	40·8	40·8	41·1	41·1	41·2	41·2	41·4	41·4	41·8	41·8	41·7	41·7	42·2	42·2	42·9	42·9	43·8	43·7	44·9	34·9
14	33·0	33·0	33·7	33·7	33·6	33·6	32·1	32·1	32·7	32·7	33·3	33·3	34·5	34·5	35·0	35·0	35·6	35·6	35·8	35·8	36·1	36·1	37·3	37·3	37·6	32·1
15	33·1	33·1	32·9	32·9	33·0	33·0	33·1	33·1	33·1	33·1	33·7	33·7	33·9	33·9	34·9	34·9	34·7	34·7	35·3	35·3	36·2	36·2	34·9	34·9	38·4	32·9
16	34·1	33·8	34·2	34·0	33·9	33·8	33·7	33·7	33·8	33·8	34·2	34·2	34·4	34·4	35·0	34·8	35·9	35·9	36·4	36·4	37·3	37·3	37·3	37·3	40·7	33·7
17	37·1	37·1	37·5	37·5	37·7	37·7	37·2	37·2	37·5	37·5	37·1	37·1	36·5	36·5	36·2	36·2	36·1	36·1	36·6	36·6	36·8	36·8	37·9	37·9	39·4	33·9
18	33·7	32·2	32·7	32·5	34·7	31·9	34·1	31·1	32·8	30·7	31·3	30·7	30·8	31·9	31·3	31·3	32·6	32·1	33·8	33·8	34·9	34·9	34·7	34·7	35·9	30·8
19	34·7	34·7	34·8	34·8	35·0	35·0	34·7	34·7	33·9	33·9	33·9	33·9	33·7	33·7	33·8	33·8	33·3	33·3	34·9	34·9	35·5	35·5	35·4	35·4	36·0	33·3
20	34·2	34·2	33·4	33·4	33·8	33·8	33·7	33·7	33·8	33·8	33·6	33·6	34·2	34·2	35·1	35·1	35·1	35·1	35·7	35·7	36·2	36·2	38·0	38·0	39·7	33·4
21	36·7	36·0	36·8	35·9	36·9	36·0	36·9	35·7	37·7	36·5	38·2	37·5	38·7	37·2	39·9	38·2	38·9	37·9	40·3	39·3	40·6	39·4	42·2	38·9	42·7	31·2
22	32·9	32·9	34·0	34·0	34·2	34·2	35·0	35·0	35·3	35·3	34·9	34·9	34·7	34·7	35·3	35·3	36·0	36·0	36·3	36·3	35·9	35·9	36·6	36·6	37·6	32·9
23	34·8	34·8	34·7	34·7	34·1	34·1	33·9	33·9	34·0	34·0	34·6	34·6	35·1	35·1	35·7	35·7	38·1	38·1	38·7	38·6	38·7	38·2	38·7	38·1	41·1	33·9
24	38·2	38·2	38·1	38·1	38·0	38·0	37·8	37·8	37·5	37·5	37·4	37·4	37·3	37·3	37·3	37·3	38·9	38·4	39·5	38·6	39·1	38·2	39·7	38·9	40·1	37·3
25	39·2	39·2	37·9	37·9	38·0	38·0	38·8	38·8	38·9	38·9	38·6	38·6	38·8	38·8	38·9	38·9	38·9	38·9	38·7	38·7	39·9	39·9	39·9	39·9	40·6	37·7
26	38·0	38·0	38·8	38·8	39·2	39·2	39·3	39·3	39·5	39·5	37·6	37·6	36·6	36·6	37·1	37·1	37·6	37·6	39·3	38·8	39·5	38·4	40·9	38·6	44·8	35·7
27	36·2	36·0	37·6	37·0	37·6	37·1	36·1	36·1	37·1	35·9	38·1	35·8	38·7	36·3	41·9	37·1	42·2	37·9	42·1	39·3	43·7	39·8	46·2	40·8	47·4	36·1
28	42·4	35·4	42·7	32·7	42·1	31·2	39·8	35·2	37·4	36·8	37·1	37·1	39·2	36·1	37·7	37·1	38·1	38·1	38·6	38·6	39·5	39·5	40·9	40·9	44·9	37·1
29	41·7	41·7	41·7	41·7	41·0	41·0	39·9	35·1	39·9	37·7	41·9	34·7	45·3	37·6	44·1	41·1	46·1	46·1	46·4	46·4	45·9	45·9	47·0	47·0	47·9	39·9
30	42·9	41·9	45·4	44·6	46·2	39·6	46·3	42·1	42·4	42·4	47·5	47·5	46·7	43·1	48·7	42·2	51·1	45·3	51·6	46·8	49·5	47·3	52·5	49·3	56·3	42·4
31	47·3	47·1	48·3	48·1	49·1	48·8	48·9	48·0	48·1	47·7	48·1	48·1	48·2	48·0	49·5	48·1	50·3	49·2	50·7	49·6	52·3	50·5	53·6	50·1	54·8	47·3
MEAN	39·0	38·2	38·9	38·0	38·9	37·7	38·7	37·6	38·7	37·5	38·9	37·7	39·4	37·8	40·0	38·2	40·7	38·9	41·5	39·8	41·9	40·4	42·6	40·9	44·5	37·0

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	43·9	43·9	44·8	44·8	45·8	45·8	45·3	45·3	45·4	45·4	45·5	45·5	45·9	45·9	45·7	45·7	44·9	44·9	44·1	44·1	44·9	44·7	44·1	43·9	41·5	41·5
2	51·2	49·6	51·7	49·9	51·9	50·1	52·0	50·9	52·2	49·9	51·3	50·2	50·8	49·8	49·8	48·9	48·8	47·9	47·9	47·7	47·4	47·3	47·7	46·9	48·6	46·9
3	58·9	46·9	59·9	47·4	60·2	47·3	60·2	48·5	59·0	48·5	57·9	49·2	55·8	48·8	53·5	48·0	52·6	47·0	51·9	48·2	51·2	47·5	51·1	46·2	53·2	45·3
4	60·5	50·2	61·8	52·9	61·7	53·1	61·5	53·6	60·6	53·3	59·3	53·7	58·1	52·9	55·8	51·0	54·7	51·2	52·6	50·0	52·9	50·8	52·7	50·8	55·6	48·8
5	56·0	49·7	56·7	51·1	56·7	51·1	58·4	52·6	56·7	51·6	57·3	52·2	55·9	52·1	53·4	51·1	52·0	50·8	50·9	49·9	51·0	49·0	50·0	49·7	53·7	49·3
6	49·2	44·4	45·2	44·0	42·9	41·7	41·3	41·7	40·7	40·7	38·9	38·5	40·8	40·8	39·4	39·4	39·5	39·5	39·7	39·7	38·7	38·7	37·5	37·5	45·0	42·4
7	32·3	32·3	32·9	32·9	32·9	32·9	32·9	32·9	32·2	32·2	32·8	32·8	32·7	32·7	32·2	32·2	32·0	32·0	31·9	32·0	30·8	30·9	30·5	30·5	32·1	32·1
8	35·6	35·6	35·4	35·4	36·8	36·8	36·9	36·9	36·9	37·0	36·7	36·7	36·7	36·7	36·2	36·2	36·1	36·1	35·8	35·8	35·8	35·8	36·1	36·1	33·9	33·9
9	39·8	39·8	41·1	40·9	42·7	41·9	42·2	41·3	42·7	41·3	42·1	41·0	40·1	40·0	38·9	38·9	37·9	37·9	38·6	38·6	38·7	38·7	39·1	39·1	38·7	38·6
10	41·2	41·2	41·0	41·0	41·8	41·8	40·9	40·9	40·6	40·6	40·5	40·5	40·1	40·1	39·9	39·9	39·4	39·4	38·9	38·9	38·9	38·9	38·9	38·9	40·4	40·4
11	38·8	38·8	39·8	39·8	39·7	39·7	39·9	39·9	39·7	39·7	40·0	40·0	39·8	39·8	38·9	38·9	38·1	38·1	37·7	37·7	37·0	37·0	36·9	36·9	38·2	38·2
12	41·9	41·3	41·7	41·1	42·1	41·6	42·5	41·9	42·3	42·0	42·1	41·9	41·9	41·5	41·7	41·6	40·8	40·6	40·0	39·9	40·1	40·1	40·0	40·0	40·1	39·8
13	44·7	44·6	44·9	44·1	44·2	44·2	44·2	44·1	43·8	43·6	43·7	43·7	43·0	42·9	41·0	41·0	40·8	40·8	38·9	38·9	37·8	37·8	34·9	34·9	41·7	41·6
14	37·6	37·6	35·6	35·6	35·8	35·8	36·2	36·2	36·1	36·1	34·[illegible]	34·9	35·0	35·0	34·8	34·8	34·0	34·1	34·6	34·6	34·0	34·0	33·8	33·8	34·8	34·8
15	38·4	38·4	37·4	37·4	37·1	37·1	35·7	35·7	35·9	35·9	35·6	35·6	35·8	35·8	34·9	34·9	34·8	34·7	34·7	34·5	34·0	34·0	34·0	34·0	34·9	34·9
16	39·6	39·5	39·9	39·7	38·9	38·2	39·5	38·2	40·2	39·8	40·7	39·8	39·1	38·9	38·9	38·9	38·0	38·0	37·8	37·8	37·9	37·9	37·5	37·5	37·0	36·8
17	38·2	38·2	38·8	38·8	39·1	39·1	38·9	38·9	38·9	38·9	39·4	39·3	38·0	38·0	37·0	37·0	35·8	35·8	34·2	34·3	34·1	34·1	33·9	33·9	37·1	37·1
18	35·1	35·1	34·6	34·6	35·1	35·1	35·9	35·9	35·5	35·5	35·8	35·8	35·2	35·2	34·6	34·6	34·6	34·6	34·5	34·5	34·6	34·6	34·5	34·5	34·1	33·7
19	36·0	36·0	35·7	35·7	35·9	35·9	36·0	36·0	35·7	35·7	35·6	35·6	35·6	35·6	35·7	35·7	35·0	35·0	34·8	34·8	34·7	34·7	34·2	34·2	34·9	34·9
20	38·0	38·0	37·8	37·7	38·2	38·0	39·1	38·8	39·7	39·5	39·7	39·2	39·1	38·9	39·0	39·0	38·2	38·2	37·9	37·9	37·7	37·7	37·0	36·9	36·6	36·5
21	42·7	40·9	41·5	41·4	39·9	39·9	39·7	39·7	38·2	38·2	37·1	37·1	35·7	35·7	34·8	34·8	32·1	32·1	31·9	31·9	31·2	31·2	31·9	31·9	37·5	36·8
22	37·4	37·4	36·8	36·8	37·6	37·6	37·3	37·3	37·0	37·0	37·0	37·0	36·7	36·7	36·1	36·1	35·4	35·4	35·0	35·0	34·9	34·9	34·7	34·7	35·7	35·7
23	39·7	39·3	40·9	40·4	39·7	39·1	40·7	39·8	41·1	40·5	40·5	40·5	39·9	38·9	39·6	38·8	39·0	38·9	38·9	38·9	38·9	38·9	38·7	38·7	37·9	37·6
24	40·1	39·2	39·8	38·9	39·1	38·9	38·4	38·4	38·1	38·1	38·3	38·3	38·8	38·8	39·1	39·1	39·1	39·1	39·0	39·0	39·0	39·0	39·2	39·2	38·6	38·4
25	40·3	40·3	40·6	40·6	40·5	40·5	39·7	39·4	39·3	37·4	39·8	38·4	38·8	38·8	39·1	39·1	37·8	37·6	37·7	37·5	37·7	37·7	37·7	37·7	39·0	38·8
26	43·5	40·3	43·6	41·2	44·3	42·1	44·8	42·3	42·4	41·1	41·5	39·9	39·9	39·8	38·8	38·8	38·1	38·1	37·8	37·8	36·1	35·9	35·7	35·7	39·6	38·9
27	46·6	41·1	45·9	42·0	47·4	42·0	46·3	42·4	44·8	43·3	44·0	41·9	45·2	39·1	44·7	37·2	43·9	36·9	42·8	36·1	43·4	35·8	42·7	35·8	42·3	38·4
28	43·2	43·2	43·8	43·8	44·9	44·8	42·9	42·9	43·3	43·3	43·2	43·2	42·7	42·7	42·9	42·9	42·8	42·8	41·1	41·1	41·2	41·2	41·2	41·2	41·2	39·7
29	46·9	46·9	46·8	46·8	46·8	46·8	46·2	46·2	45·1	45·1	44·5	44·5	44·9	44·7	42·9	42·4	42·9	42·8	43·1	43·1	42·9	42·9	43·7	41·9	44·1	42·9
30	52·6	49·0	55·6	50·9	56·0	50·8	56·3	51·2	56·0	50·8	54·7	50·9	53·6	50·8	51·8	49·8	49·8	49·0	49·0	49·0	48·1	48·2	47·8	47·8	50·1	47·1
31	54·8	51·2	53·4	50·9	53·0	51·1	52·7	51·2	52·9	51·3	52·2	51·6	51·9	51·1	51·5	50·7	51·0	50·1	50·9	49·8	50·0	49·3	49·8	48·7	50·8	49·6
MEAN	43·4	41·6	43·4	41·9	43·5	42·0	43·4	42·0	43·0	41·7	42·7	41·6	42·2	41·2	41·4	40·6	40·6	39·9	40·1	39·6	39·9	39·3	39·6	39·0	40·9	39·7

TEMPERATURE. DRY AND WET BULBS. AUGUST 1889.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	48·1	47·9	47·9	47·9	47·3	47·3	47·2	47·2	46·6	46·6	46·0	46·0	46·1	46·1	45·3	45·3	44·6	44·5	45·1	44·3	45·1	44·2	45·8	44·1	48·1	42·8
2	42·8	42·8	42·2	42·2	41·2	41·2	41·0	41·0	40·9	40·9	41·1	41·1	41·1	41·1	40·9	40·9	41·1	41·1	41·7	41·7	41·8	41·8	41·9	41·9	42·9	37·8
3	37·8	37·6	37·7	37·6	37·9	37·6	38·5	38·0	38·8	38·8	39·1	39·1	39·7	39·7	41·6	41·6	42·1	42·1	42·9	42·9	44·3	44·3	43·9	43·9	44·9	37·7
4	39·7	39·7	38·6	38·6	38·2	38·2	38·7	38·7	38·3	38·3	37·3	37·3	37·0	37·0	38·3	38·3	39·9	39·9	40·6	40·6	40·8	40·8	40·9	40·9	43·1	37·0
5	40·0	40·0	40·0	40·0	40·0	40·0	40·1	40·1	39·9	39·9	39·9	39·9	39·7	39·7	39·7	39·7	39·8	39·8	39·6	39·6	39·7	39·7	39·9	39·9	40·7	38·0
6	40·7	40·7	40·9	40·9	40·8	40·8	40·0	40·0	40·0	40·0	38·9	38·9	38·9	38·9	39·5	39·5	39·9	39·9	39·7	39·7	39·6	39·6	39·6	39·6	40·9	37·8
7	38·7	38·7	38·7	38·7	38·8	38·8	38·8	38·8	37·9	37·9	37·8	37·8	37·0	37·0	38·2	38·2	38·0	38·0	38·9	38·9	39·8	39·7	39·6	39·3	39·9	37·0
8	36·8	36·8	36·6	36·6	36·0	36·0	35·9	35·9	35·5	34·3	37·0	35·0	36·5	35·2	37·3	35·9	39·4	38·3	40·9	39·4	40·7	38·8	42·0	40·7	45·7	35·5
9	37·9	37·9	37·9	37·9	38·2	38·2	38·0	38·0	37·9	37·9	37·9	37·9	38·7	38·7	38·9	38·9	39·4	39·4	39·9	39·9	40·7	40·7	41·6	41·6	43·1	37·9
10	39·1	39·1	39·1	39·1	39·0	39·0	38·9	38·9	39·3	39·3	39·4	39·4	39·9	39·9	40·6	40·6	41·1	41·1	39·8	39·8	41·7	41·7	37·9	37·4	41·7	37·9
11	39·2	39·2	38·9	38·9	38·5	38·5	38·3	38·3	37·0	37·0	37·3	37·3	36·8	36·8	36·9	36·9	36·0	36·0	37·0	37·0	36·8	36·8	37·3	37·3	39·7	35·0
12	34·9	34·9	34·2	34·2	32·8	32·8	32·0	32·0	32·0	32·0	32·2	32·2	32·6	32·6	32·9	32·9	38·5	38·5	40·1	40·1	41·0	41·0	41·9	41·9	41·9	32·0
13	36·9	36·9	37·1	37·1	37·7	37·7	37·2	37·2	36·9	36·9	36·9	36·9	36·4	36·4	36·3	36·3	36·8	36·8	37·3	37·3	37·2	37·2	37·3	37·3	37·9	34·7
14	35·1	35·1	36·9	36·9	37·2	37·2	38·2	38·2	38·2	38·2	38·6	38·6	39·7	39·7	39·4	39·4	39·7	39·7	40·2	40·2	42·0	42·0	43·6	43·6	46·1	35·1
15	43·9	43·9	43·9	43·9	43·7	43·7	42·9	42·9	41·5	41·5	40·4	40·4	38·9	38·3	39·9	39·9	39·9	39·9	41·0	41·0	41·0	41·0	41·4	41·4	43·9	37·6
16	37·8	37·8	37·9	37·9	37·9	37·9	38·1	38·1	37·7	37·7	37·2	37·2	37·6	37·6	38·0	38·0	38·1	38·1	38·6	38·6	39·0	39·0	39·2	39·2	44·7	37·2
17	40·1	40·1	39·3	39·3	38·9	38·9	38·5	38·5	37·4	37·4	36·8	36·8	36·7	36·7	35·9	35·9	35·9	35·9	36·3	36·3	36·2	36·2	36·7	36·7	40·1	35·1
18	36·2	36·2	36·2	36·2	35·0	35·0	35·7	35·7	35·5	35·5	35·8	35·8	35·9	35·9	35·9	35·9	36·1	36·1	35·9	35·9	36·7	36·7	37·0	37·1	37·6	35·0
19	37·2	37·2	37·9	37·9	38·1	38·1	37·9	37·9	37·5	37·5	37·5	37·5	37·7	37·7	39·3	39·3	39·7	39·7	39·9	39·9	40·7	40·7	40·8	40·8	41·9	37·2
20	39·6	39·6	38·9	38·9	39·1	39·1	39·2	39·2	39·5	39·5	39·4	39·4	38·6	38·6	38·3	38·3	38·9	38·9	39·7	39·7	39·5	39·5	39·9	39·9	40·9	37·9
21	37·0	37·0	36·2	36·2	36·0	36·0	35·7	35·7	35·1	35·1	35·0	35·0	34·9	34·9	34·9	34·9	35·1	35·1	35·8	35·8	36·1	36·1	36·4	36·4	38·7	34·9
22	37·9	37·9	37·7	37·7	37·1	37·1	36·9	36·9	36·6	36·6	36·1	36·1	35·7	35·7	35·0	35·0	34·6	34·6	34·9	34·9	34·7	34·7	34·9	34·9	37·9	31·2
23	33·2	33·2	33·8	33·8	33·8	33·8	33·2	33·2	33·5	33·5	33·6	33·6	33·7	33·7	33·8	33·8	34·2	34·2	34·9	34·9	35·1	35·1	35·9	35·9	36·7	31·9
24	31·7	32·0	30·8	30·8	31·1	31·1	31·2	31·2	31·9	31·9	30·1	30·1	30·9	30·9	31·6	31·6	31·9	31·9	32·0	32·2	32·7	32·1	33·9	33·9	35·5	**30·1**
25	35·7	35·7	35·7	35·7	35·8	35·8	36·0	36·0	36·4	36·4	36·4	36·4	36·4	36·4	36·3	36·4	36·7	36·8	37·1	37·1	38·0	38·0	38·7	38·7	38·7	31·3
26	32·1	32·1	32·1	32·1	32·1	32·1	32·3	32·3	31·9	31·9	32·1	32·1	33·7	33·7	33·9	33·9	34·0	34·0	34·7	34·7	34·9	34·9	35·4	35·4	40·6	31·9
27	40·9	40·9	40·9	40·9	40·1	40·1	40·3	40·3	40·3	40·3	39·6	39·6	38·7	38·4	37·9	37·8	39·6	39·6	40·5	40·5	40·9	40·9	40·9	40·9	40·9	37·9
28	39·7	39·7	39·8	39·8	40·0	40·0	40·8	40·8	41·7	41·7	42·4	42·4	43·2	43·2	44·0	44·0	44·6	44·6	44·8	44·8	45·2	45·2	45·8	45·8	46·1	39·7
29	43·7	43·7	42·6	42·6	38·8	38·8	38·4	38·4	37·7	37·7	37·2	37·2	36·9	36·9	37·0	37·0	37·7	37·7	38·9	38·9	38·9	38·9	39·4	39·4	43·7	36·9
30	37·7	37·7	37·9	37·9	37·7	37·7	37·0	37·0	36·3	36·3	35·4	35·4	35·3	35·3	35·1	35·1	36·7	36·7	36·8	36·8	37·7	37·7	38·4	38·4	39·9	35·1
31	38·8	34·2	38·8	35·8	37·9	34·1	37·5	33·4	36·8	33·4	37·9	32·9	38·8	36·1	38·7	38·1	40·5	39·6	43·4	41·5	42·6	41·1	43·4	41·5	43·4	36·8
MEAN	38·4	38·3	38·3	38·2	37·9	37·8	37·9	37·7	37·6	37·5	37·5	37·3	37·5	37·4	37·8	37·7	38·4	38·3	39·0	38·9	39·4	39·2	39·7	39·5	41·5	35·9

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	45·3	43·3	46·1	43·9	45·5	42·9	45·2	43·4	44·8	42·5	44·1	42·8	43·7	42·8	43·1	42·9	43·0	43·0	42·9	42·9	42·8	42·8	42·8	42·8	45·2	44·5
2	42·4	42·4	42·9	42·9	42·8	42·8	42·3	42·3	41·9	41·9	41·0	41·0	41·0	41·0	41·1	41·1	41·0	41·0	40·6	40·6	38·1	38·1	37·8	37·7	41·3	41·3
3	43·8	43·8	44·5	44·3	44·9	44·9	44·9	44·7	43·0	43·0	42·9	42·9	42·0	42·0	40·2	40·2	40·1	40·1	39·7	39·6	39·1	39·1	39·1	39·1	41·2	41·1
4	43·1	43·1	43·0	43·0	41·8	41·8	40·9	40·9	40·8	40·7	40·0	39·9	40·0	40·0	39·7	39·7	39·8	39·8	39·9	39·9	40·0	40·0	40·0	40·0	39·9	39·9
5	40·2	40·2	40·6	40·6	40·2	40·2	38·9	38·9	38·0	38·0	38·1	38·1	38·7	38·7	39·1	39·1	39·7	39·7	40·2	40·2	40·1	40·1	40·7	40·7	39·7	39·7
6	39·5	39·5	39·4	39·4	39·3	39·3	38·1	38·1	38·9	38·9	38·9	38·9	38·0	38·0	37·8	37·8	37·9	37·9	37·9	37·9	38·0	38·0	38·6	38·6	39·2	39·2
7	39·8	39·8	39·9	39·8	39·9	39·9	39·5	39·5	39·9	39·9	39·8	39·8	39·8	39·8	39·1	39·1	38·7	38·7	38·5	38·5	37·9	37·9	37·1	37·1	38·8	38·8
8	45·7	41·4	43·8	40·2	44·0	41·3	43·2	41·6	43·2	41·7	42·3	41·7	41·7	40·6	40·3	39·7	39·8	39·6	39·0	38·9	37·0	37·0	37·9	37·9	39·7	38·5
9	42·8	42·8	43·1	43·1	43·0	43·0	42·9	42·9	42·4	42·4	41·6	41·6	41·2	41·2	41·2	41·2	41·1	41·1	40·7	40·7	39·9	39·9	39·4	39·4	40·3	40·3
10	38·3	38·0	39·5	39·5	40·1	40·1	40·6	40·6	40·9	40·9	40·8	40·8	39·9	39·9	39·9	39·9	39·7	39·7	39·8	39·8	40·1	40·1	39·7	39·7	39·8	39·8
11	37·7	37·7	38·9	38·9	39·7	39·7	38·0	38·0	37·9	37·9	37·9	37·9	37·4	37·4	36·9	36·9	36·1	36·1	36·0	36·0	35·0	35·0	35·1	35·1	37·4	37·4
12	37·2	37·2	37·9	37·9	38·1	38·1	38·0	38·0	38·3	38·3	38·1	38·1	38·0	38·0	37·8	37·8	36·9	36·9	37·7	37·7	36·7	36·7	36·9	36·9	36·5	36·5
13	37·7	37·7	37·8	37·8	37·9	37·9	37·9	37·9	37·1	37·1	36·4	36·4	35·9	35·9	36·2	36·2	35·6	35·6	35·2	35·2	35·7	35·7	34·7	34·7	36·8	36·8
14	44·0	44·0	46·1	46·0	45·0	45·0	45·0	45·0	45·7	45·6	45·0	45·0	43·8	43·8	43·9	43·9	43·9	43·9	43·7	43·7	44·0	44·0	44·0	44·0	41·8	41·8
15	41·9	41·9	42·5	42·5	42·8	42·8	41·0	41·0	39·8	39·8	37·7	37·7	37·6	37·6	37·8	37·8	37·7	37·7	37·9	37·9	37·8	37·8	37·8	37·8	40·4	40·4
16	39·9	39·9	39·3	39·3	39·2	39·2	39·5	39·5	39·0	39·0	39·4	39·4	40·1	40·1	43·1	43·1	44·7	44·7	44·1	44·1	43·9	43·9	41·0	41·0	39·6	39·6
17	38·4	38·4	36·6	36·6	36·9	36·9	35·1	35·1	37·1	37·1	37·6	37·6	37·1	37·1	36·2	36·2	36·8	36·8	36·7	36·7	36·6	36·6	36·1	36·1	37·1	37·1
18	37·6	37·6	37·6	37·6	37·2	37·2	37·2	37·2	36·7	36·7	37·0	37·0	36·6	36·6	36·8	36·8	36·9	36·9	36·9	36·9	36·8	36·8	36·9	36·9	36·5	36·5
19	41·7	41·7	41·9	41·9	41·9	41·9	41·6	41·6	39·3	39·3	38·7	38·7	39·0	39·0	38·5	38·5	39·1	39·1	39·8	39·8	39·9	39·9	39·1	39·1	39·4	39·4
20	40·0	40·0	40·9	40·9	39·9	39·9	39·3	39·3	38·9	38·9	39·1	39·1	39·0	39·0	38·7	38·7	38·8	38·8	38·8	38·8	38·6	38·6	37·9	37·9	39·2	39·2
21	36·4	36·4	37·1	37·1	38·7	38·7	37·7	37·7	37·9	37·9	37·4	37·4	37·6	37·6	37·9	37·9	37·8	37·8	37·9	37·9	38·0	38·0	38·0	38·0	36·7	36·7
22	33·9	33·9	33·9	33·9	33·9	33·9	33·9	33·9	33·4	33·4	31·8	31·8	31·2	32·0	32·1	32·1	32·1	32·1	32·1	32·1	33·3	33·3	33·2	33·2	34·5	34·5
23	36·2	36·2	36·7	36·7	36·1	36·1	36·3	36·3	35·6	35·6	34·9	34·9	34·4	34·4	34·3	34·3	34·1	34·1	33·5	33·5	32·2	32·2	31·9	31·9	34·4	34·4
24	35·0	35·0	34·3	34·3	34·1	34·1	34·6	34·6	34·0	34·0	33·1	33·1	33·5	33·5	33·7	33·7	33·9	33·9	34·7	34·7	35·3	35·3	35·5	35·5	33·0	33·0
25	38·3	38·3	37·7	37·7	37·0	37·0	36·2	36·2	34·9	34·9	33·3	33·3	32·1	32·1	31·3	31·3	31·7	31·7	32·0	32·0	32·2	32·2	32·1	32·1	35·3	35·3
26	35·9	35·9	35·1	35·1	35·7	35·7	36·3	36·3	36·8	36·8	37·4	37·4	37·9	37·9	38·3	38·3	38·8	38·8	39·7	39·7	40·1	40·1	40·6	40·6	35·5	35·5
27	40·1	40·1	39·7	39·7	39·0	39·0	39·1	39·1	38·7	38·7	38·7	38·7	38·7	38·7	39·1	39·1	39·3	39·3	39·7	39·7	39·8	39·8	39·3	39·3	39·7	39·6
28	45·9	45·9	46·0	46·0	46·1	46·1	45·9	45·9	45·9	45·9	45·7	45·7	45·2	45·2	45·6	45·6	45·1	45·1	45·1	45·1	44·9	44·9	44·1	44·1	44·1	44·1
29	40·7	40·7	40·8	40·8	40·7	40·7	40·9	40·9	39·9	39·9	39·7	39·7	39·1	39·1	39·5	39·5	38·8	38·8	38·8	38·8	38·8	38·8	38·0	38·0	39·3	39·3
30	38·1	38·1	39·8	39·8	39·6	39·6	39·0	39·0	38·7	38·7	37·2	37·2	35·9	35·9	35·5	35·5	35·8	33·6	37·9	34·4	39·9	36·1	39·4	34·8	37·4	36·9
31	42·1	41·9	42·0	41·8	42·9	42·9	41·6	41·6	41·2	41·2	41·0	41·0	40·6	40·6	40·9	40·9	40·6	40·6	39·3	39·3	39·0	39·0	39·1	39·1	40·2	38·8
MEAN	40·0	39·8	40·2	40·0	40·1	40·0	39·7	39·6	39·4	39·2	38·9	38·8	38·6	38·6	38·6	38·5	38·6	38·5	38·6	38·5	38·4	38·3	38·2	38·0	38·7	38·6

TEMPERATURE. DRY AND WET BULBS. SEPTEMBER 1889.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	38·8	38·8	38·1	37·6	39·0	38·7	38·2	38·2	38·5	38·5	38·3	38·3	40·2	39·0	40·7	39·7	42·0	40·1	43·5	42·8	43·9	43·1	45·1	44·2	46·9	38·1
2	40·8	40·8	42·2	42·2	42·7	42·7	43·0	43·0	42·5	42·5	42·2	41·7	43·4	42·5	41·7	41·5	41·2	41·1	41·7	41·7	42·6	42·6	42·7	42·7	46·1	39·0
3	39·1	39·1	40·4	40·4	44·0	42·9	43·0	42·0	44·5	42·8	44·6	43·2	43·9	43·4	45·3	45·0	42·0	42·0	42·2	42·2	43·4	43·4	44·4	44·4	49·0	39·1
4	46·9	46·9	46·9	46·9	47·0	47·0	47·0	47·0	47·0	47·0	46·9	46·9	47·1	47·1	47·3	47·3	47·7	47·7	48·3	48·3	48·6	48·6	49·0	49·0	49·4	46·7
5	46·5	46·5	45·7	45·7	44·7	44·7	43·3	42·9	43·2	42·8	43·4	40·6	44·4	40·4	45·5	42·6	46·6	43·8	47·9	45·4	49·2	46·7	50·8	46·6	52·9	43·2
6	46·8	46·8	46·3	46·3	45·0	45·0	44·0	43·8	45·1	45·1	45·4	45·3	45·9	45·8	46·5	46·5	48·2	47·4	48·0	47·4	50·1	49·1	52·3	50·1	**54·4**	44·0
7	46·1	45·9	45·9	43·9	45·7	42·0	45·8	39·9	44·8	39·9	46·1	37·1	47·7	37·4	49·5	39·2	48·5	36·6	51·1	41·3	49·9	42·0	49·4	43·5	51·1	41·5
8	41·9	41·9	41·9	41·9	39·8	39·8	38·4	38·9	37·8	37·8	37·8	37·8	37·7	37·7	38·0	38·0	38·3	38·3	38·5	38·5	39·8	39·8	40·7	40·7	42·9	37·7
9	42·5	42·5	42·8	42·8	43·0	43·0	43·1	43·1	42·9	42·9	42·5	42·5	41·8	41·8	42·1	42·1	41·7	41·7	41·7	41·7	41·3	41·3	42·3	42·3	43·1	39·3
10	41·4	41·4	41·6	41·6	41·6	41·6	41·2	41·2	40·6	40·6	40·3	40·3	41·9	41·9	43·4	43·4	44·9	44·9	46·1	46·1	47·9	47·9	47·9	47·9	48·9	40·3
11	46·9	46·9	46·8	46·8	46·6	46·6	46·7	46·7	46·4	46·4	46·2	46·2	45·8	45·8	46·2	46·2	47·0	47·0	46·5	46·5	47·7	47·7	47·1	47·1	47·7	44·2
12	46·0	46·0	45·4	45·4	44·9	44·9	44·8	44·8	44·2	44·2	43·7	43·7	44·3	44·2	45·1	45·0	45·8	45·7	46·5	46·4	46·9	43·1	47·0	41·7	50·4	43·7
13	48·0	48·0	48·1	48·1	47·8	47·8	47·1	47·1	46·7	46·7	46·1	46·1	45·5	45·5	44·6	44·6	43·4	43·4	43·6	43·6	44·9	44·9	45·9	45·8	48·1	43·4
14	43·9	43·9	43·8	43·8	43·6	43·6	43·7	43·7	43·7	43·7	43·5	43·5	43·6	43·6	43·6	43·6	44·3	44·3	44·6	44·6	43·9	43·8	44·3	44·3	44·6	36·6
15	40·8	31·6	40·0	31·0	39·9	31·1	39·0	32·6	37·5	33·9	35·9	35·3	35·8	35·7	36·6	35·8	37·6	37·2	39·3	38·5	39·6	38·3	41·4	39·6	42·2	35·8
16	35·5	35·5	34·8	34·8	33·9	33·9	33·2	33·0	33·8	33·8	35·0	35·0	35·8	35·7	38·3	37·7	38·7	38·0	37·6	37·4	37·6	37·6	37·4	37·4	39·8	33·2
17	36·9	36·9	36·6	36·6	36·7	36·7	37·6	37·7	38·0	38·0	38·4	38·4	39·1	39·1	39·8	39·8	40·1	40·1	40·4	40·4	40·5	40·5	40·4	40·4	40·9	36·6
18	41·3	41·3	41·7	41·7	41·4	41·4	41·8	41·8	41·6	41·6	41·2	41·2	41·1	41·1	40·6	40·6	40·2	40·2	40·6	40·6	40·7	40·7	40·8	40·8	41·8	34·0
19	34·9	34·9	34·8	34·8	35·0	35·0	34·7	34·7	32·8	32·8	31·7	32·0	32·1	32·1	31·9	31·9	30·4	30·4	29·6	29·6	29·0	29·0	28·5	28·5	35·0	27·9
20	28·0	28·0	28·1	28·1	27·8	27·8	27·7	27·7	27·8	27·8	27·4	27·4	27·0	27·0	27·6	27·6	27·8	27·8	28·5	28·5	28·7	28·7	28·8	28·7	29·1	25·8
21	25·8	25·9	26·0	26·1	25·0	25·0	25·0	25·0	24·9	25·0	24·6	24·7	23·8	23·9	24·9	25·0	26·0	26·0	26·2	26·2	26·4	26·4	27·1	27·2	27·1	23·3
22	23·5	23·7	23·6	23·8	23·9	23·9	24·1	24·1	23·9	24·0	24·3	24·4	25·0	25·0	25·6	25·6	25·8	25·8	25·9	25·9	27·5	27·5	27·5	27·5	28·3	23·5
23	24·7	24·7	24·1	24·1	24·0	24·0	24·2	24·2	23·8	24·0	23·8	23·9	24·1	24·1	24·0	24·1	25·1	25·4	25·9	25·7	25·9	25·8	27·6	27·6	30·3	23·8
24	24·1	23·8	23·2	23·1	22·4	22·8	22·1	22·2	22·3	22·6	21·4	21·4	21·1	21·0	21·8	21·7	24·1	23·5	23·1	22·8	26·0	25·5	25·3	25·0	26·5	**21·1**
25	23·1	23·1	23·0	23·0	23·2	23·2	22·3	22·3	22·5	22·5	23·9	23·9	24·5	24·5	25·1	25·1	25·3	25·3	25·9	25·9	26·9	26·9	28·7	28·7	28·7	22·3
26	28·1	28·1	28·4	28·4	29·1	29·1	30·0	30·0	32·0	32·0	32·3	32·3	33·8	33·8	36·4	36·4	38·6	38·6	41·0	40·8	41·8	41·8	42·8	42·7	44·2	28·1
27	38·6	38·6	38·9	38·9	38·9	38·9	38·8	38·8	38·9	38·9	38·9	38·9	39·0	39·0	38·7	38·7	38·0	38·0	37·8	37·8	37·7	37·7	37·8	37·8	39·0	33·4
28	33·3	33·3	33·6	33·6	33·2	33·2	33·1	33·1	32·3	32·3	31·0	31·8	29·9	29·9	30·6	30·6	30·8	30·8	30·7	30·7	31·1	31·1	31·4	31·4	33·6	28·1
29	28·2	28·2	28·9	28·9	29·0	29·0	28·0	28·0	28·3	28·3	28·0	28·0	27·9	27·9	28·5	28·5	28·8	28·8	29·1	29·1	30·0	30·0	30·0	30·0	36·8	27·9
30	36·1	36·1	34·3	34·3	33·8	33·8	32·8	32·8	31·6	32·1	30·5	30·5	30·9	30·9	31·5	31·5	31·4	31·4	31·1	31·1	31·6	31·6	30·0	30·0	36·1	27·2
MEAN	37·3	37·0	37·2	36·8	37·1	36·6	36·8	36·3	36·7	36·4	36·5	36·1	36·8	36·2	37·4	36·8	37·7	37·0	38·1	37·6	38·7	38·1	39·1	38·5	41·2	34·3

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	46·1	44·7	45·8	43·9	46·1	44·8	46·9	45·1	46·9	44·9	45·9	44·8	44·6	43·7	43·6	43·2	43·0	43·0	42·4	42·4	41·7	41·7	41·8	41·8	42·5	41·8
2	43·5	43·5	43·2	43·2	46·1	45·6	43·8	43·8	42·6	42·6	41·9	41·9	40·7	40·7	39·7	39·7	39·4	39·4	39·2	39·2	39·4	39·4	39·0	39·0	41·9	41·8
3	45·4	45·4	46·6	46·6	47·6	47·6	49·0	48·9	48·2	48·2	48·4	48·4	47·3	47·3	47·0	47·0	46·8	46·8	47·1	47·1	46·8	46·8	46·8	46·8	45·2	44·9
4	48·9	48·9	49·4	49·4	48·3	48·3	48·7	48·7	48·2	48·1	47·7	47·6	47·6	47·6	47·6	47·6	46·8	46·8	46·8	46·8	46·7	46·7	46·7	46·7	47·6	47·6
5	51·4	47·2	52·9	48·7	52·9	49·3	51·3	49·6	49·9	49·2	49·3	49·0	47·7	47·4	46·8	46·7	46·8	46·8	45·8	45·8	45·7	45·7	46·8	46·8	47·4	45·9
6	52·5	49·9	54·4	51·1	53·7	50·8	53·8	50·8	52·5	47·7	50·2	47·4	49·0	47·8	48·9	46·1	48·0	46·8	47·1	45·8	46·9	46·6	46·8	46·2	48·6	47·3
7	50·0	43·6	47·9	43·2	47·8	45·7	45·2	43·6	43·2	42·9	41·8	41·7	41·5	41·5	41·9	41·9	41·7	41·7	41·7	41·7	41·8	41·8	41·8	41·8	45·7	41·7
8	41·6	41·6	41·7	41·7	42·3	42·3	42·7	42·7	42·9	42·9	42·9	42·9	42·7	42·7	41·9	41·9	41·0	41·0	41·8	41·8	41·9	41·9	42·2	42·2	40·7	40·7
9	41·0	41·0	39·9	39·9	40·0	39·8	40·3	39·7	39·7	39·3	39·7	39·5	39·3	39·2	39·7	39·7	39·8	39·8	40·2	40·2	40·8	40·8	41·0	41·0	41·2	41·2
10	48·3	48·3	48·9	48·9	48·7	48·7	48·1	48·1	47·7	47·7	47·9	47·9	47·9	47·9	47·9	47·9	47·3	47·3	47·1	47·1	47·0	47·0	46·9	46·9	45·5	45·5
11	47·3	47·3	46·9	46·9	46·2	46·1	45·2	45·2	44·2	44·1	45·2	45·1	44·9	44·9	46·6	46·6	46·9	46·9	47·0	47·0	46·8	46·8	46·5	46·5	46·4	46·4
12	49·0	39·7	46·7	45·7	47·5	45·2	47·2	45·0	50·4	39·6	50·2	38·5	49·1	38·0	48·1	39·9	48·7	42·2	47·7	44·9	48·0	48·0	48·1	48·1	46·9	43·7
13	45·5	45·4	46·0	46·0	45·7	45·7	45·4	45·4	45·6	45·6	45·2	45·2	45·0	45·0	45·1	45·0	44·9	44·9	45·0	45·0	44·9	44·9	44·8	44·8	45·6	45·6
14	43·8	43·8	43·5	43·5	43·2	42·7	42·9	42·9	41·6	40·2	43·3	34·4	42·1	32·8	40·3	33·1	36·9	34·9	36·6	35·8	38·0	32·7	40·0	31·8	42·4	40·6
15	42·2	40·6	41·7	40·1	41·0	40·1	40·4	39·7	38·7	37·9	38·4	38·0	37·8	37·3	37·9	35·0	41·2	34·2	38·1	36·9	37·2	36·7	36·1	36·0	38·9	36·4
16	38·7	38·7	39·0	39·0	39·2	39·2	39·8	39·8	38·7	38·7	38·1	38·1	37·7	37·7	37·9	37·9	37·8	37·8	37·7	37·7	37·6	37·6	37·1	37·1	37·1	37·0
17	40·6	40·6	40·7	40·7	40·1	40·0	39·8	39·8	39·9	39·9	39·9	39·9	40·1	40·1	39·8	39·8	39·8	39·8	40·1	40·1	40·7	40·7	40·9	40·9	39·5	39·5
18	40·4	40·4	39·9	39·9	38·9	38·9	37·6	37·6	36·5	36·5	35·7	35·7	37·0	37·0	37·8	37·8	38·0	38·0	35·4	35·4	34·1	34·1	34·0	34·0	39·1	39·1
19	28·4	28·4	28·8	28·8	29·3	29·3	28·5	28·5	28·5	28·5	28·4	28·4	28·2	28·2	27·9	27·9	28·2	28·2	28·0	28·0	28·0	28·0	28·2	28·2	30·2	30·3
20	28·9	28·9	29·1	29·1	28·8	28·9	28·3	28·4	28·2	28·3	27·3	27·4	26·5	26·6	25·9	26·0	26·0	26·1	25·8	25·9	26·1	26·2	26·1	26·2	27·6	27·6
21	26·3	26·3	26·7	26·8	26·7	26·7	26·6	26·7	25·4	25·4	24·2	24·2	24·4	24·4	24·2	24·2	24·1	24·1	23·7	23·7	23·3	23·5	23·6	23·8	25·2	25·3
22	28·3	28·3	27·6	27·6	27·5	27·5	26·8	26·9	26·2	26·3	26·2	26·3	25·4	25·4	25·1	25·1	25·0	25·0	24·9	24·9	24·9	24·9	24·7	24·7	25·6	25·6
23	29·9	29·9	30·2	30·2	30·3	30·4	30·0	31·0	28·8	28·9	27·8	27·9	26·7	26·7	26·7	26·8	26·0	26·1	25·2	25·3	24·9	24·5	24·2	24·3	26·2	26·2
24	26·5	26·4	25·7	25·5	25·6	25·6	25·0	25·0	25·1	25·1	24·0	24·0	22·7	22·8	22·9	23·0	22·3	22·3	22·9	22·9	23·1	23·1	23·0	23·0	23·6	23·5
25	28·5	28·5	28·2	28·2	28·6	28·6	28·0	28·0	27·8	27·8	26·4	26·4	26·5	26·5	27·0	27·0	27·0	27·0	26·9	26·9	27·2	27·2	27·2	27·2	26·0	26·0
26	43·5	43·4	43·4	43·4	44·2	44·1	42·3	42·3	41·5	41·5	40·1	40·1	39·1	39·1	38·8	38·8	38·3	38·3	38·5	38·5	37·2	37·2	38·3	38·3	37·5	37·5
27	38·2	38·2	37·2	37·2	37·3	37·3	36·8	36·8	35·1	35·1	34·9	34·9	35·0	35·0	35·3	35·3	35·2	35·2	35·4	35·4	34·3	34·3	23·4	33·4	37·1	37·1
28	32·0	32·0	32·0	32·0	32·0	32·0	31·4	31·4	30·9	30·9	30·2	30·2	29·6	29·6	28·5	28·5	29·1	29·1	28·9	28·9	28·8	28·8	28·1	28·1	30·9	31·0
29	31·0	31·0	31·0	31·0	30·1	30·1	30·5	30·5	29·7	29·7	31·8	31·8	32·2	32·2	32·9	32·9	35·2	35·2	36·3	36·3	36·8	36·8	36·2	36·2	30·8	30·8
30	30·1	30·1	29·8	29·8	29·8	29·8	29·8	29·8	29·7	29·7	29·0	29·0	29·0	29·0	28·5	28·5	27·8	27·8	27·6	27·6	27·2	27·2	27·8	27·8	30·5	30·5
MEAN	39·6	38·7	39·5	38·9	39·5	39·0	39·1	38·7	38·5	37·8	38·1	37·2	37·6	36·8	37·4	36·7	37·3	36·8	37·0	36·8	36·9	36·7	36·9	36·7	37·8	37·3

TEMPERATURE. DRY AND WET BULBS. OCTOBER 1889.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	28·2	28·0	30·2	29·2	29·1	29·0	29·2	28·6	32·0	28·7	30·7	28·7	29·4	28·0	28·2	28·3	30·8	28·7	29·8	29·6	30·0	30·1	30·8	30·8	32·2	28·2
2	28·7	28·8	28·9	29·0	28·9	29·0	28·9	28·9	28·6	28·6	28·5	28·5	28·3	28·3	28·6	28·6	29·4	29·4	30·2	30·2	30·2	30·2	30·2	30·2	32·3	28·3
3	29·9	29·0	29·8	28·2	29·8	29·2	29·5	29·0	28·4	28·0	28·0	27·0	28·0	27·0	28·7	28·2	29·1	28·3	30·8	29·8	30·6	29·4	32·0	30·5	32·4	28·0
4	31·2	31·2	32·0	32·0	32·2	32·2	32·2	32·2	32·2	32·2	32·2	32·2	33·0	32·6	33·0	33·0	33·0	33·0	33·9	33·9	34·9	34·9	35·1	35·1	36·0	31·2
5	33·8	33·8	33·0	33·0	32·9	32·9	32·2	32·2	32·1	32·1	32·2	32·2	32·3	32·3	32·5	32·5	33·7	33·7	33·7	33·7	34·0	34·0	34·0	34·0	34·8	32·1
6	34·2	34·2	33·8	33·8	32·0	32·0	32·7	32·7	34·2	34·2	34·2	34·2	33·5	33·5	33·0	33·0	33·8	33·8	32·2	32·2	33·1	33·1	33·1	33·1	34·2	32·0
7	32·8	32·8	32·0	32·0	31·1	31·1	31·1	31·1	31·2	31·2	33·5	33·5	34·1	34·1	34·3	34·3	33·4	33·4	33·0	33·0	32·6	32·6	32·2	32·2	34·3	29·7
8	29·5	29·5	28·9	28·9	28·3	28·3	28·2	28·2	27·9	27·9	26·5	26·5	27·0	27·0	27·5	27·5	26·8	26·8	27·7	27·8	27·7	27·8	27·1	27·2	29·5	24·9
9	26·1	26·1	26·3	26·3	26·2	26·2	25·8	25·8	25·1	25·1	24·4	24·4	24·0	24·0	24·8	24·8	25·2	25·2	26·3	26·4	26·1	26·2	26·3	26·4	29·0	24·0
10	25·9	26·0	25·9	26·0	26·1	26·2	27·6	27·7	28·0	28·0	29·1	29·1	29·2	29·2	29·7	29·7	30·2	30·2	31·5	31·5	31·5	31·5	31·6	31·6	32·1	25·9
11	31·4	31·6	31·3	31·4	31·3	31·3	31·1	31·1	31·0	31·0	31·1	31·1	31·0	31·0	31·5	31·5	32·0	32·0	32·0	32·0	32·2	32·2	32·4	32·2	32·5	28·1
12	28·9	28·9	28·2	28·8	29·2	29·0	29·6	29·6	30·0	29·4	29·1	28·0	28·8	28·5	30·5	30·0	31·8	31·6	32·0	31·2	32·6	31·8	32·3	31·2	33·1	28·2
13	29·2	29·2	28·6	28·7	29·2	29·2	29·8	29·8	30·0	30·0	30·0	30·0	30·1	30·1	29·7	29·7	29·7	29·7	29·0	29·1	29·1	29·2	30·2	30·2	31·0	28·6
14	30·3	30·3	30·4	30·4	30·2	30·2	30·0	30·0	30·0	30·0	29·8	29·8	29·6	29·6	29·5	29·5	29·8	29·8	30·0	30·0	30·4	30·6	30·8	30·8	31·1	29·5
15	29·8	29·9	30·0	30·0	30·8	30·8	31·0	31·0	31·4	31·4	31·3	31·3	31·4	31·4	31·3	31·3	32·0	32·0	32·1	32·1	32·1	32·1	32·4	32·2	35·8	29·8
16	34·2	34·2	33·8	33·8	33·8	33·8	33·6	33·6	33·8	33·8	33·8	33·8	33·2	33·2	33·3	33·3	33·1	33·1	33·2	33·2	33·3	33·3	33·2	33·2	34·3	31·0
17	30·4	30·0	30·8	29·7	30·2	29·6	31·0	30·0	30·9	30·0	31·4	30·0	32·0	30·0	32·3	30·6	33·3	32·0	36·8	35·6	38·3	36·8	36·2	35·1	38·3	30·2
18	31·7	31·7	32·0	32·1	31·2	31·2	31·2	31·3	31·0	30·9	31·6	31·7	31·5	31·5	31·8	31·8	32·0	32·0	32·0	32·0	32·0	32·0	32·1	32·1	33·0	31·0
19	32·8	32·8	32·2	32·2	32·1	32·1	32·8	32·8	32·1	32·1	32·0	32·0	32·2	32·2	33·0	33·0	34·0	34·0	34·7	34·7	35·0	35·0	35·0	35·0	35·0	30·2
20	31·9	31·9	32·0	32·0	32·1	32·1	32·9	32·1	33·0	33·0	32·8	32·8	32·9	32·9	33·1	33·1	33·1	33·1	32·0	32·0	32·2	32·2	32·6	32·6	34·4	31·9
21	33·3	33·3	33·1	33·1	33·2	33·2	33·1	33·1	33·0	33·0	33·0	33·0	32·3	32·3	32·1	32·1	32·0	32·0	32·4	32·4	32·9	32·2	32·9	32·9	33·3	31·3
22	31·8	31·8	31·9	31·9	31·8	31·8	31·1	31·1	31·0	31·0	30·0	30·0	29·2	29·2	30·0	30·0	29·8	29·8	30·2	30·2	30·1	30·1	30·6	30·2	31·9	29·1
23	28·0	28·0	27·0	27·0	27·2	27·2	27·0	27·1	27·7	27·7	28·1	28·1	28·6	28·4	28·7	28·7	29·2	29·2	29·0	29·0	29·8	29·8	30·0	30·0	31·1	27·0
24	28·6	28·6	29·1	29·1	29·0	29·0	28·6	28·7	28·4	28·4	28·1	28·1	27·9	27·9	27·8	27·9	28·3	28·3	28·6	28·8	29·6	29·8	29·8	29·9	30·4	25·1
25	25·0	25·0	24·3	24·3	24·1	24·1	24·4	24·2	24·5	23·9	24·0	24·0	24·6	24·2	25·8	25·0	25·5	25·6	25·5	25·6	26·3	26·5	26·0	26·2	26·5	23·9
26	24·1	24·1	24·4	24·4	23·7	23·9	23·1	23·1	23·2	23·2	23·9	23·9	23·6	23·6	23·8	23·8	24·2	24·2	24·9	24·9	25·3	25·3	25·9	25·9	26·1	23·1
27	25·1	25·1	25·1	25·0	24·2	24·2	24·3	24·3	24·4	24·4	23·5	23·5	22·2	22·2	22·0	22·0	23·1	23·1	23·9	23·9	25·2	25·0	26·7	26·3	26·7	22·0
28	23·3	23·2	22·9	22·9	22·2	22·1	22·0	22·0	22·1	22·1	21·8	21·9	22·2	21·8	23·3	22·5	28·6	22·0	28·9	23·3	30·3	24·9	31·5	26·6	31·5	21·8
29	28·0	28·0	27·2	27·2	26·9	26·9	26·9	26·9	27·2	27·2	28·6	28·6	29·0	29·0	30·0	30·0	30·6	30·6	31·1	31·1	31·9	31·9	32·1	32·1	36·0	26·9
30	32·0	32·0	30·9	31·0	30·2	30·4	32·1	32·1	33·7	33·7	36·1	36·1	36·8	36·8	37·1	37·1	37·5	37·5	37·0	37·0	37·1	37·1	35·9	35·9	37·5	26·8
31	27·2	27·2	27·3	27·3	27·9	28·0	28·0	28·0	27·8	27·8	27·0	27·0	27·0	27·0	27·8	27·8	30·0	30·0	30·8	30·8	31·3	31·3	32·2	32·2	33·0	27·0
MEAN	29·6	29·6	29·5	29·4	29·3	29·2	29·4	29·3	29·5	29·4	29·6	29·4	29·5	29·3	29·8	29·7	30·5	30·1	30·8	30·5	31·2	30·9	31·4	31·1	32·6	28·0

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	31·9	31·9	32·2	32·1	32·0	32·0	32·2	32·0	32·0	31·8	30·8	30·4	30·0	29·7	29·9	29·6	29·0	28·9	28·2	28·2	28·2	28·2	29·1	28·9	30·2	29·6
2	30·9	30·9	32·0	31·1	32·3	31·0	31·9	31·0	31·2	30·3	30·7	30·4	30·7	30·4	30·7	30·7	30·2	30·1	30·2	30·0	30·2	29·9	30·0	29·0	30·0	29·8
3	32·4	31·0	32·3	31·5	32·0	31·0	31·0	30·2	30·5	32·2	30·0	28·9	30·0	28·7	29·8	29·2	30·0	30·0	30·6	30·6	30·0	30·0	31·1	31·1	30·2	29·5
4	35·7	35·7	35·9	35·9	36·0	36·0	35·9	35·9	35·2	35·2	34·8	34·8	34·8	34·8	34·0	34·0	34·0	34·0	34·2	34·2	34·2	34·2	34·8	34·8	33·9	33·9
5	34·2	34·2	34·8	34·8	34·7	34·7	34·4	34·4	34·0	34·0	34·0	34·0	34·2	34·2	34·1	34·1	34·2	34·2	33·7	33·7	32·1	32·1	33·1	33·1	33·5	33·5
6	32·6	32·6	32·1	32·1	32·7	32·7	32·2	32·2	32·0	32·0	32·2	32·2	32·2	32·2	32·2	32·2	32·3	32·3	33·0	33·0	33·3	33·3	33·2	33·2	32·9	32·9
7	32·2	32·2	32·1	32·1	32·2	32·2	32·3	32·3	32·1	32·1	31·6	32·1	31·1	31·1	30·3	30·3	29·8	29·8	30·2	30·2	30·3	30·3	29·7	29·7	31·9	31·9
8	26·2	26·3	26·0	26·0	26·1	26·1	26·4	26·4	26·1	26·2	25·7	25·8	24·9	25·0	25·4	25·4	25·8	25·8	26·2	26·2	25·3	25·3	25·8	25·8	26·8	26·8
9	26·9	27·0	27·9	28·0	29·0	29·0	27·8	27·9	26·7	26·7	26·4	26·4	26·2	26·2	26·8	26·9	26·8	26·8	27·2	27·2	27·0	27·0	27·0	27·1	26·3	26·4
10	32·0	32·0	32·1	32·1	32·0	32·0	31·7	32·0	31·9	31·9	31·7	31·7	31·8	31·8	32·0	32·0	31·7	31·9	32·0	32·0	31·7	31·9	31·3	31·4	30·3	30·4
11	32·5	32·5	32·5	32·5	32·2	32·2	32·0	32·0	31·7	32·0	31·0	30·5	30·0	29·5	29·3	29·0	29·1	29·0	28·1	28·1	28·3	28·6	29·8	29·8	31·0	31·0
12	33·1	32·2	32·2	32·2	32·0	32·1	31·8	31·3	31·6	31·2	31·0	30·6	31·0	30·8	31·5	31·5	30·2	30·2	30·8	30·9	29·3	29·3	30·0	30·0	30·7	30·4
13	30·5	30·5	31·0	31·0	30·7	30·7	30·2	30·2	29·2	28·9	29·1	28·8	29·1	29·0	29·6	29·6	29·2	29·2	29·2	29·2	29·3	29·3	30·0	30·0	29·7	29·6
14	31·1	31·1	30·5	30·5	30·6	30·6	30·7	30·7	30·4	30·4	30·3	30·3	30·8	30·8	30·4	30·5	30·2	30·2	30·3	30·3	30·1	30·1	30·0	30·0	30·3	30·3
15	33·2	33·2	33·5	33·5	34·9	34·9	35·7	35·7	35·8	35·8	35·6	35·6	34·7	34·7	34·1	34·1	34·2	34·2	34·0	34·0	34·3	34·3	34·1	34·1	32·9	32·9
16	33·8	33·8	34·0	34·0	34·3	34·3	33·9	33·9	33·1	33·1	33·0	33·0	33·0	33·0	32·8	32·8	32·8	32·8	32·0	32·0	31·0	32·0	31·8	31·8	33·2	33·3
17	37·9	36·3	38·0	36·0	37·0	34·8	35·8	34·1	34·0	33·1	33·1	32·1	32·7	31·8	32·3	32·0	32·8	32·0	32·1	31·6	31·8	31·8	31·6	31·0	33·4	32·3
18	32·1	32·1	32·1	32·1	32·3	32·3	32·8	32·5	32·1	32·1	32·0	32·0	32·8	32·2	32·9	32·9	32·9	32·9	33·0	33·0	32·9	32·9	32·9	32·9	32·1	32·1
19	33·8	33·8	33·9	33·9	33·2	33·2	32·2	32·2	31·8	32·0	31·9	31·9	31·4	31·4	31·5	31·5	30·9	30·9	30·2	30·1	31·8	31·8	31·5	31·5	32·6	32·6
20	33·0	33·0	33·3	33·3	33·7	33·7	33·9	33·9	34·4	34·4	34·1	34·1	32·4	32·4	33·3	33·2	33·8	33·8	33·2	33·2	33·4	33·4	33·1	33·1	33·0	33·0
21	33·0	33·0	32·9	32·9	31·9	32·1	32·0	32·0	32·1	32·0	32·2	32·2	32·2	32·2	32·1	32·1	32·0	32·0	32·0	32·0	31·9	31·9	31·3	31·5	32·5	32·4
22	30·9	30·3	31·1	30·3	30·7	30·3	30·0	30·0	30·0	29·8	30·3	30·3	29·6	29·6	29·5	29·7	29·8	29·9	29·8	29·8	29·1	29·1	29·1	29·1	30·3	30·2
23	30·9	30·9	30·8	30·8	31·1	31·1	30·1	30·1	30·0	30·0	30·0	30·0	29·9	29·9	29·1	29·1	29·1	29·1	29·5	29·6	29·1	29·2	28·7	28·9	29·1	29·1
24	29·7	29·8	29·9	29·9	30·4	30·4	30·0	30·0	28·5	28·8	27·8	28·0	27·8	28·0	26·8	26·8	26·4	26·7	26·4	26·5	26·0	26·0	25·1	25·1	28·2	28·3
25	26·1	26·3	26·5	26·6	26·2	26·2	25·8	25·8	25·5	25·5	25·3	25·4	25·1	25·2	24·1	24·1	23·9	24·0	24·0	24·0	24·0	24·0	24·0	24·0	25·0	25·0
26	26·0	26·0	26·1	26·1	25·9	25·9	25·4	25·5	25·3	25·3	25·0	25·0	25·1	25·1	24·1	24·2	24·4	24·4	25·0	25·0	25·0	25·0	25·1	25·1	24·7	24·7
27	25·1	24·8	25·0	24·5	25·1	24·9	24·4	24·2	25·2	25·0	25·2	25·2	25·2	25·2	25·2	25·2	24·3	24·3	24·1	24·1	24·0	23·7	23·2	23·2	24·4	24·3
28	30·0	26·4	31·0	26·9	29·9	26·9	27·9	26·9	29·9	25·9	30·1	25·9	30·4	26·3	31·0	27·0	28·3	27·0	29·2	26·1	28·2	26·2	28·0	27·0	27·2	24·7
29	32·2	32·2	32·8	32·3	33·9	33·9	34·8	34·8	35·1	35·1	35·6	35·6	36·0	36·0	35·8	35·8	35·0	35·0	34·0	34·0	33·0	33·0	32·0	32·0	31·7	31·6
30	36·0	36·0	33·1	33·1	33·7	33·7	32·1	32·2	30·1	30·1	29·9	29·9	28·0	28·0	26·8	26·8	27·3	27·3	28·0	28·0	27·4	27·4	27·7	27·7	32·4	32·4
31	32·2	32·2	32·3	32·3	33·0	33·0	33·0	33·0	33·0	33·0	32·5	32·5	32·5	32·5	32·5	32·5	32·3	32·3	32·1	32·1	32·0	32·0	31·8	31·9	30·6	30·6
MEAN	31·6	31·3	31·6	31·3	31·7	31·4	31·3	31·1	31·0	30·8	30·7	30·5	30·5	30·2	30·3	30·2	30·1	30·0	30·1	30·0	29·8	29·7	29·9	29·8	30·4	30·2

TEMPERATURE. DRY AND WET BULBS. NOVEMBER 1889.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	31·3	31·3	31·6	31·7	31·8	31·8	31·6	31·6	31·8	31·8	29·2	29·2	27·8	27·8	27·9	27·9	28·8	28·8	29·8	29·8	29·5	29·5	28·9	28·9	31·8	24·8
2	27·0	27·0	26·1	26·1	25·7	25·7	27·7	27·7	26·8	26·8	26·6	26·6	27·2	27·2	28·5	28·5	28·9	28·9	29·2	29·2	29·2	29·2	29·7	29·7	29·9	25·7
3	26·7	26·7	26·9	26·8	28·1	28·1	29·0	29·0	29·3	29·3	29·2	29·2	29·6	29·6	30·7	30·7	31·0	31·0	32·0	32·0	32·2	32·2	33·0	33·0	33·9	26·7
4	29·2	29·2	28·0	28·0	27·9	27·9	27·2	27·2	27·0	27·0	26·2	26·2	26·1	26·1	24·1	24·1	23·8	23·8	23·2	23·2	22·8	22·8	24·0	23·6	29·2	22·8
5	26·7	26·7	27·0	27·0	27·6	27·6	28·1	28·1	28·3	28·3	28·7	28·7	28·8	28·8	28·7	28·7	28·8	28·8	29·0	29·0	29·3	29·3	30·0	30·0	32·9	26·1
6	26·9	26·9	26·2	26·2	27·1	27·1	27·6	27·6	27·4	27·4	27·8	27·8	27·9	27·9	29·0	29·0	30·2	30·2	31·1	31·1	31·9	31·9	32·2	32·2	**44·1**	26·2
7	43·1	43·1	42·3	42·3	41·2	41·2	40·9	40·9	41·0	41·0	40·4	40·4	40·2	40·2	40·2	40·2	39·8	39·8	39·6	39·6	39·8	39·8	39·9	39·9	43·1	31·0
8	30·0	30·0	30·5	30·5	30·6	30·6	31·7	31·7	31·8	31·8	32·0	32·0	31·1	31·1	31·1	31·1	31·1	31·1	31·1	31·1	31·9	31·9	31·4	31·4	39·8	30·0
9	38·9	38·9	38·8	38·8	38·9	38·9	39·0	39·0	39·0	39·0	38·9	38·9	38·6	38·6	38·8	38·8	39·7	39·7	39·4	39·4	40·1	40·1	39·4	39·4	40·1	35·0
10	37·6	37·6	38·8	38·8	38·9	38·9	40·9	40·9	41·1	41·1	40·4	40·4	40·0	40·0	39·5	39·5	41·2	41·2	41·6	41·6	42·3	42·3	41·9	41·9	43·1	37·6
11	41·0	34·9	42·3	34·5	43·1	35·1	43·0	35·6	42·2	34·4	41·7	35·8	43·1	37·8	43·3	38·3	43·4	38·4	42·9	37·5	41·9	38·5	42·5	39·9	43·4	36·1
12	36·3	36·4	37·1	36·9	34·8	34·9	34·0	34·0	34·4	34·4	34·5	34·5	34·7	34·7	34·7	34·7	34·7	34·7	34·3	34·3	34·4	34·4	34·4	34·4	37·1	34·0
13	34·4	34·4	33·2	33·2	33·0	33·0	32·2	32·2	32·1	32·1	32·1	32·1	32·0	32·0	32·0	32·0	32·1	32·1	32·5	32·5	32·8	32·8	33·1	33·1	34·4	29·2
14	28·0	25·2	25·9	25·9	26·3	26·5	26·1	25·2	25·7	25·9	25·5	25·9	28·3	27·9	28·8	28·2	29·8	29·2	30·1	29·9	28·7	28·8	29·9	29·9	33·8	25·5
15	33·3	33·3	33·3	33·3	33·8	33·8	33·7	33·7	33·9	33·9	34·4	34·4	34·4	34·4	34·7	34·7	34·8	34·8	34·7	34·7	34·4	34·4	34·6	34·6	36·9	32·5
16	32·1	32·1	29·8	29·8	29·9	29·9	28·7	28·7	28·3	28·3	26·6	26·6	27·5	27·5	27·2	27·2	26·9	26·9	27·8	27·8	27·5	27·5	28·1	28·1	32·1	26·3
17	25·3	25·2	25·7	25·3	26·9	24·7	30·4	25·7	31·0	21·5	29·9	25·4	29·1	26·0	26·8	26·8	28·4	28·4	29·7	29·7	30·2	30·2	31·2	31·2	33·0	25·3
18	33·1	33·1	34·2	34·1	35·0	35·0	35·6	35·6	36·2	36·2	36·6	36·6	36·9	36·9	38·5	38·5	37·4	37·4	37·3	37·3	37·4	37·4	37·0	37·0	38·5	33·1
19	37·4	37·4	37·1	37·1	37·0	37·0	36·9	36·9	35·8	35·8	35·3	35·3	35·7	35·7	35·8	35·8	35·5	35·5	34·8	34·8	34·5	34·5	34·1	34·1	37·4	32·8
20	34·0	34·0	34·8	34·8	35·1	35·1	35·0	35·0	35·4	35·4	35·3	35·3	34·9	34·9	34·4	34·4	34·0	34·0	34·0	34·0	34·1	34·1	34·3	34·3	35·4	28·3
21	29·1	29·1	29·8	29·8	29·8	29·8	30·2	30·2	30·5	30·5	31·1	31·1	31·6	31·6	31·6	31·6	31·6	31·6	32·0	32·0	31·9	31·9	31·8	31·8	36·6	29·1
22	37·0	37·0	36·6	36·6	37·2	37·2	37·9	37·9	37·9	37·9	37·6	37·6	33·6	33·6	33·5	33·5	33·4	33·4	33·9	33·9	34·4	34·4	34·4	34·4	37·9	29·4
23	29·1	29·1	29·1	29·1	29·1	29·1	28·2	28·2	27·7	27·7	27·4	27·4	27·6	27·6	27·6	27·6	27·6	27·6	27·6	27·6	27·6	27·6	27·9	27·9	29·3	26·0
24	26·8	26·9	27·7	27·7	28·2	28·2	29·0	29·0	29·1	29·1	29·1	29·1	30·2	30·2	30·5	30·5	31·4	31·4	31·7	31·7	32·0	32·0	32·1	32·1	33·0	26·8
25	25·2	25·2	24·0	24·0	23·1	23·1	22·9	23·0	21·1	21·1	20·5	20·5	21·1	21·1	21·3	21·3	20·3	20·3	19·7	19·7	19·4	19·6	18·4	18·8	25·2	15·6
26	16·3	16·3	16·9	16·9	16·0	16·0	15·7	15·7	15·3	15·3	15·3	15·3	15·2	15·2	14·9	14·9	15·4	15·4	13·6	13·6	13·6	13·5	13·9	13·9	16·9	13·6
27	13·3	13·3	13·2	13·2	13·2	13·2	12·8	12·8	12·5	12·5	12·7	12·7	12·9	12·9	12·9	12·9	13·6	13·6	14·5	14·5	14·7	14·7	14·4	14·3	15·9	**12·5**
28	16·1	16·1	17·0	17·0	17·0	17·0	17·7	17·7	18·1	18·1	18·5	18·5	19·2	19·2	20·2	20·2	20·4	20·4	21·3	21·3	21·7	21·7	22·0	22·0	25·0	16·1
29	25·2	25·2	26·0	26·0	26·0	26·0	26·7	26·7	27·4	27·4	27·6	27·6	28·0	28·0	28·5	28·5	28·1	28·1	28·6	28·6	29·0	29·0	29·0	29·0	29·0	25·0
30	25·4	25·3	27·0	27·0	26·2	26·2	26·3	26·4	26·4	26·4	26·5	26·5	26·8	26·8	27·2	27·2	27·7	27·7	27·8	27·8	28·1	28·1	32·1	32·1	32·2	25·4
MEAN	29·9	29·6	29·9	29·6	30·0	29·6	30·2	29·8	30·2	29·6	29·9	29·6	30·0	29·7	30·1	29·9	30·7	30·5	30·5	30·3	30·6	30·5	30·9	30·8	33·7	27·0

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	29·8	29·8	27·0	27·0	27·2	27·2	26·4	26·4	27·0	27·0	26·6	26·6	27·2	27·2	24·8	24·8	25·7	25·7	27·1	27·1	26·0	26·0	26·2	26·1	28·4	28·4
2	29·9	29·9	29·8	29·8	28·8	28·8	28·9	28·9	28·2	28·2	27·9	27·9	26·8	26·8	26·6	26·6	26·1	26·1	26·7	26·7	26·9	26·9	26·0	26·0	27·7	27·7
3	33·4	33·4	33·7	33·7	33·9	33·9	33·7	33·7	32·8	32·8	32·6	32·6	32·2	32·2	32·1	32·1	31·9	31·9	31·3	31·3	31·9	31·9	30·0	30·0	31·1	31·1
4	25·0	24·2	23·8	23·2	24·0	23·9	25·2	25·2	23·9	23·9	22·9	22·9	24·7	24·7	25·6	25·6	25·1	25·1	26·1	26·1	26·0	26·0	26·0	26·0	25·3	25·2
5	31·2	31·2	32·0	32·0	32·1	32·1	32·1	32·1	32·3	32·3	32·3	32·3	32·9	32·9	31·2	32·0	30·2	30·4	29·0	29·0	27·3	27·3	26·1	26·1	29·6	29·6
6	32·3	32·3	34·8	34·7	35·7	35·6	36·0	36·0	36·3	36·3	37·4	37·4	39·1	39·1	39·1	39·1	39·7	39·7	44·1	44·1	43·5	43·5	42·4	42·4	33·6	33·6
7	40·3	40·3	40·9	40·9	39·7	39·8	33·2	32·3	31·9	31·5	31·9	31·8	31·3	31·3	32·0	32·0	31·0	31·0	31·1	31·1	32·0	31·9	31·0	31·0	37·3	37·2
8	32·0	32·0	32·6	32·6	34·0	34·0	34·8	34·8	36·0	36·0	38·6	38·6	39·3	39·3	39·1	39·1	39·8	39·8	39·6	39·6	39·1	39·1	39·0	39·0	34·1	34·1
9	39·0	39·0	37·9	37·9	38·0	38·0	37·7	37·7	36·5	36·5	35·8	35·8	35·0	35·0	35·0	35·0	35·1	35·1	35·0	35·0	37·9	37·9	36·9	36·9	37·9	37·9
10	41·6	41·6	40·8	40·8	38·5	38·5	39·0	38·0	40·5	35·8	39·6	38·0	40·6	38·0	40·8	35·4	43·1	35·9	42·7	35·8	41·8	35·2	39·9	35·0	40·5	38·8
11	42·4	38·5	42·1	41·9	42·4	41·3	40·7	40·6	41·2	40·9	41·0	40·3	40·7	38·7	40·8	38·8	39·7	38·8	38·9	38·9	37·7	37·7	36·1	35·9	41·4	38·0
12	34·6	34·6	34·9	34·9	34·9	34·9	34·7	34·7	34·3	34·3	34·3	34·3	34·3	34·3	35·0	35·0	34·9	34·9	34·5	34·5	34·7	34·7	34·6	34·6	34·8	34·8
13	33·1	33·1	32·6	32·6	32·6	32·6	32·3	32·3	31·6	31·6	30·6	30·4	30·1	30·2	31·1	27·9	31·0	27·3	30·5	27·0	29·6	26·3	29·2	25·2	31·9	31·2
14	29·8	29·8	28·8	28·8	29·0	29·0	29·9	29·9	31·4	31·4	32·1	32·1	32·6	32·6	33·1	33·1	33·2	33·2	33·8	33·8	33·7	33·8	33·7	33·7	29·8	29·6
15	34·6	34·6	34·7	34·7	34·6	34·6	34·8	34·8	34·8	34·8	35·1	35·1	35·0	35·0	35·6	35·6	35·9	35·9	36·2	36·2	36·9	36·9	32·5	32·5	34·6	34·6
16	28·4	28·4	28·1	28·2	28·1	28·1	28·8	28·8	27·9	27·9	27·8	27·8	27·4	27·4	27·1	27·1	27·7	27·7	27·4	27·4	27·0	27·0	26·3	26·3	28·0	28·0
17	31·2	31·2	31·8	31·8	31·9	31·9	31·9	32·0	31·8	31·8	31·8	31·8	32·1	32·1	32·2	32·2	33·0	33·0	33·0	33·0	32·9	32·9	33·0	33·0	30·5	29·4
18	37·0	37·0	36·9	36·9	36·8	36·8	36·8	36·8	36·8	36·8	36·8	36·8	37·4	37·4	37·6	37·6	37·8	37·8	37·9	37·9	37·9	37·9	37·8	37·8	36·8	36·8
19	33·6	33·6	33·9	33·9	34·1	34·1	33·9	33·9	33·5	33·5	33·4	33·4	33·0	33·0	32·8	32·8	32·8	32·8	33·0	33·0	33·1	33·1	33·9	33·9	34·6	34·6
20	34·2	34·2	34·0	34·0	34·0	34·0	33·3	33·3	32·5	32·5	31·5	31·5	31·4	31·9	30·6	30·7	30·3	30·3	29·8	29·8	28·9	28·9	28·3	28·3	33·1	33·1
21	31·8	31·8	31·6	31·6	31·6	31·6	31·2	31·2	31·0	31·0	31·1	31·1	31·8	31·8	32·1	32·0	32·8	32·2	34·9	34·9	35·3	35·4	36·6	36·6	31·8	31·8
22	32·2	32·2	31·1	32·0	29·9	29·8	30·1	30·1	31·2	31·2	30·0	30·0	30·7	30·7	30·4	30·4	30·9	30·9	30·1	30·1	30·0	30·0	29·4	29·4	33·1	33·1
23	28·7	28·7	29·1	29·1	29·3	29·3	29·1	29·1	28·9	28·9	28·1	28·1	27·2	27·2	27·1	27·1	26·8	26·8	26·0	26·0	26·1	26·1	27·0	27·0	27·9	27·9
24	32·2	32·2	33·0	33·0	32·9	32·9	32·7	32·7	32·1	32·1	32·0	32·0	32·0	32·0	32·1	32·1	32·1	32·1	31·9	32·0	29·3	29·5	27·2	27·2	30·7	30·7
25	17·7	18·0	18·0	18·1	16·7	17·0	16·0	16·0	16·5	16·3	16·2	16·1	15·6	15·5	16·1	16·1	16·2	16·1	15·8	15·8	16·1	16·1	16·0	16·0	18·9	19·0
26	14·0	14·0	14·4	14·4	14·6	14·5	14·5	14·6	15·2	15·2	15·4	15·4	15·0	15·0	15·3	15·3	15·9	15·9	16·0	16·0	15·1	15·1	14·3	14·4	15·1	15·1
27	14·5	14·5	15·2	15·2	15·0	15·0	14·8	14·8	14·6	14·6	14·3	14·3	14·2	14·2	14·2	14·2	14·8	14·8	15·0	15·0	15·9	15·9	15·9	16·0	14·1	14·1
28	22·5	22·5	22·8	22·8	23·1	23·0	23·0	23·0	23·3	23·3	23·7	23·7	24·3	24·3	24·2	24·2	24·1	24·1	24·0	24·0	24·9	24·9	25·0	25·0	21·4	21·4
29	28·5	28·5	28·6	28·6	27·0	27·0	27·0	27·0	26·0	26·0	26·2	26·2	25·5	25·5	25·9	25·9	25·8	25·8	25·1	25·1	25·0	25·0	25·0	25·0	26·9	26·9
30	32·1	32·1	31·8	31·8	31·4	31·4	32·0	32·0	32·0	32·0	32·0	32·0	32·1	32·1	32·1	32·2	32·2	32·2	32·2	32·2	32·1	32·1	32·1	32·1	29·6	29·7
MEAN	30·9	30·8	30·9	30·9	30·7	30·7	30·5	30·4	30·4	30·2	30·3	30·2	30·4	30·2	30·4	30·1	30·5	30·1	30·6	30·3	30·5	30·2	29·9	29·6	30·4	30·1

TEMPERATURE. DRY AND WET BULBS. DECEMBER 1889.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	32·0	32·0	32·0	32·0	32·0	32·0	32·0	32·0	32·1	32·1	32·1	32·1	32·2	32·2	32·2	32·2	32·6	32·2	32·6	32·6	32·6	32·6	32·5	32·5	32·6	31·2
2	30·9	31·0	30·3	30·3	30·3	30·3	30·0	30·0	30·1	30·1	29·8	29·9	30·0	30·0	29·9	30·0	29·5	29·5	29·5	29·5	29·5	29·5	29·4	29·4	30·9	27·2
3	28·0	28·0	28·1	28·1	27·8	27·8	27·5	27·6	26·9	26·9	26·7	26·7	25·4	25·4	25·2	25·2	25·1	25·1	23·7	23·7	24·2	24·2	24·6	24·6	28·1	21·9
4	22·6	21·4	21·2	18·7	22·2	19·0	20·1	17·7	20·5	17·5	25·4	21·6	25·6	22·0	22·4	20·3	22·6	21·1	22·8	21·5	21·4	21·0	22·6	21·6	25·6	19·9
5	21·2	21·2	20·9	20·9	20·4	20·4	20·0	20·0	19·0	19·0	19·0	19·0	19·1	19·1	18·9	18·9	19·7	19·7	19·5	19·5	19·8	19·9	21·1	21·1	23·9	18·9
6	23·2	23·2	23·0	23·0	23·1	23·1	23·9	23·9	24·1	24·1	24·8	24·8	27·8	27·8	26·8	26·8	27·6	27·6	26·5	26·5	27·0	27·0	29·3	29·3	31·2	23·0
7	27·1	27·1	25·0	25·0	22·2	22·2	22·1	22·1	21·9	22·0	21·3	21·3	21·3	21·3	21·5	21·5	20·6	20·6	21·3	21·2	23·1	23·1	23·1	23·1	27·1	20·6
8	26·2	26·2	26·2	26·2	26·2	26·2	26·3	26·3	27·0	27·0	27·3	27·3	27·5	27·5	28·1	28·1	28·6	28·6	28·2	28·2	28·2	28·2	28·4	28·4	37·0	26·2
9	37·1	37·1	37·0	37·0	37·0	37·0	37·0	37·0	37·0	37·0	37·1	37·1	37·1	37·1	36·1	36·1	35·9	35·9	33·3	33·3	31·9	32·1	30·5	30·5	37·1	24·9
10	24·2	24·2	24·2	24·2	24·4	24·4	24·0	24·0	23·7	23·7	23·7	23·7	23·7	23·7	23·2	23·2	23·2	23·2	23·3	23·3	24·0	24·0	23·4	23·4	24·4	18·0
11	20·1	20·1	19·3	19·5	19·1	19·1	18·2	18·3	18·2	18·2	18·2	18·2	17·7	17·7	17·3	17·3	17·2	17·2	16·4	16·6	16·6	16·7	16·9	17·0	20·1	16·3
12	18·2	18·2	18·0	18·0	18·3	18·3	19·0	19·0	18·0	18·0	19·1	19·1	19·2	19·2	19·2	19·2	20·0	20·0	21·0	21·0	21·2	21·2	20·6	20·6	27·5	18·0
13	26·9	27·0	27·9	27·9	27·1	27·1	26·1	26·1	25·1	25·1	25·1	25·1	25·1	25·1	25·1	25·1	24·9	24·9	25·0	25·0	25·8	25·8	25·8	25·8	27·9	24·9
14	26·9	26·9	26·6	26·6	26·4	26·4	25·9	25·9	25·7	25·7	26·7	26·7	27·0	27·0	26·9	26·9	26·9	26·9	26·8	26·8	26·8	26·8	26·2	26·2	32·0	25·7
15	30·7	30·7	30·9	30·9	29·8	29·8	30·0	30·0	30·0	30·0	29·4	29·4	29·4	29·4	29·5	29·5	29·5	29·5	29·8	29·8	29·9	29·9	29·9	29·9	33·6	28·0
16	34·1	34·0	34·1	34·1	34·2	34·2	32·3	32·3	32·3	32·3	29·9	29·9	29·1	29·1	28·6	28·6	28·0	28·0	27·3	27·3	27·1	27·1	27·7	27·8	34·2	27·1
17	35·0	35·0	36·8	36·8	37·1	37·1	36·3	36·3	36·8	36·8	37·0	37·0	37·4	37·4	36·5	36·5	34·0	34·0	32·2	32·2	32·2	32·2	31·6	32·0	37·4	27·1
18	31·1	31·1	34·8	[34·8]	38·0	38·0	38·0	38·0	36·5	36·5	36·2	36·2	35·2	35·2	34·7	34·7	33·8	33·8	33·0	33·0	30·5	[30·5]	25·4	25·4	**38·0**	23·3
19	25·1	25·1	25·3	25·3	26·0	26·0	26·9	26·9	27·6	27·6	28·9	28·9	29·0	29·0	28·2	28·2	28·1	28·1	27·4	27·4	26·0	26·0	27·2	27·2	29·0	21·9
20	21·2	21·2	21·2	21·2	21·2	21·2	21·3	21·3	21·5	21·5	20·8	20·8	20·5	20·5	21·1	21·1	21·2	21·2	21·2	21·2	20·7	20·7	20·4	20·4	21·5	20·3
21	21·3	21·3	21·2	21·2	21·2	21·2	21·1	21·1	21·3	21·3	20·9	20·9	21·0	21·0	21·1	21·1	21·1	21·1	21·9	21·9	23·5	23·5	23·6	23·6	25·9	18·0
22	18·1	18·1	17·9	17·9	18·2	18·2	19·1	19·1	20·0	20·0	20·5	20·5	21·1	21·1	22·2	22·2	23·0	23·0	23·8	23·8	28·8	28·8	29·4	29·4	31·0	17·9
23	29·8	29·8	29·8	29·8	29·3	29·3	29·8	29·8	29·2	29·2	29·2	29·2	29·4	29·4	29·9	29·9	30·4	30·4	30·4	30·4	30·5	30·5	29·6	29·6	36·3	28·9
24	36·2	36·2	35·9	35·9	36·1	36·1	36·1	36·1	35·2	35·2	27·4	27·4	26·9	26·9	25·8	25·8	24·1	24·1	24·6	24·6	24·6	24·6	24·4	24·4	36·2	22·4
25	24·2	24·2	25·0	25·0	25·9	25·9	25·8	25·8	26·5	26·5	27·6	27·6	28·2	28·2	28·4	28·4	29·3	29·3	29·8	29·8	30·2	30·2	30·2	30·2	32·7	24·2
26	32·4	32·4	32·2	32·2	32·0	32·0	31·8	31·9	32·0	32·0	32·2	32·2	32·2	32·2	32·4	32·2	32·6	32·3	32·9	32·5	32·9	32·9	33·4	33·4	36·1	31·8
27	32·6	32·7	32·1	32·1	32·0	32·0	31·6	31·6	30·2	30·2	29·4	29·4	28·5	28·5	28·3	28·3	27·9	27·9	27·8	27·8	28·3	28·3	28·5	28·5	32·6	19·9
28	22·1	20·6	24·2	23·1	21·9	21·9	24·1	23·0	21·9	21·7	22·3	21·5	24·1	21·0	24·5	21·8	13·2	13·6	17·0	15·3	14·3	14·4	15·1	15·1	24·5	**13·2**
29	23·8	23·8	24·1	24·1	25·0	25·0	25·1	25·1	25·2	25·2	25·5	25·5	25·7	25·7	26·0	26·0	26·6	26·6	26·8	26·8	27·8	27·4	27·6	27·2	28·0	23·8
30	26·8	26·8	26·3	26·3	26·8	26·8	27·2	27·2	27·2	27·2	27·1	27·1	27·0	27·0	27·1	27·1	27·1	27·1	27·4	27·4	28·4	28·4	28·6	28·6	32·4	26·3
31	33·0	33·0	33·0	33·0	33·8	33·8	33·4	33·5	33·7	33·7	34·0	34·0	34·1	34·1	34·5	34·5	34·1	34·1	33·7	33·7	33·6	33·6	34·0	34·0	34·5	25·1
MEAN	27·2	27·1	27·2	27·1	27·3	27·2	27·2	27·1	27·0	26·9	26·9	26·8	27·0	26·8	26·8	26·7	26·4	26·3	26·4	26·2	26·5	26·5	26·5	26·5	30·6	23·1

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	32·2	32·2	32·1	32·1	32·2	32·2	32·1	32·1	32·2	32·2	32·1	32·1	31·9	32·0	32·0	32·0	32·0	32·0	31·9	32·0	31·6	32·0	31·2	31·2	32·1	32·1
2	29·1	29·1	28·9	28·9	28·6	28·6	28·6	28·6	28·5	28·5	29·5	29·5	28·7	28·7	29·0	29·0	28·2	28·2	28·1	28·1	27·8	27·8	27·2	27·2	29·2	29·2
3	24·5	24·5	24·4	24·4	23·6	23·6	21·9	22·0	24·2	21·8	26·8	23·1	24·2	21·7	24·0	22·0	24·3	21·4	23·3	21·2	24·1	21·2	26·2	22·8	25·2	24·3
4	19·9	20·2	20·2	20·4	20·6	20·5	23·1	21·9	20·4	20·5	20·1	20·2	21·3	21·3	21·3	21·3	21·2	21·2	21·7	21·7	22·0	22·0	21·9	21·9	21·8	20·7
5	20·7	20·7	20·5	20·5	22·2	22·2	22·9	22·9	23·3	23·3	23·4	23·4	23·5	23·5	23·7	23·7	23·9	23·9	23·5	23·5	23·8	23·8	23·9	23·9	21·4	21·4
6	29·4	29·4	29·9	29·9	30·2	30·2	30·4	30·4	30·0	30·0	29·8	29·8	30·2	30·2	30·1	30·1	30·8	30·8	31·2	31·2	29·7	29·8	28·1	28·1	27·8	27·8
7	24·0	24·0	23·9	23·9	24·1	24·1	24·8	24·8	25·0	25·0	25·0	25·0	25·3	25·3	25·3	25·3	25·8	25·8	25·3	25·3	25·9	25·9	26·0	26·0	23·8	23·8
8	28·5	28·5	28·5	28·5	30·0	30·0	31·0	31·0	31·9	31·9	34·4	34·4	35·0	35·0	36·0	36·0	36·1	36·1	36·6	36·6	36·9	36·9	37·0	37·0	30·4	30·4
9	29·2	29·2	29·7	29·7	29·0	29·0	28·1	28·1	27·7	27·7	27·0	27·0	26·5	26·5	26·0	26·0	25·3	25·3	25·3	25·2	25·2	25·2	24·9	24·9	31·3	31·3
10	23·0	23·0	23·0	23·0	21·1	21·2	21·0	21·0	20·4	20·4	19·2	19·2	19·1	19·1	18·1	18·1	18·0	18·0	18·0	18·0	19·9	19·9	20·3	20·3	21·9	21·9
11	17·3	17·4	17·5	17·5	16·9	16·8	16·3	16·1	17·3	17·3	17·3	17·3	17·3	17·3	17·9	17·9	18·1	18·1	18·8	18·8	18·2	18·2	18·0	18·0	17·8	17·8
12	20·5	20·5	20·8	20·8	22·1	22·1	22·2	22·2	23·3	23·3	24·5	24·5	25·9	25·9	26·1	26·1	27·2	27·2	27·2	27·2	27·5	27·5	27·1	27·1	21·9	21·9
13	25·9	25·9	26·5	26·5	25·8	25·8	25·7	25·7	25·6	25·6	25·7	25·7	25·8	25·8	26·2	26·2	26·2	26·2	26·1	26·1	26·9	26·9	26·8	26·9	26·0	26·0
14	26·0	26·0	26·2	26·2	26·7	26·7	26·5	26·5	27·1	27·1	28·2	28·2	29·1	29·1	30·8	30·8	30·8	30·8	31·9	31·9	32·0	32·0	31·7	31·8	27·7	27·7
15	29·8	29·8	29·0	28·8	29·7	29·7	29·4	29·4	28·0	27·4	28·5	27·7	30·3	27·6	29·3	28·0	28·1	28·0	29·9	29·6	32·1	32·0	33·6	33·6	29·9	29·6
16	27·9	27·9	28·1	28·1	29·0	29·0	29·2	29·2	29·4	29·4	29·2	29·2	29·4	29·3	29·5	29·5	29·9	29·9	29·9	29·9	30·3	30·3	31·9	31·8	29·9	29·9
17	29·7	29·8	29·8	29·8	29·3	29·3	30·1	30·1	30·0	30·0	30·4	30·4	30·4	30·4	29·1	29·1	29·9	29·9	28·3	28·4	27·1	27·1	28·2	28·2	32·3	32·3
18	24·6	24·6	24·1	24·1	23·8	23·8	23·3	23·2	23·4	23·4	23·4	23·4	23·6	23·6	24·2	24·2	24·2	24·2	24·2	24·2	25·0	25·0	24·0	24·0	29·0	29·0
19	27·1	27·1	26·1	26·1	26·5	26·5	26·0	26·0	25·1	25·1	25·4	25·4	25·0	25·0	25·0	25·0	25·2	25·2	25·0	25·0	23·3	23·3	21·9	21·9	26·1	26·1
20	20·8	20·8	21·5	21·5	21·3	21·4	21·3	21·3	20·8	20·8	20·7	20·7	20·5	20·5	20·4	20·4	20·3	20·3	20·9	20·9	21·0	21·0	21·0	21·0	21·0	21·0
21	23·0	23·0	22·2	22·2	21·8	21·9	20·0	20·0	19·5	19·4	20·4	16·9	23·9	17·6	25·9	18·7	23·9	17·7	22·0	18·9	20·9	19·0	18·0	18·0	21·7	20·5
22	29·6	29·6	30·0	30·0	30·1	30·1	30·7	30·7	30·1	30·1	29·8	29·8	30·3	30·3	30·8	30·8	30·8	30·8	31·0	31·0	30·7	30·7	29·9	29·9	26·1	26·1
23	29·3	29·3	28·9	28·9	29·0	29·0	29·0	29·0	28·9	28·9	29·2	29·2	30·6	30·6	32·0	32·0	32·3	32·0	33·8	33·8	35·6	35·6	36·3	36·3	30·5	30·5
24	24·7	24·7	24·6	24·5	23·3	23·3	23·0	23·0	23·3	23·3	22·4	22·4	22·6	22·6	22·9	22·9	23·2	23·2	23·8	23·8	23·3	23·3	23·5	23·5	26·6	26·6
25	30·3	30·3	30·2	30·2	30·6	30·6	31·0	31·0	31·4	31·4	31·6	31·6	32·0	32·0	32·0	32·0	32·1	32·0	32·3	32·3	32·7	32·7	32·5	32·5	29·6	29·6
26	33·6	33·6	34·2	34·2	35·1	35·1	35·8	35·8	35·3	35·3	35·1	35·1	36·1	36·0	35·6	35·6	34·8	34·8	34·3	34·3	34·0	34·0	33·0	33·0	33·6	33·5
27	27·9	28·0	27·0	27·0	25·9	25·9	25·8	25·8	25·3	25·3	24·2	24·2	23·2	23·2	23·4	23·8	23·8	23·8	22·2	22·2	20·9	21·0	19·9	20·0	26·9	27·0
28	15·6	15·8	15·6	15·8	15·2	15·2	16·2	16·0	16·2	16·0	18·4	18·4	20·0	20·0	21·2	21·2	22·1	22·1	22·9	22·8	23·1	23·1	24·5	24·5	19·8	19·3
29	28·0	27·2	27·8	27·2	27·8	26·9	27·2	26·2	27·1	26·1	27·1	26·5	26·8	25·2	26·0	24·6	25·3	24·8	25·3	25·4	26·8	26·9	26·8	26·8	26·3	25·9
30	28·6	28·6	29·0	29·1	29·8	29·8	29·9	29·9	29·7	29·7	30·1	30·1	31·3	31·3	32·0	32·0	32·0	32·0	32·1	32·1	32·2	32·1	32·4	32·2	29·0	29·0
31	33·9	33·9	34·3	34·3	30·5	[30·5]	27·9	27·9	25·9	26·0	25·5	25·5	26·7	26·7	25·9	25·9	25·8	25·8	25·1	25·1	25·1	25·1	25·1	25·0	30·7	30·7
MEAN	26·3	26·3	26·3	26·3	26·2	26·2	26·1	26·1	26·0	25·9	26·3	26·0	26·7	26·2	26·8	26·4	26·8	26·5	26·8	26·7	27·0	26·8	26·9	26·8	26·7	26·5

RAINFALL. INCHES FOR HOUR ENDING— JANUARY 1889.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.
1	·001	·002	·003	·050	·002	–	–	–	–	·010	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	0·069
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3	·001	·003	·003	·007	·005	·007	·001	·002	·005	·007	·004	–	·007	·004	·011	·015	·010	·019	·025	·016	·009	·009	·006	·028	0·204
4	·015	·008	·030	·005	·030	·012	·025	·013	·040	·019	·009	·028	·040	·017	·032	·018	·008	·002	·001	·001	–	·001	–	–	0·354
5	–	–	–	–	–	·003	·007	·005	·008	·007	–	·002	–	·003	–	·002	·007	–	·001	·002	·010	·015	·020	·030	0·122
6	·036	·020	·013	·092	·030	·024	·020	·005	·010	–	–	–	–	·011	–	–	–	–	–	–	–	–	–	–	0·261
7	–	–	–	–	–	–	–	–	–	–	–	–	·008	–	·005	·002	·001	·002	–	–	–	–	–	·001	0·019
8	·009	[·005]	[·015]	[·020]	[·020]	[·020]	[·015]	[·005]	[·010]	·030	·017	·009	·008	·020	·037	·068	·038	·048	·030	·026	·034	·029	·013	·019	0·545
9	·005	·011	·005	·038	·010	·035	·055	·021	·016	·025	·065	·033	·043	[·050]	·080	·065	·030	·035	·062	·047	·053	·070	·058	·045	0·957
10	·030	·055	·010	·008	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·103
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
15	–	–	–	–	–	–	–	–	–	–	–	–	·003	–	·013	·012	·005	·004	·005	·005	·013	·012	·008	·018	0·098
16	·019	·006	·015	·021	·030	·006	·011	·014	·010	·013	·010	·009	·007	·018	·019	·024	·017	·020	·175	·054	·040	·056	·063	·007	0·664
17	·003	·020	·009	·010	·001	·011	–	–	·009	·009	·035	[·040]	[·040]	[·040]	·040	·065	·090	·033	·068	·046	·100	·079	·103	·140	0·991
18	·125	·140	·107	·165	·030	·027	·032	·028	·030	·065	·110	·145	·225	·415	·120	·060	·105	·147	·138	·030	·012	·003	·013	·032	2·304
19	·010	·060	·099	·070	·052	·064	·030	·025	·038	·025	·010	·013	·010	–	–	–	–	–	·006	·003	·002	·002	·002	–	0·521
20	–	–	–	–	–	–	–	–	–	–	–	–	–	·018	·017	·040	·044	·032	·004	–	–	–	–	–	0·155
21	–	–	–	–	·004	·019	·006	·004	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·033
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·003	·003	·003	–	·002	–	·001	0·012
24	·002	·004	·015	·015	·025	·030	·010	·011	·017	·009	–	–	–	–	–	–	·011	·001	·002	·004	·015	·010	·022	·045	0·248
25	·025	·052	·071	·030	·038	·040	·037	·049	·058	·057	·060	·060	·085	·100	·089	·067	·100	·130	·215	·116	·065	·083	·150	·072	1·849
26	·076	·010	·019	·041	·010	·002	·030	·020	·029	·080	·091	·019	·029	·026	·008	·010	·001	–	–	–	–	–	–	–	0·501
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·001	·007	·004	·045	·053	·070	0·180
28	·104	·130	·118	·165	·100	·080	·142	·118	·135	·119	·088	·050	·026	·117	·040	·030	·014	·008	·008	·008	·004	·013	·050	·066	1·733
29	·106	·079	·105	·160	·113	·110	·150	·220	·130	·125	·069	·004	·009	·010	·010	·010	–	–	·002	·046	·015	·008	·012	·009	1·502
30	·014	·020	·052	[·070]	·150	·122	·155	·020	·100	·058	·020	–	·017	·012	·040	·019	·020	–	·016	·003	·007	·020	·056	·020	1·011
31	·055	·041	·230	·090	·178	·119	·272	·098	·230	·160	·377	·290	·285	·188	·316	·151	·170	·002	·003	·001	–	–	–	–	**3·256**
SUM	0·636	0·666	0·919	1·057	0·828	0·731	0·998	0·658	0·875	0·818	0·966	0·702	0·842	1·049	0·877	0·658	0·671	0·486	0·765	0·418	0·383	0·457	0·629	0·603	17·692

RAINFALL. FEBRUARY 1889.

1	..	–	–	–	–	–	·017	·050	·085	·050	·130	·157	·112	·080	·049	–	·047	·036	·027	·070	·044	·076	·115	·035	1·180
2	·050	·034	·050	·073	·070	·045	·032	·022	·060	·097	·070	·043	·088	·029	·060	·068	·054	·045	·074	·010	·075	·068	·076	·054	1·347
3	[·050]	·047	·070	·048	·072	·030	·055	·045	·145	·050	·088	·045	·042	·048	·060	·060	·010	·056	·055	[·040]	[·020]	[·020]	–	–	1·156
4	–	–	–	–	–	–	·015	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·022	·040	·025	0·102
5	·040	·012	·012	·010	·015	·008	·005	·015	·050	·010	·001	·024	·017	·030	·042	·016	·007	·023	·001	·003	–	·002	·002	·002	0·347
6	–	·050	·080	·040	·040	·017	·007	·003	·001	–	–	–	–	–	–	–	–	–	–	–	·014	·040	·055	·060	0·407
7	·015	·009	·019	·015	·010	·015	–	–	–	–	–	–	–	–	–	–	–	·002	·009	·006	·030	·044	·055	·095	0·324
8	·036	·045	·070	·152	·105	[·025]	[·025]	[·025]	[·025]	[·010]	–	–	[·010]	[·010]	[·010]	[·010]	[·010]	[·010]	[·020]	[·020]	[·020]	[·040]	[·040]	·040	0·758
9	·002	·007	·015	·008	·015	·010	·009	·009	·010	·015	·010	–	–	·004	–	–	–	–	–	·001	–	·002	–	·001	0·118
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11	–	–	–	–	–	–	–	–	–	·001	–	–	–	·008	·005	–	–	–	–	–	–	–	–	–	0·014
12	–	–	–	–	–	–	–	–	–	–	·002	–	–	–	·015	·020	·040	·050	·014	·010	·008	·010	·009	·034	0·212
13	·002	·030	·031	·027	·020	·018	·030	·020	·010	–	–	–	·014	·002	·010	·009	·008	·007	·020	·145	·098	·375	·252	·025	1·153
14	·040	·066	·071	·069	·030	·021	·036	·011	·057	·015	·040	·015	·060	·043	·020	·063	·038	·018	·034	·056	·038	·022	·023	·010	0·896
15	·023	·029	·015	·006	·010	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·083
16	–	–	–	–	–	–	·020	·045	·068	·080	·100	·170	·037	·015	·029	·060	·200	·052	·010	·008	·002	·006	–	–	0·902
17	–	·015	·001	–	–	–	–	·007	·045	·060	·045	·040	·038	·090	·093	·060	·080	·080	·090	·080	·082	·090	·104	·070	1·170
18	·055	·071	·100	·095	·094	·100	·175	·160	·030	·050	·140	·157	·160	·088	·065	·160	·149	·166	·185	·202	·212	·020	·025	·186	**2·845**
19	·050	·040	·027	·040	·040	·075	·028	·018	·010	·005	·022	·004	·004	·007	–	·010	·018	–	·008	·008	·023	·015	·034	·024	0·510
20	·008	·080	·180	·080	·045	·039	·078	·018	–	·038	·060	·003	·011	·027	·048	·020	·024	·009	·005	·030	·002	·008	·003	–	0·816
21	–	·010	·020	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·030
22	–	–	–	–	–	–	·010	·010	·008	·020	·012	·002	–	·001	·001	·005	·010	·001	·002	·003	·006	·003	·004	·006	0·104
23	·008	–	·005	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·013
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
25	–	–	–	–	–	–	–	–	·009	·029	·013	·023	·002	·010	·050	·050	·020	·027	·018	·025	·019	·025	·017	–	0·337
26	·001	·008	–	·005	·005	–	·009	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·004	0·032
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
SUM	0·380	0·553	0·766	0·668	0·571	0·403	0·551	0·458	0·613	0·530	0·733	0·683	0·595	0·492	0·557	0·611	0·715	0·582	0·572	0·717	0·693	0·888	0·854	0·671	14·856

RAINFALL. INCHES FOR HOUR ENDING— MARCH 1889.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·005	·005	·003	–	–	–	–	0·013
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·009	·006	–	–	–	·004	–	·001	·008	·016	0·044
6	·035	·015	·020	·012	·030	·030	·050	·030	·028	[·020]	·012	·028	·029	·125	·160	·020	·010	·009	·015	–	·006	·004	·038	·006	0·732
7	·008	·020	·010	·025	·010	·025	–	–	·005	–	·	–	–	–	–	–	–	–	–	–	–	–	–	–	0·103
8	–	–	–	–	–	–	–	–	–	–	–	–	–	·010	–	–	–	–	–	–	–	–	–	–	0·010
9	–	–	–	–	–	–	–	–	–	–	–	–	–	·030	·020	–	–	·020	·042	·035	·054	·066	·015	·010	0·292
10	·004	·100	·052	·010	·010	·010	·010	·010	·012	·008	–	·020	·015	·030	–	·030	·003	–	·018	·001	–	–	–	–	0·343
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·001	·007	·020	·001	·020	0·049
12	·023	·055	·053	·060	·040	·040	·055	·040	·020	·010	·009	·020	·036	·032	·049	·019	·041	·064	·110	·194	·173	·125	·064	·004	1·336
13	·006	·010	·005	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·022
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·010	–	·002	–	·004	–	·002	–	–	·003	0·0_1
15	–	·010	·020	·010	·030	·010	·021	·007	–	·001	·005	–	–	–		·009	·006	·018	–	–	–	–	·013	·012	0·172
16	·018	·019	·050	·039	·040	·080	·080	·020	·017	·010	·002	–	–	–	–	–	–	–	–	–	–	–	–	–	0·375
17	–	–	·018	·035	·025	·017	·040	·040	·055	·040	·008	·023	·007	·150	·050	·007	·038	·003	·012	·007	·024	·067	·050	·044	0·760
18	·003	·021	·020	·037	·033	·027	·031	·010	·010	–	·005	·002	–	–	–	–	–	–	–	–	–	–	–	–	0·199
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20	–	–	–	–	–	–	–	–	–	–	–	–	–	[·010]	[·010]	[·010]	–	–	–	–	[·010]	[·010]	[·010]	[·010]	[0·070]
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22	–	·002	·028	·040	·045	·050	·010	·028	·020	·015	·018	·022	·021	·009	–	·009	·001	·024	·036	·046	·025	·017	·040	·007	0·513
23	·050	·018	·018	·048	·022	·035	·032	·057	·080	[·085]	·080	[·067]	·070	[·162]	·168	[·152]	·102	[·145]	·050	[·092]	·023	[·094]	·053	·114	1·817
24	·033	[·090]	·060	·190	·132	·200	·312	·230	·150	·162	·178	·174	·096	·073	·070	·035	·040	·016	·012	·034	·028	·013	·027	·020	**2·375**
25	·060	·190	·180	·145	·015	·055	·015	·042	·025	·020	·030	·030	·062	·045	·060	·069	·075	·048	·074	·058	·059	·034	·220	·024	1·635
26	·030	·013	·025	·039	·025	·030	·018	·015	·020	·015	·008	–	–	·001	·005	–	–	–	–	–	–	–	–	–	0·244
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·013	·002	·003	·002	·001	0·021
29	·001	·001	·002	·001	·002	–	·009	–	–	–	·025	·002	–	·011	·005	·010	[·005]	·003	[·005]	·008	·018	·005	·002	·009	0·124
30	·031	·021	·070	·040	·018	·004	·010	·035	·135	·141	·098	·002	–	·005	–	·040	–	–	–	–	–	·022	·033	·007	0·712
31	·044	·005	·038	·010	·010	·008	·005	·008	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·128
SUM	0·346	0·590	0·669	0·742	0·487	0·621	0·698	0·572	0·577	0·527	0·478	0·390	0·336	0·693	0·616	0·416	0·323	0·355	0·383	0·496	0·431	0·481	0·576	0·307	12·110

RAINFALL. APRIL 1889.

1	–	–	–	–	–	–	–	–	·040	·010	·048	·075	·008	·038	·038	·008	·020	·015	·030	·007	·001	·002	–	·010	0·350
2	·001	·005	·026	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·032
3	–	–	–	–	·001	·020	·020	·009	·010	·005	·008	·005	·006	·010	·008	·009	·002	·007	–	–	–	–	–	–	0·120
4	–	–	–	·010	·009	·015	·010	·009	·005	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·058
5	–	–	–	–	–	–	–	–	–	–	·005	–	–	·001	·005	–	–	–	–	–	–	–	–	–	0·011
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7	–	–	–	–	·005	·005	–	–	–	·005	·001	·005	–	–	–	–	–	–	–	–	–	–	–	–	0·021
8	–	–	–	–	–	–	·010	·010	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·020
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
10	–	–	–	–	–	–	·002	–	–	–	·005	·003	·008	·011	·022	·028	·026	·029	·020	·012	·003	·008	·007	·006	0·190
11	·006	·019	·030	·022	·010	–	–	–	–	–	–	–	–	–	·015	·015	·008	–	–	–	–	–	–	–	0·125
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
13	–	–	–	–	–	–	–	–	·010	·014	·002	–	–	·001	·010	–	–	–	–	–	–	–	–	–	0·037
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19	–	–	–	–	–	–	–	–	–	·025	·042	·056	·025	·028	·018	·071	·030	·003	·002	·002	–	·002	·003	·005	0·312
20	·044	·045	·050	·053	·090	·043	·034	·039	·012	·007	·004	·038	·005	·010	·009	·018	·040	·143	·060	·080	·050	·010	·001	·010	**0·895**
21	·087	·094	·092	·027	·012	·026	·020	·043	·017	·039	·027	·025	·008	·030	·030	·006	·057	[·025]	·010	·025	·008	·023	·002	·006	0·739
22	·062	–	·010	·009	·005	·013	·007	·006	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·112
23	–	–	–	·007	·007	·018	·034	–	–	–	·011	·062	·009	·011	·018	·014	–	·006	·002	–	·046	–	–	–	0·245
24	[·001]	–	–	–	[·002]	[·004]	[·002]	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	[·005]	[·006]	0·020
25	·017	·004	·009	·007	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·008	–	–	0·045
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·002	·001	·008	·001	·009	·007	·031	·062	·115	0·236
27	·002	–	–	–	–	·021	·032	·046	·019	·002	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·122
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·025	·008	·010	·036	·032	·007	·002	·001	·002	0·123
29	·010	·018	–	–	–	·002	–	–	–	–	·008	·001	·001	·008	–	·013	–	·009	–	–	–	–	–	–	0·070
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·005	0·005
SUM	0·230	0·185	0·217	0·135	0·141	0·167	0·171	0·162	0·113	0·107	0·161	0·270	0·070	0·148	0·173	0·209	0·192	0·255	0·161	0·167	0·122	0·086	0·081	0·165	3·888

RAINFALL. INCHES FOR HOUR ENDING— MAY 1889.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.
1	·072	·179	·056	·024	·103	·012	·022	–	–	–	·009	·008	·011	·005	·036	·018	·029	·003	·009	–	–	–	–	–	0·596
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·013	–	–	–	–	–	–	–	–	0·013
3	–	–	–	–	–	–	–	–	–	–	·003	–	·005	·008	·002	–	·082	·272	·031	·090	·005	·013	·007	·002	0·520
4	·002	·003	·002	–	·010	–	–	–	–	–	–	–	·010	·002	·001	–	–	–	·014	–	·003	·009	·052	·065	0·173
5	·170	·030	·018	·033	·024	·013	·007	·007	–	·002	·002	·002	·003	·003	·008	–	–	–	–	–	–	–	–	–	0·322
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·040	·036	·018	·010	·006	·005	0·115
8	·002	–	–	·034	·028	·011	–	·008	–	·002	–	·050	·017	·010	·011	–	–	–	–	–	–	–	–	–	0·173
9	–	·010	–	·004	·001	–	·003	·001	–	–	–	·006	–	·002	–	–	–	–	·001	·001	–	–	–	–	0·029
10	–	–	–	–	–	·022	·010	–	·091	·056	·013	·007	–	·011	·053	·047	·017	·103	·042	·052	·030	·028	·026	·016	0·624
11	·005	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·006
12	–	–	–	–	–	·015	–	–	–	–	–	·007	–	·012	·010	–	–	–	–	–	–	–	–	–	0·044
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
14	–	–	–	–	–	–	–	–	–	–	–	–	·006	–	·001	–	–	–	–	–	–	·011	–	·007	0·025
15	–	·140	·098	·056	–	·030	·026	·016	·007	·014	·007	·003	·001	–	–	–	–	–	–	–	–	–	–	–	0·398
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17	–	–	–	–	–	·002	·022	·009	–	–	–	–	–	–	·002	·002	–	–	–	–	–	–	–	–	0·037
18	–	–	–	–	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·001
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
21	–	–	·001	–	–	·042	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·043
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
23	·008	·015	·003	·007	–	–	·020	–	·010	·015	–	·010	–	·002	–	·002	·016	–	–	–	–	·006	·001	–	0·115
24	–	–	–	–	–	–	–	–	–	–	–	·003	·011	·010	·009	·025	·014	·012	·004	·006	·008	·009	·002	·001	0·114
25	–	–	–	–	·001	·001	–	–	·002	–	·004	·003	·001	–	–	–	–	–	–	–	–	–	–	–	0·012
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
28	–	·009	–	·003	·003	·002	·004	–	·001	·029	·038	·053	·041	·032	·042	·037	·023	·011	·005	·008	·004	·030	·011	·006	0·392
29	–	·043	·001	·012	·038	·025	·020	·008	·005	·050	·080	·003	·029	·011	·010	·002	·005	·020	–	·001	–	–	–	–	0·363
30	–	–	–	–	–	–	·001	–	–	·019	·022	·004	·010	·001	·007	·002	–	–	·002	·005	·002	·007	·034	·008	0·124
31	·009	–	–	–	·001	–	–	·003	–	–	–	–	·019	·014	·008	·032	·001	–	–	–	–	–	–	·018	0·105
SUM	0·268	0·430	0·179	0·173	0·210	0·175	0·135	0·052	0·116	0·187	0·178	0·159	0·164	0·123	0·200	0·180	0·187	0·421	0·148	0·199	0·070	0·123	0·139	0·128	4·344

RAINFALL. JUNE 1889.

1	·014	·004	·019	·030	·009	·038	·025	–	·013	·017	·016	·024	·008	·001	·002	–	–	–	–	–	–	–	–	–	0·220
2	–	–	–	–	–	–	–	–	–	–	·007	·003	–	·005	·001	·005	·082	·001	·007	·060	·053	·005	·002	·002	0·233
3	–	–	–	·001	–	–	–	–	·001	·013	–	·003	–	–	–	–	–	–	–	–	–	–	·002	–	0·020
4	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·001
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·004	·022	·074	·008	·002	·001	–	0·111
9	–	·001	–	·003	·018	·028	·023	·008	·002	–	–	–	–	–	–	–	–	–	·028	·015	·006	·004	–	–	0·136
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·009	·018	·004	0·031
12	·001	·002	·011	·003	·003	·039	·014	·002	·001	·001	·003	–	–	–	–	–	–	–	–	–	–	–	–	–	0·080
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·012	·022	·038	·061	·078	·075	0·286
14	·052	·016	·009	·004	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·010	–	–	–	–	0·091
15	–	–	·001	–	·020	·025	·043	·010	·024	·002	–	–	–	–	–	–	–	–	–	–	·001	·016	·018	·023	0·183
16	·017	·019	·010	·017	·004	·019	·007	·011	·001	–	–	–	·001	–	–	–	–	–	–	–	–	–	–	–	0·106
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
27	–	·020	·003	·001	·004	·004	–	–	–	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·033
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·031	·010	0·041
29	·010	·002	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·023	–	·001	–	–	·002	·010	0·049
30	·031	·035	·030	·038	·004	·054	·001	·001	·001	·024	·047	·020	·002	·001	·002	·002	·012	·003	·005	·001	–	–	·001	·003	0·318
SUM	0·126	0·099	0·084	0·097	0·062	0·207	0·113	0·032	0·043	0·058	0·073	0·050	0·011	0·007	0·005	0·007	0·094	0·031	0·074	0·183	0·106	0·097	0·153	0·127	1·939

RAINFALL. INCHES FOR HOUR ENDING— JULY 1889.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.
1	·005	·009	·005	·006	·005	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	·001	·009	·009	·008	·002	0·060
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·028	·012	·072	·085	·035	0·232
7	·009	·005	–	–	·006	·002	·001	·040	·014	·011	·024	·011	·002	·005	·092	·004	–	–	·001	·030	·016	–	–	–	0·183
8	·002	–	–	·001	–	–	–	·003	·006	·009	·010	·016	·010	·011	·004	·001	–	–	·001	–	·001	·002	–	·001	0·078
9	–	–	–	–	–	–	–	–	–	–	–	–	·001	–	–	–	–	–	–	–	·003	–	·012	·011	0·027
10	·005	–	·032	·019	·002	·001	–	·003	·007	·045	·004	·014	·066	·020	·012	–	·003	·011	·021	·005	·007	·009	·003	·018	0·307
11	·015	·011	·009	·026	·019	·035	·015	·011	·001	·003	·013	·016	·010	·012	·002	·012	·003	·001	·003	·005	·010	·008	·008	·003	0·251
12	·003	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·003
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
14	–	·001	·006	·002	–	–	·005	·044	·004	·012	–	·002	–	·050	·067	–	·015	·046	·028	·028	·010	·002	·003	·012	0·337
15	·040	·018	·010	·003	·001	·002	·002	–	·017	·023	·015	·044	·025	·012	·006	·042	·022	·018	·008	–	–	–	–	–	0·308
16	–	–	–	·005	–	–	–	–	–	–	–	–	·015	·002	·009	·012	–	·016	·004	–	–	–	–	–	0·063
17	·007	·011	·100	·030	·016	·003	·001	·010	–	·003	–	–	–	–	·001	–	–	–	–	–	–	–	–	–	0·182
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·004	·015	·006	·002	·003	·026	·008	0·064
19	·018	·019	·018	·018	·003	·010	·076	·003	·058	·003	·022	–	·001	·010	·079	·082	·014	·003	·053	·070	·044	·025	·008	·002	**0·639**
20	·007	·008	·002	·003	·009	·019	·001	·002	–	–	–	–	–	·001	·002	–	–	–	–	–	–	–	–	–	0·054
21	–	–	–	–	–	–	–	–	–	–	–	–	–	·011	·032	·005	·007	·011	·006	·003	·001	–	–	–	0·076
22	·002	·001	·027	·015	·011	·008	·005	·010	·110	·028	·030	·031	·021	·004	·004	–	–	–	–	–	–	–	–	–	0·307
23	–	–	–	–	–	·003	–	–	–	–	–	–	–	·022	·052	·005	–	·059	·049	–	–	–	–	–	0·190
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·005	·007	·014	·014	·028	·042	·040	·022	·054	0·226
25	·045	·092	·008	·001	·011	·080	·025	·080	·032	·003	·003	–	–	–	–	·002	–	–	–	–	–	–	–	–	0·382
26	–	·004	·008	·014	·002	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·028
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
28	–	–	–	–	–	–	–	–	·005	·006	·011	·004	–	–	–	·003	–	–	–	–	–	·017	–	–	0·046
29	–	·006	·011	–	·005	–	–	–	–	–	–	·003	–	·007	·011	–	–	–	–	–	–	–	–	–	0·043
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
31	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
SUM	0·158	0·185	0·236	0·143	0·090	0·164	0·131	0·206	0·254	0·146	0·132	0·141	0·151	0·167	0·283	0·173	0·071	0·183	0·203	0·204	0·157	0·187	0·175	0·146	4·086

RAINFALL. AUGUST 1889.

1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·003	·021	·002	–	0·026
2	·005	–	·001	·001	–	–	–	–	–	–	·010	·003	·056	·010	·004	–	·009	·014	·006	·011	·033	·031	·028	·007	0·229
3	·002	·001	–	·002	–	·008	·011	·012	·005	·007	·007	·032	·009	·002	·002	–	·038	·005	·002	–	·001	–	–	–	0·146
4	·009	·001	·005	·025	·014	·026	–	–	·002	·001	–	–	–	–	–	–	–	–	·003	·003	·001	–	–	·012	0·102
5	·002	·036	·099	·019	·009	·001	–	–	–	–	–	–	·019	·018	·014	·035	·049	·070	·038	·144	·236	·346	·253	·058	1·446
6	·032	·008	·150	·024	–	·001	·007	–	·025	·026	·020	·068	·010	·017	·001	·022	·040	·066	–	·007	–	–	–	–	0·524
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·007	·007	–	–	·009	·001	–	–	–	–	0·024
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
9	–	·008	·013	[·015]	·011	[·030]	·029	·017	·028	·125	·041	·010	·005	·010	·007	–	·014	·010	–	·003	·001	–	–	–	0·377
10	–	–	–	–	·009	–	–	–	–	·009	·065	·152	·100	·052	·070	·017	·020	·020	–	·003	·001	–	·002	·033	0·553
11	·108	·009	·020	·030	–	·008	–	–	–	–	–	–	–	–	·002	–	–	–	–	·001	·001	·015	–	·001	0·195
12	–	–	–	–	–	–	–	·001	–	·011	–	–	–	·012	–	–	–	·021	·075	·050	·001	·013	·004	·003	0·191
13	·009	·004	·032	·010	·040	·002	·010	–	–	–	–	–	–	·001	·001	·002	–	–	–	–	·003	–	–	–	0·114
14	·001	·002	·001	·001	·001	·019	·031	·029	·060	·009	·004	–	–	–	–	·001	–	–	–	–	–	–	–	[·020]	0·179
15	·001	·046	·080	·017	·035	·011	·021	·003	·036	–	–	–	·010	·025	·052	·045	·012	·004	·004	·018	·008	·020	·008	·055	0·511
16	·008	·008	·001	·004	·002	·004	–	–	–	–	–	·001	·021	·073	·016	·038	·048	·065	·150	·171	·250	·275	·255	·290	1·680
17	·105	·140	·160	·068	·050	·022	·067	·084	·065	·003	·040	·065	–	·097	·007	·008	·005	·103	·010	·075	·023	·080	·001	·040	1·318
18	·264	·045	·040	·023	·030	·008	·026	–	·030	·095	·002	–	–	·035	·003	·003	·101	·040	·010	·023	·006	·002	·002	·003	0·791
19	·003	·045	·185	·114	·017	·010	–	–	–	·017	·010	–	·004	–	–	·020	·089	·014	·010	·030	·038	·050	·046	·115	0·817
20	·034	·080	·122	·120	·115	·052	·095	·075	·045	·076	·104	·050	·043	·097	·105	·105	·081	·074	·113	·004	·020	·045	·075	·222	1·952
21	·123	·077	·007	·050	·028	·008	·040	–	–	–	–	–	–	·001	–	–	–	–	–	·010	·001	·010	·010	·140	0·505
22	·100	·100	·050	·052	·011	·004	–	·003	·004	·001	–	·004	·005	–	–	·013	·021	–	–	–	–	–	·018	·008	0·394
23	–	·048	·015	·030	·014	·075	·010	·092	·030	·076	·030	·019	·035	·001	·001	·008	·032	·003	–	–	·001	·070	·018	–	0·608
24	–	–	–	–	·002	·001	·013	–	–	–	–	–	·012	·009	–	–	–	·004	·045	·030	·040	·024	·060	·025	0·265
25	·010	·020	·035	·015	·041	·010	·010	·004	·020	·020	·031	·056	·050	·010	·002	–	–	–	–	–	–	–	·015	·001	0·350
26	·008	·002	–	–	–	–	–	·021	·010	·008	–	–	–	·001	–	·008	·011	·022	·075	·081	·051	·032	·025	·040	0·395
27	·110	·060	·015	·008	·014	·010	·012	·021	·022	·050	·048	·040	·075	·086	·040	·061	·034	·019	·050	·042	·040	·063	·057	·075	1·052
28	·047	·063	·044	·124	·110	·198	·209	·149	·148	·177	·165	·134	·137	·095	·234	·193	·071	·050	·114	·080	·064	[·080]	·087	·160	**2·933**
29	·094	·113	·100	·038	·026	·067	·009	·001	–	·002	–	–	·012	·010	·018	·018	·010	·002	·005	·001	·002	–	–	–	0·529
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
31	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·004	–	·006	·013	·011	·029	·042	·007	·003	–	0·115
SUM	1·075	0·916	1·175	0·790	0·579	0·575	0·600	0·512	0·530	0·714	0·577	0·634	0·603	0·662	0·590	0·604	0·691	0·619	0·730	0·817	0·867	1·184	0·969	1·308	18·321

RAINFALL. INCHES FOR HOUR ENDING— SEPTEMBER 1889.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.
1	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·001
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3	–	–	–	–	–	–	·025	·003	·004	–	–	–	·001	–	–	–	–	–	–	–	–	–	–	–	0·033
4	–	·011	·008	–	·003	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·022
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·002	–	–	·001	·010	·015	–	·153	0·181
9	·192	·040	·032	·025	·023	·029	·004	·016	·005	·007	·024	–	–	–	–	–	–	–	–	–	–	·002	–	–	0·399
10	–	–	·006	·001	·022	·028	·003	·026	·020	·040	·001	·002	·001	·001	·001	·001	–	–	–	–	–	–	–	–	0·153
11	–	·003	·001	·010	·002	·001	·037	·050	·009	·026	·005	·006	–	–	–	–	–	–	–	·001	–	·014	–	·009	0·174
12	–	–	·002	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·002
13	–	–	·010	·010	·029	·026	·040	·011	·013	·002	·010	·002	–	·007	·009	·028	·027	·012	·008	·008	·008	–	–	·002	0·262
14	·009	·001	·005	·002	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·018
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17	–	–	–	–	–	–	–	–	·001	·010	·039	·012	·007	·003	·001	–	–	–	–	–	–	·006	·012	·020	0·111
18	·010	·009	·029	·086	·012	·023	·051	·011	·015	·023	·026	·011	·011	·032	·178	·058	·065	·078	·131	·160	·240	·282	·025	·006	**1·572**
19	·020	·032	·012	·059	·142	·028	·012	·035	·088	·065	·052	·009	·002	·050	[·050]	·050	·012	·092	·125	·110	·015	·064	·055	·034	1·213
20	·043	·018	·026	·010	·035	·018	–	–	–	–	·032	·008	–	·006	·065	·039	–	–	–	·010	–	–	·002	–	0·312
21	·001	·001	·003	·001	–	–	–	–	–	·032	·145	·013	·023	·030	·028	·064	·004	·025	–	·011	–	·001	–	–	0·382
22	–	–	–	–	·002	·008	·088	–	–	–	–	·042	·017	·017	–	–	·008	·003	·002	·002	–	–	–	·002	0·111
23	·001	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·002
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·105	·052	·049	·022	·010	·001	·001	·002	0·242
25	·003	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·003
26	–	–	–	–	·053	·114	·109	·021	·019	·024	·041	·095	·084	·165	·060	·031	·019	·010	·020	·001	·007	·001	·018	·023	0·915
27	·016	·038	·023	·042	·029	·042	·028	·015	·015	·001	·001	·001	·028	·060	·090	·030	·002	·001	·017	·085	·040	·051	·020	·070	0·745
28	·051	·040	·060	·022	·042	·002	·001	·019	·038	·036	·004	·005	·029	·018	·008	·007	–	–	–	–	–	–	–	–	0·382
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·012	·005	·009	·002	·001	0·029
30	–	–	–	–	–	–	–	–	–	–	–	–	–	·010	–	–	–	·005	–	–	–	–	–	–	0·015
SUM	0·347	0·194	0·217	0·268	0·395	0·319	0·318	0·207	0·227	0·266	0·380	0·206	0·203	0·399	0·490	0·308	0·244	0·278	0·352	0·423	0·335	0·446	0·135	0·322	7·279

RAINFALL. OCTOBER 1889.

1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·015	·008	0·023
4	·006	·005	·003	·001	·013	·030	·061	·026	·050	·041	·008	·010	·005	·004	·033	·091	·037	·030	·049	·014	·001	·020	·015	·003	0·556
5	·020	·010	·006	–	–	–	·001	·002	–	–	–	·002	–	·001	·001	·002	–	·003	·001	·003	·013	–	·004	·014	0·083
6	·033	·056	·003	·011	·031	·018	·064	·021	·036	·292	·026	·036	·003	·016	·001	·004	–	·015	·009	–	·008	·003	·025	·038	0·749
7	·060	·050	·038	·018	·020	·030	·004	–	–	·052	·129	·035	·095	·132	·002	·010	·009	·028	·074	·018	·010	·020	·035	·158	1·027
8	·135	·128	·109	·013	·042	·039	·032	·081	·065	·010	·006	·012	·047	·068	·060	·070	·020	·044	·002	·007	–	·001	·001	·001	0·993
9	·001	·001	·001	–	–	–	–	–	–	–	–	·007	·014	[·012]	·008	–	–	–	·008	·001	·001	–	–	–	0·054
10	–	–	–	–	–	–	–	–	–	–	–	–	·002	–	·002	·032	·040	·042	·010	·002	–	–	–	–	0·130
11	–	–	·001	–	–	–	–	–	·001	–	·028	·029	·022	·009	–	–	–	–	–	–	–	–	–	–	0·090
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·014	–	·002	–	–	0·016
13	–	–	–	–	–	–	·029	·001	·002	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·032
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
15	–	–	–	–	–	–	–	–	–	·001	·008	·004	·005	·064	·041	·016	·035	·080	·030	·008	·004	·041	·001	·002	0·340
16	·001	·001	–	–	·001	–	–	–	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·004
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18	–	–	–	–	–	–	·011	·001	–	–	·007	–	·001	–	–	–	–	–	–	–	–	·003	–	–	0·023
19	–	–	–	·013	–	–	–	·002	–	·013	·001	·008	·050	·009	·005	·001	–	–	–	–	–	–	–	–	0·102
20	–	–	–	·003	·004	·007	·035	·004	·008	·001	·001	–	·027	·009	·008	·012	·007	·015	·041	·011	·009	·022	·009	·013	0·246
21	·006	·017	·018	·012	·001	–	–	–	–	–	–	–	–	·003	·009	–	–	–	–	–	·001	–	–	–	0·067
22	–	–	·009	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·014	–	0·023
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·001	–	·001	–	–	–	–	·066	0·068
24	·012	–	·001	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·014
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·031	·001	–	–	–	–	–	–	–	0·032
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
29	·009	·008	–	–	–	–	·014	·013	·008	·018	·007	·022	·027	·021	·004	·009	·021	·017	·015	·043	·038	·022	·008	·008	0·332
30	·002	–	–	–	·042	·038	·063	·028	·070	·032	·063	·109	·060	·101	·032	·112	·132	·134	·082	·133	·003	·012	–	·012	**1·260**
31	·010	·011	·049	·032	·017	·008	–	–	–	–	·012	·018	·026	·010	·016	·029	·017	·031	·008	·012	·001	·002	·021	·025	0·355
SUM	0·295	0·287	0·238	0·104	0·171	0·170	0·314	0·179	0·241	0·460	0·296	0·292	0·384	0·459	0·222	0·419	0·320	0·439	0·330	0·266	0·089	0·148	0·148	0·348	6·619

RAINFALL. INCHES FOR HOUR ENDING— NOVEMBER 1889.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.
1	·002	·001	·009	·003	·017	·038	·060	·058	·052	·020	·021	–	·010	·251	·233	·127	·057	·113	·139	·061	·050	·040	·069	·060	**1·491**
2	·031	·059	·026	·024	·024	·019	·039	·022	·017	·039	·022	·029	·031	·012	·011	·002	·016	·007	·002	·003	·003	·002	·008	–	0·448
3	–	–	–	·018	·011	·014	–	·004	–	·003	–	·018	·015	·015	·010	·006	·006	–	–	–	–	–	–	·088	0·208
4	·055	·029	·021	·062	·017	·021	·011	·033	·019	–	–	–	–	–	–	·021	–	–	–	–	–	–	·006	·001	0·296
5	–	·018	·050	·020	·026	·010	·017	·006	–	–	–	–	·006	·010	·016	·016	·050	·049	·148	·030	·008	·007	–	–	0·487
6	–	·001	·007	·006	·021	·001	·009	·001	·003	·001	·011	·001	·016	·007	·018	·029	·128	·079	·017	·011	·025	·027	·031	·050	0·500
7	·070	·051	·038	·100	·092	·037	·027	·067	·075	·097	·094	·140	·109	·058	·038	·024	·005	–	–	–	·008	·006	–	–	1·136
8	–	–	–	–	–	–	–	–	–	–	·038	·001	·036	·029	·030	·038	·072	·056	·090	·089	·099	·080	·079	·074	0·811
9	·098	·088	·072	·067	·061	·059	·068	·053	·031	·015	·006	·012	·022	·018	·034	·013	·017	·019	·034	·018	·020	·020	·003	·020	0·868
10	·050	·035	·026	·008	·014	·010	·018	·017	·014	·005	·005	·003	·005	·002	·001	–	–	–	–	–	–	–	–	–	0·213
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12	–	–	–	·010	·005	·009	·012	·008	·010	·009	·004	·005	·001	·007	·001	–	·004	·001	·001	·012	·029	·008	·009	·007	0·152
13	·018	·010	·002	·003	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·033
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·010	·006	·009	·012	·017	·020	·006	0·080
15	·001	·001	–	·010	·012	·005	·004	·002	·002	–	·003	–	·001	–	·001	–	–	·004	·069	·090	·130	·089	·072	·102	0·598
16	·100	·038	–	·026	–	–	–	–	–	–	–	–	·005	–	–	–	–	–	–	–	–	–	–	–	0·169
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18	–	·002	–	·001	·015	·029	·004	·008	–	–	·010	·003	–	–	–	–	–	–	–	–	–	·002	·003	·002	0·079
19	·013	·001	·003	·018	·022	·011	·007	·009	·003	·007	·002	·002	·006	–	–	–	–	–	–	–	–	–	–	–	0·104
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·004	·002	·003	–	–	–	–	–	–	–	0·009
21	–	–	–	·009	·003	·008	·006	·011	·006	·005	·008	·007	–	–	–	–	–	–	–	–	–	–	–	·010	0·073
22	·001	–	·008	·008	·142	·210	·094	·052	·033	·011	·016	·004	·154	·128	·038	·003	·018	–	·025	·045	·014	·035	·018	·048	1·105
23	·012	·020	·016	·094	·035	–	·028	·023	·014	–	–	–	·012	·001	–	·009	·021	–	–	–	–	–	–	–	0·285
24	–	–	–	–	·015	·034	·030	·021	·049	·069	·058	·058	·108	·054	·086	·042	·066	·043	·068	·110	·108	·094	·135	·061	1·309
25	·073	·059	·026	·040	·036	·013	·038	·092	·042	·027	·020	·024	·023	·011	·020	·019	·016	·006	·011	–	–	–	–	·012	0·608
26	·019	·045	·018	·026	·017	·030	·028	·026	·022	·009	–	·025	·007	–	–	–	–	–	–	–	–	–	–	–	0·272
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·008	0·008
29	·005	·011	·007	·012	·004	·010	·005	·006	·005	–	–	·001	·003	–	–	–	–	–	–	–	–	–	–	–	0·069
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·003	·008	·021	·027	·009	0·068
SUM	0·548	0·469	0·329	0·565	0·589	0·568	0·505	0·519	0·397	0·317	0·318	0·333	0·570	0·603	0·541	0·351	0·479	0·387	0·610	0·481	0·514	0·448	0·480	0·558	11·479

RAINFALL. DECEMBER 1889.

1	·008	·021	·010	·012	·008	·024	·041	·052	·047	·042	·023	·013	·019	·029	·022	·016	·012	·005	·012	·009	·003	·004	·005	·008	0·445
2	·009	·001	·010	·003	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	·001	–	–	–	–	–	0·025
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6	–	–	–	–	–	–	–	·008	·005	–	–	–	–	·009	·010	·012	·030	·089	·021	·030	·050	·048	·100	·026	0·438
7	·009	·039	·023	–	·001	·002	–	–	–	–	–	–	–	–	·002	·056	·043	·024	·052	·024	·050	·021	·074	·010	0·430
8	·019	·009	·050	·031	·015	·001	·004	·001	·038	·008	·019	–	·052	·002	·003	·021	·061	·090	·115	·115	·123	·099	·133	·168	1·177
9	·242	·216	·309	·182	·291	·135	·261	·070	·302	·083	·102	·018	·026	·071	·050	·128	·011	·053	·056	·032	·038	·022	·040	·034	**2·772**
10	·071	·059	·018	·040	·070	·024	·028	·022	·007	·099	·101	·129	·193	·036	·030	·010	·028	·012	·009	·011	·003	·002	·004	·017	1·023
11	·014	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·009	–	–	–	–	0·023
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	[·010]	[·020]	0·030
13	[·040]	·040	·027	·029	·089	·103	·238	·137	·152	·056	·035	·008	·039	·030	·012	·016	·006	·001	–	–	·063	·064	·014	·009	1·208
14	·002	·001	·001	–	–	·001	·001	·015	·011	·001	–	–	–	–	–	–	–	–	–	[·020]	·038	·009	·018	·002	0·120
15	·009	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·036	0·045
16	·035	·056	·050	·081	·072	·002	·002	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·012	·082	0·392
17	·041	·053	·088	·028	·089	·110	·088	·092	·012	·002	–	–	–	–	–	–	–	·008	–	–	–	·009	·003	·030	0·653
18	·032	·028	·035	·052	·132	·103	·234	·167	·115	·083	·202	·139	·022	·058	·013	·006	·010	–	·032	·040	·002	·006	·017	·009	1·537
19	·019	·018	·008	·065	·074	·105	·234	·182	·148	·140	·089	·017	·012	·072	·043	·050	·123	·114	·097	·064	·020	·019	·085	·058	1·856
20	·021	·031	·066	·017	·032	·003	·009	–	–	–	·007	·048	·010	·056	·023	·018	·071	·092	·083	·095	·022	·057	·062	·011	0·834
21	·115	·055	·091	·020	·178	·102	·058	·015	·057	·128	·106	·014	·024	–	–	–	–	–	–	–	–	–	–	–	0·963
22	–	–	–	–	–	–	–	–	[·020]	·030	·011	·027	·004	·012	·001	·008	·007	·021	·014	·026	·003	·027	·020	·029	0·260
23	·020	·009	·002	·008	·002	·013	·003	·027	·020	·028	·005	·020	–	–	–	·008	–	–	–	·009	·027	·040	·041	·025	0·307
24	·160	·085	·017	·036	·128	·272	·063	·088	·069	·023	·021	·073	·062	·102	·022	·037	·048	·003	·021	·008	·003	–	–	–	1·341
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·001	·001	–	–	·001	–	·001	·001	0·005
26	·003	·009	·001	·007	·001	·003	·007	·028	·007	·010	·012	·009	·002	·003	–	·001	–	·001	·003	·005	·007	·004	·001	·003	0·127
27	–	–	·002	–	·001	–	–	–	–	–	–	·001	·008	–	–	–	–	–	–	–	–	–	–	–	0·012
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
30	–	–	·001	·001	·003	·002	·001	·002	·002	·001	–	–	–	–	–	·003	·011	·006	·002	·009	·011	·008	·029	·018	0·110
31	·015	·031	·020	·061	·086	·072	·050	·074	·244	·240	·133	·098	·080	·101	·105	·180	·118	·141	·038	·009	·007	–	–	–	1·903
SUM	0·884	0·761	0·829	0·673	1·273	1·077	1·322	0·980	1·256	0·974	0·866	0·614	0·553	0·581	0·336	0·570	0·580	0·661	0·556	0·515	0·471	0·439	0·669	0·596	18·036

SUNSHINE. HOURLY VALUES—HOURS AND TENTHS—FOR HOUR, GREENWICH MEAN TIME, ENDING— JANUARY 1889.

	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	Amount.	Total Possible.	
1	–	–	–	–	–	–	–	·20	·07	–	–	–	–	–	–	–	–	–	0·27	6·80	1
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·83	2
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·86	3
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·89	4
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·92	5
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·95	6
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·99	7
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·03	8
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·07	9
10	–	–	–	–	–	–	·50	1·00	1·00	1·00	1·00	1·00	1·00	–	–	–	–	–	**6·50**	7·11	10
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·15	11
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·20	12
13	–	–	–	–	–	–	·50	–	·17	·25	–	–	–	–	–	–	–	–	0·92	7·25	13
14	–	–	–	–	–	–	–	–	·05	–	–	–	–	–	–	–	–	–	0·05	7·30	14
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·35	15
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·41	16
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·46	17
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·52	18
19	–	–	–	–	–	–	–	–	–	–	·07	–	–	–	–	–	–	–	0·07	7·57	19
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·63	20
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·69	21
22	–	–	–	–	–	–	–	–	·75	1·00	1·00	1·00	·83	–	–	–	–	–	4·58	7·75	22
23	–	–	–	–	–	·13	·92	·17	1·00	1·00	·33	–	–	–	–	–	–	–	3·55	7·82	23
24	–	–	–	–	–	–	–	·43	·42	·53	–	–	–	–	–	–	–	–	1·38	7·88	24
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·94	25
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·01	26
27	–	–	–	–	–	·23	1·00	1·00	1·00	1·00	1·00	·17	–	–	–	–	–	–	5·40	8·07	27
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·14	28
29	–	–	–	–	–	–	–	–	–	·10	–	–	–	–	–	–	–	–	0·10	8·21	29
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·28	30
31	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·35	31
SUM.	–	–	–	–	–	0·36	2·92	2·80	4·46	4·88	3·40	2·17	1·83	–	–	–	–	–	22·82	231·43	SUM.

SUNSHINE. FEBRUARY 1889.

1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·42	1
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·49	2
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·56	3
4	–	–	–	–	–	–	·33	·84	–	·05	–	–	·32	·08	–	–	–	–	1·62	8·63	4
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·70	5
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·78	6
7	–	–	–	–	–	–	–	–	·03	–	–	–	–	–	–	–	–	–	0·03	8·85	7
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·92	8
9	–	–	–	–	–	–	–	–	·17	·93	–	–	–	–	–	–	–	–	1·10	9·00	9
10	–	–	–	–	–	–	–	–	1·00	·25	·02	–	–	–	–	–	–	–	1·27	9·08	10
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·16	11
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·23	12
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·31	13
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·39	14
15	–	–	–	–	–	–	–	–	–	–	·33	–	–	–	–	–	–	–	0·33	9·47	15
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·55	16
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·63	17
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·70	18
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·78	19
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·86	20
21	–	–	–	–	–	·03	–	–	·17	·43	·30	–	·22	–	–	–	–	–	1·15	9·94	21
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·02	22
23	–	–	–	–	·25	1·00	·80	·12	·67	·98	·63	·90	·80	·67	–	–	–	–	6·82	10·10	23
24	–	–	–	–	–	–	–	·62	1·00	1·00	1·00	·63	·83	·20	·17	–	–	–	5·45	10·18	24
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·26	25
26	–	–	–	–	–	–	–	·07	·33	·55	·08	·22	–	–	–	–	–	–	1·25	10·34	26
27	–	–	–	–	–	·20	1·00	1·00	1·00	1·00	1·00	1·00	·93	·67	–	–	–	–	**7·80**	10·42	27
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·50	28
SUM.	–	–	–	–	0·25	1·23	2·13	2·65	4·37	5·19	3·36	2·75	3·10	1·62	0·17	–	–	–	26·82	264·27	SUM.

SUNSHINE. HOURLY VALUES—HOURS AND TENTHS—FOR HOUR, GREENWICH MEAN TIME, ENDING— MARCH 1889.

	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	Amount.	Total Possible.	
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·58	1
2	–	–	–	–	·50	1·00	1·00	1·00	·67	·33	·25	·13	·17	·67	–	–	–	–	5·72	10·66	2
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·74	3
4	–	–	–	–	–	–	–	–	·07	·63	·92	·98	·38	–	–	–	–	–	2·98	10·82	4
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·90	5
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·99	6
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·07	7
8	–	–	–	–	–	–	·10	–	·10	·07	·08	·17	·93	·33	–	–	–	–	1·78	11·15	8
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·23	9
10	–	–	–	–	–	–	–	–	·12	·02	–	·02	–	·17	–	–	–	–	0·33	11·31	10
11	–	–	–	–	–	–	–	·72	·56	·92	1·00	1·00	–	–	–	–	–	–	4·20	11·39	11
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·47	12
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·55	13
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·63	14
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·71	15
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·79	16
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·87	17
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·95	18
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·03	19
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·11	20
21	–	–	–	–	–	–	·27	·50	·67	–	·20	·23	–	–	–	–	–	–	1·87	12·19	21
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·27	22
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·35	23
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·43	24
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·51	25
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·59	26
27	–	–	–	–	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·55	·58	·29	–	–	–	9·42	12·67	27
28	–	–	–	–	·38	·17	–	–	–	–	–	–	–	–	–	–	–	–	0·55	12·75	28
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·83	29
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·91	30
31	–	–	–	–	–	–	–	–	–	–	·03	–	–	–	–	–	–	–	0·03	12·99	31
SUM.	–	–	–	–	1·88	2·17	2·37	3·22	3·19	2·97	3·48	3·53	2·03	1·75	0·29	–	–	–	26·88	365·44	SUM.

SUNSHINE. APRIL 1889.

1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·07	1
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·15	2
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·23	3
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·31	4
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·39	5
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·47	6
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·55	7
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·63	8
9	–	–	–	–	–	–	–	·07	·50	·42	·26	·05	–	–	–	–	–	–	1·30	13·71	9
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·79	10
11	–	–	–	·02	1·00	1·00	1·00	1·00	·67	·38	–	–	–	–	–	–	–	–	5·07	13·87	11
12	–	–	–	–	·50	·27	–	·33	·23	–	–	–	–	–	–	–	–	–	1·33	13·95	12
13	–	–	–	–	–	–	–	–	·20	·38	–	–	–	·12	–	–	–	–	0·70	14·03	13
14	–	–	–	·42	1·00	·90	1·00	1·00	1·00	1·00	1·00	·92	·67	·16	–	–	–	–	9·07	14·10	14
15	–	–	–	–	–	·58	·72	·83	·05	·90	·30	–	–	–	–	–	–	–	3·38	14·18	15
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·26	16
17	–	–	–	–	–	–	·06	–	·02	·87	1·00	1·00	1·00	1·00	1·00	1·00	–	–	6·95	14·34	17
18	–	–	–	·50	1·00	·95	·78	·32	–	–	–	–	–	–	–	–	–	–	3·55	14·42	18
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·50	19
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·57	20
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·65	21
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·73	22
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·57	–	–	0·57	14·80	23
24	–	–	–	–	–	–	–	–	·01	·02	–	–	–	–	–	–	–	–	0·03	14·88	24
25	–	–	–	·03	·73	·08	1·00	1·00	1·00	·85	·74	–	–	–	·02	–	–	–	5·45	14·96	25
26	–	–	–	–	·70	·85	·25	·05	–	·03	–	–	–	–	–	–	–	–	1·88	15·03	26
27	–	–	–	–	–	–	–	·10	·87	·90	·22	·40	1·00	·63	·78	·43	–	–	5·33	15·11	27
28	–	–	–	–	–	–	–	–	·05	–	–	–	–	–	–	–	–	–	0·05	15·18	28
29	–	–	–	–	–	–	·07	–	·55	·50	·39	·53	·47	·50	·58	·30	–	–	3·80	15·26	29
30	–	–	–	–	–	–	·40	·20	·77	·53	·67	·53	·33	–	–	–	–	–	3·43	15·33	30
SUM.	–	–	–	0·97	4·93	4·63	5·28	4·90	5·92	6·78	4·49	3·43	3·47	2·41	2·38	2·30	–	–	51·89	426·45	Sum.

SUNSHINE. HOURLY VALUES—HOURS AND TENTHS—FOR HOUR, GREENWICH MEAN TIME, ENDING— MAY 1889.

	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	Amount.	Total Possible.	
1	–	–	–	–	–	–	–	–	–	–	–	·22	–	–	–	–	–	–	0·22	15·40	1
2	–	–	–	–	–	–	–	·03	·25	·24	·40	·67	·33	·47	·48	–	–	–	2·87	15·48	2
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·55	3
4	–	–	–	–	–	–	–	–	–	–	–	–	–	·78	·07	–	–	–	0·85	15·62	4
5	–	–	–	–	–	–	–	·02	·42	·40	·23	·88	·52	·13	·30	·50	·10	–	3·50	15·70	5
6	–	–	·25	·50	·27	·32	·84	1·00	1·00	1·00	1·00	1·00	1·00	·58	·18	·28	–	–	9·22	15·77	6
7	–	–	–	–	–	·05	–	–	–	·23	·55	·10	·04	–	–	–	–	–	0·97	15·84	7
8	–	–	–	–	–	–	–	–	–	–	–	–	·14	·03	·02	·28	–	–	0·47	15·91	8
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·98	9
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·04	10
11	–	–	–	–	–	–	–	–	–	–	–	·10	–	–	–	–	–	–	0·10	16·11	11
12	–	–	–	–	·28	1·00	·70	·50	·20	·52	·16	·62	–	–	–	–	–	–	3·98	16·18	12
13	–	–	·47	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·28	–	–	**12·75**	16·24	13
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·31	14
15	–	–	–	–	–	–	–	–	–	–	–	–	·40	·05	–	–	–	–	0·45	16·37	15
16	–	–	–	–	–	–	·22	·57	·38	·03	·02	·03	·07	·60	–	–	–	–	1·92	16·44	16
17	–	–	–	–	–	–	–	–	·45	·37	·25	·22	·03	–	·08	·84	·18	–	2·42	16·50	17
18	–	–	–	–	–	·26	·05	·53	·05	·07	·37	·50	1·00	1·00	1·00	1·00	·07	–	5·90	16·56	18
19	–	–	–	–	·13	·47	·23	·40	·47	·87	·18	·05	–	–	–	–	–	–	2·80	16·62	19
20	–	–	–	–	–	–	–	–	–	–	·07	·16	·05	–	–	–	–	–	0·28	16·68	20
21	–	–	–	–	–	–	–	–	·24	·62	·10	·08	·05	·08	1·00	·28	–	–	2·45	16·74	21
22	–	–	–	–	–	·03	–	·03	·24	·25	–	·64	·68	·98	·10	–	–	–	2·95	16·80	22
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·13	·07	–	–	0·20	16·85	23
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·91	24
25	–	–	–	–	–	–	–	–	–	–	–	·05	–	–	–	–	·37	–	0·42	16·96	25
26	–	–	·07	1·00	1·00	·97	·92	1·00	1·00	·86	·18	·58	·20	–	·12	–	–	–	7·90	17·02	26
27	–	–	·97	·93	·33	·98	·48	·97	·42	1·00	1·00	·92	·30	·50	–	·57	·93	–	10·30	17·07	27
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·12	28
29	–	–	–	–	–	–	–	–	·55	–	–	·06	·07	·17	–	–	–	–	0·85	17·16	29
30	–	–	–	–	–	–	–	–	–	–	–	–	·07	·06	·02	–	–	–	0·15	17·21	30
31	–	–	–	–	–	–	–	–	·01	·02	–	–	–	–	–	–	–	–	0·03	17·26	31
SUM.	–	–	1·76	3·43	3·01	5·08	4·44	6·05	6·68	7·48	5·51	7·88	5·95	6·43	4·50	4·10	1·65	–	73·95	508·40	SUM.

SUNSHINE. JUNE 1889.

1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·30	1
2	–	–	–	·52	·23	–	–	–	–	–	–	–	–	·02	–	–	–	–	0·77	17·34	2
3	–	–	–	–	–	–	–	–	–	–	·27	·23	·83	·92	1·00	1·00	1·00	·45	5·70	17·38	3
4	–	·75	1·00	1·00	·97	–	·67	·55	·08	–	·03	·13	·30	·58	·92	·94	·58	·07	8·57	17·42	4
5	–	·67	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·98	1·00	1·00	1·00	1·00	1·00	1·00	·83	–	15·48	17·46	5
6	–	–	–	·10	·80	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·05	–	11·95	17·49	6
7	–	–	–	·55	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·42	1·00	·96	·55	13·48	17·52	7
8	–	–	–	–	–	–	–	·10	–	–	–	–	–	–	–	–	–	–	0·10	17·55	8
9	–	–	–	–	–	·03	–	–	·24	·08	·64	·30	·08	–	–	–	–	–	1·37	17·58	9
10	–	·73	1·00	1·00	1·00	·93	1·00	·98	1·00	·47	·30	·22	·15	·47	·97	1·00	1·00	·25	12·47	17·61	10
11	–	–	·06	1·00	1·00	1·00	·90	·47	·50	·92	1·00	·50	·33	·10	–	–	–	–	7·78	17·64	11
12	–	–	–	–	–	–	–	–	·03	–	–	–	–	–	–	–	–	–	0·03	17·66	12
13	–	–	–	–	–	·03	–	–	–	·02	–	–	–	–	–	–	–	–	0·05	17·68	13
14	–	–	·64	1·00	·90	·43	·18	·03	–	–	–	–	–	–	–	–	–	–	3·18	17·70	14
15	–	–	–	–	–	–	–	–	–	–	·02	–	–	–	–	–	–	–	0·02	17·71	15
16	–	–	–	–	–	–	·06	·98	·67	·62	·27	1·00	1·00	·88	1·00	1·00	1·00	·47	8·95	17·72	16
17	–	·50	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·30	15·80	17·73	17
18	–	·33	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·62	·83	–	14·78	17·74	18
19	–	–	·03	·33	1·00	·97	·98	1·00	1·00	·94	·97	·78	·20	·30	·84	·83	–	·05	10·22	17·74	19
20	–	·97	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·86	1·00	1·00	·87	·15	15·85	17·75	20
21	–	·58	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·72	**16·30**	17·75	21
22	–	–	–	–	–	·72	1·00	1·00	1·00	1·00	·80	·23	·17	·38	·42	·36	1·00	·17	8·25	17·75	22
23	–	–	·27	1·00	1·00	1·00	1·00	1·00	1·00	·53	·20	·36	·90	·80	1·00	1·00	·42	–	11·48	17·75	23
24	–	–	–	·27	1·00	1·00	1·00	1·00	1·00	·46	·37	·75	1·00	·67	·68	·25	–	–	9·45	17·74	24
25	–	–	–	·67	·08	·05	–	·53	1·00	1·00	·95	·92	1·00	1·00	·98	·55	·62	–	9·35	17·74	25
26	–	–	–	–	·03	·62	1·00	1·00	1·00	·50	·58	·08	·02	·05	–	–	–	–	4·88	17·73	26
27	–	–	–	–	–	–	–	–	·13	·95	·75	·63	·03	–	·42	·27	·37	·10	3·65	17·72	27
28	–	–	–	–	–	–	·18	·78	·95	·62	·15	–	–	–	–	–	–	–	2·68	17·71	28
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·69	29
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·67	30
SUM.	–	4·53	8·00	12·44	14·01	13·78	14·97	16·42	16·60	15·09	14·30	13·13	13·01	13·03	14·65	13·82	11·53	3·28	212·59	528·97	SUM.

SUNSHINE. HOURLY VALUES—HOURS AND TENTHS—FOR HOUR, GREENWICH MEAN TIME, ENDING— JULY 1889.

	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	Amount.	Total Possible.	
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·65	1
2	–	–	–	·50	·83	1·00	1·00	1·00	·62	·03	–	·06	·02	·15	·42	·30	·02	–	5·95	17·63	2
3	–	–	·33	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·64	–	**13·97**	17·60	3
4	–	–	–	–	·55	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·48	–	12·03	17·57	4
5	–	–	–	–	–	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·97	1·00	·25	–	11·22	17·54	5
6	–	–	–	–	1·00	·55	·17	·30	·97	·55	·28	–	–	–	–	–	–	–	3·82	17·51	6
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·48	7
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·44	8
9	–	–	–	–	–	–	–	–	–	–	·37	·85	·12	·78	·33	–	–	–	2·45	17·40	9
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·36	10
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·32	11
12	–	–	–	·08	·35	·34	·67	·28	–	·08	–	–	–	–	–	–	·18	–	1·98	17·28	12
13	–	–	–	–	–	–	–	–	–	·07	·08	–	–	–	–	–	–	–	0·15	17·24	13
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·19	14
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·02	–	0·02	17·14	15
16	–	–	–	–	–	–	·08	·24	–	·12	·25	·03	·05	·55	·53	·20	·13	–	2·18	17·09	16
17	–	–	–	–	–	–	–	–	–	–	–	–	–	·08	·04	–	–	–	0·12	17·04	17
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·99	18
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·94	19
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·89	20
21	–	–	–	–	·78	1·00	·58	·75	·87	·50	–	–	–	–	–	–	–	–	4·48	16·83	21
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·77	22
23	–	–	–	–	–	·20	·37	·10	–	–	·17	–	–	–		–	–	·28	1·12	16·72	23
24	–	–	–	–	·20	·83	·07	–	–	–	–	–	–	–	–	–	–	–	1·10	16·66	24
25	–	–	–	–	–	–	–	–	–	·30	·20	·03	–	·70	·88	·14	–	–	2·25	16·60	25
26	–	–	–	–	·22	·23	·92	1·00	1·00	1·00	·92	·86	1·00	·80	·08	–	–	–	8·03	16·54	26
27	–	–	–	·67	1·00	1·00	·85	·93	1·00	1·00	1·00	·97	1·00	·55	·36	·75	–	–	11·08	16·48	27
28	–	–	–	–	–	–	–	–	–	–	·37	·05	–	–	–	–	–	–	0·42	16·41	28
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·03	·30	·02	–	0·35	16·35	29
30	–	–	·08	·60	·90	1·00	1·00	·96	1·00	·90	1·00	1·00	1·00	·82	·62	1·00	·42	–	12·30	16·28	30
31	–	–	–	–	·28	·22	·06	·20	·18	·62	·02	–	–	·03	·02	·02	–	–	1·65	16·22	31
SUM.	–	–	0·41	2·85	7·11	9·37	8·77	8·76	8·64	8·17	7·66	6·85	6·19	7·46	6·28	5·71	2·16	0·28	96·67	528·16	SUM.

SUNSHINE. AUGUST 1889.

1	–	–	–	–	–	–	–	·03	–	–	–	–	–	–	–	–	–	–	0·03	16·15	1
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·09	2
3	–	–	–	–	–	–	–	–	–	–	·02	–	–	–	–	–	–	–	0·02	16·02	3
4	–	–	–	–	–	–	–	–	–	·15	·03	–	–	–	–	–	–	–	0·18	15·95	4
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·88	5
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·81	6
7	–	–	–	·07	–	·02	·43	·43	–	–	–	–	–	–	–	–	–	–	0·95	15·74	7
8	–	–	·58	·50	–	–	·22	·08	·15	–	·10	·37	·08	·03	·05	·17	·50	–	2·83	15·67	8
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·60	9
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·52	10
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·45	11
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·38	12
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·31	13
14	–	–	–	–	–	–	–	–	–	–	–	·02	–	–	–	–	–	–	0·02	15·24	14
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·16	15
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·09	16
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·01	17
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·94	18
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·87	19
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·79	20
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·71	21
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·64	22
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·56	23
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·48	24
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·40	25
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·32	26
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·25	27
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·17	28
29	–	–	–	–		–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·10	29
30	–	–	–	–	–	–	·10	–	–	·05	·05	–	–	–	–	–	–	–	0·20	14·03	30
31	–	–	–	–	·42	·90	1·00	1·00	1·00	·16	–	–	–	–	–	–	–	–	**4·48**	13·95	31
SUM.	–	–	0·58	0·57	0·42	0·92	1·75	1·54	1·15	0·36	0·20	0·39	0·08	0·03	0·05	0·17	0·50	–	8·71	467·28	SUM.

SUNSHINE. HOURLY VALUES—HOURS AND TENTHS—FOR HOUR, GREENWICH MEAN TIME, ENDING— SEPTEMBER 1889.

	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	Amount.	Total Possible.	
1	–	–	–	–	·83	1·00	·58	·42	·67	·53	·08	–	–	·74	·70	–	–	–	5·55	13·87	1
2	–	–	–	–	–	–	–	–	–	·14	·33	·70	·07	·13	–	–	–	–	1·37	13·78	2
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·70	3
4	–	–	–	–	–	–	–	–	–	–	–	·02	–	–	–	–	–	–	0·02	13·62	4
5	–	–	–	–	·50	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·80	–	–	–	–	–	8·30	13·54	5
6	–	–	–	–	–	·72	·17	·27	1·00	·83	·63	·88	1·00	1·00	·75	–	–	–	7·25	13·46	6
7	–	–	–	–	·33	·92	1·00	1·00	1·00	1·00	·87	1·00	·58	–	–	–	–	–	7·70	13·38	7
8	–	–	–	–	–	–	–	–	–	–	–	·05	–	–	–	–	–	–	0·05	13·30	8
9	–	–	–	–	–	–	–	–	–	·25	·20	·15	1·00	·75	–	–	–	–	2·35	13·22	9
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·14	10
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·07	11
12	–	–	–	–	–	–	–	–	–	–	–	–	·52	·20	·03	–	–	–	0·75	12·99	12
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·91	13
14	–	–	–	–	–	–	–	–	–	–	–	·30	·34	·28	·90	–	–	–	1·82	12·84	14
15	–	–	–	–	·50	·10	·12	·15	·80	·88	·46	·02	–	–	–	–	–	–	3·03	12·76	15
16	–	–	–	–	·52	·16	–	–	–	–	–	–	–	–	–	–	–	–	0·68	12·68	16
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·60	17
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·52	18
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·44	19
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·36	20
21	–	–	–	–	·02	–	–	–	–	–	–	–	–	–	–	–	–	–	0·02	12·28	21
22	–	–	–	–	–	–	–	–	–	·15	·12	–	–	–	–	–	–	–	0·27	12·20	22
23	–	–	–	–	–	–	·02	·10	·25	·30	·33	·63	·08	·17	–	–	–	–	1·88	12·12	23
24	–	–	–	·25	·97	1·00	·23	1·00	·75	·20	·42	–	–	–	–	–	–	–	4·82	12·04	24
25	–	–	–	–	–	–	–	–	·28	·10	–	–	–	–	–	–	–	–	0·38	11·96	25
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·88	26
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·80	27
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·72	28
29	–	–	–	–	–	–	–	–	–	–	·23	–	–	–	–	–	–	–	0·23	11·64	29
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·56	30
SUM.	–	–	–	0·25	3·67	4·90	3·12	3·94	5·75	5·38	4·67	4·75	4·39	3·27	2·38	–	–	–	46·47	381·38	SUM.

SUNSHINE. OCTOBER 1889.

1	–	–	–	–	·25	·46	1·00	·20	·20	·75	·30	·02	·20	·70	–	–	–	–	4·08	11·48	1
2	–	–	–	–	·07	·75	–	–	–	–	·58	·93	–	–	–	–	–	–	2·33	11·40	2
3	–	–	–	–	–	–	–	–	–	–	–	·08	–	–	–	–	–	–	0·08	11·32	3
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·24	4
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·17	5
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·09	6
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·01	7
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·93	8
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·85	9
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·77	10
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·69	11
12	–	–	–	–	·46	1·00	1·00	1·00	1·00	1·00	·27	–	·63	·42	–	–	–	–	6·78	10·62	12
13	–	–	–	–	–	–	·03	·42	–	–	–	–	–	–	–	–	–	–	0·45	10·54	13
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·46	14
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·38	15
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·30	16
17	–	–	–	–	–	·92	1·00	1·00	·67	·63	1·00	1·00	1·00	·23	–	–	–	–	7·45	10·22	17
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·14	18
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·06	19
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·98	20
21	–	–	–	–	–	–	–	·03	·07	·17	–	–	–	–	–	–	–	–	0·27	9·90	21
22	–	–	–	–	–	–	–	·28	·43	·67	·67	·72	·13	–	–	–	–	–	2·90	9·83	22
23	–	–	–	–	–	·22	–	·02	–	–	·03	–	–	–	–	–	–	–	0·27	9·75	23
24	–	–	–	–	–	–	–	·23	1·00	·35	·17	·12	–	–	–	–	–	–	1·87	9·67	24
25	–	–	–	–	·67	·57	·03	·12	–	–	–	–	·28	–	–	–	–	–	1·67	9·60	25
26	–	–	–	–	·17	–	–	–	–	–	–	–	–	–	–	–	–	–	0·17	9·52	26
27	–	–	–	–	·13	1·00	1·00	·97	1·00	·12	·87	1·00	1·00	·46	–	–	–	–	7·55	9·44	27
28	–	–	–	–	·53	1·00	1·00	1·00	1·00	1·00	1·00	·85	·84	–	–	–	–	–	8·22	9·36	28
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·28	29
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·20	30
31	–	–	–	–	–	–	·02	–	–	–	–	–	–	–	–	–	–	–	0·02	9·12	31
SUM.	–	–	–	–	2·28	5·92	5·08	5·27	5·37	4·69	4·89	4·72	4·08	1·81	–	–	–	–	44·11	319·32	SUM.

SUNSHINE. HOURLY VALUES—HOURS AND TENTHS—FOR HOUR, GREENWICH MEAN TIME, ENDING— NOVEMBER 1889.

	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	Amount.	Total Possible.	
1	–	–	–	–	–	–	–	–	·53	·15	–	–	–	–	–	–	–	–	0·68	9·05	1
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·97	2
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·90	3
4	–	–	–	–	–	–	–	–	–	1·00	·60	·08	–	–	–	–	–	–	1·68	8·83	4
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·76	5
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·69	6
7	–	–	–	–	–	–	–	–	–	–	–	–	·20	·03	–	–	–	–	0·23	8·62	7
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·55	8
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·48	9
10	–	–	–	–	–	–	–	–	–	–	–	·18	·50	–	–	–	–	–	0·68	8·41	10
11	–	–	–	–	·10	1·00	1·00	1·00	1·00	1·00	·33	·62	·17	–	–	–	–	–	**6·22**	8·34	11
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·27	12
13	–	–	–	–	–	–	–	–	·02	–	·05	–	–	–	–	–	–	–	0·07	8·20	13
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·13	14
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·06	15
16	–	–	–	–	–	–	–	·17	·08	–	–	·05	–	–	–	–	–	–	0·30	7·99	16
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·92	17
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·86	18
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·80	19
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·74	20
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·68	21
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·62	22
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·56	23
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·50	24
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·45	25
26	–	–	–	–	–	–	–	·37	·46	–	–	·12	–	–	–	–	–	–	0·95	7·40	26
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·35	27
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·30	28
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·24	29
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·19	30
SUM.	–	–	–	–	0·10	1·00	1·00	1·54	2·09	2·15	0·98	1·05	0·87	0·03	–	–	–	–	10·81	241·86	Sum.

SUNSHINE. DECEMBER 1889.

1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·14	1
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·09	2
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·04	3
4	–	–	–	–	–	·50	·33	·42	·95	·33	·57	·05	·10	–	–	–	–	–	**3·25**	6·99	4
5	–	–	–	–	–	·10	·12	·28	·48	–	–	–	–	–	–	–	–	–	0·98	6·94	5
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·90	6
7	–	–	–	–	–	·12	1·00	·38	–	–	–	–	–	–	–	–	–	–	1·50	6·87	7
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·85	8
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·83	9
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·81	10
11	–	–	–	–	–	–	–	–	·12	·37	·95	·63	–	–	–	–	–	–	2·07	6·79	11
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·77	12
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·75	13
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·73	14
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·71	15
16	–	–	–	–	–	–	–	·42	–	–	–	–	–	–	–	–	–	–	0·42	6·69	16
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·68	17
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·67	18
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·66	19
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·65	20
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·65	21
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·65	22
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·66	23
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·66	24
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·67	25
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·68	26
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·69	27
28	–	–	–	–	–	–	·60	·77	·25	·22	·58	·48	–	–	–	–	–	–	2·90	6·71	28
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·73	29
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·75	30
31	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·77	31
SUM.	–	–	–	–	–	0·72	2·05	2·27	1·80	0·92	2·10	1·16	0·10	–	–	–	–	–	11·12	210·18	Sum.

WIND. DIRECTION AND FORCE (0 to 12). JANUARY 1889.

	1		2		3		4		5		6		7		8		9		10		11		12		Max.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	NE	0–1	NNE	1–3	Var.	1–2	ENE	0–2	NW	0–1	WSW	1	W	1	W	1–2	W	1	SW	0	W	1	W	0–1	2
2	SSW	2	SW	2	SW	1–3	SSW	2	SSW	2–3	S	2	SW	1–3	SW	2–3	WSW	2–3	W	2–3	SW	3	SW	2–3	4
3	SW	3–4	WSW	3–4	W	3–4	WSW	3–5	SW	4–5	SW	4	SW	4	SW	4–5	WSW	3–4	W	4	SW	2–4	SW	3–4	5
4	SW	3–4	SSW	3–4	SW	3–4	SW	2–4	WSW	1–3	SW	1–3	SW	1–4	SW	1–4	SW	3–4	SW	3–4	SW	3–4	SW	3	4
5	SSW	1–2	SSW	3–4	SW	3–4	WSW	2–3	WSW	2–3	WSW	2–4	SW	3–5	WSW	2–3	W	1–5	SW	2–4	SW	3–4	WSW	3	5
6	WSW	1–3	WNW	1–4	W	1–3	WNW	0–2	N	0–3	NNW	0–2	NW	0–2	W	0–2	WSW	1–2	N	0–2	NNW	0–1	W	0–2	4
7	SW	0–1	SSW	1	S	1	S	1–2	S	1	S	2	S	2	SSE	2–3	SSE	3	SE	3	SSE	3	S	2	5
8	S	4–5	SE	6–7	SSE	7–8	SSE	5–7	SSE	6–7	SSE	6	SSE	6	S	6	S	5–6	SSE	6	S	6	S	5–6	8
9	SSE	3–4	S	3–4	S	3	S	3	S	2–4	S	2–3	S	2	S	2	S	1–2	SSE	2	SE	3–4	SE	3	4
10	NE	0–1	N	1	N	0–1	NW	1–2	NW	0	NNW	0–1	N	0–1	N	1–2	NNW	1	NNW	1	NNW	1	N	1	3
11	SE	4	SE	4–5	SE	4	SE	6	SE	4–6	SE	5–6	SE	6–7	SE	7	SE	7–8	SE	6–8	SE	5–8	SE	7	9
12	ESE	5–7	SE	5–7	SE	6–7	SE	5–7	E	5–6	ESE	6–7	E	8	ESE	6–7	E	7	SE	6	ESE	5	ESE	2–3	8
13	SE	1	SW	0–1	SW	0–1	SW	0	Calm	0	NNW	0–1	Calm	0	SW	1	NW	0–1	NW	0–1	NW	1	NNW	2	3
14	S	1–2	SSE	2–3	S	3	SSE	2–3	S	2–3	S	3	S	4	S	3	SE	3–4	SE	3–4	S	4	S	3	5
15	S	4	S	4	S	4–5	S	4	S	4–5	S	4	S	3–4	S	3–4	S	4	S	4–5	SSE	5	SSE	4–5	5
16	S	3	SSE	3	S	3	SSE	3	S	2–3	S	2–3	S	3	SSE	4	S	3	S	3	S	2–3	S	3	4
17	N	0–1	NW	0–1	WNW	1	WNW	0–1	Var.	0	N	0–1	W	1–2	SSW	1–2	SW	2	SW	2–3	SW	2–3	SSW	4	5
18	SW	4	WSW	4	SW	3	SW	4	SW	4–5	SW	3–4	SW	3–5	SW	3–4	WSW	1–3	W	2–5	WSW	2–6	SW	4–5	6
19	W	2–5	NW	2–5	N	0–2	NW	0–3	N	0–1	N	0–1	N	0–1	N	0–1	W	0–2	N	0–3	N	0–2	N	1–3	5
20	N	2–3	N	2–3	N	2–3	Var.	1	NE	1–2	N	1–2	N	0–3	N	1–3	N	3	N	1–3	N	2–3	N	2	4
21	NE	2–3	N	2–4	NE	2–3	N	0–3	N	2–3	E	0–3	N	0–2	N	0–2	NE	0–2	N	0–1	E	1–2	NE	1–2	4
22	Var.	0–1	Var.	0–2	N	0–2	N	0	N	0–2	N	0–2	N	0–2	E	1–2	N	1–2	N	0–3	N	0–3	N	2–3	4
23	N	3	N	3	N	2–3	N	1–3	N	2–3	NW	2	NW	1–3	WNW	1–3	WNW	1–4	NW	1–3	NW	2–3	NNW	3	4
24	NNW	1–2	N	1–3	NE	1–2	N	1–2	NNW	0–1	NW	2–3	WNW	3	NW	0–2	NW	3	NW	1–3	NW	2–4	WNW	3	4
25	N	1–3	NW	1–2	NW	2–3	NNW	2–3	NNW	0–3	NNW	2	NW	1–2	NW	1–2	NW	2–3	NW	1–2	NNW	1–3	NW	2	3
26	Var.	0–1	N	0–2	Var.	0–1	E	0–2	ENE	0–2	N	0–2	E	0–1	N	0–1	N	0–2	N	2	N	1–3	N	2–3	3
27	NNE	2–3	N	1–2	N	0–1	N	1–2	N	1–2	N	1	N	1–2	N	1	SW	1	SW	2	SW	2–3	SW	3	4
28	W	1–3	W	2–4	WNW	1–3	NW	1–3	W	1	WNW	1–4	W	1	W	1	W	1	W	2–3	W	1–3	WSW	1–2	5
29	SW	2–5	SSW	3–5	SSW	2–5	SW	3–5	SSW	4–6	SW	3–5	SW	3–5	N	0–3	N	2–4	NNE	3–6	NE	0–5	NNE	2–4	6
30	SW	4–5	SW	2–5	SW	1–5	SW	2–4	WSW	2–5	WNW	0–4	Var.	2–5	WSW	2–5	W	1–3	N	0–2	N	2–3	N	2–3	5
31	NW	1–3	WNW	2–3	W	1–3	N	2–3	NW	1–4	W	2–5	NW	0–3	N	3	NNW	1–2	NW	0–2	NW	1–2	N	0–3	5
MEAN		2·47		2·77		2·53		2·44		2·35		2·42		2·52		2·47		2·56		2·60		2·76		2·76	

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Force.
1	SSW	1	SW	0–1	SW	1	SW	1	SW	1–2	SSW	1	S	1	SSW	1–2	SSW	2	SSW	2	SSW	2	S	2	1·2
2	SW	2–3	WSW	2–3	SW	2–3	SW	2–4	W	2–4	SSW	2–3	SW	2	SW	2–3	SW	2–3	SW	3	WSW	3	W	3–4	2·5
3	W	3	W	2–3	W	3–4	SW	3–4	SW	2–4	SW	3–4	SSW	2–3	SW	1–2	SW	2–3	SW	2–3	SW	1–2	SSW	3–4	3·3
4	SW	3	W	3	SW	3–4	SW	3	SW	2–4	SSW	3–4	SSW	3–4	SW	3	SW	2–3	SW	1–3	SW	2–3	SW	2–3	3·0
5	SSW	2–5	SSW	3–4	S	3–4	SW	1–5	SW	2–4	SSW	3	SW	2–3	SSW	3–4	SW	3–4	SW	2–3	SW	3	WSW	3–4	3·1
6	W	2	NW	0–1	W	1	W	0	W	1	SW	2	WSW	0–1	WSW	1	W	0–1	W	0–1	SW	1	SSW	0–1	1·1
7	SSE	3	SSE	2–3	SSW	2–3	S	2–3	S	3	S	3–4	S	3	S	3–4	S	4	S	4–5	SSE	5	S	3–4	2·7
8	SSE	4–6	S	6–7	S	4–5	S	4–5	S	4–5	S	5–6	SSE	4–5	S	4–5	SSE	4–5	S	3–4	SSE	3–4	SSE	3–4	5·3
9	SE	3	SE	3	SE	1	W	1–2	N	0–2	N	2–3	N	1–2	W	1–2	WSW	1	WSW	2–3	W	1–2	N	1–2	2·2
10	N	1–2	NNW	1–2	Calm	0	Calm	0	Calm	0	S	0–1	SSE	0–1	SSE	1	SSE	1–2	SE	2	SE	2	SE	2–3	1·0
11	SE	7–8	SE	8	SE	7–9	SE	5–8	SE	6–8	SE	7–9	SE	8	SE	8	SE	8–9	SE	8	SE	7–8	SE	5–7	6·7
12	ESE	2–3	E	1–2	E	2	E	1–2	E	1–2	ESE	2–3	ESE	2	ESE	2	ESE	2	E	0–1	SE	1–2	SE	1	3·8
13	N	2–3	N	1–2	NNW	2–3	NNW	1–3	NNW	1	NNW	0–1	NNW	1	NW	1	W	0–1	S	0–1	S	1–2	S	2	1·0
14	S	3	S	3	S	4	S	4–5	S	4–5	SSW	3–4	S	3–4	S	3	SE	3	S	3–4	S	3–4	S	3–4	3·3
15	SSE	4	SSE	4	S	3–4	S	3	S	4	S	3–4	S	3	S	3	S	4	S	3–4	S	3	S	3–4	3·8
16	SSE	3	SSE	3	S	2–3	S	2–3	S	2–3	S	3	S	3–4	S	3	SSW	3	W	2–3	N	2–3	N	0–1	2·8
17	S	4	SSW	3–5	SSW	2–3	SSW	2–3	SW	3	SW	3	WSW	2–3	W	3–4	SW	3–4	SW	3–4	SW	4	WSW	4	2·4
18	W	4–6	WNW	3–5	WSW	1–4	SW	0–3	W	0–3	NE	1–3	ENE	1–3	ENE	2–4	NE	2–3	NE	2–4	N	1–4	NW	2–4	3·2
19	NNE	2–3	N	2–3	N	0–3	N	0–2	N	1–3	N	1	N	1	N	1–2	NE	2–3	N	1	N	1–2	N	2	1·5
20	N	1–2	N	1	N	2	Var.	0	N	0–2	N	1–2	N	2	N	2–3	N	2–3	N	3–4	NNE	1–3	N	2–3	1·9
21	NE	1–2	NE	1	NE	1	ENE	0–1	E	1–2	Var.	0–2	N	1	N	1–2	N	1–2	N	1–2	N	1–3	Var.	0–1	1·4
22	N	3	N	3	N	2–3	N	1–3	N	1–4	N	2–4	Var.	0–2	Var.	0–1	N	2–3	N	2	N	2–3	N	3	1·7
23	N	3	N	2–3	N	0–3	N	2–3	N	1–3	N	1–2	N	1–2	N	1–2	N	1–2	N	1–2	NNE	2–3	NE	0–2	2·1
24	N	1–2	W	2	NW	1–2	NW	1–2	NW	1–3	W	2–3	W	3	W	2–3	W	3	W	3	W	1–2	NW	1–2	2·1
25	NW	1–2	NW	1–2	NNW	1–3	W	0–2	NW	1–2	W	0–1	NW	3	NNW	1–3	NNW	2–3	NNW	1–3	N	1–3	NE	0–2	1·8
26	NNE	2–3	N	1–2	NE	1–3	N	1–3	N	0–3	NNE	2–3	N	0–2	N	0–1	NE	1	NE	1–2	NE	1–2	N	2–3	1·4
27	SW	3	SSW	3	SW	2	SW	3	SW	1–3	SW	3	SW	4	SW	4	SW	3–4	WSW	1–3	WSW	3–4	W	3–4	2·3
28	WSW	2–3	WSW	2–3	W	2–3	W	2–3	W	3	SW	2–4	W	2–3	SW	3	WSW	2–3	SW	3–4	SW	1–3	SSW	3–5	2·3
29	NE	0–3	Var.	1–3	ENE	0–3	N	0–3	N	0–5	N	1–3	NW	2–3	NW	1–3	W	3–4	WNW	2–4	SW	3–4	WSW	4	3·0
30	NE	0–2	ENE	0–2	ENE	0–2	NE	1–2	N	1–2	Var.	0–1	NE	1	N	0–1	N	1–2	N	1–2	N	0–2	NW	1–2	2·0
31	NW	1–4	N	1–3	NNE	1–5	N	0–4	ENE	0–3	N	0–3	N	1–4	N	1–3	N	2–4	NE	1–2	Var.	0–1	N	1–3	2·0
MEAN		2·79		2·60		2·40		2·16		2·34		2·48		2·35		2·39		2·66		2·50		2·48		2·55	2·51

N 151. NNE 10. NE 27. ENE 9. E 14. ESE 10. SE 44. SSE 33. S 96. SSW 36. SW 110. WSW 35. W 61. WNW 14. NW 43. NNW 30. Calm or Var. 21.

WIND. DIRECTION AND FORCE (0 to 12). FEBRUARY 1889.

	1		2		3		4		5		6		7		8		9		10		11		12		Max.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n	Force.	Dir'n.	Force.	
1	NNW	1-3	NW	1-3	WNW	5	W	4	WSW	0-3	S	2-5	SW	2-4	SW	3-5	WSW	3-4	SW	3	WSW	2-4	WNW	2-3	5
2	ENE	1-4	Var.	3-4	N	1-4	N	1-4	NE	0-3	N	1-3	N	1-2	N	0-2	ENE	0-4	NE	0-4	NE	1-5	N	1-3	5
3	NNE	4-6	NNE	4-7	N	3-5	NE	2-3	E	3-5	ENE	2-6	NE	2-6	N	3-6	N	1-4	N	0-3	E	4-6	E	4-5	10
4	N	4-9	N	5-10	N	4-6	N	2-6	NE	4-6	N	4-6	N	1-4	N	5-6	N	3-7	N	2-7	NW	0-5	N	1-3	10
5	NNW	1-2	NW	1-2	WNW	3	WNW	3	NW	3	NW	1-2	NW	0-2	NNW	0-2	N	1-2	N	3-4	N	4-5	N	2-3	5
6	N	2-4	N	2-3	N	2-3	N	3	N	1-3	N	1-3	N	1-4	N	1-3	ENE	1-3	N	1-3	N	2-3	NNE	2-3	4
7	NE	0-2	NE	1-2	NNE	1-3	NE	2-3	N	0-3	N	2-3	N	0-3	N	1-3	ENE	3	N	1-2	N	1-2	N	2-3	4
8	NW	1-4	N	2-4	N	1-4	E	0-4	E	1-3	E	1-6	ENE	1-6	E	0-6	ENE	0-6	NE	3-8	N	5-10	ENE	3-6	10
9	NE	2-4	NE	2-5	N	2-5	N	2-4	E	2-3	Var.	1-2	Var.	1-2	E	2-3	E	2-3	N	0-2	E	0-3	N	2-3	5
10	N	1-3	NNE	1-2	N	0-2	NNE	2	NNW	1-2	N	1	N	1-2	NW	1-2	N	1	N	0-1	N	1-2	N	0-1	4
11	N	2-4	N	2-4	N	3-4	N	1-3	N	0-4	N	1-4	Var.	0-1	NE	1-3	N	1	E	3	N	1	E	2-4	4
12	N	1	N	1	N	1	ENE	1	N	1-3	N	0-3	NE	1-3	N	1-3	N	2	N	3	N	3	N	2-3	3
13	SW	3	SW	3	SW	2-3	SW	2	SW	2	SW	1-2	W	1	N	0-1	N	2-3	N	0-1	N	0-1	NW	0	5
14	E	1-4	ENE	1-4	E	1-2	E	2-3	E	1-3	E	0-3	E	0-2	E	1	N	1-2	NE	1	E	0-2	NE	1-3	4
15	NNE	2-4	NNE	2-4	NE	2	ENE	1-3	NNE	2	N	2	NE	1-2	N	1-3	NE	2	ENE	2-3	NE	1-3	NE	2-3	4
16	S	1	S	2-3	S	3	S	2-3	S	3	S	5	S	5	S	6	S	3	S	3-4	SW	2-3	Var.	1-3	6
17	NE	1-2	NNE	1-2	N	2-4	N	0-3	W	2-3	W	2-3	WNW	1	W	1	W	1-3	W	1-2	W	2	NW	1	4
18	NW	1-3	W	2-3	W	2-3	W	2	W	2	W	2-3	W	4	WSW	3-4	WSW	4	W	3-4	W	4-5	WSW	2-4	5
19	E	1-2	ENE	1-3	N	0-2	NE	0-2	NE	0-1	ENE	0-3	NE	1-2	E	0-1	ENE	0-2	ENE	0-3	NE	0-3	NW	1-2	3
20	NW	0-2	N	0-2	NE	0-3	NE	0-3	NNE	2	N	1-3	NE	0-2	N	2-3	N	1	N	1	N	1-3	ENE	2-3	4
21	N	1-2	NE	1-2	Calm	0	E	2-3	N	0-3	Var.	0-1	N	2-3	N	0-1	Calm	0	NW	0-1	NW	1-2	N	1-2	3
22	N	1-2	N	1-2	N	1-2	N	1	N	1	N	2	N	2-3	N	2	N	2-3	N	2	N	2	N	1-2	3
23	N	1-2	N	2	N	1	N	1	N	1	N	1	N	1	N	1	N	0-1	E	0-1	E	1	ESE	1	3
24	N	1-2	N	1-2	NE	1-2	N	0-1	N	0-1	NE	0-1	N	0-1	NW	0-1	NW	0-1	NE	0-2	NW	0-1	Calm	0	2
25	N	1	NE	2	N	1	NNW	0-1	N	1-2	NW	1	Var.	0	Var.	0-1	E	1	E	1	ENE	1	ENE	1-2	4
26	E	0-1	E	1	ESE	2	ESE	1-2	E	1	E	2	E	2	E	2-3	E	2	E	1-2	E	1-2	E	1-2	3
27	NE	1	E	2	E	2	E	1-2	E	1-2	E	1-2	E	2	E	1-2	ESE	1-2	E	1	E	1	E	1-2	4
28	ESE	4	ESE	4	SE	3	SE	3	SE	3-4	E	4-5	E	4-5	E	4-5	E	4-5	ESE	4	ESE	5	ESE	4	5
MEAN		2·18		2·48		2·30		2·07		2·00		2·21		2·00		2·18		2·09		2·05		2·36		2·09	

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Force.
1	W	1-3	WNW	2-4	NW	1-4	W	0-5	Var.	1-4	W	2-4	NW	2-4	NW	3-4	NW	3-4	NW	3-4	NW	1-4	ENE	1-4	3·0
2	N	0-3	N	1-3	ENE	0-3	NE	1-3	NE	0-4	ENE	3-4	NE	1-4	NE	2-4	NE	2-4	ENE	3-5	NE	3-5	NE	3-5	2·5
3	ENE	3-5	ENE	2-3	E	2-5	E	1-3	E	0-2	E	2-4	NE	1-4	NE	6-10	N	6-10	N	5-9	NNW	5-8	N	4-8	4·2
4	N	1-2	N	0-1	Var.	0-1	Calm	0	N	1-2	N	1-2	N	2	N	2-3	N	2	N	1-2	N	1-2	NW	1-2	3·0
5	NNW	2-3	N	2-3	N	4	N	4-5	N	3-5	N	2-4	N	2-5	NE	3-5	N	3-4	NE	2-4	N	3-5	N	2-4	2·9
6	N	1-3	N	1-2	N	2-3	N	1-2	N	0-2	N	2	N	2-3	N	2-3	N	1-2	Var.	1	N	1	N	1	2·0
7	NNE	1-2	N	0-2	N	2-4	N	2	WNW	1-2	NW	0-2	W	1-2	NW	1-2	WNW	3	NW	2-3	NW	2-3	W	1-3	1·9
8	NE	4-9	NE	5-9	N	4-8	E	7-8	NE	6-9	NE	4-9	ENE	4-9	NE	4-7	NE	2-7	E	3-6	NE	3-7	NE	3-5	4·7
9	NE	2-4	Var.	0-2	E	1-2	N	1-3	N	0-2	ENE	1-2	NE	1-2	NE	1-2	NE	2-3	N	2-3	NNE	1-2	N	2-3	2·1
10	NE	0-1	NE	1	N	0-1	N	0-1	Var.	0-1	ENE	1	N	1-2	NNE	2-3	N	2-3	NNE	2-3	N	3	N	2-4	1·4
11	E	3-4	E	3-4	NE	1-4	N	1	ENE	1-3	N	0-2	N	0-1	N	2-3	N	2-3	Var.	0-1	N	0-2	N	1-2	2·0
12	N	0-1	N	1-2	N	0-1	N	0-1	N	0	N	0-1	N	1-2	SW	2-3	WSW	3	SW	2-3	SW	3	SW	2-3	1·7
13	NW	0-1	NW	0-1	W	2	SW	2-3	SW	3	S	4	SSW	4-5	SW	2-4	SW	3-5	WSW	3-5	Var.	0-2	NE	0-3	2·1
14	NE	1-3	NE	2-3	E	1	NE	1-2	NE	1	N	1-2	N	3-4	Var.	0-2	N	1-2	N	1-3	N	1-3	N	2-3	1·8
15	NNE	2-3	NE	2-3	N	1-2	NE	1	NE	1	N	2-3	NE	0-1	N	0-1	Calm	0	Calm	0	WSW	0	Var.	0	1·6
16	NW	1-3	W	1-4	N	0-4	N	0-3	N	0-2	NNE	3-4	NNE	1-4	N	1-3	N	1-3	N	1-2	N	1-2	NE	1-2	2·6
17	NW	1-2	NW	1	W	1-2	W	1	W	1	NNW	2	NW	2	NW	1-2	NW	2	NW	2-3	WNW	1-2	NW	1-2	1·7
18	WSW	2-4	W	3-4	W	0-3	W	1-3	W	1-2	WSW	3-4	W	1-3	W	1-3	N	1-2	NNW	1-2	N	1-3	NE	0-2	2·5
19	N	1-2	N	0-2	N	1-3	E	0-2	N	1-3	ENE	1-2	N	2-3	E	0-2	NE	1-2	NNE	2-3	N	1-2	NW	1-2	1·4
20	NE	2-3	NE	1-2	N	1-2	N	1-3	N	2-3	N	1-2	N	2-4	ENE	2-4	NNE	2-3	NE	1-2	NE	2-3	N	1-2	1·9
21	N	1	N	2	N	2	N	2	NNW	1-2	N	1-2	N	1-2	NNW	1-2	N	2	N	1-2	ENE	1-2	WNW	1-2	1·4
22	N	2	NE	2	ENE	1	N	0-2	ENE	1	N	1-2	N	1-2	Var.	0-1	N	2	N	1-2	N	2-3	N	2	1·6
23	ESE	1	ESE	1	ESE	1	Calm	0	NW	0	NNW	0-1	NNW	1	N	1	NE	0-1	N	1-2	N	1-2	N	2-3	1·0
24	NE	0	Calm	0	Calm	0	S	1	Calm	0	N	1	N	1-2	NE	2	N	1-2	N	0	NNE	1	NNE	1-2	0·8
25	N	1	N	1	ENE	0-1	NW	0-1	N	1-2	N	2-3	NE	2-4	N	1-3	N	3-4	N	2-4	N	2-3	N	1	1·4
26	E	0-1	NE	0-1	N	0-1	NE	1	NE	0	N	0	N	0	N	1	N	1	N	1-2	NNW	0-1	ENE	2	1·1
27	E	1-2	E	0-1	E	0	E	0-1	E	1-2	ESE	2	ESE	2	E	2	E	2	E	2	E	3	E	3-4	1·6
28	E	3-4	ESE	4-5	E	2	E	4	E	3-4	E	4	ESE	3-4	ESE	5	ESE	5	ESE	5	ESE	5	ESE	4	4·1
MEAN		1·96		1·91		1·73		1·73		1·66		2·16		2·27		2·45		2·57		2·38		2·32		2·23	2·14

N 255. NNE 22. NE 85. ENE 36. E 80. ESE 21. SE 3. SSE 0. S 13. SSW 1. SW 18. WSW 11. W 32. WNW 10. NW 43. NNW 14. Calm or Var. 28.

WIND. DIRECTION AND FORCE (0 to 12). MARCH 1889.

	1		2		3		4		5		6		7		8		9		10		11		12		Max.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	ESE	4	ESE	4	ESE	4	ESE	3-4	E	0-2	ESE	2-3	E	3	E	2-3	ESE	3-4	E	3	E	3	ESE	2	4
2	Calm	0	Calm	0	Calm	0	S	0	Calm	0	SE	0	SE	1	SE	1	SE	1	SE	2	SE	2	SE	2-3	4
3	ESE	3	ESE	3	SE	3	SE	2-3	SE	2-3	ESE	3	ESE	1-2	E	2	ESE	2	ESE	3	ESE	2-3	SE	3	4
4	ESE	3	SE	3	SE	2	SE	2	SE	3	ESE	2	SE	3	SE	2	SE	3	SE	2-3	SE	2-3	ESE	3	4
5	SE	3	SE	2-3	SE	2	SE	3	SE	2-3	ESE	3	SE	3	SE	3	SE	3	SE	3	SE	3	SE	3	4
6	SW	3-4	SW	3-4	SW	2	S	3	SW	2-3	S	1-2	SW	2-3	S	2-3	S	3	S	2	SSW	2-3	S	4	5
7	SW	1-2	W	2-3	W	1	SW	1	WSW	1	SSW	2	SSW	1	SW	1	SSW	1	SSW	2	SSW	2	SSW	2-3	3
8	N	1-2	N	2	N	1-2	N	1	NNW	1	N	1-2	NNW	1-2	NW	1	NNW	1	N	1	NW	1	N	0-1	2
9	ENE	1-2	N	2	N	0-3	N	0-2	NNE	1-2	NE	1-2	NE	0-3	NNE	1	N	1-2	NE	0-1	N	1-2	NNE	1	4
10	N	2-3	ENE	2	E	0	NE	0-2	N	0-2	NNE	1-2	N	2-3	N	1-2	N	1-3	NE	1-2	N	1-2	NNE	2	3
11	NE	2-3	N	2-3	ENE	1-2	ENE	0-3	NE	1-2	N	2	NE	1-2	N	1-2	N	0-1	NE	0-1	N	1	N	1	3
12	N	1-2	NE	2-3	NE	0	N	0-1	N	0-1	N	1-2	N	1-2	N	0-2	N	1	N	1-2	N	1	NE	1-2	3
13	N	3-4	N	3-4	NNE	1-3	N	2-4	N	1-3	NNE	1-4	N	0-4	N	2-3	NE	1-3	ENE	1-3	N	1-4	E	2-3	4
14	NNE	3-4	N	4	N	2-4	N	1-3	NE	1-4	NNE	1-3	N	2-3	N	2-3	N	3	N	2-3	N	2-3	NNE	2-3	4
15	N	1	NW	1	WNW	1	NW	1	NW	0-1	NW	0	WNW	1	WNW	0-1	W	1	NW	0-1	W	0-2	WNW	2	4
16	WNW	3-4	NNW	2	W	2	NNW	0-1	NW	0-2	N	1-2	WNW	1-2	NE	1-3	NNW	0-3	Var.	0-2	N	1-3	NW	1-2	4
17	N	2-3	NW	1-2	NW	0-1	NNW	1-2	NNW	1-2	NNW	0-2	N	1-2	NNE	0-2	N	0-1	N	0-1	NE	1-2	N	0	3
18	W	1	SW	2	SW	1-2	SW	0-1	WSW	1	SSW	1	SW	1	SW	0-1	SW	1	SW	1	SSW	1-2	SSW	1-2	4
19	SE	3-4	ESE	3-4	SE	3	SE	2-3	SE	3	ESE	3-4	E	3	ESE	3-4	ESE	4	ESE	3	ESE	4	ESE	3-4	4
20	N	1-2	N	2-4	NNE	1-4	N	2-5	N	4-6	N	5-7	N	3-7	N	3-7	NE	0-5	N	4-6	N	5-7	NNW	2-5	8
21	N	2-6	N	3-6	N	4-6	N	3-5	N	3-5	N	1-3	N	0-3	NNW	0-2	N	1-3	NW	1-2	NNW	1-3	Var.	0-2	6
22	N	0-2	N	1-2	N	2-3	N	1-2	N	0-2	NNE	0-2	N	0-2	N	1-4	N	0-2	NNE	0-3	NE	0-2	N	2	4
23	SW	4-5	SW	4-5	SW	0-4	SW	3-5	SW	5	SSW	5	SSW	3-5	SW	2-4	WSW	1-5	SW	2-4	SW	3-5	SW	3	5
24	W	1-2	WSW	2	WSW	2-4	W	3	W	2-3	W	2-4	W	3	W	2-3	W	1-3	WSW	1-2	W	1	SW	2-3	4
25	SW	2-4	W	2-3	W	1-2	N	0-2	W	1	Var.	0-2	WNW	0-3	W	0-2	WNW	1-2	N	0-3	W	0-3	NNW	2-3	6
26	NNE	2-5	N	2-6	NE	4-5	N	2-6	NE	1-4	NE	4-5	ENE	3-6	ENE	3-6	N	2-5	NNE	2-5	NNE	1-5	NE	2-4	6
27	N	1	N	1-2	N	2-3	N	1-2	N	1-2	NNW	1	NNW	0-2	N	1	N	0	Calm	0	Calm	0	WSW	0	3
28	SW	2-3	SSW	2	WSW	0-1	SW	2	SW	2	SW	2	W	2	W	3	W	3	WNW	3	NW	3-4	WNW	1-2	4
29	NW	2-3	NW	2-3	WNW	2-3	WNW	2-3	NW	1-3	NW	1	NW	0-1	WNW	1-2	N	0-1	N	0-1	NNW	0-1	N	1	3
30	W	1	WNW	0-1	W	0-1	W	2-3	W	2-3	SW	2	WSW	1-2	W	1-2	NW	1	NW	0	NNW	1	N	1-2	3
31	N	0-1	Var.	0-1	N	1-2	NE	0-2	N	2	NE	1-2	NE	0-2	NE	1-3	N	1-3	NE	1-2	N	1-2	N	1-2	5
MEAN		2·34		2·45		1·94		1·98		1·95		2·05		2·02		1·97		1·85		1·79		2·05		2·02	

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Force.
1	E	3	E	3	E	1-2	E	1	E	1	ESE	1	Calm	0	ENE	0	N	0	Calm	0	Calm	0	Calm	0	1·9
2	SE	2-3	SE	3	ESE	2-3	SE	3	ESE	2-3	ESE	3-4	ESE	4	ESE	4	ESE	3-4	ESE	3	SE	3-4	ESE	3	2·0
3	ESE	3	SE	3	SE	3	ESE	3	ESE	3	ESE	3-4	ESE	3	ESE	3	ESE	3	ESE	3	ESE	3	ESE	3-4	2·8
4	SE	3	SE	3	SE	2-3	SE	2-3	SE	2-3	SE	3	SE	4	SE	3-4	SE	3-4	SE	4	SE	4	SE	3	2·9
5	SE	4	S	1-2	SW	1	SW	1	SW	1	SW	1	WSW	1	SW	2	SW	2	SSW	2-3	SW	3	SSW	3	2·4
6	SSW	4-5	WSW	3-4	W	1-3	W	1-2	WNW	1-2	NNW	2	W	1-3	SW	3	SW	3	SW	3-4	WNW	2-3	W	1-3	2·6
7	SSW	1-2	S	1	SSW	1	S	1	S	1	S	1	SSW	1	SW	0-1	SW	0-1	SW	1	Calm	0	NW	1	1·2
8	NW	1	N	0	NNW	1-2	N	0-2	NNW	0	N	0-1	N	1	NE	0-1	N	0	N	1-2	N	1	NE	1-2	1·0
9	NE	2-3	NNE	2	NNW	0-1		1	W	1	WSW	2-3	W	3	WSW	2-3	W	2	ENE	2-3	ENE	3-4	N	1-2	1·7
10	NE	2-3	NE	1-2	N	0-1	N	0-1	N	1-3	N	1-2	N	2-3	NE	2-3	N	2	N	2-3	N	2-3	NE	2-3	1·8
11	N	2	NNW	1-2	W	2	W	1	WSW	1-2	SW	2	SW	2-3	SW	3	SW	2-3	NW	1-2	N	1-2	N	1-2	1·7
12	NW	1-2	N	1-2	NW	1-2	N	0-2	NW	0-1	NW	2-3	N	2-3	N	1-2	N	2-3	N	2	N	2-3	N	2-3	1·5
13	NNE	2-3	N	2-4	NE	2-3	N	0-2	NW	2-3	N	2-3	NE	2-3	NE	2-4	NE	2-3	N	2-4	N	2-3	NNE	2-4	2·5
14	N	3	NNE	2-3	ENE	1-3	N	1-2	NE	0-2	NNE	1-2	N	1-2	N	2-3	N	2	N	1	N	1-2	N	1-2	2·2
15	WNW	1-2	WNW	1-2	W	1	WNW	2-3	W	2-3	W	3	W	3-4	W	3-4	W	3-4	W	3-4	WNW	1-2	W	3-4	1·7
16	NE	1-2	NNE	1-2	N	0-1	NNE	1-2	N	2-3	N	2	NNW	1-2	N	1-2	NNW	2-3	N	2-3	N	2-3	N	2-3	1·8
17	N	1-2	N	0	N	0-1	W	0-1	NNW	1	NW	1	Var.	0	N	1	NW	0-1	W	1	WSW	1-2	W	2-3	1·0
18	SSW	1-2	SSE	1	S	1-2	SE	1	S	1-2	SSE	2	SE	2-3	SE	2-3	SE	2-3	SE	3-4	SE	3-4	ESE	3-4	1·7
19	ESE	3-4	E	3	E	3-4	E	2-4	E	2-3	E	3-4	E	3-4	E	3	ESE	0-1	Var.	0-1	Var.	0-1	N	0-2	2·8
20	N	4-8	N	3-5	N	2-6	NNW	2-6	N	2-6	N	3-7	N	3-8	N	2-7	N	3-7	N	5-8	N	2-6	N	3-5	4·4
21	E	1-2	Var.	0-1	Calm	0	NE	0-2	ENE	1-2	NE	0-2	NE	0-1	N	1-2	N	2	N	2-3	N	2-3	N	1-2	2·0
22	N	1-2	N	1	N	1	NNW	0-1	NW	1	N	1-2	NW	1-2	W	1-2	WSW	3	SW	3-4	SSW	3-4	SW	3-4	1·7
23	SW	3-4	SW	3	W	3-5	WSW	1-2	W	1-2	W	2-4	W	2-3	W	1-3	NNW	2-3	NW	1-2	WNW	1-2	W	2-3	3·1
24	W	1-2	NW	2	W	1-2	W	1-2	WNW	1-2	WSW	2-3	W	2-3	SW	1-2	WSW	2-3	SW	3-4	SSW	2-3	W	2-4	2·2
25	NNE	1-3	N	1-2	NNW	1-3	N	2-3	NE	2-5	N	2-3	NNE	1-4	NE	2-5	NNE	2-6	N	2-5	N	2-5	N	1-5	2·2
26	NE	3-4	NE	2-4	ENE	4-5	ENE	1-4	ENE	2-5	NE	1-3	N	1-2	Var.	0-1	N	1-2	N	1-2	N	0-1	NNW	1	2·9
27	W	0-1	WSW	0-1	W	0-1	SW	0-1	SW	1	WSW	1	SW	1	SW	1	SW	1-2	SW	2-3	SW	3	SW	2-3	1·1
28	NW	2	NW	1-2	NW	0-2	NW	0-1	NNW	2	NW	2	NNW	1-2	NNW	2-3	NNW	1-2	N	1-2	N	2	WNW	2-3	2·0
29	NNW	1	NW	2-3	W	2	WNW	1	WNW	2-3	WNW	2-3	WNW	2-3	NW	2	NW	0-1	WNW	2-3	W	1	WNW	1	1·6
30	Var.	0-1	NE	2-3	N	0-1	N	0	Var.	0	Var.	0-1	Var.	0-1	W	1	W	1	NW	0-1	NW	1	Var.	0	1·0
31	NE	1-2	N	0-1	N	1-2	N	2	N	1-2	NE	1	N	1-2	N	2	N	2-3	N	2-5	N	2-4	N	2-4	1·7
MEAN		2·29		1·92		1·73		1·48		1·76		2·06		2·10		2·15		2·13		2·42		2·21		2·26	2·04

N 201. NNE 27. NE 51. ENE 15. E 22. ESE 47. SE 60. SSE 2. S 15. SSW 22. SW 62. WSW 21. W 65. WNW 29. NW 44. NNW 35. Calm or Var. 26.

WIND. DIRECTION AND FORCE (0 to 12). APRIL 1889.

	1		2		3		4		5		6		7		8		9		10		11		12		Max.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	Var.	1-2	NE	1-3	N	2-5	N	3-5	NE	1-2	NNE	0-5	E	0-5	NE	0-5	NE	0-5	NE	2-5	NE	1-4	NE	3-5	5
2	ENE	3-5	ENE	3-4	NNE	3-4	ENE	5	N	4-6	NE	2-6	NE	3-5	ENE	2-5	ENE	3-4	ENE	2-4	ENE	4-5	NE	2-4	6
3	N	1-2	N	1-2	N	1-2	N	1	Calm	0	N	0-1	W	0-1	S	1	S	1-2	SSE	2-3	S	3	SE	3	5
4	ESE	3-4	ESE	3-4	ESE	2-3	ESE	3-4	ESE	2-5	E	2-4	E	4-5	E	2-5	E	3-5	E	5	E	3-5	SE	4	5
5	ESE	3	E	2-3	ESE	2-4	SE	3-4	ESE	3-4	ESE	3-5	ESE	3-4	SE	4-6	ESE	5-6	ESE	6	E	2-6	ESE	5	7
6	E	2-4	ESE	3-4	ESE	2-4	ESE	2-4	ESE	4	ESE	4	ESE	3-4	ESE	4	ESE	5-6	ESE	6	ESE	4-5	ESE	4-5	6
7	E	5	ESE	5	ESE	4-5	ESE	4-5	E	2-4	ESE	4-5	ESE	5	ESE	5	E	4	E	3-4	E	3-5	E	2-5	5
8	E	2-3	E	1-3	E	2-5	E	1-3	E	3-4	E	3-4	E	3-4	E	5-6	E	6	E	6-7	E	6	E	5	7
9	E	4-6	E	5	E	3-4	E	4-5	E	4-5	E	3-4	E	5	E	5	ESE	5	ESE	5	ESE	4-5	ESE	3-4	6
10	Var.	0-1	E	1-2	E	1-2	E	2-3	E	2	ESE	2	E	1	E	2	ESE	2	ESE	2-3	E	1-2	SE	2	3
11	N	0	N	0-1	N	1	N	1	N	0-1	N	0-1	N	0	E	0-1	N	0-1	NE	1	NNE	1	N	0-1	3
12	E	2-3	E	2-3	ESE	1-3	ESE	2	E	0-2	E	0-3	E	1-2	E	1-2	E	0-2	E	1	E	2-3	E	3	3
13	N	1-3	N	1-2	N	1-2	NNE	1-2	N	2	NNE	2-3	NNE	2-3	NE	1-3	NNE	1-3	NE	1-2	N	1-2	NE	1-2	4
14	N	1-3	Var.	1-2	N	1	NNE	1-2	N	0-1	N	1-2	N	1-2	N	2	NE	0-1	N	1	N	0-1	Calm	0	3
15	N	0	N	0-1	NE	0-1	N	1-2	N	2	N	1-2	N	1	N	1	N	1	N	1-2	N	1	N	0	2
16	NE	1-2	NE	1-3	NNE	1-2	NNE	1-2	N	1	NE	1	N	1-2	N	1	NNE	1-2	NE	1	N	1	N	1-2	4
17	N	2-4	N	2-4	N	2-4	N	2-3	N	2-3	N	2	N	2	N	2	N	3	N	1-2	N	1-2	NW	2	4
18	W	3	W	3	W	3	W	3	W	3-4	W	3	W	2-3	WSW	3	SW	3-4	SSW	1-4	SSW	2-3	S	1-2	4
19	SW	3-4	W	1-3	WSW	2-4	WSW	3-4	WSW	3-5	WSW	2-4	WSW	3-4	WSW	3-4	WSW	4	SW	4	SW	4	WSW	1-3	4
20	SSW	2-3	SW	3	S	4	WSW	1-2	WNW	0-2	WNW	1-2	W	1-3	WNW	0-1	WNW	0-2	WNW	0-2	WNW	0-1	WSW	2-3	7
21	S	4-7	SSW	2-6	SW	4-6	W	1-4	WSW	1-3	SW	1-3	SW	2-3	SSW	1-3	S	2-3	SSW	2-3	SSW	2-3	W	1-3	7
22	N	1-2	N	1-3	NNE	1-3	ENE	1-3	N	2-3	N	2-3	N	1-3	NNE	0-2	N	1-2	Calm	0	NE	0-1	E	0-1	3
23	S	3-4	S	4	S	3-5	S	4	S	4-5	S	4	S	3-4	S	0-2	S	0-2	S	0-1	WSW	2	SW	1-2	5
24	NNE	1	NNE	1-2	NNE	1-2	NNE	0-2	NNE	1-2	NNE	3	NNE	2-3	N	3-4	NNE	3-5	N	4-6	N	3-5	N	2-4	6
25	NNE	2-4	N	2-4	N	2-4	N	1-3	N	1-2	N	1-2	N	1-2	N	0-1	NNE	1-2	N	1-2	NNE	0-1	Calm	0	4
26	S	2	SSE	3	S	3	S	2-3	S	3	S	3	S	3-4	S	4-5	S	4-5	SSE	4-7	SSE	3-5	S	3-4	7
27	SW	2-3	SW	3	SW	2-3	SSW	1-3	SSW	2-3	SW	3	SW	3-4	SW	2	SW	3	SSW	1-3	SW	1-2	SSW	1-2	6
28	SSE	7	SSE	4-5	S	4-6	S	4	S	3-4	S	4	S	4-5	SSE	6	SSE	4	SE	3-4	SE	4	SE	4	7
29	S	2	S	2	S	2-3	S	3	S	3	S	3	S	1-2	S	3	SSW	3	S	3	S	4	S	3-4	6
30	SSE	5	SSE	4-5	SE	5	SSE	3-4	SE	4-5	SE	5	SE	5	SE	6	SE	4-5	SE	6-7	ESE	2-4	ESE	3-5	7
MEAN		2·75		2·70		2·80		2·65		2·57		2·68		2·70		2·78		2·90		2·98		2·68		2·52	

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n	Force.	Dir'n.	Force.	Force
1	N	2-5	N	2-5	N	2-5	NE	1-5	NE	2-4	NE	2-4	N	3-4	N	3-4	N	3-4	N	2-4	NE	2-4	ENE	3-4	3·0
2	N	2-4	N	2-4	ENE	3-4	NE	1-3	ENE	2-3	NE	2-4	NE	2-4	NE	2-3	N	2-3	N	1-2	N	0-1	N	1-2	3·1
3	SE	4	SE	3-4	SE	5	SE	5	SE	4	ESE	3-4	SE	3-4	ESE	3-4	SE	3-4	ESE	3	SE	3	ESE	4	2·6
4	ESE	4	ESE	4	ESE	4-5	SE	3-5	E	0-3	E	2-3	E	2-3	ESE	3	ESE	3-4	ESE	2-3	SE	3-4	SE	2-4	3·5
5	ESE	4-6	E	4-5	ESE	5	ESE	6	E	5	ESE	5	E	4-5	ESE	6-7	ESE	2-6	ESE	2-3	ESE	4	E	4	4·4
6	ESE	4	ESE	4-5	ESE	4	ESE	4	ESE	4-5	ESE	5	ESE	4	E	5	ESE	5	ESE	5-6	E	5-6	E	5	4·4
7	E	2-3	E	2-3	E	5	E	2-5	E	2-3	E	4	E	1-2	E	2-4	E	3-4	E	3-4	E	2-4	E	3-4	3·7
8	E	4-5	E	5	E	5	E	2-5	E	2-3	ENE	2	E	1-3	E	3-5	E	5	E	5-6	E	6-7	E	4-6	4·2
9	E	2-4	E	2-4	E	2-3	E	0-3	E	0-2	E	2-3	E	2	E	0-2	E	1-2	E	1-2	E	2	E	1	3·2
10	ESE	0-1	E	0-1	Calm	0	Calm	0	Calm	0	N	0	N	0-1	N	0	Calm	0	Calm	0	Calm	0	Calm	0	0·9
11	Var.	0	N	0-1	NE	0	NE	0	NE	0	E	0-1	E	1	E	1-2	ESE	2-3	E	2-3	E	2-3	E	2-3	0·9
12	E	1-2	E	2	E	2	E	2-3	E	1	E	1-2	E	1-2	E	0-2	ENE	1-2	NE	2-3	N	1-3	NE	1-3	1·8
13	N	1-2	N	1-2	N	1-3	N	0-2	N	2	N	1-2	Var.	1-3	N	1-4	N	1-3	N	1-4	N	1-3	N	1-3	1·9
14	N	0-1	N	1	N	0	N	0	NE	0-1	N	0	NE	0-1	NE	0-1	N	0-1	N	0-1	ENE	0-1	NE	0	0·8
15	N	1-2	N	0-1	NE	0	N	0	NE	0-1	NE	1	E	0-1	N	1-2	NE	0-2	NE	1-2	N	2	N	1-2	1·0
16	NE	1-2	Var.	0-1	N	0-1	NE	1-2	N	2	N	1-3	N	2	N	2	N	2-3	N	3-4	N	2-3	N	2-4	1·6
17	NW	3	WNW	3-4	NW	3	NW	3	W	3	W	3	W	3	W	3-4	W	3-4	W	3-4	W	3	W	3	2·8
18	SW	2	W	2-3	SSW	2	SSW	3-4	WSW	0-2	SW	3	SW	3-4	WSW	1-3	SW	2-3	W	2-4	SW	3-4	SW	4	2·8
19	WSW	3-4	WSW	3-4	SW	1-3	WNW	2-3	WNW	1-2	W	1-3	W	1-3	W	1-2	W	1-2	SW	1-2	SW	2-3	SSW	2-3	2·8
20	W	1-3	WSW	2-3	WSW	2-3	SW	4	SW	4	SW	2-4	SW	1-4	SW	2-4	SSW	2-6	SSW	3-6	SSW	3-6	SSW	4-7	2·6
21	WSW	1-2	WSW	2-3	SSW	2-3	W	1-3	W	0-2	SSW	2	WNW	1-2	W	1-3	W	1-2	W	1-3	WSW	1-2	WSW	1-2	2·4
22	N	0-1	Var.	0-1	N	1-2	N	0-1	N	0-1	NW	0-1	W	0-1	SSW	1-2	S	2	S	2	S	2-3	S	3	1·4
23	W	1	W	1	W	0-1	Calm	0	W	0-1	Calm	0	S	0-2	Var.	0-1	Var.	1-2	NE	1	E	1-2	NNE	2	1·8
24	N	3-5	NNE	2-4	N	2-6	N	4-6	NNE	2-5	N	2-5	NNE	3-5	NNE	4-6	NNE	4-6	NNE	3-5	N	4-5	NE	2-3	3·3
25	SE	1	SSE	1	SE	0-1	Calm	0	S	0-1	Calm	0	SSE	1	SE	1	SSE	2	SSE	3	SSE	2-3	S	2	1·4
26	SE	4-6	SSE	6	S	5	S	5-6	S	4-5	S	3-4	S	3	SSW	3	SSW	2-3	WSW	2-3	WSW	1-2	W	2	3·6
27	SSE	3	SE	3	SE	3	SSW	1-3	S	1-2	S	1-2	S	4	S	5	S	4	S	5	S	5	SSE	6	3·0
28	SE	5	SE	5	SE	6	SE	6	SE	6-7	SE	7	SSE	4-5	SE	6	S	5-6	SSE	5-6	SSE	4	S	2-3	4·9
29	S	4	S	3-4	SSE	3	S	3	S	3-4	S	3-4	SSE	3	SSE	3-4	SSE	3	SSE	5-6	SSE	5	SSE	5	3·3
30	E	4-5	E	3-5	ESE	5	E	3	E	1-2	E	3-4	E	3-6	E	4-6	E	4-6	E	2-4	E	3-4	ESE	6	4·4
MEAN		2·68		2·72		2·77		2·58		2·18		2·43		2·40		2·78		2·88		2·88		2·92		2·97	2·71

N 135. NNE 31. NE 47. ENE 14. E 127. ESE 72. SE 39. SSE 29. S 68. SSW 25. SW 31. WSW 25. W 38. WNW 10. NW 5. NNW 0. Calm or Var. 24.

WIND. DIRECTION AND FORCE (0 to 12). MAY 1889.

	1		2		3		4		5		6		7		8		9		10		11		12		Max.
	Dir'n.	Force	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	ESE	7–8	ESE	7–8	ESE	7	ESE	6	E	6–7	SE	4–5	ESE	4	SE	3–4	SE	3	SE	4	SE	6	SE	5	8
2	SE	4–5	SSE	3	SSE	3	S	2–3	SSE	0–2	S	2	S	1–2	S	1–2	S	1	S	2–3	S	2	S	2	9
3	SE	6–7	SSE	7	SSE	7	SSE	5–7	SSE	5–6	SSE	5	SSE	3–4	SE	6	SE	4	SE	4–5	SSE	4	SSE	4–5	9
4	S	4	SSE	5	SSE	5–6	S	5	S	3–4	S	4	SSE	3–4	SE	7–8	SSE	6–8	SSE	4	S	6–7	S	6–7	8
5	SSE	4	SE	5	SE	4	SSE	5	SSE	5	SE	4	SE	4	SE	3–4	SE	3	SE	2–3	SE	2–3	SE	3–4	5
6	SE	2–3	SE	3	SE	3	SE	2	SE	0–1	SSE	1	SE	1–2	ESE	1–2	SE	1	SE	0–1	SE	2	SSE	1–2	5
7	SE	4–5	SE	4	SE	4	SSE	3–4	SSE	3–4	SSE	4–5	SE	3–4	SSE	5	S	5	SE	3	SSE	4	SE	4–5	5
8	S	1–2	SSE	2	S	1	S	1–2	S	0–2	S	2	S	0–1	SSE	0–1	S	1	SSE	1–2	S	1	S	1	2
9	SSE	1–2	S	1–2	S	1–2	S	1–2	SSE	2–3	SSE	1–2	SE	2	S	2	SSE	2	SE	1–2	SE	3–4	SE	3–4	6
10	SE	6–7	SE	6	SE	6	SE	5	ESE	6	ESE	6	ESE	5	SSE	6	SE	4	ESE	6	SE	4–6	SE	6	7
11	SE	2	S	1–2	S	1–2	S	0–1	E	0–1	E	0–1	E	1–2	E	2–3	E	3	E	3	E	3	E	2	6
12	E	4	ESE	3	ESE	4	E	3–4	ESE	2–3	E	3	ESE	4	E	2–3	E	2–3	E	2–3	E	0–1	E	2–3	4
13	ENE	2	ENE	1–2	NE	0–2	N	1–2	N	0–1	NNE	1–2	E	0–1	E	0–1	E	0–1	Calm	0	N	0	Calm	0	2
14	SW	1	SW	1	SW	1–2	W	1–2	WSW	1–2	WSW	0–2	W	1–2	W	0–1	SW	0–1	SW	0–1	S	0–1	SSW	1	3
15	SE	3	SE	2–3	SE	2–3	SE	3	SE	2–3	SSE	2–3	SSE	1–2	SE	1–2	ESE	1–2	SE	1–2	SE	2–3	SE	2	3
16	S	2	S	1–2	S	2	S	1–2	S	1–2	S	0–1	S	1–2	S	0–1	S	1	S	0–1	S	0–1	S	0–1	4
17	SE	3	SE	3	SE	3	SE	3	SE	3	SE	3	SE	3–4	SSE	2–3	SSE	2	SE	2–3	SE	2	S	1–2	5
18	E	4	E	3–5	E	3–4	SE	0–3	E	1–3	ESE	1	Calm	0	Calm	0	Calm	0	Calm	0	Var.	0–1	S	0–1	5
19	S	2	SSE	1–2	SSE	1–2	S	0–2	S	0–2	S	2–3	S	3	S	1–2	S	0–1	S	1–2	S	2	S	2	3
20	S	1	SW	0–1	SW	1	S	0–1	S	0–1	S	0–1	SSW	0–1	S	1	S	1	S	1	S	0–1	S	0–1	2
21	SW	1	SW	1	SSW	1	SSW	1–2	SW	2	SW	3	SSW	0–1	W	0–2	S	0–1	WSW	2	SSW	1–2	SW	1–2	3
22	SW	2	SW	2	SSW	2	SW	2–3	SSW	2–3	SW	2–3	SW	2–3	S	2	SW	0–2	S	0–1	SW	1–2	W	0–1	3
23	WSW	1–2	WSW	1–2	WSW	1–3	SW	3	SSW	3–4	SSW	2–3	SSW	1–2	SW	2–3	S	0–1	SSW	1–2	W	2	S	1–2	4
24	SSE	3	SE	1–2	SSE	2	S	2	S	0–1	S	1	S	1–2	S	2	S	1–2	S	1–3	S	1–2	S	1–2	3
25	WNW	1–2	WNW	1–2	W	1	NW	1	W	1–2	W	1–2	NW	0–1	WNW	1–2	WNW	0–1	WNW	1–2	NW	1–3	W	0–1	3
26	S	0–1	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	SE	0–1	SE	1	SE	1	SE	0–1	SE	0–1	S	0–1	1
27	S	0	S	1	S	1	SW	1–2	SW	1–2	SW	1–2	SW	1	Calm	0	S	0–1	S	0–1	S	0–1	S	0–1	3
28	SE	2	SE	2	SE	2	SE	2–3	S	3	SE	3	SW	3	SE	3	SE	3	SE	1–3	SE	4	SE	3–4	4
29	S	1	SSE	2–3	S	1–2	SSE	1	SE	1–2	SSE	2	SE	1–2	SE	2	SE	2	ESE	2	SE	2–3	SE	1	3
30	SSE	1–2	SSE	1	S	1–2	S	1–2	S	1–2	S	2	SSE	2	SE	3	SE	3	S	3	S	2–3	S	2–3	3
31	SSE	2–3	SE	2–3	SE	2	SE	3–4	SE	3	SE	3	SSE	2–3	SSE	2–3	S	2	S	1–2	S	1–2	S	1–2	4
MEAN		2·69		2·60		2·56		2·47		2·29		2·34		2·05		2·27		1·90		1·94		2·21		2·11	

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Force.
1	SE	5	SSE	4	SE	4	S	4	S	5	S	4–7	S	5	SSE	6	SSE	4–5	SSE	6–7	SSE	6	SSE	4	5·2
2	S	2–3	S	2	S	3	S	3–4	S	3	S	3	SE	4	SE	5–6	SE	7	SE	7	SE	7–9	SE	6–7	3·4
3	SSE	4–5	SE	5–6	SE	5–6	S	7–8	S	8	S	7–9	SSE	7–9	S	6–8	S	6–8	SSE	5–6	SSE	4–5	SSE	5–6	5·8
4	SSE	6	SSE	5	SE	4–5	S	5–6	S	5	S	4	SE	5	SE	3–4	SE	3–4	SE	5	SE	6	SSE	6	5·0
5	SE	2	SE	2–3	SE	2	ESE	2	SE	1	E	0	SE	1	ESE	1	SE	1–2	SE	2	SE	2–3	SE	2–3	2·8
6	SE	1	SE	2	SE	2–3	SE	1–2	SE	2–3	SSE	3	SE	3	ESE	3	SE	4	SE	4–5	SE	4–5	SE	5	2·3
7	SE	4	SE	3–4	SE	3	S	1–2	S	1–2	SSE	2–3	SE	2	SE	3	SE	4	SE	2	SE	2–3	SSE	2	3·4
8	S	0–1	S	0–1	S	1	S	1–2	S	1	S	0–1	SE	2	SE	2	SSE	2	SE	1–2	S	1–2	S	0–1	1·2
9	SE	4–5	SE	5	SSE	5	SE	3–4	SE	4	SE	4	SE	4	SE	5	SE	5	SE	5	SE	6	SE	6	3·4
10	SE	7	SE	4–6	SE	5	SE	6	SE	4	SE	6	SE	5	SE	4	SSE	2–3	SE	2–3	SSE	2	SE	3	5·0
11	ESE	5	E	5–6	ESE	5	E	4–5	E	4	E	4	E	4	ESE	4–5	ESE	4	E	2–4	E	3–4	ESE	4	3·0
12	E	2–3	ESE	2–3	E	0–3	E	2–3	E	1	E	1	E	1–2	NE	0–1	E	1–2	E	0–2	E	1–2	E	1–2	2·2
13	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	S	0	SSE	0–1	SSE	0–1	S	0	SW	1	0·5
14	SSE	0–1	S	1	SE	1–2	SE	1–2	SE	2	SE	2–3	SE	2	SE	2	SE	2–3	SE	2–3	SE	2	SE	3	1·5
15	S	2	SSW	1	S	1	S	1	SSW	0–1	S	1	SSW	1	S	1–2	S	2	S	2	S	2	S	2	1·8
16	SSE	1–2	SE	1	SSE	1	Calm	0	S	0–1	SE	0–1	SE	1	SE	1–2	SE	2	SE	3	SE	3	SE	4	1·4
17	SE	3	SE	3	ESE	2–3	ESE	3	ESE	2	SE	3	ESE	3	SE	4	ESE	3–4	ESE	3–4	E	4–5	E	3–4	2·9
18	S	0–1	S	0–1	Calm	0	W	0–1	SW	0–1	S	0–1	SSW	1	SW	0–1	SSW	0–1	S	1	SSE	1	S	2	1·1
19	SSE	1	S	1	S	1–2	S	0–1	S	0–1	S	0–1	SSE	1–2	SSE	1–2	S	1–2	S	1	S	1	SSW	0–1	1·3
20	S	1	S	0–1	SSW	1	SSW	1	SW	0–1	S	2	S	1–2	S	1	SSW	1–2	S	2	SW	0–1	SW	1	0·9
21	SW	1–2	S	2	SW	1–2	SW	0–2	SSW	1	SW	2	S	1	SSW	1–2	SSW	2	SSW	1–2	WSW	1–2	WSW	1–2	1·4
22	SSW	1	S	1	SSW	1–2	SSW	2–3	SSW	2	S	2	SW	2	WSW	1–2	SW	2	SW	1–3	SW	2–3	SW	2	1·8
23	SW	1–2	SW	1–2	S	1	S	0–1	SSW	1	S	0–1	SSW	1	S	1–2	S	1–2	S	2	S	2	SSE	2	1·6
24	SSW	0–2	S	1	SSW	1	SW	1–2	SW	0–2	SW	1–2	SW	0	WSW	0–1	SW	0	SW	1	W	0–1	WNW	1–2	1·3
25	NW	0–1	Var.	0–1	N	1	W	0–1	W	0–1	W	0–1	Calm	0	S	0–1	S	1	SSE	2	S	1–2	S	1–2	1·0
26	SE	0–1	SE	0–1	SE	0–1	SE	1	SE	1	SE	1	SE	0–1	S	0	Calm	0	SW	0	S	0–1	S	0	0·4
27	S	1	S	1	S	1	S	1	S	1	S	1	SSE	1–2	SE	1–2	SE	2	SE	2	SE	2	SE	2–3	1·1
28	SE	3–4	SSE	2	S	2	S	2–3	S	2–3	S	3	SSE	2	S	2	S	2	S	2	S	1	S	2	2·5
29	S	2	SE	2–3	SE	2	SE	1–2	SE	0–1	S	1–2	SSW	2	SSE	2	SSE	2	S	2	SSE	2	SSE	1–2	1·8
30	SSW	2	S	2–3	S	2–3	S	1–3	S	1–2	SE	2–3	SSE	2–3	S	2–3	SSE	2–3	SSE	2	SSE	2	SE	3	2·2
31	S	1–2	SSW	2	SW	1–2	S	2–3	SSW	3	SW	2–3	SSW	2–3	SW	2	SSW	3	SW	1–3	SSW	3	SW	3	2·4
MEAN		2·26		2·18		2·13		2·18		1·98		2·24		2·27		2·34		2·53		2·56		2·61		2·71	2·31

N 4. NNE 1. NE 2. ENE 2. E 44. ESE 32. SE 205. SSE 94. S 205. SSW 40. SW 55. WSW 10. W 15. WNW 6. NW 4. NNW 0. Calm or Var. 25.

WIND. DIRECTION AND FORCE (0 to 12). JUNE 1889.

	1		2		3		4		5		6		7		8		9		10		11		12		Max.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	WSW	2-3	WSW	1-2	SW	1-2	SW	2-4	S	2-4	S	2-5	S	1-4	S	3-6	S	4-5	S	5-7	SE	5-7	S	5-7	9
2	SSE	4-6	SE	7-9	SE	7-8	SSE	5-7	SE	5-8	SE	6-8	SE	6-8	S	6-8	SE	5-6	SE	5-7	SE	5-7	SE	5-7	10
3	SSE	2	SSE	3	SSE	4	SE	3	SE	2-3	SE	2	SSE	2-3	SSE	2-3	SE	2-3	S	2	SSE	1-2	SE	2	5
4	S	3	SSE	3	SSE	4	S	3-4	S	3-5	S	4-5	S	4-6	S	4-5	S	5-6	SW	3-4	SW	3-4	SW	1-3	6
5	SSE	2-3	SSE	2	S	2	SSE	1	SSE	1-2	SE	1-2	S	1	SE	1	SE	1	SE	1	SE	1	SE	0-1	3
6	SE	3	SSE	3-4	SSE	3	SE	2	SSE	2	SSE	2	SSE	2	SSE	2	SE	1	SE	2	SE	2	SE	1	4
7	WNW	3	W	2	NW	2	N	1-2	SE	0-1	N	0-1	NNW	1	N	1	W	0-1	N	0	N	0	N	0	3
8	S	2	S	2	S	2	SW	1-2	W	1-2	W	1	SW	1	SW	0-1	W	0-1	S	0-1	S	0-1	S	0-1	2
9	NNE	1-2	NNE	1-2	NE	1-2	N	2	N	2	N	0-1	N	1-2	N	1-2	N	1-2	NE	1-2	N	1	N	0	3
10	N	0-1	N	1	Calm	0	N	1	N	1-2	NNE	0-1	N	0	NE	0-1	ESE	0-1	SE	1	SE	1	Calm	0	3
11	SSW	3	SW	2	SW	2	SW	2	SW	2	SW	2	SW	2	SW	2	SW	2	SW	2	SW	2	SW	2-3	3
12	WSW	2	SW	1-2	SW	1	SW	0-1	SW	1-2	SW	1-2	SW	1-2	SW	0-1	SW	1-2	SW	0-1	W	0-1	SW	0-1	3
13	SW	3	SW	2	WSW	1-2	SSW	3-4	SSW	3	SSW	3-4	S	3-4	SSW	2-4	SSW	3-4	SSW	3-4	SSW	2-4	SSW	2-3	4
14	W	1	W	1	W	1-2	W	2	SW	1-2	WSW	1-2	SW	1	S	1	SW	0-1	S	0-1	S	0-1	SSW	0-1	3
15	WSW	2	WSW	3	WSW	2	NNW	0-1	W	0-1	W	1	W	1	NNW	1	NNW	0-1	NNW	0-1	SW	0-1	W	1	3
16	NW	1-2	WNW	2	WNW	2	WNW	2	NW	2	NW	2	NW	1	N	0-1	NW	1	W	1-2	W	1-2	NW	1-2	2
17	S	1	SSW	1	SW	1	WSW	1	SW	1	W	1	W	1	W	1	W	0-1	Calm	0	W	0	Calm	0	1
18	S	1	S	1	S	1	SSW	1	SW	0-1	W	0-1	W	0-1	Calm	0	Calm	0	Calm	0	SSE	0	S	0	1
19	Calm	0	ESE	0-1	Calm	0	E	1	ESE	1	ESE	1	ESE	0-1	E	0-1	Calm	0	Calm	0	E	0	SE	1	1
20	NE	0-2	ENE	1-2	E	1-2	ESE	2	ESE	2	ESE	2-3	ESE	3	ESE	3	ESE	3	ESE	3	ESE	2	ESE	2	3
21	SE	1	SE	1-2	SE	1-2	S	1	S	1	SW	0	SSW	0	SSW	0	Calm	0	Calm	0	SSW	0	S	0	2
22	Calm	0	N	1	N	1	SSW	0	N	0-1	N	0-1	N	0-1	N	0-1	N	0-1	N	0	N	0	N	0	1
23	W	0-1	Calm	0	Calm	0	NW	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	W	0	S	0	1
24	S	1	S	0-1	S	0-1	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	S	0	S	1	1
25	Calm	0	Calm	0	W	0	NNW	0	W	0-1	NNW	0-1	NNW	0	S	0	Calm	0	SW	0-1	W	0	N	0	1
26	SSW	1	SSW	1	SW	1	SW	1-2	SW	2	SW	2	S	1-2	SW	1-2	SSW	1	S	2	S	1-2	SSW	1-2	3
27	SSW	2	W	2	W	2-3	W	3	W	2-3	W	3	N	2	W	3	SW	1-2	SW	1-2	SW	0-1	SW	0-1	3
28	S	2	S	2	S	2	SW	2	W	2-3	W	2-3	W	0-1	W	2-3	SW	1-2	W	1-2	W	2	SW	1-2	3
29	W	1-2	W	1	W	1	W	0-1	W	1-2	W	1-2	NNW	1-2	NNW	1-2	W	1-2	W	1	SW	1-2	SW	1-2	3
30	WSW	3	WSW	3	W	3	W	2-3	W	2-3	W	1-2	W	1-2	NNW	1-2	NNW	1-2	W	1-2	N	1-2	W	1-2	3
MEAN		1·75		1·83		1·78		1·67		1·77		1·70		1·53		1·60		1·43		1·43		1·32		1·23	

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Force.
1	S	3-6	SSW	2-5	S	5-6	S	5-6	SSE	4-6	SSE	4-6	SSE	2-6	S	5-7	S	4-8	SSE	7-9	S	7	SSE	7-9	4·7
2	SE	6-9	SSE	6-7	SE	9-10	SSE	5-6	SE	4-6	SE	5-6	SE	5-6	SSE	6-8	SE	5-6	S	3-4	S	2-3	S	1-2	5·9
3	SSE	3	S	3-4	SSE	3	SSE	0-1	SE	2-3	SSE	3-4	SSE	4	S	2-4	SSE	5	S	3-5	S	4	SSE	4	2·9
4	WSW	1-3	S	1-3	WSW	1-2	SW	2	SW	0-1	SW	0-1	SSW	1-2	SW	1-2	SW	2	S	2	S	2	SSE	2	2·7
5	ESE	1	SSE	1	SSE	1-2	S	0-1	S	0-1	S	1	S	1	SSE	2	SE	3	SE	3	SSE	3	SSE	3	1·5
6	SE	1-2	SE	1	S	1	SW	1	SW	1	SW	0-1	SW	1	WSW	1	W	1	WSW	1-2	W	2-3	W	2-3	1·7
7	N	0	N	0	N	0	N	0-1	NW	0-1	S	0-1	S	0-1	S	0-1	SE	1	SSE	2	S	1-2	S	2	0·9
8	SW	0-1	SSE	0-1	S	0-1	SSE	1	SE	0-1	SE	0-1	Calm	0	N	0	N	0	N	0	N	0	N	0-1	0·7
9	N	0-1	N	0-1	N	1-2	N	1-2	N	1-2	SE	0-1	N	1	N	1-2	N	2-3	NNE	2-3	N	1-2	N	1	1·3
10	SW	1	S	0	Calm	0	Calm	0	Calm	0	Calm	0	W	0-1	WSW	0-1	SSE	1	SW	2	SW	2	SSW	2-3	0·7
11	SSW	2	SSW	1-2	SW	3	SW	2	SSW	2-3	SSW	2-3	SW	3	SSW	3	SSW	2-3	SW	2-3	W	2	SW	2	2·2
12	SW	0-1	W	1-2	WSW	2	WSW	2	SW	2	SW	2-3	SW	2-3	W	2	W	2	SW	2	WSW	2	SW	3	1·5
13	SW	1-3	SW	2	SSW	2-3	SSW	2-3	S	2-3	SW	2-3	SW	2	SW	2	SW	2	SW	2	WSW	2	WSW	1-2	2·5
14	SW	1	W	1-2	W	1	W	1	WSW	1-2	WNW	0-1	SW	1	WSW	0-1	WSW	1	SW	2	WSW	3	WSW	2	1·2
15	W	0-1	W	2	W	1-2	SW	1-2	W	2-3	W	2-3	W	2	W	2-3	W	2	NW	2	W	2	WNW	1-2	1·5
16	Calm	0	NW	1-2	NW	1	NW	1-2	NW	0-1	NW	1	NW	1	NW	1	WNW	0-1	WNW	0-1	Calm	0	S	1	1·2
17	S	0-1	Calm	0	S	0	SW	0	Calm	0	Calm	0	S	0	Calm	0	S	0	S	0-1	S	0-1	S	1	0·5
18	S	1	SE	1	SSE	1	S	0-1	SSE	0-1	Calm	0	S	0-1	SSE	0	SE	0	SE	0-1	SE	0	Calm	0	0·4
19	SE	1	SE	0-1	Calm	0	SE	1	SE	0-1	E	0	E	1	SE	1	ENE	0-1	N	0-1	NNE	1	NE	1	0·5
20	SE	1-2	SE	2	S	1-2	SE	1	SE	1	ESE	1	SE	1-2	SE	1	SE	1	Calm	0	Calm	0	E	0	1·6
21	SSE	0-1	W	0-1	Calm	0	SW	0	N	0-1	Calm	0	Calm	0	Calm	0	Calm	0	NW	0	Calm	0	N	0	0·3
22	N	0	N	0	Calm	0	Calm	0	Calm	0	N	0-1	SE	0-1	Calm	0	SSE	0-1	SE	1	SE	0-1	Calm	0	0·3
23	Calm	0	SSE	1	SSE	0-1	SE	0	SE	0-1	Calm	0	SE	0-1	ESE	1	SE	1	SE	1	SE	1	SSE	1	0·3
24	S	1	S	0-1	S	0-1	W	0	W	0	Calm	0	Calm	0	Calm	0	Calm	0	N	0	Calm	0	Calm	0	0·2
25	SW	0-1	S	0	S	0-1	NW	0-1	NNW	0	N	0	Calm	0	SW	0	SW	0	SW	0-1	SW	0-1	SW	0-1	0·2
26	SSW	1	SSW	1-2	SSW	1-2	S	2	SW	2	SW	2-3	SW	1-2	SW	2	WSW	2	SW	2-3	SW	3	SW	3	1·8
27	SW	0-1	WSW	1	SW	1	W	0-1	SW	0	SW	0	SW	0-1	SSW	0-1	SSE	1	SSE	1	SSE	1	S	1	1·3
28	SW	2	SW	2	SSW	1-2	SW	1-2	W	1-2	SW	1-2	SW	1	SW	2	W	1	WSW	2	W	0-1	WNW	0-1	1·6
29	SSW	1	SW	1	SW	1-2	SW	2	SW	2-3	SW	1-2	SW	2	SW	3	SW	3	SW	2-3	WSW	2-3	WSW	2-3	1·7
30	N	1	N	0-1	NE	1	NE	1-2	ENE	1	NE	0-1	ENE	1	NNE	1	NNE	1	N	2	NE	1	N	1	1·5
MEAN		1·30		1·33		1·52		1·30		1·28		1·22		1·35		1·52		1·60		1·78		1·62		1·65	1·52

N 63. NNE 7. NE 9. ENE 4. E 8. ESE 17. SE 74. SSE 57. S 96. SSW 38. SW 125. WSW 31. W 82. WNW 9. NW 19. NNW 13. Calm or Var. 68.

WIND. DIRECTION AND FORCE (0 to 12). JULY 1889.

.	1		2		3		4		5		6		7		8		9		10		11		12		Max.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	N	1	N	2	N	2	N	2	N	3	N	3	N	3	N	2-3	N	2-3	N	1-2	N	1-2	NNW	1	3
2	N	3	N	2-3	N	3	N	1	N	1	N	1	N	1	N	1	N	1	N	1	N	0	Calm	0	3
3	Calm	0	N	0-1	NE	0-1	N	1	NNE	0-1	NE	0-1	NE	0-1	E	0-1	E	0-1	ESE	0-1	SE	0-1	SE	1	2
4	E	1-2	E	2	ESE	1-2	E	1-2	NE	1	NE	1	SE	1	ESE	1	ESE	1	ESE	1	ESE	1	SE	0-1	2
5	N	0-1	N	0-1	Calm	0	N	1	N	2	N	2	N	2	N	1-2	N	2-3	N	0-1	N	0-1	N	0-1	3
6	WNW	1	NW	1	NNW	1-2	NNE	2-3	N	2	N	2	NNW	2	N	2	NW	2	N	1-2	N	0-1	N	1	3
7	Calm	0	Calm	0	ENE	1-3	NNE	1-2	Var.	0-1	N	0-2	Calm	0	NE	0-1	Calm	0	N	0-1	N	0	Var.	0-1	3
8	Var.	0-1	N	2-3	NE	1-3	N	2-3	NE	1-3	ENE	0-3	NE	0-1	E	1	N	0-2	ESE	2	E	0	N	0-2	3
9	Calm	0	N	1	Calm	0	Calm	0	Calm	0	E	0	E	1	SE	2	SE	2	ESE	3	SE	2	SE	3	4
10	SE	4	SE	4-5	SE	5	SE	5	SE	3-4	SE	5	SE	4	SE	4-5	SE	4-5	SE	5	SE	5	SE	4	5
11	ENE	2	NE	1-2	Var.	0-1	Calm	0	E	0-1	E	0	E	0-1	E	1	E	1	E	0	Calm	0	Calm	0	2
12	SE	0-1	Calm	0	NW	0-1	NW	1	WNW	1	NW	0	NW	1	NNW	0	Calm	0	Calm	0	Calm	0	Calm	0	1
13	SW	1	SW	1	SSW	1	SSW	0-1	W	1	SW	1	WSW	1	SW	1	WSW	1	SW	0	WSW	0-1	W	0	2
14	NW	1	Var.	0-1	N	0-1	N	1-2	NE	1	Calm	0	N	0	Var.	0	Calm	0	SW	0	NW	0	SW	0	2
15	W	1	WSW	1	WSW	1	SW	1	SW	0	WSW	0	WSW	0	Calm	0	WSW	0	SW	1	Calm	0	Calm	0	1
16	N	0-1	N	1	N	1	N	0	Calm	0	N	0	Calm	0	N	0-1	Calm	0	N	1	Calm	0	Calm	0	2
17	W	0	NE	0-1	N	1	N	1-2	N	3	Var.	0-1	NNE	0-1	Var.	0-1	WSW	0	N	1	ENE	1	ENE	1	3
18	NNW	1-2	NNW	1-2	N	2	NNW	2-3	N	1-2	N	1	N	1	N	2	N	1	N	1	ENE	1	E	0-1	3
19	W	1-2	NW	0-1	NNW	1-2	W	0-1	NNW	0-1	NNW	0-1	NW	1	WNW	0-2	NW	1	NW	2	WSW	0-1	WNW	1	2
20	W	1	W	1-2	W	1	SW	2	S	1	SSW	0-1	S	1	S	1	S	1	S	0-1	S	1	S	1	2
21	E	1	Calm	0	NNE	0-1	Calm	0	Calm	0	N	0-1	N	0-1	N	1	N	0	Calm	0	NNE	0-1	N	0	3
22	N	1-3	N	1-2	NE	2	NW	1-2	WN	0	NNW	2	W	0-1	W	0-1	N	0-1	WNW	0-2	NW	1	SSW	1-2	3
23	SSW	0-1	S	0-1	S	1	S	0-1	Calm	0	Calm	0	Calm	0	SE	0	SSE	0	SE	0-1	SE	0	SE	0	1
24	S	1-2	S	2	S	2	SSE	2	S	2	S	3	S	1-2	SSE	3	S	2-3	SSE	4	S	4	S	4-5	6
25	SE	1	Calm	0	N	1	N	1	NNW	0	NNE	1	N	3	N	3	NNE	1-3	N	0-3	N	0-3	N	4	4
26	N	2	N	3-4	NNE	3-4	N	1-3	N	2	N	3	N	4	NE	0-2	N	2	NE	0-1	N	1	N	1-2	4
27	N	4	N	3-4	N	3	N	3-4	NE	0-2	N	0-3	N	3	NNE	3	N	2	N	1	NE	1	N	2	4
28	WSW	2-3	W	3	W	3	W	3-4	WNW	2	N	0	NW	3	NNW	0	NW	1	NW	1	W	1	W	1	4
29	WSW	0-1	WSW	0-1	W	1	WNW	1-2	NW	0-1	NW	2	WNW	2	NW	2	NW	2	NW	2	NW	1	WNW	1	2
30	SW	0	WNW	2	W	1-2	Calm	0	W	1	WNW	0	WSW	0-1	WSW	1	WSW	0	WSW	0	SSE	1	SSE	1	4
31	SSE	4	SSE	3-4	SSE	3	SSE	4	S	2	S	3	S	3	S	4	S	3-4	S	4	SSE	4-5	S	1-2	5
MEAN		1·31		1·47		1·58		1·55		1·15		1·18		1·35		1·35		1·21		1·24		1·02		1·10	

.	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Force.
1	NW	1	N	0-1	NNW	1	N	0-1	N	1	N	1-2	N	2	N	1-2	N	1	N	1	N	2-3	N	3	1·7
2	SE	0	SE	0-1	E	0	SW	1	NE	0	Calm	0	E	0	E	0	Calm	0	Calm	0	E	0	Calm	0	0·7
3	ESE	1	ESE	1-2	ESE	1-2	SE	1-2	SE	1	ESE	1	ESE	2	ESE	1-2	E	0-1	E	0	E	0-1	SE	1	0·8
4	SE	0-1	SSE	0-1	SSE	1	S	0-1	SSE	1	SSE	1	Calm	0	E	0	SE	1	ESE	0-1	N	0	NE	0-1	0·9
5	Calm	0	N	0	N	0	N	0	N	0-1	N	0	N	0-1	N	0-1	N	0-1	N	0	N	0	Calm	0	0·6
6	N	1-3	NNW	2-3	NNW	2	NNE	1-2	Calm	0	NNW	3	N	0	SSE	0-1	NE	1-2	ENE	1-3	NE	1-3	Var.	0-1	1·5
7	NNE	0-2	N	0-1	NE	1-2	E	0-1	NE	0-2	Var.	0-2	Calm	0	NW	0-1	NE	1	S	0-1	ENE	1	NNE	0-1	0·6
8	NNE	2	NE	1-2	ENE	1-2	N	2	SE	0	N	2	N	1-2	N	1	NE	0-1	ENE	1	N	0-1	N	1	1·3
9	SE	2-3	SE	2-3	ESE	2	SE	3	SSE	4	SE	2-3	SE	3	ESE	3	ESE	4	ESE	4	SE	4	SE	4	2·1
10	SE	4	SE	4	ESE	3-4	SE	3-4	SE	3	SE	1-2	ESE	2	ENE	1	E	2	E	1-2	NE	1-2	ENE	1	3·5
11	SE	0	SSE	0-1	S	0-1	SSE	1	SE	1	SSE	1	SSE	1	SE	1	SE	1-2	Calm	0	Calm	0	S	0	0·6
12	N	0	Calm	0	Calm	0	S	0	S	0	SE	1	Calm	0	SSE	0-1	S	1	SSW	1	SSW	1	SSW	1	0·4
13	Calm	0	SSW	1-2	WSW	1-2	SW	2	SSW	0	Calm	0	SW	0-1	WSW	1	SW	1-2	SSW	1-2	SW	2	SW	1	0·9
14	SW	0	N	0-1	N	0-1	NW	1	NW	0	Calm	0	SW	0-1	SW	1	WSW	2	W	1	Calm	0	WSW	1	0·5
15	E	1	Calm	0	N	0	W	1	Var.	0	N	0	N	1	NNW	1	NNW	1	N	0-1	N	1	N	1	0·5
16	N	0	N	1	N	1	NE	0-1	N	1	N	1	N	1-2	NW	1-2	N	1	N	0-1	Calm	0	N	1	0·6
17	ENE	0	NNE	1-2	N	1	Calm	0	S	0	Calm	0	NE	0-1	Calm	0	N	1	N	0	N	0-1	NNW	1	0·7
18	Calm	0	N	0	NW	0	N	0-1	NE	0-1	Calm	0	N	0	NW	0-1	NW	0-1	Calm	0	NW	0-1	NNW	1	0·8
19	N	0-1	NW	1	NW	0	NW	1	WNW	1	N	1	NW	1	W	0-1	WNW	1	NW	0	WNW	0-1	W	1	0·8
20	SSW	0-1	Calm	0	S	0	S	0-1	S	0	S	1	E	1	ESE	2	E	1	NE	1	NE	0	Calm	0	0·8
21	Calm	0	Calm	0	NNE	1	NE	1-2	N	1-2	N	2	NNE	2	N	2-3	N	2-3	N	3	N	1-2	E	1-3	1·0
22	NW	0	SSW	2	SW	2	SW	0-2	SW	0-2	W	1	SW	2	W	0	SSW	2	S	1	S	1-2	S	1	1·2
23	SE	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	SSE	0	SSE	0	Calm	0	S	0-1	S	1	0·2
24	SE	3-4	S	3	SSE	3	SSE	4-5	SSE	6	SSE	4-5	SE	4-5	SE	4-5	SE	4	SE	3-4	SE	3	SE	2-3	3·3
25	NNE	1-3	N	3	N	1-3	N	2-3	N	0-3	N	2	N	2-4	N	1-4	N	1-3	NE	1-3	Var.	0-2	N	2	1·9
26	N	1	NNE	2	N	1-3	Var.	0	NNE	1	N	0-2	NNE	2-3	N	2-3	N	4	N	2-4	N	3	N	3	2·1
27	N	2	Calm	0	N	1	N	1	NNE	0-1	NNW	1	NNW	1-2	NW	2-3	NW	2	W	2-3	W	3	W	3	2·0
28	W	1	NW	1	NW	0	W	1	Calm	0	Calm	0	WNW	1	W	1	W	1	W	1	W	0-1	SW	1	1·2
29	WNW	0	Calm	0	S	0	WNW	0	Calm	0	NW	1	Calm	0	W	0	Calm	0	Calm	0	W	0	Calm	0	0·7
30	S	1	S	1	SE	1	SSE	1	SE	2	SSE	3	SE	2	SE	3	SSE	3-4	SE	4	SE	3-4	SE	3-4	1·5
31	SSE	3	SSE	3	SE	4	SSW	1-3	SSW	1	S	0	SSE	3	SE	3	S	3	SSE	2	S	3-4	SSE	2-3	2·9
MEAN		0·95		1·13		1·11		1·16		0·95		1·10		1·27		1·29		1·53		1·23		1·24		1·32	1·24

N 187. NNE 22. NE 34. ENE 13. E 31. ESE 23. SE 68. SSE 36. S 50. SSW 16. SW 26. WSW 21. W 36. WNW 18. NW 43. NNW 23. Calm or Var. 97.

WIND. DIRECTION AND FORCE (0 to 12). AUGUST 1889.

	1		2		3		4		5		6		7		8		9		10		11		12		Max.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	S	2-3	S	2-3	S	3	S	1-2	S	0	SSW	1	SW	1	SW	0-1	WSW	0-1	SSW	1	S	1	SSW	1	3
2	SW	2	WSW	1-3	SW	1-2	SW	2	SSW	1	SSW	1	S	1-2	SW	1	SSW	2	SW	2	WSW	1	SSW	2	3
3	WSW	2	SW	1	SW	1-2	S	1-2	SSE	1	SSE	0-1	SSE	0-1	SSE	1	SSE	0	SE	0	SSE	0	Calm	0	2
4	Var.	0-1	NW	1	NW	1	NNW	0-1	N	0	W	0	W	0	W	0	WNW	1	W	1	W	0-1	SSW	0-1	2
5	SE	1-2	SSE	2	S	1-2	S	1	SE	1-2	SE	1-2	SE	1-2	SE	1	SE	2	ESE	2	E	0-1	E	1	3
6	NE	1-2	NNE	1	NE	1	E	1	ENE	1	N	1-2	NE	0-1	NNE	1	NNE	1-2	N	2	N	2-3	N	3	3
7	N	2	N	0-1	N	2	N	1-2	E	0-1	E	0	E	1	Calm	0	N	0-1	N	0	NW	0	E	0	2
8	SW	0	W	0-1	SSW	0-1	WSW	0-1	NW	0-1	NNW	0-1	SW	0-1	NNW	0	Calm	0	Calm	0	Var.	0	WSW	0	4
9	SE	4-5	SE	3-4	SE	4	SE	4	SE	4	SE	4-5	SE	4-5	SE	4-5	SE	3-4	SE	2	SE	1-2	SE	1	5
10	N	0	Calm	0	NE	0	Calm	0	Var.	0	Var.	0	NE	0-1	N	0	NNE	1	N	1	Calm	0	N	0-1	3
11	NE	1-2	N	2	NE	2-3	NNE	2-3	NNE	4	N	4	NE	4	N	2-3	N	4-5	N	3-5	NNE	4-5	N	4	5
12	Var.	0-1	N	2-3	Var.	1-2	NNE	1-2	N	0	Var.	0	N	0-1	N	1	NNE	0-1	N	1-2	NNE	1	Var.	0-1	3
13	N	3	N	1-3	N	3	N	3	N	1-2	NE	3-4	N	3-4	N	2-3	ENE	0-1	N	1-2	N	2-3	NE	2	4
14	WSW	1	SW	2	SW	2-3	S	2-3	SSW	3	S	2	SW	3-4	S	1-2	SW	2	SSE	2	S	2	SE	1-2	4
15	W	0-1	SW	0-1	WNW	1	N	0-1	W	1	WNW	1	Calm	0	W	0-1	SW	0-1	W	0	SW	0-1	W	2	3
16	N	1-2	W	1-2	NW	2	N	1-2	N	1-2	W	2	W	1	WSW	1	SW	2	SW	0-1	SW	1	SW	2	5
17	NNW	1-3	Var.	1-3	Var.	0-1	NW	1-3	W	1-3	W	1-2	W	1-2	W	1-3	W	2-3	W	0-2	W	0-1	W	1-4	4
18	WNW	1-3	WSW	1-3	W	2	W	1-3	SW	2	N	1-2	W	0	W	1-2	W	0	W	0-1	N	0-1	W	0-2	3
19	W	0-1	WNW	1-2	W	1	W	1-3	WSW	1	SW	2	S	2	SSW	1	S	2	SE	2	S	2	S	1-2	6
20	E	5	E	4	E	5	E	4-5	SE	4	E	1	SE	3	Var.	0	NNE	0-1	ENE	0-1	N	1-2	NE	1	5
21	N	0-2	W	1-2	NW	1-2	NW	2	Var.	1	Var.	1	W	1	W	1-2	S	0-1	W	0	N	0	W	0-1	3
22	N	2-3	NNE	2-3	N	1-3	NE	1-3	E	2	E	2	E	0-1	N	3-4	N	3-4	E	4	N	4	N	3-4	4
23	N	2-3	NE	2-3	N	1-3	NE	2-4	E	2	E	0-1	E	1-3	N	1-2	N	0-3	Var.	1-2	SSE	1	W	0-2	4
24	N	1-2	N	2-3	N	2-3	N	0-2	N	0-2	N	2	N	1-2	N	0-1	N	1	N	2	N	1-3	Var.	0	3
25	N	2-3	N	2-4	N	1-2	N	1-3	N	2-3	N	1	E	1	E	2	N	2	N	2	N	1	Var.	0	4
26	N	2-3	N	0-1	N	1	NNW	1	N	0-1	NNW	2	N	0-1	N	0	N	0-1	S	0	N	2	Var.	0-1	3
27	NNW	1-2	N	1	Var.	0-1	NW	1	SW	1-2	N	0-1	W	0	NW	1	N	0	WSW	2-4	W	2	W	2	5
28	SW	3-5	SSW	4-5	SW	3-5	WSW	3-6	SW	3-6	SW	3-6	SW	4-6	NW	1-3	W	2-3	W	3-4	W	4-6	W	1-2	6
29	W	1-2	N	0-1	N	1-2	N	1-2	W	0-1	W	1-2	W	0	N	0	W	1-2	W	0	SW	1	W	1	2
30	W	0-1	NW	1	NW	0-2	NW	1-2	W	1	WNW	1	W	1	W	1	S	0	NW	0-1	Calm	0	Var.	0	3
31	NW	2-3	NW	2	NW	2	WNW	2-3	W	2-3	W	2	W	2	W	1-2	W	1	W	0-1	SW	0	W	0	3
MEAN		1·82		1·76		1·82		1·85		1·56		1·52		1·45		1·19		1·32		1·34		1·32		1·19	

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Force.
1	SSW	1	SSW	1-2	SSW	1	SSW	1	SW	1-3	S	2	SSW	1	S	3	S	2	SW	1-3	SW	2	SSW	2-3	1·5
2	SW	1-2	SW	2	W	0-2	WSW	1	WSW	1	W	1	W	1	W	0	W	0-1	WSW	1	WSW	1	WSW	1	1·3
3	N	0	NNW	0	N	0-1	N	0	N	0	N	0-1	N	1	N	1	NW	1	NNW	1	NNE	0-1	N	1	0·6
4	SSW	0-1	SW	1-2	WSW	1-2	WSW	0-1	W	0	SSW	1	SSW	1-2	SSW	1-2	SW	2	S	2	SW	1	SSE	1-2	0·9
5	ENE	0	E	1	E	1	ESE	2	ENE	1	N	0-1	NNE	2-3	N	1-2	N	1-3	NNE	2-3	NE	1-2	NE	1-2	1·4
6	N	3	NE	2	N	0-1	N	2	N	3	Calm	0	N	0-1	N	1-2	N	1-2	NNE	0-1	N	1	N	1-2	1·4
7	E	0	Calm	0	Calm	0	N	1	N	0-1	ENE	0-1	N	0	N	0-1	N	0-1	N	0-1	WSW	0	NNW	0	0·5
8	S	0-1	SW	0	S	0	SSW	1	SE	1	E	0-1	SE	1-2	S	1	SE	1-2	SE	2-3	SE	3	SE	4	0·8
9	WSW	0	S	1	S	0-1	W	0-1	Calm	0	Calm	0	Calm	0	Var.	0	Calm	0	Calm	0	Calm	0	Calm	0	1·8
10	ENE	1-2	NE	1	N	1-2	NNE	1	NNE	0	E	1	SE	1-2	SE	2-3	E	0-1	ESE	1-2	Calm	0	E	2	0·7
11	NNE	3	NNE	2-3	N	1	N	1-2	N	1-2	N	2-3	N	2	N	2-3	N	2	N	3	N	3	N	1-3	2·8
12	Var.	0	E	0-1	Var.	0-1	NNE	0-1	S	0-1	N	0-1	N	1	N	2-3	N	1-2	N	2-3	N	3	N	2-3	1·1
13	NE	2	N	1-2	N	1-2	Var.	0-1	Var.	0	N	2-3	NE	0-1	W	0	NW	0-1	W	0-1	W	1	SW	1	1·7
14	SSE	0	Calm	0	S	0	Calm	0	Calm	0	Calm	0	NNE	0	N	0-1	W	0	NW	1-2	SW	0-1	WSW	0-1	1·2
15	W	0-1	NW	1	Var.	1	NE	2	Var.	1	E	1	ENE	2	NE	1-2	E	0-1	NNE	2	Var.	1-2	N	2-3	1·0
16	SW	1-2	S	3	SSW	2-3	S	2-3	S	1	S	4	SE	5	S	4-5	SSW	4-5	S	3-4	SSW	3-5	W	1-3	2·3
17	W	0-3	Var.	1-2	SW	1-3	NW	1-2	NNW	1-2	W	4	W	0-3	WSW	1-2	W	1-2	NW	1-2	NW	1-2	W	1-3	1·7
18	WNW	1	NW	1-2	W	1-2	SW	2-3	NW	1-3	SW	1	NW	1	WNW	1-2	WNW	2	W	2	W	1-2	NW	1-2	1·4
19	S	0	SSE	1-2	SE	2	ESE	2	SE	2-3	ESE	2	SE	2	E	2-3	E	3-4	E	3-4	E	2-4	E	6	2·0
20	N	2	N	2-3	N	3	N	3	N	1-2	N	0-1	E	1-2	NNW	1-2	N	0-1	N	0-1	N	1-2	Var.	1-2	2·1
21	NW	0-1	Var.	0-1	NE	0-1	N	2	N	2	E	0-3	Var.	0-1	N	2	NE	2-3	N	1-2	NW	1	N	2	1·2
22	E	1-3	N	3	N	2-3	N	1-2	N	1-3	E	1-3	Calm	0	Var.	1-2	N	2-3	N	1-2	NNE	2-3	N	2-3	2·3
23	NW	0-1	N	1	W	1	SSE	1	Calm	0	E	0	N	0-2	N	1	N	1-2	N	1	N	1-2	Var.	0-1	1·3
24	N	1	N	1	NE	1-2	Var.	0-1	E	0-1	Var.	1	Var.	0-1	NE	1	N	2	NNW	2	N	1-2	N	2-3	1·4
25	Var.	0	E	0-1	N	1-2	Var.	0-1	Calm	0	N	3	N	1-3	N	1-3	N	2-3	N	2-3	N	2	N	1-2	1·6
26	N	0-1	N	0-1	N	0-1	Var.	0-1	N	0	NNW	0-1	Calm	0	NW	0	NW	2	NNW	1	N	0	NNW	1	0·7
27	W	1-2	W	1-2	W	1-2	W	1-3	SW	4	SW	3-5	WSW	1-3	SW	2-3	WSW	3-4	W	2-4	W	2-4	W	2-4	1·9
28	W	2-4	W	1-3	W	3-4	SW	2-4	SSW	2-4	WSW	3	W	2-3	WSW	2-3	WSW	2-3	W	2-4	W	2-3	W	1-2	3·2
29	WSW	1	WSW	2	WSW	1	W	1	W	1	W	1	W	1-2	WNW	2	WNW	1-2	WNW	1-2	WNW	1-2	WNW	1-2	1·1
30	W	1	Calm	0	W	1	NNW	1-2	WNW	0	NW	0	Calm	0	WNW	1	WNW	2	NW	2	NW	2-3	NW	2-3	0·9
31	W	0-1	W	0-1	WSW	1	NW	0	NW	0-1	Calm	0	Calm	0	W	0-1	NE	0	N	0	NNW	1	NW	0	0·9
MEAN		1·00		1·23		1·23		1·27		1·06		1·32		1·19		1·52		1·63		1·71		1·60		1·77	1·45

N 183. NNE 24. NE 27. ENE 8. E 43. ESE 5. SE 35. SSE 13. S 39. SSW 27. SW 51. WSW 32. W 109. WNW 18. NW 41. NNW 18. Calm or Var. 71.

WIND. DIRECTION AND FORCE (0 to 12) SEPTEMBER 1889.

	1		2		3		4		5		6		7		8		9		10		11		12		Max.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	NNW	1	W	1	N	1	NNW	1-2	NNW	0-1	N	0-1	N	0-1	NNW	0-1	Calm	0	Calm	0	S	0-1	SE	1	3
2	SSE	2-3	SSE	3	SE	3	SSE	2-3	SSE	3	SSE	3	SSE	3	SSE	3-4	SSE	3-4	SSE	4	SSE	4	SE	4-5	5
3	SSE	4	SSE	4	SE	4-5	SSE	4	SSE	3-4	SSE	4	SSE	3-4	SE	4	SE	4	SE	3-4	SE	3	SSE	3	5
4	SW	1	SW	1	SW	1	SW	1	SSW	0	SSW	0	SW	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	2
5	SSW	1-2	SSW	2	S	2	S	2-3	S	3	S	3-4	S	3	S	3	S	2-3	S	2	S	2-3	S	3	4
6	S	3-4	S	4	S	3	S	3-4	S	3	S	3-4	S	3-4	S	3	S	3	S	3	S	2-3	S	2-3	4
7	S	3-4	SE	3-4	SE	4	SE	4	SE	3-4	SE	3-4	SE	3-4	SE	4	SE	4	SE	3-4	SE	3	SE	2-3	5
8	SE	4-5	SE	4-5	SE	4-5	SE	5	SE	5	SE	5-6	SE	5-6	SE	5-6	SE	6	SE	5-6	SE	5-6	SE	6	6
9	SSW	1	SSE	2-3	SSW	4	SW	2-4	S	3-5	SSW	1-3	SW	1-4	SW	1-4	SW	1-3	WSW	1-2	W	0-2	WSW	1-2	5
10	WSW	2-3	W	2-3	W	1-3	W	1-3	SW	1-2	SSW	2-3	SW	3	SW	2-3	WSW	2-3	WSW	1-3	SW	1-2	SW	2-3	4
11	SSW	3	SW	3	SW	3	SW	3-4	SSW	3-4	SSW	2-3	SSW	1	SSW	1-2	SSW	0-1	SSW	0-1	SSW	0-1	Calm	0	4
12	SW	0	Calm	0	Calm	0	Calm	0	Calm	0	SSE	0	SSE	1	S	0	S	1	S	1	Calm	0	Calm	0	4
13	SW	3	SW	2	SW	2	SW	1-2	WSW	2	W	0-1	W	0-1	W	1	Calm	0	W	0-1	W	1	W	2	3
14	Calm	0	Calm	0	Calm	0	Calm	0	N	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	2
15	N	0	N	0-1	N	0	NW	1	Calm	0	WNW	1-2	WNW	1	WNW	0-1	Calm	0	Calm	0	Calm	0	Calm	0	3
16	SSE	3	S	3	S	3-4	S	3	S	3	SW	3-4	SW	3-4	SW	3	SW	4	SSW	3-4	SSW	3	SSW	3	6
17	SE	3-4	SSW	4-5	SW	4-6	SW	3-5	SSW	1-3	SSW	3-6	SSW	3-5	SW	1-4	SW	0-3	SW	1-2	SSW	3-4	SW	2-4	6
18	SW	3-4	SSW	3-5	WSW	3-5	SW	3-4	WSW	2-5	WSW	2-4	WSW	2-5	WSW	2-5	W	2-4	W	3-5	WSW	3-5	WSW	3-6	6
19	WNW	2-4	NW	3-4	WSW	2	W	1-3	W	1-4	NW	1-3	NNW	1-3	W	1-3	NW	3-4	N	0-2	NNE	0-1	N	0-2	4
20	N	1-2	N	2-3	N	2-4	N	1-2	N	1-3	N	1-4	N	1-3	N	2-4	N	0-3	NNE	1-2	N	1-3	NNE	0-3	4
21	N	2	N	2	N	2	N	1-2	N	3-4	N	2-4	N	2-4	N	1-3	N	0-1	N	0-3	N	2-3	NNE	1-2	4
22	N	2-3	N	2-3	N	2-3	N	2-3	N	2-3	N	3-4	N	2-4	NNE	2-4	N	2-3	N	1-3	N	1-3	N	3-4	4
23	N	3	N	3	N	3	N	2-3	N	3	N	3	N	3-4	N	3-4	N	3-4	N	1-2	N	2-3	NNW	0-1	4
24	Calm	0	N	0	N	0-1	NNW	0-1	Calm	0	NW	0-1	NW	1-2	NW	0-1	NNW	1-2	NNW	0-1	NNW	0-1	NNW	1-2	5
25	N	2-4	N	3-4	N	4-5	N	1-3	N	3-4	N	3-4	N	1-3	N	1-3	N	2-4	N	2-4	N	2-3	N	0-1	5
26	SW	2	SW	2-3	SSW	2-3	SW	2	SW	2	SW	2-3	SW	2-3	SW	3-4	WSW	2-3	W	1-2	W	2-3	N	1-3	5
27	W	1-2	N	3	N	0-1	N	1-2	NNW	1	NNW	1-2	NW	1-2	W	1	N	1-2	W	1-2	W	1	W	1-2	3
28	Var.	1-3	ENE	2-3	NNE	2-4	NNE	3-4	N	1-3	N	2-4	NNW	2-5	N	3-5	N	3-5	N	3-5	N	2-4	N	2-4	6
29	NE	1-4	N	1-4	Var.	1-3	N	2-3	N	0-2	N	1-3	N	1-3	Calm	0	N	0-1	N	1-2	N	1-4	N	1-3	6
30	N	2-5	N	1-2	NE	1-2	N	2-3	N	3-5	N	1-3	N	2-3	N	1-3	Calm	0	NE	1-3	N	1-4	NNW	2-4	5
MEAN		2·25		2·47		2·45		2·33		2·27		2·42		2·38		2·23		2·07		1·92		1·98		2·02	

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Force.
1	SSE	1	SSE	2	SE	2	SE	2	SE	2	SE	2	SSE	2	SSE	3	SE	3	SE	3	SE	2-3	SSE	3	1·5
2	SE	4	SE	3-4	SE	3	SSE	4	SE	4	SE	4-5	SE	4-5	SE	4-5	SE	5	SE	4-5	SE	4-5	SE	4	3·7
3	SSE	2-3	SE	3	SSE	2-3	S	2-3	S	1-2	Calm	0	S	0-1	SSE	1	SSE	1-2	S	1	S	1	SSW	1	2·6
4	Calm	0	Calm	0	S	0	S	0	S	1	S	0-1	S	1	S	1-2	S	1-2	S	2	S	2	S	1-2	0·6
5	S	3	S	2-3	S	2-3	SSE	2-3	SSE	3	SSE	3	SSE	3	SSE	2-3	SSE	3	S	3	S	3-4	S	3-4	2·7
6	SSE	2	SSE	3	SSE	2-3	SE	2-3	SE	2-3	SE	3	SE	3	SE	3	SE	3	SE	3	SE	3-4	SE	3	3·0
7	SE	2-3	ESE	4	ESE	3-4	ESE	3-4	ESE	3-4	ESE	4	ESE	5	SE	4-5	SE	5	SE	5	ESE	4-5	SE	5	3·9
8	SE	6	SE	6	SSE	4-5	SSE	4-5	SSE	4-6	SSE	5-6	SE	5	SSE	5-6	S	4-6	S	4-6	S	3	S	4-5	5·1
9	WSW	0-2	SW	0-2	WSW	1-2	SW	1-2	SW	1-3	SSW	1-3	SW	2-3	SW	2-3	SW	2-3	WSW	3	WSW	2-3	WSW	2-3	2·2
10	WSW	2-3	SW	2-3	SSW	3-4	SSW	4	SSW	1-3	SSW	2-4	SSW	2-3	SW	3-4	SW	3-4	SW	2-3	SW	3-4	SSW	4	2·7
11	S	1	WSW	2	S	3	W	2-3	WSW	1-2	W	1-2	WSW	2	SSW	1	S	1	S	1-2	S	1	SW	1	1·7
12	S	0-1	SSE	1-2	SSE	1	SSE	2	S	2-3	S	3	S	3-4	SSW	4	SSW	3	SSW	3-4	SSW	3-4	SW	3	1·4
13	W	0-1	N	1-2	N	0	NNE	0-1	N	0-1	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	0·8
14	Calm	0	Calm	0	Calm	0	Calm	0	W	0-1	N	1	NW	1	N	1-2	Calm	0	Calm	0	SW	0	N	0	0·2
15	Calm	0	SW	0-1	Calm	0	Calm	0	SW	0	SW	0-1	Calm	0	Calm	0	SE	0	ESE	1	SE	1	SE	3	0·4
16	SW	3	SSW	3-4	SSW	3	SSW	3-4	SSW	4-6	S	4-5	S	4-6	S	4-5	S	4	S	4	SSE	4	S	4	3·6
17	SW	1-3	WSW	3-5	SW	3-4	S	3-4	SSW	2-4	SSW	1-3	SSW	0-2	SW	3-4	WSW	3-5	SW	4	SW	3-5	SW	3-5	3·2
18	W	2-6	W	3-4	W	2-3	WSW	3-4	WSW	3-5	SW	3-5	W	1-4	W	2-4	WSW	2-4	NW	1-4	W	2-4	W	3-5	3·5
19	NW	0-1	N	1-3	N	1-3	W	1	N	0-2	N	0-2	W	1-2	NW	2	N	1-2	NNW	1-2	N	1-2	N	1-3	1·8
20	N	1-2	N	[1-2]	N	2	Var.	0-1	N	1-3	N	3-4	N	2-4	NNE	1-2	N	2-3	N	2-3	N	1-2	N	2-3	2·0
21	N	2-4	E	1-2	Var.	0-1	N	1-2	NE	2-3	N	1-2	N	1-3	N	2-3	N	2	N	2-3	N	2-3	ENE	1-2	2·0
22	N	1-2	N	2-4	N	2-3	N	2-3	N	1-2	N	2-3	NE	2-3	N	2-3	N	2-3	N	3	N	2-3	N	2-3	2·5
23	NNW	0-1	NNW	0	N	0-1	Calm	0	N	0-1	NNW	0-1	Calm	0	N	1	N	0-1	Calm	0	Calm	0	Calm	0	1·5
24	NNW	0-1	NNW	0-1	NNW	0-1	W	1-2	Var.	0-1	N	3-5	N	2-4	N	2-3	N	2-3	N	0-2	E	1-2	N	2-3	1·2
25	N	1-2	NE	1-2	NNE	0-1	Var.	1-2	N	1-3	N	1-2	NNW	2-3	N	2	N	1-2	N	2	N	0-1	W	2	2·2
26	NNW	1-2	WNW	3	NW	2-3	WNW	2-3	NNW	3-5	N	1-3	N	1-4	N	2-3	N	2-3	N	1-3	N	1-3	N	2-3	2·4
27	WSW	0-1	W	0-1	E	1-2	E	1-2	E	1-2	N	1-3	NE	1-2	E	1-3	ENE	1-2	Var.	0-2	NE	2-3	ENE	1-3	1·5
28	N	3-5	ENE	3	N	1-4	ENE	2-4	N	3-5	NE	4-5	NE	4-6	NE	1-3	N	2-3	Var.	1-2	N	1-3	N	1-3	3·1
29	N	1-2	N	1-3	N	2-4	N	3-4	N	1-3	N	3-4	N	4-5	N	3-5	N	5-6	N	3-6	N	4-5	N	3-6	2·7
30	N	2-4	N	2-4	NNW	2-4	Var.	0-1	N	3-4	NE	1-3	NNE	1-3	N	1	N	3	N	1-2	N	2-3	N	1	2·2
MEAN		1·83		2·18		1·98		2·07		2·28		2·42		2·47		2·48		2·53		2·38		2·35		2·53	2·26

N 187. NNE 11. NE 12. ENE 6. E 6. ESE 8. SE 71. SSE 49. S 73. SSW 46. SW 66. WSW 30. W 40. WNW 6. NW 13. NNW 26. Calm or Var. 70.

WIND. DIRECTION AND FORCE (0 to 12). OCTOBER 1889.

	1		2		3		4		5		6		7		8		9		10		11		12		Max.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	N	2	N	2-3	N	2-3	N	2-4	NNE	2-5	NE	2-4	NNE	2-4	N	1-3	NE	1-3	NE	1-3	NE	1-2	NNE	1-2	5
2	W	1	NW	1	WNW	1	NW	0-1	Calm	0	NW	0-1	W	0-1	WNW	0-1	W	0-1	W	0-1	NW	0-1	NW	0-1	1
3	S	0	SE	0-1	SSE	0-1	SE	1	SE	1	SE	1-2	SE	2	SE	2	SE	1-2	SE	0-1	SE	0-1	SE	0	4
4	N	2-4	N	1-3	N	2-3	N	1-3	N	1-3	Calm	0	N	1-3	N	1-2	N	1-2	N	3-5	N	2-4	N	1-2	5
5	E	1-2	ESE	2-3	ESE	2-3	ESE	2	SE	2	SE	2-3	SE	1-2	SE	2-3	SSE	2	SSE	1-2	SSE	2	SSE	2	3
6	W	2	NW	1-2	WSW	2	SSW	2	W	2-4	W	2-3	W	1-2	W	0-1	W	1-2	WNW	2	NW	1-2	WNW	1	9
7	SE	5-7	SE	9	ESE	10-11	ESE	9-10	ESE	5-9	ESE	6-7	E	1-4	ENE	1-2	N	0-2	NNE	0-2	NE	1-3	N	2-4	11
8	N	1-3	NE	1-3	Var.	1-4	NE	1-4	NNW	1-3	N	1-4	W	2-4	W	2-3	W	2-4	W	1-2	W	1-2	WSW	2-3	5
9	SE	3-4	SE	4	SSE	2-3	SSE	2-3	SE	3	SSE	5	SSE	5-6	SE	6	SE	6-7	SE	6-7	SE	7	SE	5-6	7
10	SW	2	SSW	2	S	2	S	2	SSE	4	S	4	S	3-4	SSE	3-4	SE	3-4	SSE	4	S	3	S	2-3	4
11	W	0-1	SW	1-2	SW	1	SW	1-2	Calm	0	WSW	0-1	SW	0-1	SSW	1	S	1	S	1-2	S	1-2	Calm	0	2
12	SE	0-1	SE	0-1	ESE	0-1	Calm	0	E	1	E	1-2	E	1	E	0-1	ENE	0-1	ENE	0-1	NE	1-2	NE	1-2	5
13	N	0-2	NNW	1-2	N	1-2	Var.	1-2	N	1-3	N	1-2	NE	2-3	N	1-2	NE	2-3	ESE	0-1	E	1	ESE	1-2	3
14	S	1-2	S	2	SSE	2	S	1-2	SW	0-1	SSE	2	SSE	2	S	1-2	S	2	S	2	S	2	S	2	3
15	SSE	3	S	3	S	3	S	3-4	SE	4	SE	3-4	SE	3-4	SE	3-4	SE	3-4	SE	4-5	SE	4-5	SE	5-6	7
16	WSW	1	SW	2-3	SW	2	SW	2	S	2-3	SSE	2	S	2	SSW	1-2	S	2	SSE	2-3	S	2	S	1-2	3
17	S	1	SSE	1	SSE	1	S	1	Calm	0	S	0	Calm	0	Calm	0	Calm	0	Calm	0	S	0-1	Calm	0	2
18	S	2	S	2	SSE	3	SSE	3	SSE	3-4	SE	4	SE	4-5	SE	5	SE	5	SE	5-6	ESE	4-5	SE	5	9
19	SE	4-5	ESE	4-6	ESE	5	ESE	4-6	ESE	5-6	E	5	E	4-5	E	3-5	ESE	4-5	E	1-4	E	2-4	E	3-4	9
20	E	3-7	E	4-6	ENE	2-6	E	2-6	ENE	2-5	E	2-6	E	3-5	E	3-6	ESE	6-8	E	4-8	ESE	6-8	ESE	6-8	8
21	ENE	3-4	E	2-6	E	2-4	E	2-5	E	2-4	ENE	2-4	E	2-4	E	2-4	E	1-4	ENE	2-3	E	2-4	E	2-4	6
22	NE	2-4	ENE	1-3	NE	1-3	NE	1-3	E	2-3	NE	1-3	NE	2-4	NE	2-4	NE	2-4	NE	1-4	NE	1-4	NE	2-4	4
23	NNE	3-4	NE	2-3	NE	1-3	ENE	1-3	NE	1-2	ENE	2	NE	1-2	E	1-3	ENE	2-3	E	2-3	E	1	E	0-1	4
24	NW	0-1	S	0-1	Calm	0	S	0	S	0-1	S	0-1	S	1	S	1	S	1	S	1	S	1-2	S	1-2	2
25	SE	2	SE	2	SE	1	SE	1	SE	0-1	SE	0-1	Calm	0	Calm	0	E	0-1	E	0-1	SE	2	SE	2-3	3
26	ESE	2-3	SE	2-3	SE	3	SE	3	SE	3	SE	3	SE	3-4	SE	3-4	SE	3-4	SE	4	SE	4	SE	3-4	4
27	ESE	2-3	SE	2	SE	2-3	SE	2	SE	2	SE	1-2	N	1	E	1	ESE	1	ESE	0-1	ESE	1	ESE	0-1	3
28	NE	0-1	E	1	E	9	E	0	Calm	0	Calm	0	Calm	0	Calm	0	N	0-1	N	0-2	N	0-1	N	1-2	2
29	WSW	1-3	WSW	2-3	SW	3	SW	4	SSW	4	SSW	4	S	4-5	SW	4-5	SW	4-5	SW	3-4	SW	3-4	SW	3-5	5
30	SW	3-4	SW	4-5	SSW	4	SW	3-5	SW	4-5	SW	3-5	SW	3-5	SW	3-5	SW	2-5	SW	3-4	SW	2-5	SW	2-5	6
31	W	1-2	WNW	2-3	WNW	1-2	WNW	2-3	NW	1-2	NW	1-2	W	2	W	3	W	3	W	4	W	4	SW	4	6
MEAN		2·19		2·48		2·37		2·39		2·35		2·39		2·35		2·27		2·47		2·40		2·47		2·42	

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Force.
1	NNE	0-1	Var.	0-1	NNE	0	NE	1	ENE	0-1	E	0-1	ENE	0-1	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	1·3
2	Calm	0	Calm	0	WNW	0-1	Calm	0	NW	0-1	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	SW	0	S	0-1	0·4
3	SE	0-1	Calm	0	E	0-1	N	1	N	2-3	N	0-2	N	0-1	N	1-2	N	1-2	NNE	2	N	3-4	N	2-3	1·2
4	N	2-3	N	2-3	N	0-1	Var.	0-1	N	1-3	N	3-4	N	2-3	N	3-4	Calm	0	N	0-1	N	1-2	NE	0-1	1·9
5	SSE	1	SSE	1	S	1	S	1	S	0-1	S	1-2	SSW	0-1	SW	1-2	SW	1-2	WSW	1-2	WSW	1	SSW	1	1·6
6	WNW	0-1	W	1-2	W	2	W	1-2	WSW	2-3	WSW	1-2	WSW	2-3	S	2-3	S	2-3	SE	3-4	SE	5	SE	7-9	2·3
7	N	1-2	NE	2-3	N	1-3	NE	1-3	N	2-4	ENE	1-4	Var.	2-4	Var.	1-3	NE	1-3	NE	1	Var.	1-2	NE	2-3	3·5
8	SW	3-4	SW	2-3	SW	1-2	SSW	2-3	SSW	2-3	SSW	3-5	SSW	3-4	SSW	3	S	2-3	SSE	4	SE	4-5	SSE	3-4	2·7
9	SE	5	SE	1	N	0-1	N	1-2	N	4	N	3-4	N	3-4	N	1-2	N	1	WNW	1-2	WNW	0-1	W	1-2	3·4
10	S	2-3	S	1	S	1	SSW	1	S	1-2	SW	1	SW	1	SW	0-1	SW	1	SSW	1-2	SW	1-2	SW	1-2	2·1
11	SSW	0-1	S	0-1	SSW	0	WSW	0-1	SW	0-1	Calm	0	SSW	0-1	S	0-1	SSE	0-1	SE	0-1	SE	0-1	SE	1	0·7
12	NE	0-1	W	0-1	N	0	N	2	N	4-5	N	3-5	N	3-5	NE	1-2	N	1-2	N	1-2	N	1-2	Var.	0-1	1·3
13	E	1	E	0-1	E	1	Calm	0	Calm	0	Calm	0	SSE	0-1	SE	1	SE	1	SSE	1-2	SE	2	S	2	1·2
14	S	1-2	S	2	S	2	S	1-2	S	2	S	1	S	2	S	2	SSE	3	S	3	S	3	SSE	2-3	1·9
15	SE	6-7	SSE	5	SSW	3-5	S	4	S	3	SSW	3	SW	3	SW	2-3	SW	2	WSW	1-2	SW	2-3	SW	2	3·5
16	S	1-2	S	1-2	S	2	SSE	1-2	S	2	S	1-2	SSE	2	SSE	2	SE	2-3	SE	3	SE	2	SSE	2	2·0
17	SE	1	SSE	1	S	0	SE	1	SE	1	SE	1-2	SE	1	SSE	1	SSE	1-2	S	1	SSE	2	S	1-2	0·8
18	SE	5-6	SE	3-4	SE	4	ESE	6	SE	8	ESE	8	ESE	7-8	ESE	8	ESE	8-9	ESE	6-8	ESE	6-7	ESE	5-6	5·2
19	E	3-4	ESE	5	ESE	4-6	SE	4-6	E	4-6	E	4-6	E	5-9	ESE	3-7	E	3-7	E	4-7	ESE	4-7	E	5-7	4·8
20	ESE	6-8	E	5-6	ESE	4-7	ESE	4-6	E	4-7	ENE	3-6	E	3-7	E	4-7	E	3-7	NE	1-5	ENE	2-4	ENE	2-5	5·0
21	E	2-4	E	1-3	E	1-3	E	2-4	E	1-3	E	3-4	E	3-4	ENE	2-4	ENE	1-4	ENE	3-4	E	3-5	ENE	1-3	3·0
22	NNE	2-4	NNE	2-3	NNE	2-3	NNE	2-3	NNE	2-3	NE	2-3	N	2-3	N	2	NNE	3	NNE	3-4	NNE	3-4	NNE	2-4	2·6
23	E	0	E	1	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	SE	0	1·0
24	S	1-2	SE	2	SSE	1-2	SE	2	SE	2	SE	1	SE	0-1	SE	1	SE	1-2	ESE	1-2	SE	2	SE	2	1·1
25	SE	3	SE	2	SE	1-2	SE	2	SE	3	SE	2-3	SE	3	ESE	2-3	ESE	2-3	SE	3	SE	3	ESE	2-3	1·8
26	SE	3-4	ESE	3	SE	2	SE	2-3	SE	2	SE	1-2	SE	3	ESE	3	SE	3	E	3	ESE	2-3	SE	2-3	2·9
27	NNE	0-1	ENE	1	Var.	0-1	NE	0-1	E	1	E	0-1	NE	0-1	N	0-1	NE	1-2	NE	1	NNE	1	NE	0-1	1·1
28	N	1-2	N	1	NW	1	NW	1-2	SW	0-1	SW	0-1	SW	1	SW	1	SW	1-2	SW	2	SW	2	SSW	2	0·9
29	SW	3-5	SSW	3-4	SSW	3	WSW	3	SW	3-4	SW	3-4	SW	3-4	WSW	2-3	SW	4	WSW	5	WSW	3	SSW	3	3·6
30	SW	4-6	SW	5-6	SW	2-5	WSW	2	SW	1	NW	1	NW	1	NNW	1	NW	1-2	WNW	2	NW	0-1	NW	1-2	3·0
31	W	3-4	WSW	3	W	3	W	2	SW	2-5	SW	2-5	SW	3-4	SW	1-4	SW	2-3	SSW	1-4	SW	1-3	SSW	6	2·9
MEAN		2·40		2·06		1·73		1·92		2·32		2·18		2·32		2·06		2·13		2·26		2·29		2·35	2·27

N 70. NNE 19. NE 42. ENE 23. E 70. ESE 47. SE 120. SSE 42. S 79. SSW 27. SW 68. WSW 19. W 30. WNW 12. NW 18. NNW 3. Calm or Var. 55.

WIND. DIRECTION AND FORCE (0 to 12). NOVEMBER 1889.

	1		2		3		4		5		6		7		8		9		10		11		12		Max.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	SW	5	S	5-7	SSE	6-8	SSE	6-8	SE	7-9	SE	8	SE	9-10	SE	10	SE	7-9	SE	8	SE	4	Calm	0	10
2	NE	2-5	NE	3-5	NNE	3-6	NE	2-4	NE	3-4	NE	2-4	NE	3-4	NE	3-4	NE	3-4	NE	3-4	NE	3-5	NE	4-5	6
3	WNW	2	W	2	W	1-2	SW	2	SSW	3	SW	3	S	3	S	3	SSE	3	SSW	2	S	2	SSW	2	3
4	N	2	Var.	1	N	1	N	1-2	N	1-2	N	2	N	1-2	N	1-2	N	2	N	2	N	1-2	Calm	0	3
5	SW	2-3	SSW	2-3	SSW	2-3	SW	2-3	SW	3-4	SW	3-4	SW	3-4	S	3-4	S	2-3	S	4	SW	2-3	SSW	2-3	4
6	N	2	N	2	N	1-2	N	1-3	N	1-2	N	3	N	2-3	NNW	2-3	W	3	WSW	2-3	W	1-2	SW	2-3	4
7	NW	2-3	NW	2	WNW	2-3	W	3	W	3-4	W	2-3	W	3-4	SW	2-3	SW	3-4	SW	3-4	W	2-3	W	4	4
8	N	2-3	N	2-4	N	1-3	N	1-3	Var.	0-1	SW	1-2	NNW	3-4	N	2-3	N	2-3	N	2-3	W	0-1	N	1	4
9	NNW	1-2	NNW	1-2	NNW	1-2	NNW	1-2	N	2-3	N	1-3	N	0-2	N	2	NW	2-3	NNW	4	NNW	3-4	NW	3	5
10	NW	3	NNW	3	NNW	5	N	5	N	3-4	N	3	NNW	4	NNW	1-2	NNW	4	NW	2-3	NNW	0-1	NW	4	5
11	NW	2	NW	2-3	NW	3	NW	3	NW	2-3	NW	2-3	W	2-3	W	2	W	2-3	W	2-3	W	2-3	W	2	4
12	SSW	4-5	SW	3-5	SSW	3-5	SSW	4	SW	4-5	SSW	3-4	WSW	3-5	W	3-5	W	3-5	SSW	4-5	SSW	4-5	SSW	3-5	5
13	W	1	W	0-1	W	0-1	W	1	S	1-2	SW	0-1	S	1	SE	1	SSE	1	SSE	2	SSE	2	SW	2	3
14	S	1	Calm	0	W	1	N	0-1	N	2	N	2	N	3	N	2	N	1	W	1-2	SW	2-3	SW	1-2	4
15	SW	2	SSW	3	S	3	S	3	SW	2-3	SW	3-4	S	3-4	S	4	S	4	SW	4-5	SSW	5-6	SW	6	6
16	N	1-2	NE	0-1	NE	0-2	ENE	2-3	N	3	N	3-4	Var.	0-1	Var.	0-1	NNE	2	N	2	N	0-1	N	0-1	4
17	SSW	4	S	3	SW	3	SW	3-4	WSW	3	WSW	4	WSW	4	SW	4	SW	5	SW	5	SW	4-5	SW	5	5
18	SW	2	SW	3	SW	2-3	SW	2-3	SW	3	SW	3	SW	2	W	0-1	S	1-2	S	2	S	2	WSW	3-4	4
19	SW	1-2	SW	3	SW	1-2	SW	2-3	SW	3-4	SW	4	SW	4	SW	3-4	W	2-4	SSW	5	SW	4-5	SSW	5	5
20	SW	3	SW	3	SW	2	SW	2	S	3	S	3	SSW	3	SSW	3	SW	2-3	SSW	2	SSW	2	SSW	2	4
21	SSW	3-4	SSW	1-3	SSW	3	SW	3	SW	2-4	SSW	3-5	SSW	3-5	S	4-5	S	5	SSW	3-4	SW	2-4	S	3-4	6
22	SW	4-6	SW	6-7	SW	6-8	SW	5-8	SW	2-6	NW	2-4	NW	2-4	WSW	3-4	WSW	3-5	WSW	2-3	SW	2-3	WSW	2	8
23	WNW	0-2	WNW	1-2	WNW	1-2	NW	0-2	NNW	2-3	W	2-4	NNW	1-2	N	2	N	1-3	NW	1-2	W	3	W	1-2	5
24	SW	5	SW	4-5	WSW	4	SW	4-5	SW	5	SW	5	SW	4	SW	4	SW	4-5	W	3-4	W	4	SW	4-5	5
25	NNE	2-4	NNE	2-3	NNE	0-2	NE	1-3	N	2-4	N	4	N	4	N	4	SE	2-4	E	2-3	N	1-3	N	2-4	6
26	N	1	NNE	2-4	NE	1-3	NNE	3-5	N	4-5	N	5	N	3-4	N	3-4	N	2-4	NNE	2-3	N	3	N	3	5
27	N	1-4	N	1-4	NE	1-3	NNE	2-4	NE	1-2	NE	2-3	N	1-3	N	0-1	E	2-3	NE	3-4	NE	1-3	NE	1-3	4
28	NNE	1-2	NNE	1-2	NNE	2-3	N	1-3	NNE	2-3	N	4-5	N	5	N	4-5	N	4	N	5	N	4-5	N	5	5
29	NNE	2	NNE	1	NNE	1-2	N	1-2	N	1-2	NNW	2	NW	3	NW	2	NW	2	NW	2	W	2	WSW	2	4
30	SE	3	SSE	2	SSE	2	SE	3	SE	3	SE	3	SE	3	SE	3	SE	3-4	SE	4	SE	4-5	SE	4-5	5
MEAN		2·55		2·55		2·57		2·82		3·00		3·23		3·20		2·95		3·15		3·20		2·78		2·87	

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Force.
1	N	2	N	4-5	NNE	1-6	NNE	6-7	N	4-7	N	5-8	NNW	2-5	NNE	2-6	N	1-5	NE	2-5	NE	2-5	NNE	4-8	5·5
2	N	3-5	NE	1-4	ENE	2-4	NE	1-3	NE	2-4	NE	2-3	N	1-3	N	2-3	NNE	1	NW	2	W	1	WNW	2	3·0
3	SSW	2	WSW	1	NNW	1	NNW	1-2	N	1-2	N	1-2	N	1-2	N	1	N	1-2	N	2	N	2	N	1-2	1·9
4	W	0-1	WNW	1	WNW	1	W	1	WSW	1-2	W	1-2	W	1	SW	1	SW	2-3	SW	2	SW	3	SW	2-3	1·5
5	SSW	3	SW	2-3	W	1-2	W	2-3	W	3-4	W	0-1	S	2	Var.	1	Var.	0-1	Calm	0	NE	1	Var.	1	2·3
6	SW	2-3	SSW	2	SW	3	SW	3	W	3-4	W	4	W	4	W	2-3	W	3-4	N	2-3	NNW	3	NNW	3-4	2·6
7	NW	1-2	NNW	2	NNW	2	N	3	N	4	N	3-4	N	2-3	NE	1-3	N	2-3	N	1-3	NNW	1-3	N	1-3	2·7
8	W	1	WNW	2	W	2	W	2-3	W	1-2	N	1	N	2-3	N	2	N	1-3	N	1-2	NW	1	NNW	1-2	1·9
9	NNW	0-2	WNW	1-2	NW	2	NW	2	W	4	W	3	W	4-5	NW	3-4	NW	3	NW	3-4	NW	4	NW	2-4	2·6
10	NW	4	NW	3	W	3	W	3	W	5	W	5	W	5	W	3-4	W	4	WNW	3-4	NW	3	NNW	2	3·5
11	W	2	WSW	1-2	SW	1-2	SW	2	SW	1-2	SW	2	SSW	1-2	SW	2	SW	2	SSW	3-4	SSW	4	SSW	4	2·4
12	SW	2-4	W	3	WSW	2	WSW	2	W	2-4	W	2-3	SSW	2	WNW	1	WNW	0-1	WNW	1	NW	0	W	1	2·9
13	SE	2	SSE	2	SE	2	SE	2	SE	3	SE	3	SE	0-1	SSE	1	SE	2	SSE	2	SSE	2	S	1-2	1·5
14	SW	3	SSW	2	S	1-2	SW	2	SW	3-4	SSW	2-3	SSW	3-4	WSW	1-2	WSW	2-3	W	1-2	SW	2	SW	1-2	1·9
15	SW	5	SW	3-5	SW	4-5	SW	4-5	SW	4-5	SW	3-5	SW	4-5	SW	3-5	WSW	2-5	WSW	3-4	W	1-4	Var.	0-2	3·8
16	W	0-1	W	0-1	Var.	0-1	SW	1	SW	2	SW	3	SSW	3	SSW	2	SW	2	SW	3	SSW	3	SSW	4	1·8
17	SW	5	WSW	3	WSW	2-3	SW	3	SW	4	SW	3-4	WSW	4	SW	2	W	2	SW	1	SW	1-2	SSW	2-3	3·4
18	SW	2	SW	2	SW	2-3	SW	3	S	3	SW	3	WSW	3	SW	3	SW	2	SSW	3	SW	2	SW	3	2·5
19	SW	2-4	SW	2	SW	2-3	SW	2-3	SW	3-4	SW	2-3	SW	3-4	SW	3	SW	3-4	SW	3	SSW	3-4	SW	3-4	3·2
20	S	2	SW	1	WSW	0-1	SW	1-2	SW	0-2	S	2-3	S	2-3	SW	2-3	S	2-3	S	3-4	S	3	S	4	2·4
21	SSW	3-4	S	4	SW	2	S	5	S	3	S	4	S	1-4	S	4-5	S	4-5	S	6	S	4-5	SSW	3-5	3·7
22	W	2	W	1	W	1-2	W	2	NW	2	WSW	2	SW	2-3	W	1-2	W	1-2	W	1	W	0-1	NW	1	2·8
23	WSW	3	SW	3	SW	3	SW	3	S	4	S	2-4	SW	5	S	4-5	S	4-5	SW	5	SW	4-5	SW	4-5	2·9
24	WSW	2-4	SW	3-4	SW	3	SW	3	SW	4	SW	3	W	3	W	3	W	2	NW	0-2	N	2-3	N	1	3·5
25	N	5-6	NE	1-3	NE	1-4	NE	2-4	N	3-4	N	4-5	N	5-6	N	3	N	2-3	NNE	1-3	Var.	0-1	NE	0-2	2·9
26	N	4	N	3-4	N	2-4	N	3-4	NE	2-3	NE	4	N	4	NE	2-4	NNE	3-4	N	1-3	Var.	1-3	N	2-3	3·1
27	N	1-3	NNE	1-3	NNE	1-3	N	1-3	NE	0-1	E	0-1	N	2-3	Var.	0-1	N	1	NE	1-2	NNE	1-2	N	0-1	1·8
28	N	3-4	N	2-3	N	2-3	NNE	1-2	N	3	N	1-2	N	2-3	NNE	1	NNE	1-2	NNW	1	N	1	E	0-1	2·7
29	SW	3-4	SW	2-3	SW	3	S	3	S	3	SSW	2-3	SW	2	S	3	S	3	SE	2	SE	3	SE	2	2·3
30	SE	4	SSE	3	SE	4	SE	4	SE	4	SSE	4	S	4	S	3	SSW	3	SW	2-3	SW	2-3	SW	2	3·3
MEAN		2·77		2·33		2·28		2·68		3·05		2·88		3·00		2·40		2·43		2·38		2·32		2·33	2·74

N 131. NNE 29. NE 38. ENE 2. E 3. ESE 0. SE 33. SSE 14. S 54. SSW 51. SW 157. WSW 29. W 82. WNW 14. NW 38. NNW 29. Calm or Var. 16.

WIND. DIRECTION AND FORCE (0 to 12). DECEMBER 1889.

	1		2		3		4		5		6		7		8		9		10		11		12		Max.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	SW	3	SSW	3	SSW	3	SW	2-3	SW	3-4	SW	3-4	SW	4	SW	3-4	SW	4	SW	2-3	SSW	4-5	SSW	4-5	5
2	SW	5	SW	4-5	SSW	6	SSW	4-6	SSE	4-5	SW	2-4	S	4-5	SSW	3-4	S	4	SSW	3-4	SSW	4	SSW	2-4	6
3	SSE	3	SSE	5	S	4	S	2-3	SE	2-3	S	2-3	S	4	S	4	SE	3	SE	4	SSE	4-5	S	4	5
4	SSE	5	SSE	4	SE	6	SE	5	SE	4-5	SE	6	SE	5-6	SE	5-6	SE	5	SE	5-6	SSE	3-5	SE	6	6
5	SE	3	SE	3	SE	3	SE	3	SE	3	SE	3	SSE	3	SSE	2	SSE	2	SSE	3	S	3	S	4	5
6	S	2	S	3	SSW	3	SSW	3	S	4	S	4	SW	4	SSW	2-4	SSW	4	SW	4	SSW	4	SW	4-6	6
7	Var.	0-1	N	2-3	N	4	N	2-3	N	2-5	N	3-5	N	2-4	N	2-4	N	3-4	N	1-3	N	2-4	N	1-2	5
8	NNE	1-2	N	1	N	1-2	NNE	1	NNW	1	NNW	2	SW	2	SW	2	SW	3	SW	3-4	S	4-5	S	4-5	5
9	NW	1-3	NW	1-2	W	2-3	NW	1-3	N	1-4	N	0-3	N	2-5	NW	2-4	N	4	NW	2-4	N	3-6	NW	2-5	6
10	NW	1-4	NW	2-3	NW	1-3	NNW	1-3	WSW	0-3	NW	1-2	N	0-4	NNW	3	SW	3	SW	1-3	NNW	1-3	NNW	2	4
11	Var.	0-2	N	2-3	N	2-3	NE	1-3	N	2-4	Var.	0-2	N	1-3	NNE	2-4	Var.	0-2	NNE	1-4	N	2-5	E	1-3	5
12	N	1	WNW	1	WNW	1-2	WSW	2	W	2	WSW	2	WSW	2	SW	2	SSW	3-4	SSW	3	W	4	S	4-5	11
13	S	3-4	SW	3	SSW	3-5	SW	3-4	SW	3-4	WSW	3-4	WSW	3	W	2	NW	1	NW	3	N	1-2	NNW	0-1	5
14	NW	1-2	W	2	WSW	1-2	WSW	1-2	SW	1-2	SW	3	SSW	3-4	SW	3-4	SW	3-4	SW	4	SSW	4	S	5	6
15	NW	2	NW	1-2	WNW	0-2	NW	0-2	NW	0-2	NW	1-2	NNW	1	NW	0-1	WSW	3	WSW	3-4	SW	3	SW	3	6
16	SW	5-7	WSW	4-6	W	3-4	NW	1-4	NNW	3-4	NW	1-4	NNW	2-4	NNW	1-3	Var.	0-4	NNW	2-3	N	0-4	N	1-4	7
17	SW	5-7	SW	5-8	WSW	4-8	WSW	3-6	WSW	3-6	SW	3-6	W	3-6	NW	2-7	NW	0-5	NW	2-6	NW	1-5	NW	1-6	8
18	SW	4-5	SW	3-7	WSW	3-7	WSW	3-6	SW	2-6	SW	2-7	SW	4-8	SSW	4-9	WSW	3-8	WSW	4-8	NNE	1-4	NE	3-8	9
19	WSW	2-5	SW	5-6	SSW	5-7	SSW	6-9	SW	4-8	WSW	3-7	SW	2-9	WSW	3-6	NNW	2-5	NW	1-4	NW	3-7	NW	3-7	9
20	WNW	2-3	WNW	1-3	WNW	2-3	NNW	1-3	NNW	3	NW	3	NW	2-3	NW	3	W	2-3	W	2-3	W	3-4	NW	1-3	4
21	NW	1	N	0-1	N	1	NW	0-1	N	1-3	N	0-1	N	0-3	NNW	1-3	NW	1-3	NW	2	NNW	1-3	N	0-3	4
22	SE	4-5	SE	5	SE	4-5	SE	5	SE	6-7	SE	6-7	SE	7-8	SE	5-6	SE	5	SE	4	S	2-3	SSW	3	8
23	NE	1	NNE	1	NE	0-1	NW	1-2	WSW	2-3	SW	4	SW	3	SSW	4	SSW	4	S	4-5	S	5	SSE	5	7
24	SW	6-7	SW	5-6	S	6	S	5-7	WSW	0-2	NNW	2-4	N	1-4	N	3-5	N	0-5	N	1-6	N	0-3	N	1-3	7
25	N	0-2	N	1-2	N	1-3	NW	1-3	SW	3	SW	4-5	SW	3-5	SW	4-5	SW	4-5	SW	3-7	SW	4-6	SW	4-6	7
26	SSW	4	SW	4-6	SW	5-6	SW	3-4	S	5	S	3-5	S	4-5	S	5-6	SSW	4-5	SW	4	WSW	3-5	WSW	4	6
27	SE	4	SE	4	SSE	5	S	3-4	SE	5	SE	4	SE	5	SE	4	SE	3-4	SE	5	S	4-5	SE	5	8
28	SSE	6	SSE	6	S	5-6	SSE	6	SSE	6	SSE	5	S	5	SSE	5	SE	6	SE	6	SE	5	SE	4	6
29	SW	2-3	SSW	2	SW	2	SW	2	SW	1-2	SW	0-1	N	0-1	N	0-1	NNW	0-1	Calm	0	Calm	0	Calm	0	3
30	S	2	S	2	S	2	SW	2	SSW	4	SW	3	SSW	4	SSW	4	S	5	S	4-5	SW	5	SW	4-6	6
31	SW	4	SW	4-5	SW	5	SW	5	SSW	3-6	SSW	4-6	S	4-7	SSW	5-7	WSW	4-7	SW	5-8	SW	5-8	SW	5-7	8
MEAN		3·08		3·26		3·47		3·11		3·34		3·27		3·60		3·52		3·44		3·60		3·58		3·61	

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Force.
1	SSW	3-5	SSW	3-4	SSW	3-4	SW	4	S	4	S	4	S	3-5	S	4	SSW	3-4	S	3	SW	3-5	SSW	3-5	3·6
2	S	4	S	3	S	4	S	3-4	SE	4	S	4	SE	4	SSE	3	SSE	3-4	S	3	S	3	S	3	3·9
3	S	4-5	S	3	SSE	3	S	5	S	3-4	SSE	4	SE	4	SSE	4	SSE	4	SSE	4	SSE	4	SSE	5	3·8
4	SE	6	SE	5	SE	4	SE	4	SSE	5-6	SE	5-6	SE	6	SE	3-4	SE	3-4	SE	4	SE	3-4	SE	3	4·8
5	S	4	S	5	SSW	4	SSW	4	SSW	4	SSW	4-5	S	4-5	SSW	5	S	4-5	SSW	4	S	3	S	3	3·5
6	SW	4-5	SW	3-4	SW	3-4	SSW	3-5	WSW	2-4	SW	2-4	SSW	4	SW	3-4	SW	3	NNW	0-2	N	1-2	Var.	0-1	3·3
7	N	2-3	N	2-3	N	1-2	N	1-2	NNW	2	Calm	0	N	0-3	N	1-2	N	2	N	1	N	1-2	NNE	1-2	2·2
8	S	4	S	5	SSW	4	SW	3-4	SW	4	W	4-5	N	1-4	NNW	1-3	NNW	1-3	NW	1-3	N	1-3	NW	2-3	2·7
9	NW	1-4	NW	1-3	NW	1-2	NW	1-2	NW	3-4	W	2-4	NW	1-3	NW	2	WNW	2-3	NW	1-3	NW	1-3	WNW	1-3	2·5
10	NNW	1-2	NNW	1-3	N	2-3	N	2-3	N	1-4	N	1-4	N	2-4	N	2-3	N	2	N	2-3	NNE	3	NNE	3-4	2·3
11	E	2-4	N	1-3	N	2-3	N	2	N	2-3	N	2	N	1-2	N	1	NNW	1-2	NNW	1-2	NW	2	NNW	2	2·1
12	SSE	4-5	S	4-5	S	4	S	4-5	SSE	6-8	SE	8-9	SE	10-11	SE	9-10	SSE	10-11	S	10	S	9-11	S	8	5·0
13	NNW	2	N	1	NNW	1-2	NW	0-1	N	1-2	NNW	3	Calm	0	W	1-2	W	2	W	1	W	1	W	1	2·0
14	SSW	5	SW	5	SSW	4-5	SSW	4-5	S	4-6	S	4-5	S	4-5	SSW	4-5	SW	2-4	WSW	2-4	WNW	1-3	NW	2	3·4
15	SSW	4	SW	3	SW	2-3	SW	3-4	SSW	5-6	SSW	3-5	S	4-5	S	5	SSW	4-6	SSW	3-5	SW	3-5	SW	5-6	3·0
16	S	1-4	WNW	2	WNW	2-3	W	3	SW	4-5	SW	3-5	S	4-5	SSW	3-4	S	4-5	SSW	5-7	SSW	6-7	SSW	5-6	3·6
17	NNW	2-7	W	3-5	WNW	1-4	NW	2-3	NNW	1-4	WSW	3-4	NW	1-4	W	3	W	3-4	SW	4	WSW	3-4	WSW	3	3·9
18	N	3-6	N	4	N	4-5	N	1-3	N	1-4	NNW	0-3	NW	1-4	WNW	3-4	NW	3-4	WNW	2-4	WSW	2-4	W	2-4	4·0
19	NW	1-3	W	2-5	SW	3	SW	3	SW	4	SW	1-3	WSW	1-2	WSW	1-2	WSW	1-2	W	1-2	W	2	NW	3	3·7
20	WSW	1-3	W	1-3	W	2	WSW	2-3	NNW	0-2	WSW	1-4	NNW	0-2	NW	0-2	Var.	0-1	NW	0-1	WNW	1	WNW	1	2·0
21	N	2-4	N	2-3	N	2	N	2-3	N	2	N	1	N	0-1	Calm	0	SE	1	SE	2	SE	3	SE	4	1·7
22	WSW	3	W	1-2	NW	1-2	NW	2	WNW	2	NNW	0-2	N	0-2	N	2	N	1	N	1	N	1	NE	1-2	3·2
23	S	4-5	S	3	SSW	3	SSW	3	SSE	5	S	6	SSE	4-5	S	4	S	4-6	S	6	SSW	5-7	SSW	4-6	3·8
24	NNW	1-4	N	1-3	N	0-2	N	0-2	N	1-3	N	1-4	NNE	0-3	NE	0-2	N	0-2	N	0-2	N	1-3	NNE	1-3	2·6
25	SW	5-7	WSW	4-6	WSW	3-6	SW	3-4	S	2-6	S	2-6	S	4	SSW	3-5	SSW	3-6	SW	3-5	SW	4-5	SW	1-4	3·9
26	SW	4	SW	4	SW	3-4	SW	3	SW	4	SW	4	SW	4	SW	3	SW	3-4	SSW	4	SSW	4	S	3	4·1
27	SE	2-5	SE	4-5	SE	4	SE	5	SE	5	SE	6-7	SE	7-8	SSE	5	SE	4	SE	5	S	5	SSE	5-6	4·7
28	SE	4	SE	4	SE	2	SSE	2-3	S	3	S	3	SSW	4	SSW	3	SSW	3	SW	3	SW	2	SW	2	4·2
29	N	0-1	W	0	SSW	0	Calm	0	Calm	0	Calm	0	S	0-1	S	0-1	S	0-1	S	1	SSW	0-1	SSW	1-2	0·7
30	S	5	SSW	3	SSW	4-5	S	4	SSW	4-5	SSW	4-5	SSW	4-5	SW	4-5	SW	4-5	SW	3-5	SW	4	SSW	3-5	3·9
31	WSW	5-7	SW	4-7	NW	2-3	N	2	NW	1-3	NNW	2	NW	1-3	NW	1-3	N	1-2	NW	0-2	WNW	1	NW	1	3·9
MEAN		3·66		3·24		2·89		2·90		3·40		3·39		3·31		3·03		3·08		3·00		3·08		3·03	3·29

N 102. NNE 11. NE 6. ENE 0. E 2. ESE 0. SE 74. SSE 37. S 96. SSW 82. SW 121. WSW 42. W 29. WNW 18. NW 69. NNW 39. Calm or Var. 16.

CLOUD. AMOUNT OF CLOUD (0–10). JANUARY 1889.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
1	=	=	=	=	=	=	0	0	0	=	0	=	=	=	0	=	=	0	0	0	0	0	0	0	5
2	0	0	0	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	9
3	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
4	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
5	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
6	=	=	=	=	=	=	=	9	=	=	=	=	=	=	=	10	9	=	=	=	=	=	=	=	10
7	=	=	=	=	=	1	1	5	7	10	10	10	=	=	=	=	=	=	=	=	=	=	=	=	9
8	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
9	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
10	=	=	=	0	=	=	=	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	=	3
11	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
12	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	0	=	=	=	=	=	=	=	=	10
13	=	=	=	1	0	0	0	8	8	10	10	10	10	=	=	10	10	10	=	=	=	=	=	=	8
14	=	=	7	9	3	=	10	=	=	=	=	9	10	10	=	=	=	10	=	=	=	=	=	=	10
15	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
16	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
17	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
18	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10	10	=	10
19	=	=	=	=	=	=	=	=	=	=	=	=	9	=	=	=	=	=	=	=	=	=	=	=	10
20	3	9	=	=	=	=	6	=	=	9	=	=	=	=	=	=	=	=	=	=	=	=	=	=	9
21	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	1	0	0	0	0	2	0	0	7
22	0	0	0	2	9	=	=	=	=	=	5	4	1	0	0	0	0	0	0	0	0	0	0	0	3
23	0	0	0	0	0	=	0	=	9	10	1	7	10	=	=	=	=	=	=	=	=	=	=	=	7
24	=	=	=	=	=	=	=	=	=	=	7	5	=	=	=	=	=	=	=	=	=	=	=	=	10
25	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
26	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10	9	8	10	=	=	=	=	0	=	9
27	0	0	0	0	0	0	0	2	1	2	4	1	8	7	=	10	=	=	=	=	=	=	=	=	5
28	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
29	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10	=	10	=	=	=	=	=	=	=	10
30	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
31	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
MEAN.	8·5	8·7	8·6	8·5	8·8	9·1	8·3	8·8	8·9	9·4	8·6	8·9	9·3	9·3	9·0	9·0	9·0	8·7	8·7	8·7	8·7	8·8	8·4	9·0	8·8

CLOUD. FEBRUARY 1889.

1	=	=	8	10	10	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
2	=	=	10	=	=	=	10	10	=	=	=	=	10	=	=	=	=	=	=	=	=	=	=	=	10
3	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
4	0	=	=	=	=	=	=	10	=	7	10	=	=	10	6	2	10	10	10	=	10	=	=	=	9
5	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10	=	=	10	10	=	10	=	10	10
6	10	=	10	=	=	=	=	=	=	10	=	=	=	=	=	10	10	10	10	10	10	=	=	=	10
7	10	=	=	=	=	=	=	10	10	10	10	10	=	=	10	=	=	=	=	=	=	=	=	=	10
8	=	=	=	=	=	=	=	=	=	=	10	10	=	=	=	=	=	=	=	=	=	=	=	=	10
9	=	=	=	=	=	=	=	=	=	=	=	3	10	=	=	=	=	10	=	=	=	=	=	10	10
10	8	10	=	=	=	0	10	10	10	10	10	10	10	10	9	4	9	5	6	4	8	0	3	6	8
11	3	=	=	=	7	=	=	=	=	=	=	=	=	=	10	=	=	10	10	3	10	=	=	=	9
12	=	=	=	=	=	1	9	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
13	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
14	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
15	=	=	=	=	=	8	=	=	=	=	4	=	=	9	=	=	10	=	=	10	10	10	10	10	10
16	10	10	=	10	10	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
17	=	=	1	1	9	10	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	9
18	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
19	=	=	=	=	=	=	=	=	=	=	=	10	=	10	=	=	=	=	=	=	=	=	=	=	10
20	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
21	=	=	=	2	1	=	9	10	=	9	10	5	10	10	10	9	9	8	10	3	9	9	10	10	8
22	10	10	10	10	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
23	=	=	0	0	0	0	0	0	0	=	=	0	0	6	=	0	5	0	=	10	10	10	=	=	5
24	=	=	=	=	=	=	=	=	=	=	4	4	5	7	5	8	2	7	0	0	4	0	5	7	7
25	8	10	10	10	10	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	4	10
26	8	10	=	=	=	=	=	=	=	10	9	6	10	8	10	10	10	10	10	10	=	=	=	=	10
27	=	=	=	10	8	9	2	3	4	2	5	8	7	6	6	6	8	9	=	=	10	9	10	=	8
28	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
MEAN.	9·2	10·0	9·2	9·0	9·1	8·9	9·3	9·4	9·4	9·5	9·4	8·8	9·4	9·5	9·5	8·9	9·4	9·2	9·5	8·9	9·7	9·2	9·6	9·5	9·3

CLOUD. AMOUNT OF CLOUD (0–10). MARCH 1889.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
1	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	10	≡	0	0	9
2	10	9	10	10	0	2	7	5	0	0	0	≡	≡	≡	10	5	≡	≡	≡	≡	≡	≡	≡	≡	7
3	≡	≡	≡	≡	≡	≡	1	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
4	≡	≡	≡	0	0	≡	5	5	7	≡	≡	≡	≡	3	3	8	10	≡	9	≡	≡	≡	≡	≡	8
5	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
6	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
7	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
8	≡	≡	0	≡	0	≡	0	≡	≡	≡	≡	≡	≡	≡	≡	9	≡	10	2	≡	≡	≡	10	≡	8
9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	7	≡	≡	≡	8	≡	≡	2	9
11	8	0	7	0	10	10	9	10	10	8	5	6	0	4	8	≡	≡	≡	≡	≡	≡	≡	≡	≡	8
12	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
13	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	3	≡	≡	≡	≡	≡	≡	2	9
14	5	10	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
15	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	2	8	8	≡	≡	9
16	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	10
17	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
18	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	≡	≡	≡	≡	≡	≡	10
19	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
20	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	≡	≡	≡	≡	10
21	≡	≡	≡	≡	10	≡	9	10	10	8	5	7	10	10	10	10	10	10	10	10	10	10	≡	≡	10
22	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
23	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
24	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
25	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
26	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	7	≡	≡	5	0	0	10	0	8
27	0	0	0	0	5	2	3	1	3	7	6	3	4	4	5	10	9	9	10	10	10	10	10	10	5
28	≡	≡	≡	≡	≡	≡	7	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	10
29	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
30	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
31	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	10	≡	10
MEAN.	9·5	9·3	9·3	9·0	8·9	9·5	8·7	9·4	9·4	9·5	9·2	9·5	9·5	9·4	9·5	9·7	9·5	10·0	9·4	9·6	9·5	9·6	9·7	8·8	9·4

CLOUD. APRIL 1889.

1	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	10
2	10	≡	≡	10	10	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	10
3	10	10	10	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
4	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	10
5	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	10
6	≡	≡	6	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8	≡	≡	≡	≡	≡	10
7	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
8	≡	≡	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
9	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	10	10	2	≡	≡	10	≡	≡	10	10	10	10	10	10	10
10	10	≡	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	10	≡	10	10	10
11	10	≡	≡	≡	9	7	9	1	0	2	5	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8
12	≡	≡	≡	≡	≡	≡	9	10	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	5	≡	≡	10
13	8	8	9	9	≡	≡	9	≡	≡	10	≡	≡	10	≡	10	10	10	≡	≡	≡	≡	≡	≡	≡	10
14	8	≡	≡	≡	≡	7	1	2	2	1	2	1	7	8	9	9	10	10	≡	≡	≡	≡	≡	≡	7
15	≡	≡	≡	≡	10	≡	≡	9	1	7	≡	9	7	9	10	10	10	10	≡	0	≡	≡	≡	≡	9
16	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
17	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	10	6	1	0	0	0	0	0	0	0	0	0	0	6
18	0	0	0	0	0	0	1	1	3	4	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	6
19	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
20	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
21	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
22	≡	≡	≡	≡	≡	8	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	7	10	10	9	10	10	10	≡	10
23	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	7	≡	≡	≡	≡	≡	≡	10
24	≡	0	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
25	≡	≡	≡	≡	6	1	2	0	3	3	0	0	9	8	9	≡	9	7	≡	≡	≡	≡	≡	≡	7
26	≡	≡	≡	≡	≡	8	1	2	6	9	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9
27	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	7	7	6	8	2	4	3	3	9	9	8	≡	≡	1	8
28	0	≡	0	0	4	5	≡	≡	≡	10	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8
29	≡	≡	≡	9	≡	≡	≡	≡	≡	≡	≡	9	8	10	10	10	≡	8	10	10	9	7	0	≡	9
30	≡	≡	≡	≡	9	≡	≡	≡	≡	7	9	6	7	6	5	10	9	9	≡	≡	≡	≡	≡	≡	8
MEAN.	9·2	9·3	9·2	9·3	9·3	8·9	8·7	8·5	8·5	8·8	9·1	9·1	9·1	9·3	9·2	9·6	9·3	9·1	9·6	9·3	9·6	9·4	9·3	9·4	9·2

CLOUD. AMOUNT OF CLOUD (0–10). MAY 1889.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
1	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	3	≡	≡	10	10	≡	10	9	≡	≡	≡	10
2	0	≡	≡	≡	6	7	≡	≡	≡	≡	≡	10	10	5	10	9	≡	10	≡	≡	≡	≡	≡	≡	9
3	0	2	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9
4	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	10	≡	≡	≡	≡	≡	≡	≡	10
5	≡	≡	≡	≡	≡	≡	10	10	≡	10	10	10	≡	8	9	10	8	1	3	3	3	1	0	2	7
6	0	0	1	5	3	4	8	4	6	2	1	0	2	2	0	3	6	9	10	≡	≡	≡	8	7	5
7	7	≡	8	2	2	≡	≡	≡	5	≡	10	0	≡	10	≡	6	≡	≡	≡	≡	≡	10	≡	≡	9
8	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	9	10	9	10	≡	≡	≡	≡	10
9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	10	10	10	10
10	4	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
11	≡	10	10	10	10	10	10	≡	10	9	9	7	10	10	10	10	10	10	9	5	≡	6	8	3	9
12	1	0	0	≡	10	≡	≡	5	5	9	8	9	10	8	8	10	9	6	10	9	2	4	2	1	6
13	1	1	0	1	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	0	1	3	6	2	1
14	0	0	0	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9
15	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	≡	≡	≡	9	10	≡	≡	10	≡	10
16	≡	≡	≡	9	9	9	10	≡	≡	8	9	9	10	10	9	10	10	10	10	8	10	2	≡	10	9
17	10	≡	10	10	≡	10	≡	≡	≡	≡	≡	10	8	10	10	10	8	5	3	7	8	10	≡	≡	9
18	10	10	≡	≡	≡	≡	≡	≡	9	≡	≡	≡	≡	9	8	0	0	0	0	1	10	0	10	10	7
19	≡	≡	≡	≡	≡	≡	10	2	10	9	9	10	7	7	10	≡	≡	≡	10	10	10	10	≡	≡	9
20	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	10	10	10	10	≡	≡	≡	≡	≡	≡	10
21	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	10	10	10	9	8	8	5	8	≡	≡	≡	9
22	≡	≡	≡	≡	9	6	10	9	9	10	9	9	10	9	10	5	5	10	≡	≡	≡	≡	≡	≡	9
23	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	4	≡	≡	≡	≡	≡	2	9
24	0	8	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	8	9
25	10	0	0	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	8	9	0	0	0	0	0	8
26	0	1	1	8	9	6	3	2	6	6	3	6	4	9	9	10	9	10	10	9	9	4	0	0	6
27	0	0	0	0	0	1	7	6	4	6	5	7	4	3	9	5	9	10	0	8	10	2	3	10	5
28	10	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
29	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	7	5	≡	≡	7	≡	≡	8	≡	≡	9	9	10	2	9
30	0	≡	0	3	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8	9	8	≡	10	≡	0	≡	≡	≡	9
31	9	≡	≡	≡	≡	≡	≡	≡	≡	≡	8	8	≡	≡	≡	≡	10	6	≡	≡	≡	≡	≡	≡	10
MEAN.	6·5	7·5	7·4	8·3	8·6	8·8	9·3	8·6	8·9	9·0	8·7	8·4	8·9	8·5	8·9	8·6	8·7	8·3	8·5	8·2	8·4	7·8	8·0	7·6	8·4

CLOUD. JUNE 1889.

1	≡	≡	≡	≡	≡	10	10	10	≡	10	≡	≡	≡	10	10	10	10	10	9	6	7	7	8	10	9
2	10	9	9	10	6	10	≡	≡	6	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
3	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	0	0	2	0	6	≡	≡	≡	8
4	10	8	0	0	0	0	0	10	≡	10	10	10	10	10	9	5	3	3	2	0	9	3	5	0	5
5	6	6	7	2	2	1	1	2	2	2	1	1	1	1	0	2	1	2	2	4	6	9	6	4	3
6	7	7	6	4	7	4	4	1	2	2	1	0	0	0	0	0	1	0	0	2	0	0	0	10	2
7	0	0	0	≡	≡	≡	0	2	0	2	2	0	2	4	1	2	5	5	0	0	1	0	1	10	3
8	10	≡	≡	10	10	10	10	8	8	8	10	10	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
9	≡	10	10	≡	≡	≡	≡	≡	≡	10	10	10	≡	8	3	10	≡	≡	≡	≡	10	8	≡	4	9
10	0	0	0	0	0	0	0	0	2	4	4	5	5	7	10	6	4	5	0	0	0	0	0	0	2
11	0	0	4	3	10	7	5	1	8	8	10	10	10	4	8	7	9	8	9	10	≡	≡	≡	≡	7
12	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	6	≡	≡	≡	≡	≡	≡	≡	≡	10
13	10	≡	≡	≡	≡	≡	≡	9	10	≡	10	10	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
14	≡	≡	10	4	2	2	2	3	8	≡	9	10	10	10	10	10	≡	≡	≡	≡	≡	≡	10	≡	8
15	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	≡	≡	≡	≡	≡	≡	10
16	≡	≡	≡	≡	≡	≡	≡	≡	≡	3	9	8	≡	2	0	3	4	1	1	0	0	0	0	0	5
17	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
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	0	0	0	0	0	0
19	0	6	1	0	0	0	0	0	3	2	1	7	8	6	8	7	6	4	9	10	3	0	0	0	3
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	2	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	1	0	1	1	1	2	0	2	2	0	0	0	0	0	2	0	0
22	0	0	0	0	0	0	0	0	0	1	2	2	2	4	9	8	6	9	0	0	2	10	0	0	2
23	0	0	0	0	10	0	0	0	0	1	0	0	9	≡	10	0	9	0	0	0	0	0	0	0	2
24	0	0	0	0	0	0	0	0	0	0	0	8	8	10	8	2	3	1	9	8	9	10	10	10	4
25	0	≡	10	0	0	0	1	2	8	6	2	2	6	7	8	7	3	2	4	0	0	0	0	0	3
26	1	4	0	2	2	3	2	2	1	1	3	7	8	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	6
27	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8	6	8	10	10	10	6	8	0	1	3	2	2	8
28	4	7	10	10	≡	≡	≡	≡	10	8	3	7	9	10	10	10	10	9	10	≡	≡	≡	≡	≡	9
29	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
30	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
MEAN.	5·3	5·9	5·6	5·2	5·6	5·2	4·8	5·0	5·6	5·6	5·6	6·2	6·8	6·8	6·8	6·3	6·2	5·6	5·6	5·0	5·5	5·7	5·5	5·7	5·7

CLOUD. AMOUNT OF CLOUD (0–10). JULY 1889.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
1	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	0	9
2	0	0	0	0	0	0	0	0	0	0	1	9	≡	10	8	9	1	3	0	4	5	0	0	0	2
3	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
4	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
5	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	3	2	7	2	1	2	0	0	0	1
6	0	0	0	0	0	0	3	2	8	9	3	8	8	10	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	6
7	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	10
8	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10
9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8	8	8	3	10	≡	≡	10	≡	≡	≡	9
10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
11	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
12	≡	0	8	10	10	10	7	6	≡	9	≡	≡	10	10	10	≡	≡	≡	3	≡	0	10	0	≡	8
13	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
14	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	7	≡	≡	≡	10
15	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	10	3	8	8	10	5	10	9
16	10	10	10	10	10	10	≡	10	≡	10	≡	≡	10	8	9	5	10	7	3	≡	≡	≡	≡	10	9
17	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	6	≡	≡	≡	≡	≡	≡	≡	≡	10
18	1	0	0	0	0	0	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8
19	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
20	≡	≡	≡	≡	≡	≡	≡	≡	6	≡	10	≡	10	10	10	10	10	10	10	≡	≡	10	10	10	10
21	9	10	10	9	10	7	10	6	6	9	9	2	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9
22	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	8	≡	≡	6	≡	10
23	≡	0	8	7	≡	10	10	10	5	10	10	10	10	10	10	10	7	10	4	2	0	≡	1	≡	8
24	≡	≡	≡	≡	≡	≡	≡	1	10	10	10	10	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
25	≡	10	10	≡	≡	≡	≡	≡	≡	4	≡	≡	≡	10	≡	10	4	10	≡	≡	3	7	10	≡	9
26	≡	≡	≡	≡	≡	10	10	7	10	10	7	8	6	10	4	3	8	≡	≡	≡	≡	0	0	0	8
27	0	0	0	0	0	0	0	0	2	4	9	6	7	7	3	1	≡	6	2	4	4	4	0	0	3
28	10	10	10	10	≡	≡	10	≡	10	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	10
29	≡	≡	≡	10	10	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	8	4	10	≡	1	0	9
30	0	0	0	2	10	2	9	7	1	3	10	10	6	1	3	10	10	6	5	4	4	≡	≡	≡	6
31	3	8	10	9	10	≡	≡	4	10	10	10	10	8	10	10	10	10	10	10	10	9	10	8	10	9
MEAN.	7·2	6·7	7·3	7·3	7·7	7·4	8·0	7·2	7·7	8·0	8·3	8·5	8·5	8·5	8·3	8·2	8·2	8·7	7·4	7·9	7·5	8·1	6·5	7·4	7·8

CLOUD. AUGUST 1889.

1	5	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	10	10	10	10	10	10	10	≡	≡	≡	≡	10	10
2	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	9	10
3	10	10	10	10	≡	10	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	9	10	≡	≡	10
4	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	10
5	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	10	10	≡	≡	≡	≡	≡	≡	10
6	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	10	10	10	10	≡	≡	10
7	≡	≡	≡	≡	≡	≡	0	≡	≡	9	10	≡	≡	≡	≡	≡	8	≡	≡	≡	10	≡	9	4	9
8	0	0	0	6	0	7	10	10	10	10	7	10	10	10	9	10	8	6	5	8	10	≡	10	≡	7
9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	4	10
10	≡	3	10	8	10	7	≡	≡	≡	≡	≡	≡	10	10	≡	≡	≡	≡	≡	≡	10	10	≡	≡	9
11	≡	≡	≡	≡	≡	≡	≡	≡	8	≡	10	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	10
12	≡	≡	10	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
13	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
14	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	10	≡	≡	10	≡	≡	10
15	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
16	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
17	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
18	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
19	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	10	≡	≡	≡	≡	10
20	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
21	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
22	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	10	10	10	≡	≡	≡	≡	≡	10
23	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	5	≡	10
24	8	6	≡	≡	≡	2	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9
25	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	10	10	≡	≡	≡	10
26	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
27	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
28	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
29	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
30	≡	≡	≡	≡	≡	3	≡	0	≡	≡	≡	≡	9	≡	≡	≡	≡	≡	0	0	0	0	0	0	7
31	0	0	0	3	7	9	8	0	1	1	≡	8	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	7
MEAN.	9·1	9·0	9·4	9·6	9·6	9·3	9·6	9·4	9·6	9·7	9·9	9·9	10·0	10·0	10·0	10·0	9·9	9·9	9·5	9·6	9·6	9·7	9·5	9·3	9·6

CLOUD. AMOUNT OF CLOUD (0–10). SEPTEMBER 1889.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
1	≡	0	0	≡	≡	5	10	2	9	≡	9	10	10	9	10	8	6	9	10	10	≡	≡	0	0	7
2	0	≡	≡	≡	10	0	5	10	≡	≡	≡	≡	≡	≡	1	4	≡	≡	10	≡	≡	≡	≡	≡	8
3	2	5	2	10	10	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9
4	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
5	≡	≡	≡	0	0	0	0	0	0	0	0	0	0	0	0	10	≡	≡	≡	≡	≡	0	0	≡	4
6	≡	≡	0	0	≡	≡	≡	≡	0	10	10	9	10	0	0	6	0	0	0	0	0	0	0	0	4
7	0	0	0	0	0	10	2	6	0	0	0	0	0	2	0	3	≡	≡	≡	≡	≡	≡	≡	≡	4
8	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	8	4	10	10	≡	≡	≡	≡	≡	≡	10
10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
11	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	≡	≡	≡	≡	≡	10	10
12	≡	≡	≡	≡	10	8	10	10	10	10	10	10	10	10	10	9	9	8	6	7	3	4	≡	≡	9
13	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
14	10	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	≡	4	4	8	2	0	0	0	0	7
15	0	0	0	0	0	2	5	1	≡	≡	4	0	≡	10	10	≡	≡	10	0	0	0	0	0	0	4
16	≡	≡	≡	0	0	0	0	5	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	8
17	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
18	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
19	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
20	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	≡	≡	10	≡	≡	10
21	≡	≡	≡	≡	≡	≡	5	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	≡	0	≡	≡	9
22	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	5	≡	≡	10
23	≡	10	10	≡	9	10	7	10	10	10	10	8	≡	9	9	9	≡	≡	8	9	8	0	0	0	8
24	0	0	0	0	≡	0	0	0	9	8	0	10	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	0	6
25	0	0	0	0	0	≡	≡	≡	≡	≡	10	10	10	≡	10	10	7	9	5	≡	5	0	≡	10	7
26	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	≡	10
27	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
28	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
29	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
30	≡	≡	≡	≡	0	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	0	≡	9
MEAN.	8·1	8·2	7·9	7·7	8·0	8·2	8·1	8·5	8·6	9·3	8·8	8·9	9·3	9·0	8·6	9·1	9·2	9·3	8·9	8·6	8·5	7·0	7·6	8·0	8·5

CLOUD. OCTOBER 1889.

1	0	0	0	0	0	0	0	0	0	0	≡	2	≡	10	10	10	10	6	1	0	0	0	6	2	3
2	2	7	6	6	0	10	9	0	10	≡	10	≡	≡	7	5	10	10	10	10	10	10	10	10	10	8
3	10	10	10	10	1	8	7	9	10	10	10	10	10	10	10	10	10	10	4	7	10	≡	≡	≡	9
4	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
5	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
6	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
7	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
8	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	2	≡	≡	≡	≡	≡	≡	≡	10
10	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
11	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	4	0	0	0	0	0	0	≡	7
12	0	1	10	10	1	7	0	2	0	0	1	0	1	≡	≡	3	8	10	10	≡	≡	≡	≡	≡	6
13	10	9	10	≡	≡	≡	≡	≡	≡	8	10	9	10	10	10	10	0	10	9	10	9	3	6	10	9
14	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
15	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
16	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	3	8	9
17	9	0	0	0	0	0	0	0	0	1	3	8	6	3	3	2	4	1	1	7	9	0	0	0	2
18	≡	≡	8	≡	10	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	9	≡	≡	≡	≡	≡	≡	≡	10
19	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	10	9	≡	10	10
20	10	10	10	10	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
21	≡	≡	≡	≡	10	≡	≡	10	10	10	10	10	≡	≡	10	5	10	10	≡	≡	≡	≡	≡	≡	10
22	≡	≡	≡	≡	≡	≡	≡	6	10	10	6	10	10	6	9	9	3	≡	4	≡	≡	≡	0	≡	8
23	2	8	6	1	6	5	3	3	8	≡	10	10	10	8	9	10	10	10	≡	10	≡	≡	≡	≡	8
24	9	≡	≡	≡	≡	≡	10	10	≡	10	8	6	3	≡	9	≡	≡	2	0	0	0	0	0	0	6
25	0	0	0	0	0	0	0	0	0	4	4	≡	≡	≡	9	9	7	4	≡	≡	10	10	≡	≡	5
26	≡	≡	≡	≡	≡	≡	0	3	3	8	≡	≡	≡	≡	≡	≡	≡	≡	≡	6	≡	≡	≡	≡	9
27	≡	≡	4	10	2	2	3	0	0	0	0	3	8	1	3	0	10	≡	0	≡	1	1	0	0	4
28	0	0	0	0	0	0	0	2	2	3	2	2	3	7	6	4	2	4	4	2	0	10	10	10	3
29	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
30	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
31	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
MEAN.	8·1	8·2	8·2	8·3	7·4	8·1	7·5	7·3	7·8	8·2	8·5	8·7	9·1	9·1	9·1	8·8	8·4	8·6	7·8	8·5	8·4	7·8	7·9	8·7	8·3

CLOUD. AMOUNT OF CLOUD (0–10). NOVEMBER 1889.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
1	=	=	=	=	=	=	=	=	=	=	=	6	=	=	=	=	=	=	=	=	=	=	=	=	10
2	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	8	10
3	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
4	=	=	=	=	=	=	=	=	10	10	10	7	4	6	8	=	4	8	=	=	=	=	=	=	9
5	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
6	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
7	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	0	2	=	=	=	=	=	=	=	9
8	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
9	=	=	=	=	=	=	=	=	=	10	=	=	=	=	=	=	=	=	7	=	=	6	=	=	10
10	=	=	=	=	=	=	=	=	10	=	=	=	=	=	2	1	2	0	5	8	2	2	5	0	7
11	0	0	0	0	0	0	0	0	0	0	1	3	3	1	3	2	5	5	1	5	7	7	8	9	2
12	9	8	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
13	=	=	=	=	=	10	10	=	=	=	10	=	=	10	=	=	3	1	0	0	5	1	1	2	7
14	1	0	1	0	3	0	0	6	10	10	=	=	=	=	=	=	=	=	=	=	=	=	=	=	7
15	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
16	=	=	=	=	=	5	=	=	1	=	0	=	10	=	=	=	8	0	0	0	=	0	0	0	6
17	0	0	0	0	0	0	0	=	=	=	=	=	=	=	=	=	2	2	2	0	2	=	=	=	5
18	=	=	=	=	=	=	=	3	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
19	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
20	=	=	=	=	=	=	1	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
21	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
22	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10	=	=	=	=	=	=	=	=	=	10
23	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	0	=	=	=	=	=	10
24	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
25	=	=	=	=	=	=	=	=	=	=	=	=	=	9	10	9	10	0	0	=	0	10	=	=	9
26	=	=	=	=	=	=	=	3	=	4	2	=	=	9	9	8	=	=	4	=	=	=	=	0	8
27	=	=	=	=	=	=	=	=	=	7	=	10	10	=	9	=	=	=	3	=	=	=	=	=	10
28	=	=	=	=	=	=	=	=	=	=	=	=	=	=	9	=	=	=	=	=	=	=	=	=	10
29	=	=	=	=	=	=	=	=	10	=	=	=	=	=	=	=	=	5	4	=	=	4	=	=	9
30	=	0	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
MEAN.	9·0	8·6	9·0	9·0	9·1	8·8	8·7	9·1	9·4	9·4	9·1	9·5	9·6	9·5	9·3	9·0	8·5	8·0	7·2	8·8	8·9	8·7	9·1	8·6	8·9

CLOUD. DECEMBER 1889.

1	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
2	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	6	=	=	=	=	=	=	10
3	=	=	=	=	=	=	=	=	=	10	=	=	=	=	=	2	6	5	7	7	8	4	4	2	8
4	7	5	6	3	4	3	2	3	4	4	5	5	3	=	3	2	0	0	=	0	=	=	=	=	5
5	=	=	=	=	=	0	10	0	0	=	1	=	=	=	=	=	=	=	=	=	=	=	=	=	8
6	1	7	10	9	10	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	9
7	=	=	0	10	=	10	10	8	0	0	10	=	=	=	=	=	=	=	=	=	=	=	=	=	9
8	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
9	=	=	=	=	=	=	=	=	=	=	10	=	=	=	=	=	=	=	=	=	=	=	=	=	10
10	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10	=	=	=	=	=	=	=	=	=	10
11	=	=	=	=	=	=	=	=	6	3	2	3	2	2	8	7	=	1	=	=	=	=	=	8	8
12	=	0	0	=	=	1	1	7	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	8
13	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
14	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	8	=	=	=	=	=	=	=	=	10
15	=	=	=	=	=	=	=	=	=	=	=	=	=	7	10	=	4	2	2	10	3	10	=	=	9
16	=	=	=	=	=	=	=	=	=	10	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
17	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10	=	10
18	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
19	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
20	=	=	=	=	=	=	=	=	8	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
21	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	0	0	0	0	0	0	0	0	0	6
22	0	10	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
23	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
24	=	=	=	=	=	=	=	=	10	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
25	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
26	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
27	=	=	0	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	0	0	9
28	0	0	0	0	0	0	0	0	0	0	=	8	=	0	10	9	10	=	=	=	=	=	=	=	5
29	=	=	=	=	10	10	10	10	10	10	10	10	10	10	10	10	10	10	7	1	3	3	=	=	9
30	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
31	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
MEAN.	9·0	9·1	8·6	9·4	9·5	8·8	9·1	9·0	8·6	8·9	9·3	9·5	9·4	9·3	9·7	9·0	9·0	8·5	9·2	9·0	9·2	9·3	9·2	9·0	9·1

JANUARY 1889.

	Barometer reduced to 32° and Sea Level.					Temperature—Dry and Wet Bulbs.										S. R. Thermometers. Read at		Direction and Force of Wind (0–12).				Amount of Cloud (0–10).			Rainfall.
	8h	9h	14h	18h	21h	8h		9h		14h		18h		21h		18h	9h	9h		21h		9h	14h	21h	9h
	Ins.	Ins.	Ins.	Ins.	Ins.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n.	Force.	Dir'n.	Force.				Ins.
1	0·170	0·209	0·289	0·347	0·390	33·9	33·0	34·1	33·8	35·9	35·2	32·2	31·8	30·4	29·8	44·8	31·2	NE	0·3	E	0	9	1	0	·032
2	0·452	0·466	0·480	0·507	0·527	31·9	31·6	34·9	32·0	40·0	38·7	42·2	40·9	43·2	41·7	43·6	26·2	SW	0·3	SW	1	9	9	10	·012
3	0·468	0·474	0·472	0·468	0 463	45·0	43·8	45·2	43·8	45·1	44·0	45·0	43·9	45·5	44·7	45·8	35·0	SW	1–2	SW	3–4	10	10	10	·402
4	0·372	0·376	0·342	0·312	0·291	44·1	43·0	44·1	43·0	44·1	43·8	45·0	43·1	45·0	42·7	45·8	42·5	SW	2	SW	2	10	10	10	·193
5	0·128	0·116	0·034	9·967	9·920	44·0	41·7	44·1	41·9	44·2	41·7	45·0	41·3	43·2	41·9	46·0	41·4	SW	2–3	SW	3–4	10	9	10	·083
6	9·939	9·943	9·976	9·959	9·974	40·2	38·1	42·0	39·7	41·4	39·1	37·6	35·8	34·1	33·6	45·6	39·3	SW	0·5	Calm	0	9	8	0	–
7	9·915	9·893	9·827	9·765	9·722	30·1	29·7	30·1	29·8	35·7	33·8	36·7	35·8	44·3	40·6	37·8	28·4	NE	0	SW	1	1	10	10	·325
8	9·500	9·496	9·422	9·385	9·379	44·0	41·1	44·0	41·1	46·0	43·0	45·3	42·9	44·0	42·1	46·8	34·2	SW	1–2	SW	2	10	10	10	1·220
9	9·195	9·183	9·074	9·086	9·166	42·2	41·0	43·0	41·9	37·1	36·9	34·1	33·8	35·4	35·0	46·8	40·3	SW	1	SW	1	10	10	10	·890
10	9·476	9·506	9·610	9·670	9·700	31·9	31·8	30·7	30·0	33·5	32·0	31·1	29·9	28·7	28·1	38·4	29·2	E	0–3	NE	0	0	0	0	–
11	9·552	9·552	9·457	9·429	9·476	41·0	36·9	41·3	37·7	42·8	38·1	41·5	35·1	40·0	36·7	44·8	**25·2**	SW	1	SW	1–2	4	9	9	·020
12	9·663	9·701	9·786	9·885	9·934	40·1	35·1	40·0	35·1	40·0	35·6	34·0	32·0	32·7	31·6	43·8	38·3	SSE	2–3	ENE	0·3	1	1	2	–
13	0·104	0·116	0·130	0·165	0·185	35·9	32·9	35·9	32·8	38·0	34·8	36·7	32·8	35·9	33·8	38·1	31·4	SW	0	SW	0·3	10	6	5	–
14	0·108	0·106	0·070	0·028	0·000	40·0	35·9	40·2	36·4	42·9	38·9	43·0	38·9	43·3	39·2	43·8	32·2	SW	2	SW	1–2	7	9	10	–
15	9·844	9·841	9·785	9·757	9·743	44·0	41·7	44·6	41·9	45·5	42·9	44·0	43·2	45·0	42·9	46·7	39·3	SW	1–2	SW	1–2	10	10	10	·320
16	9·707	9·711	9·725	9·764	9·795	43·0	40·9	43·0	40·5	41·0	40·1	40·5	39·7	40·3	39·7	46·6	41·1	SSE	0·3	SW	1	10	10	10	·690
17	0·020	0·034	9·978	9·981	9·948	40·1	39·7	41·0	39·9	41·0	39·9	43·4	43·0	45·5	45·3	44·8	38·3	SW	1–2	SW	2–3	10	10	10	**1·602**
18	9·885	9·860	9·800	9·898	0·010	48·1	47·7	48·1	47·9	48·3	45·9	41·4	39·7	42 2	37·2	51·7	42·3	SW	1–2	SW	1–2	10	10	6	1·210
19	0·065	0·098	0·128	0·146	0·146	44·0	38·9	40·2	37·9	44·0	39·1	42·0	38·1	40·0	38·9	45·8	39·3	SW	2–3	SW	1	10	9	10	·032
20	0·250	0·267	0·243	0·255	0·282	37·0	36·6	38·0	37·3	43·0	42·7	45·2	43·4	46·3	43·0	45·8	34·2	SW	0	SW	1–2	9	10	9	·030
21	0·365	0·384	0·458	0·518	0·555	44·0	42·9	43·0	41·4	46·1	42·9	39·9	38·6	35·9	34·8	47·0	39·3	Var.	0	NE	0·3	8	6	0	–
22	0·571	0·573	0·521	0·514	0·486	30·7	31·8	30·9	30·3	40·0	38·1	40·5	40·2	40·0	39·8	42·4	29·2	E	0	SW	0	7	9	2	·020
23	0·466	0·469	0·456	0·439	0·447	44·0	43·9	44·0	43·9	46·5	45·4	45·3	44·9	46·0	44·9	47·7	38·3	WSW	0·3	SW	0·3	9	9	10	·022
24	0·404	0·410	0·387	0·360	0·356	45·6	44·9	45·8	45·1	47·9	45·9	46·0	45·2	45·8	44·7	48·7	44·3	SW	1	SW	1	10	9	10	·075
25	0·235	0·234	0·185	0·154	0·148	45·8	45·1	46·0	45·3	47·5	46·8	47·5	46·8	50·1	47·7	50·5	44·3	SW	1	SW	2	10	10	10	·076
26	0·185	0·194	0·264	0·328	0·427	44·8	42·1	44·6	41·1	43·8	39·9	40·0	35·3	34·9	32·8	50·7	43·8	W	1	E	0	10	3	1	–
27	0·523	0·505	0·409	0·325	0·254	27·1	26·9	26·9	26·8	39·3	35·8	39·9	38·7	43·1	42·7	40·8	25·4	S	0	SW	2–3	1	6	10	·430
28	0·134	0·137	0·056	9·986	9·882	45·1	44·9	45·0	44·8	46·0	44·9	45·5	44·7	46·0	44·2	46·8	26·0	SW	1	SW	1–2	9	10	10	1·310
29	9·364	9·445	9·703	9·744	9·755	46·0	43·2	43·5	40·9	42·0	36·6	39·8	35·5	39·0	36·9	47·2	42·3	W	2–3	SSW	1–2	10	8	10	·800
30	9·364	9·377	9·588	9·661	9·702	48·1	45·9	48·3	45·9	44·4	40·9	42·8	38·9	41·2	39·7	49·8	37·3	W	1–2	SW	1–2	9	9	9	·170
31	9·512	9·489	9·429	9·504	9·611	48·2	47·9	50·0	48·2	51·9	49·7	50·6	45·2	49·1	44·0	**53·8**	39·3	SW	1–2	WSW	3–4	10	10	2	·350
MEAN.	9·998	0·005	0·003	0·010	0·022	41·0	39·4	41·0	39·3	42·7	40·4	41·4	39·3	41·2	39·4	45·8	36·1		1·05		1·31	8·1	8·1	7·3	10·314

FEBRUARY 1889.

	Ins.	Ins.	Ins.	Ins.	Ins.	Dry.	Wet.	Dry.	Wet	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n.	Force.	Dir'n.	Force.				Ins.
1	9·345	9·308	9·233	9·193	9·226	45·8	45·1	46·5	[46·0]	47·7	44·9	44·0	39·9	40·6	36·1	**50·7**	42·6	SW	2–3	SW	3–4	10	8	4	·533
2	9·166	9·189	9·166	9·142	9·110	37·0	34·9	35·2	31·9	37·3	36·0	35·2	32·8	34·3	33·0	44·7	33·2	SW	3–4	SW	2–3	9	10	10	·952
3	9·176	9·221	9·510	9·730	9·917	39·0	36·0	40·2	36·9	39·9	38·8	39·8	36·1	35·8	34·7	42·2	30·3	NE	3–4	NE	1–2	10	10	9	·120
4	0·346	0·353	0·423	0·413	0·355	35·9	32·8	35·9	32·8	42·0	36·4	39·0	35·1	36·1	33·8	42·8	33·2	NE	2	SW	1	4	5	10	·102
5	0·038	0·051	0·014	9·996	9·974	40·0	39·8	41·1	40·8	44·5	39·9	42·8	38·9	43·0	38·9	45·1	34·8	SW	1	WNW	1–2	9	9	7	·032
6	9·956	9·957	9·909	9·822	9·747	38·4	36·6	40·4	36·7	41·1	37·2	37·3	34·8	35·5	32·8	44·8	37·3	N	0·3	NE	0·5	7	9	10	·110
7	9·924	9·958	9·969	9·865	9·680	30·3	29·0	28·9	27·8	33·5	31·2	33·1	31·8	35·9	35·0	37·8	27·0	NE	0·3	SW	1–2	7	8	10	·310
8	9·208	9·166	9·162	9·324	9·435	33·9	31·8	35·1	31·7	36·3	33·0	36·4	32·6	35·4	31·3	36·7	32·1	W	5–6	NE	2–3	8	10	8	·310
9	9·692	9·729	9·770	9·815	9·815	26·9	26·8	26·7	24·8	31·2	28·6	30·9	28·8	26·9	25·0	36·1	24·2	NE	1	NE	0·5	10	5	9	–
10	9·624	9·608	9·496	9·428	4·445	15·9	[15·4]	15·7	[15·2]	24·9	22·8	20·9	19·8	20·9	19·8	32·8	**15·7**	E	0	E	1	8	7	8	-
11	9·724	9·747	9·882	9·980	0·087	23·9	23·8	24·1	23·6	36·3	32·0	30·4	29·9	30·4	29·8	36·6	17·3	ENE	0·5	E	0·5	4	5	4	–
12	0·231	0·231	0·190	0·134	0 065	28·1	27·8	29·9	29·7	34·1	33·8	35·0	34·8	38·0	35·8	35·8	26·2	S	0·3	SW	1–2	6	10	10	·840
13	9·694	9·704	9·610	9·368	9·262	38·3	37·9	38·3	37·8	42·0	40·1	39·0	37·9	41·3	41·3	42·8	33·2	SW	0	SW	1–2	10	10	10	1·000
14	9·254	9·258	9·222	9·170	9·192	38·9	35·8	37·0	35·7	39·9	36·9	35·9	34·8	35·9	34·8	43·7	35·2	W	1	SW	1	2	4	10	·310
15	9·654	9 692	9·897	0·033	0·047	33·7	32·8	36·1	33·0	40·2	34·8	36·9	35·8	31·9	29·8	39·8	31·2	W	1–2	S	0	8	9	1	·142
16	9·632	9·582	9·515	9·651	9·672	37·0	35·2	37·2	36·8	48·7	43·9	46·8	43·3	46·0	42·9	49·8	29·2	SW	2–3	SW	1–2	10	10	10	·383
17	9·892	9·904	9·933	9·984	0·010	44·0	42·9	44·2	43·9	47·9	47·5	48·9	47·0	48·5	47·7	49·8	41·3	SW	1	SW	1–2	10	10	10	1·090
18	0·054	0·050	0·040	9·942	9·958	49·1	48·4	48·1	47·2	47·6	46·9	47·0	46·7	45·3	44·4	49·9	41·3	SW	3–4	SW	2–3	10	10	10	**2·035**
19	0·224	0·248	0·244	0 239	0·184	43·2	38·4	42·9	38·8	45·0	39·9	40·2	39·5	41·2	39·1	48·8	40·3	W	1	SW	1–2	8	9	10	·302
20	9·943	9·926	9·946	0·018	0·072	40·0	38·9	41·0	39·9	43·3	40·7	43·8	39·9	42·5	39·9	46·4	39·3	W	1	WSW	1–2	7	9	9	·032
21	0·291	0·303	0·333	0·328	0·333	35·9	33·8	36·7	34·9	44·0	39·1	40·0	36·9	38·0	35·0	44·8	35·0	S	0·3	S	0·3	8	8	7	–
22	0·263	0·255	0·198	0·190	0·192	37·8	36·0	38·0	36·9	42 0	40·5	42·0	41·1	42·0	41·1	42·8	35·2	E	0	SW	0	10	10	10	–
23	0·325	0·333	0·375	0·419	0·449	34·9	33·0	34·9	33·3	45·2	38·3	37·0	33·8	32·9	31·8	45·8	33·7	ENE	1	N	0	1	0	0	–
24	0·405	0·398	0·357	0·343	0·346	30·8	29·8	33·5	32·2	43·4	42·7	35·3	33·0	33·4	31·4	43·2	29·2	NE	0·5	NE	0·5	9	5	0	–
25	0·199	0·147	9·979	9·884	9·856	34·9	32·8	35·5	33·8	37·0	36·0	37·8	36·9	39·0	36·0	37·8	32·0	SW	0	E	2–3	10	10	9	·170
26	9·914	9·929	9·946	9·882	9·861	36·1	34·2	36·8	34·2	39·9	35·8	36·5	33·8	34·9	32·8	42·0	33·6	E	0	E	0·3	9	7	9	–
27	9·762	9·754	9·730	9·750	9·760	30·1	28·8	30·9	29·2	39·1	34·2	32·9	30·8	31·9	29·8	40·8	28·6	NE	0	NE	0	2	4	2	–
28	9·857	9·878	9·921	9·971	0·015	30·3	31·9	33·9	32·0	37·2	33·2	35·2	31·9	35·3	31·0	37·8	30·2	E	0·5	E	0·5	10	10	2	–
MEAN.	9·850	9·853	9·856	9·858	9·860	35·4	34·9	35·9	34·2	40·4	37·3	37·9	35·7	36·9	34·8	42·3	32·2		1·22		1·18	7·7	7·9	7·4	8·773

MARCH 1889.

	Barometer reduced to 32° and Sea Level.					Temperature—Dry and Wet Bulbs.										S. R. Thermometers. Read at		Direction and Force of Wind (0-12).				Amount of Cloud (0-10).			Rainfall.
	8h	9h	11h	18h	21h	8h		9h		14h		18h		21h		18h	9h	9h		21h		9h	14h	21h	9h
	Ins.	Ins.	Ins.	Ins.	Ins.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n.	Force.	Dir'n.	Force.				Ins.
1	0·064	0·064	0·047	0·027	0·022	32·9	30·8	32·9	31·0	39·0	34·4	34·9	32·8	33·7	32·2	39·6	31·0	NE	0·5	SW	0·3	10	4	10	–
2	0·024	0·015	0·012	0·020	0·016	26·9	26·6	26·9	25·9	38·2	32·7	36·3	28·0	30·8	27·8	38·0	**25·2**	E	0·5	NE	0·5	0	2	0	–
3	9·998	9·998	9·966	9·969	9·970	30·9	29·4	30·9	29·8	37·2	32·8	31·9	28·8	31·6	29·7	37·8	**25·2**	S	0	SSE	2–3	1	2	1	–
4	9·986	9·982	9·957	9·943	9·964	29·9	29·8	31·1	31·0	37·3	31·6	34·5	33·2	32·1	28·2	38·2	28·2	S	1	SE	1–2	0	0	8	–
5	9·891	9·885	9·897	9·878	9·878	34·9	34·8	37·0	32·0	34·1	33·8	35·7	34·8	35·9	34·8	38·4	31·2	SE	1–2	SW	0·5	8	9	7	·380
6	9·642	9·630	9·512	9·550	9·500	38·0	36·9	38·8	37·8	40·2	38·8	38·9	36·9	38·3	36·8	43·2	32·2	SW	0·5	SW	1–2	10	10	7	·376
7	9·452	9·432	9·361	9·324	9·330	39·0	37·9	39·3	37·9	42·9	39·7	40·9	37·9	38·0	36·8	42·7	35·2	SW	2–3	NE	0·3	9	9	10	·023
8	9·336	9·334	9·330	9·327	9·344	36·4	35·3	38·0	37·0	43·8	40·5	41·0	38·1	35·3	33·8	46·8	33·7	SW	0	NE	0·3	9	4	0	·020
9	9·382	9·398	9·402	9·386	9·336	38·5	35·8	39·1	36·6	41·3	36·0	33·3	32·8	35·9	34·8	44·8	38·4	W	1	SW	1–2	8	7	7	·290
10	9·600	9·630	9·718	9·790	9·862	39·4	38·8	39·9	36·0	43·0	39·1	40·2	39·1	35·6	33·8	45·8	32·2	W	1–2	NE	0	4	8	8	·030
11	0·057	0·065	0·107	0·104	0·104	33·0	31·0	33·9	32·0	44·6	38·8	41·3	37·9	39·0	38·9	46·2	31·2	W	0	SW	1–2	2	4	10	·100
12	0·099	0·110	0·108	0·062	0·014	46·2	45·4	48·1	46·3	49·1	47·5	47·0	46·1	48·1	47·4	50·1	37·2	SW	0·5	SW	2	8	10	10	·286
13	0·142	0·157	0·238	0·305	0·348	46·5	43·7	48·1	44·0	50·0	43·9	46·0	41·9	42·2	40·1	50·9	45·3	WNW	1–2	SE	0·3	7	4	8	–
14	0·372	0·366	0·352	0·366	0·396	43·0	41·8	44·0	42·1	48·7	46·9	45·2	43·7	42·0	41·5	49·7	37·2	W	0	NE	0	10	10	9	·043
15	0·464	0·466	0·456	0·428	0·422	41·4	41·0	42·0	41·1	43·6	43·0	45·3	44·2	44·0	43·9	46·9	40·3	SW	1	SW	1	10	10	9	·090
16	0·272	0·272	0·255	0·254	0·233	47·0	45·0	47·3	43·8	49·1	43·0	46·6	41·9	46·0	41·1	50·7	42·3	W	1–2	SW	1–2	7	4	6	·130
17	0·159	0·106	0·034	9·988	9·945	43·0	42·9	43·2	43·1	48·1	46·3	46·0	44·9	41·2	39·7	50·7	41·2	SW	0·3	NE	0·5	10	10	10	·300
18	9·750	9·753	9·588	9·584	9·542	47·0	46·8	48·0	47·3	44·0	42·9	43·1	41·1	42·0	38·9	49·8	35·2	NE	1	SW	1–2	10	10	9	·042
19	9·342	9·328	9·220	9·147	9·117	41·1	38·9	41·3	39·1	43·0	39·9	42·0	39·0	40·0	37·9	44·6	39·3	N	0	NE	2–3	10	9	6	–
20	9·153	9·199	9·354	9·451	9·549	38·8	36·9	38·3	36·9	37·0	35·8	36·4	36·0	33·9	30·8	42·6	36·6	NE	3–4	NE	1–2	9	10	6	·023
21	9·790	9·812	9·903	9·966	9·999	32·2	32·1	33·9	30·0	40·2	36·3	37·8	30·8	33·9	30·8	39·9	30·4	NE	1	NE	0·3	3	9	5	·050
22	9·986	0·000	0·005	0·008	0·001	42·0	40·4	44·0	40·9	51·8	45·2	45·0	41·9	43·0	41·9	51·7	32·2	W	1	SW	1–2	9	9	8	·570
23	9·814	9·798	9·760	9·690	9·808	43·8	42·9	44·0	42·9	46·7	46·2	48·6	47·9	47·0	46·9	50·3	41·3	SW	1–2	SW	1–2	10	10	10	**1·902**
24	9·837	9·820	9·847	9·854	9·852	46·5	44·1	49·2	48·1	51·1	50·7	50·2	49·1	47·2	46·9	52·7	44·3	SW	2	SW	1–2	10	10	10	·830
25	9·697	9·693	9·716	9·734	9·726	46·3	42·9	46·8	42·3	48·2	43·2	43·0	39·9	43·0	38·9	51·5	44·3	SW	2–3	SW	2–3	9	10	8	·468
26	9·973	9·992	0·122	0·204	0·260	37·8	34·6	39·0	35·3	41·0	35·8	39·0	33·4	35·9	31·9	44·8	35·2	NE	1–2	NE	1	9	5	0	–
27	0·342	0·399	0·315	0·539	0·339	30·7	28·8	33·7	30·6	45·0	37·9	40·0	35·6	39·0	35·9	45·3	27·8	NE	0·3	W	1	1	1	5	–
28	0·255	0·255	0·255	0·262	0·302	41·5	40·4	43·0	41·4	47·6	45·9	46·2	45·9	45·2	45·9	49·0	35·2	SW	0·3	SW	1	10	9	10	·020
29	0·251	0·265	0·233	0·180	0·154	49·1	47·0	47·0	45·9	49·1	47·9	46·8	46·3	46·3	45·9	**53·0**	42·2	SW	1	SW	1	10	10	10	·130
30	9·998	9·989	9·996	9·961	9·941	46·8	46·0	46·2	45·9	51·1	44·9	47·9	43·6	43·0	40·9	51·8	44·8	SW	1	E	1	10	6	3	·110
31	9·904	9·908	9·901	9·928	9·954	43·2	41·1	46·0	43·1	52·1	44·8	47·9	43·3	45·1	43·3	52·7	39·2	SW	0	W	1–2	7	9	6	·035
Mean.	9·904	9·907	9·902	9·911	9·911	39·8	38·4	40·7	38·6	44·6	40·8	41·9	39·3	39·8	38·0	46·5	35·8		0·98		1·13	7·4	7·2	7·0	6·248

APRIL 1889.

	Ins.	Ins.	Ins.	Ins.	Ins.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n.	Force.	Dir'n.	Force.				Ins.
1	9·831	9·809	9·856	9·831	9·852	42·2	39·1	43·4	40·1	43·9	39·9	39·7	37·7	41·3	36·9	46·4	40·7	WSW	3–4	WSW	1–2	9	10	8	·165
2	9·968	9·964	9·959	9·933	9·942	38·2	33·5	39·0	34·0	42·5	39·1	39·8	36·0	38·2	34·8	46·2	35·4	NE	1–2	NE	0·3	9	10	10	·050
3	9·753	9·729	9·512	9·344	9·225	35·2	32·8	33·1	32·8	38·0	36·9	41·6	38·6	40·2	36·9	42·2	**32·2**	SE	0	SE	2–3	10	10	10	·080
4	9·259	9·269	9·405	9·513	9·593	43·2	38·8	43·2	38·8	45·8	40·0	43·0	38·7	39·0	35·8	46·7	33·3	S	3–4	NE	0–3	10	6	9	–
5	9·622	9·628	9·629	9·661	9·698	40·4	37·7	40·0	37·9	43·2	38·2	41·2	37·2	40·5	36·0	44·9	37·3	NE	2	SE	1	10	10	8	–
6	9·672	9·660	9·619	9·595	9·608	39·0	36·9	42·9	38·3	45·3	39·9	44·0	38·8	42·0	37·9	46·6	**32·2**	ENE	1	SW	1	7	10	9	–
7	9·644	9·650	9·655	9·690	9·664	41·0	37·9	42·0	38·5	46·0	39·9	42·0	38·9	40·2	38·3	46·8	38·3	NE	1–2	NE	1–2	10	10	10	–
8	9·562	9·558	9·555	9·639	9·558	42·0	39·0	42·0	39·7	45·0	40·4	43·6	39·9	41·1	37·9	48·7	38·3	SE	1–2	ENE	0·7	10	9	9	–
9	9·584	9·584	9·574	9·595	9·614	41·3	36·9	44·2	37·9	47·3	39·9	43·0	37·8	40·2	36·9	49·7	35·7	NE	1–2	SE	1	3	7	9	–
10	9·672	9·670	9·699	9·710	9·718	37·0	34·4	38·2	35·6	44·0	38·8	39·7	38·3	37·0	35·9	45·7	38·9	NE	1–2	E	1	10	10	10	·110
11	9·704	9·702	9·672	9·676	9·687	38·0	36·0	40·0	37·9	44·4	40·9	40·4	38·9	39·0	37·9	45·8	33·2	NE	1–2	SE	1–2	6	9	9	·010
12	9·791	9·809	9·881	9·936	9·969	44·2	40·7	46·3	41·3	46·2	41·8	43·9	40·1	42·0	39·1	48·7	38·1	NE	2	NE	1–2	7	10	9	–
13	9·984	9·981	9·918	9·961	9·996	41·0	38·2	40·3	38·3	45·0	40·4	43·0	38·2	39·0	33·8	46·1	36·2	NE	1–2	NNE	1–2	9	10	8	–
14	9·986	9·979	9·949	9·940	9·969	40·0	35·6	42·2	36·7	51·4	42·4	50·1	48·6	45·4	42·2	54·3	35·4	NE	1	W	0	3	2	6	–
15	0·009	0·009	0·018	0·002	0·029	42·3	39·5	44·2	39·9	51·4	42·8	49·5	42·9	45·0	40·9	52·5	38·3	N	1	W	1–2	7	9	4	–
16	0·022	0·028	0·008	9·972	0·000	45·1	41·9	45·0	41·9	48·6	43·9	47·0	44·9	46·8	43·9	50·7	41.3	W	0·3	W	1–2	10	10	4	–
17	9·981	9·982	0·012	0·030	0·036	50·0	47·9	51·1	48·1	51·5	47·9	49·1	44·4	47·0	43·9	53·7	45·3	SW	0·5	E	0	10	8	10	–
18	0·046	0·047	0·020	9·998	9·960	45·0	44·1	46·0	43·9	47·3	44·1	48·1	44·7	47·0	44·4	49·7	43·3	SW	1–2	SW	1–2	10	9	10	·106
19	9·910	9·906	9·906	9·898	9·873	45·8	45·1	46·0	45·8	46·3	45·9	47·9	45·9	45·0	44·2	51·7	44·3	SW	2–3	SSW	1	10	10	8	**·862**
20	9·699	9·703	9·674	9·573	9·497	45·0	43·9	46·1	44·8	49·1	45·9	47·0	45·5	47·0	45·2	52·5	42·3	SW	1–2	SW	2	10	10	9	·373
21	9·293	9·297	9·333	9·329	9·351	43·6	41·4	41·9	40·2	46·7	43·6	43·0	41·0	42·0	40·0	51·6	38·3	SW	2–3	SW	0–3	10	8	8	·322
22	9·634	9·650	9·700	9·706	9·665	40·9	37·8	42·2	37·9	45·5	39·8	45·9	38·9	40·8	36·9	49·2	39·3	N	0·3	SW	1	8	9	6	·193
23	9·314	9·309	9·318	9·317	9·379	42·2	40·1	43·4	41·3	45·2	43·0	46·5	42·9	42·2	41·0	47·2	38·5	SW	1	Calm	0	10	8	8	·200
24	9·629	9·662	9·781	9·860	9·958	43·2	41·2	43·5	41·9	43·2	41·1	46·9	41·9	42·0	40·7	46·7	39·5	NE	2	NE	1–2	10	9	8	·010
25	0·044	0·044	0·008	9·983	9·980	41·3	39·1	43·9	40·7	52·1	45·9	50·3	45·1	44·0	41·9	54·6	39·3	NE	2	ESE	0·3	4	4	9	–
26	9·842	9·829	9·732	9·700	9·699	44·2	40·9	50·1	42·9	50·4	45·1	45·0	43·7	45·0	43·9	54·5	36·2	SW	0	SW	0·3	4	10	10	·222
27	9·817	9·832	9·844	9·814	9·797	42·0	40·1	44·0	41·0	51·9	45·1	53·1	44·9	45·2	40·1	53·7	41·3	SW	0·3	SW	0·3	8	6	2	–
28	9·702	9·689	9·566	9·511	9·502	50·1	43·9	53·6	46·9	56·1	46·9	50·1	45·9	47·0	44·9	58·8	41·3	E	0·5	S	0	7	9	10	·020
29	9·634	9·645	9·691	9·750	9·776	44·6	41·0	45·8	41·9	50·3	44·9	47·1	43·9	44·0	41·1	54·7	40·3	SW	1	S	0·3	8	8	3	·093
30	9·844	9·826	9·776	9·704	9·630	48·4	43·7	53·1	45·7	55·4	44·8	51·9	42·9	47·2	44·9	**59·8**	39·3	SE	1–2	NE	2–3	6	6	8	·302
Mean.	9·748	9·748	9·742	9·739	9·741	42·5	39·6	43·9	40·4	47·3	42·3	45·4	41·6	42·7	39·9	50·0	38·5		1·40		0·98	8·2	8·5	8·0	3·118

MAY 1889.

	Barometer reduced to 32° and Sea Level.					Temperature—Dry and Wet Bulbs.										S. R. Thermometers. Read at		Direction and Force of Wind (0–12).				Amount of Cloud (0–10).			Rainfall.
	8h	9h	14h	18h	21h	8h		9h		14h		18h		21h		18h	9h	9h		21h		9h	14h	21h	9h
	Ins.	Ins.	Ins.	Ins.	Ins.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n.	Force.	Dir'n.	Force.				Ins.
1	9·501	9·500	9·540	9·614	9·659	51·7	47·9	50·1	46·9	50·3	45·9	51·2	45·7	47·1	42·7	51·9	44·5	S	0·3	SW	0·3	10	7	3	·110
2	9·687	9·679	9·670	9·740	9·702	47·9	44·0	50·1	45·7	59·4	49·9	54·0	47·9	53·1	46·3	60·8	43·1	S	0	SW	0·5	9	5	9	–
3	9·721	9·723	9·726	9·724	9·736	50·9	46·7	51·1	46·7	55·1	48·9	52·8	48·1	53·1	48·9	56·8	48·2	SW	0·3	SW	1	10	9	10	·020
4	9·860	9·874	9·892	9·879	9·887	54·1	48·9	54·9	49·1	57·0	50·9	59·7	53·8	53·8	50·7	60·8	49·2	SW	0·5	S	0	10	10	10	·220
5	9·912	9·918	9·873	9·853	9·890	54·1	50·1	54·9	50·9	67·9	57·8	62·2	51·4	53·8	50·7	70·8	51·2	SW	0	NE	1	9	8	6	–
6	9·946	9·950	9·883	9·875	9·873	58·9	50·9	51·3	49·1	70·2	58·2	67·9	57·0	63·9	57·0	73·1	49·2	NE	1	S	0·3	7	1	9	–
7	9·797	9·779	9·701	9·675	9·691	64·2	56·2	64·2	56·2	64·9	57·2	60·9	59·1	56·0	54·0	**73·8**	58·3	SW	0·3	SW	0·3	6	9	10	·092
8	9·688	9·689	9·694	9·711	9·734	53·1	52·2	52·9	51·8	51·9	50·2	56·0	50·8	52·1	46·9	63·0	51·4	W	0	S	0·5	10	10	7	·120
9	9·772	9·784	9·769	9·741	9·767	53·1	50·2	53·9	49·9	60·1	53·8	60·9	53·4	59·5	51·7	61·8	47·2	SW	0	S	1–2	10	10	9	·018
10	9·680	9·694	9·688	0·729	9·741	63·1	56·1	61·1	56·2	62·1	56·8	56·2	52·1	53·1	49·9	67·8	53·2	W	0·3	S	0·3	7	10	10	·102
11	9·787	9·786	9·737	9·761	9·800	51·3	49·7	54·7	51·0	66·9	56·3	62·1	54·0	56·3	50·9	68·0	49·2	W	0	N	1	10	7	6	–
12	9·976	9·973	9·943	9·976	9·993	55·1	51·7	58·2	54·2	62·7	51·2	60·6	55·2	52·3	49·9	70·1	47·2	ENE	1–2	NE	1–2	1	0	6	–
13	0·040	0·040	9·984	9·941	9·933	50·1	46·7	52·1	47·7	[56·0	52·0]	51·1	46·9	46·0	43·9	[60·0	43·0]	NE	1–2	NE	2	1	10	4	–
14	9·850	9·848	9·760	9·762	9·784	47·3	43·1	49·0	44·5	59·9	51·9	55·3	49·2	49·9	46·1	61·3	44·1	N	0·3	SE	0·5	9	10	10	**·700**
15	9·798	9·798	9·819	9·836	9·883	46·2	44·9	46·8	46·0	55·3	49·1	54·9	48·2	46·0	42·9	57·4	54·2	SW	1	W	0·3	10	9	2	·022
16	9·975	9·988	9·976	9·991	0·002	49·3	46·5	54·3	49·1	58·0	51·9	60·7	51·7	52·1	48·9	63·6	43·3	W	0	SW	0	5	8	9	·030
17	0·036	0·034	0·015	0·016	0·003	52·3	49·9	53·3	51·7	61·4	55·3	63·0	54·0	57·8	50·7	66·8	49·0	SW	0	SW	0	10	9	8	–
18	9·884	9·872	9·864	9·873	9·873	54·5	50·9	57·0	51·9	58·9	53·3	59·9	54·8	54·1	52·3	64·8	51·2	NE	0·3	SW	0	7	4	10	–
19	9·890	9·888	9·887	9·921	9·963	55·1	51·9	57·3	53·8	63·9	57·2	57·5	54·3	55·1	52·7	65·8	47·1	SW	0	SW	0	5	8	10	–
20	0·038	0·038	0·035	0·038	0·066	54·3	52·4	56·0	53·1	64·1	58·0	65·5	59·9	47·3	44·9	57·8	50·0	W	0	SW	0·5	10	10	8	·110
21	0·079	0·073	0·045	0·002	9·948	57·0	56·0	59·9	58·2	62·1	58·0	65·2	60·2	59·7	55·9	62·8	53·0	SW	0·3	SW	0	9	5	9	–
22	9·918	9·916	9·869	9·873	9·871	59·7	56·5	60·9	56·5	63·9	56·8	58·0	54·1	55·1	52·1	68·9	51·2	SW	0·3	SW	1	8	6	8	·010
23	9·816	9·816	9·800	9·721	9·688	53·4	52·1	52·6	51·0	57·6	54·0	60·9	55·8	53·1	51·1	62·1	51·2	SW	0·5	SW	0·3	10	8	8	–
24	9·529	9·527	9·544	9·567	9·596	54·2	51·9	54·2	51·9	51·1	50·4	49·3	48·7	47·3	46·9	62·2	47·1	SW	1	SW	1–2	10	10	10	·053
25	9·589	9·591	9·589	9·621	9·651	48·3	46·9	48·9	46·9	56·3	50·0	55·2	49·5	47·3	44·9	58·8	41·3	SW	1	SW	0	8	8	1	–
26	9·718	9·728	9·737	9·759	9·795	53·1	49·1	54·3	49·9	67·4	54·0	62·7	54·0	57·0	52·0	69·0	**37·9**	NW	0	Calm	0	3	3	8	–
27	9·843	9·817	9·753	9 685	9·668	50·4	47·9	54·9	49·7	64·1	49·3	63·9	55·2	55·3	49·9	66·6	43·1	SW	0	N	0	8	5	6	·003
28	9·530	9·518	9·536	9·486	9·419	51·1	47·9	51·7	48·9	54·4	50·9	51·1	49·2	50·4	49·2	64·6	48·2	N	0	N	0	8	9	10	·582
29	9·446	9·444	9·456	9·536	9·501	51·1	50·2	53·1	51·9	54·4	50·9	51·1	49·2	49·4	47·9	59·6	48·2	N	0	SW	0·3	8	9	9	·130
30	9·538	9·548	9·594	9·585	9·633	51·1	47·9	49·1	47·7	52·1	50·5	55·8	50·9	48·9	46·1	58·8	40·5	SW	0·3	SW	0	10	10	5	·253
31	9·539	9·537	9·536	9·531	9·550	50·9	48·5	52·1	47·9	55·3	52·1	54·3	51·1	52·1	48·9	62·0	44·3	W	0·3	SW	1	9	5	9	·155
MEAN.	9·787	9·786	9·772	9·775	9·784	53·1	49·8	54·0	50·5	59·5	53·0	58·1	52·4	52·8	49·2	64·1	47·7		0·35		0·50	8·0	7·5	7·7	2·730

JUNE 1889.

	Ins.	Ins.	Ins.	Ins.	Ins.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n.	Force.	Dir'n.	Force.				Ins.
1	9·669	9·697	9·687	9·700	9·785	53·3	49·2	54·1	49·7	57·3	51·5	58·9	51·9	58·0	49·9	60·0	49·2	SW	1	SW	1–2	10	10	9	0·030
2	9·741	9·738	9·651	9·624	9·667	64·9	56·0	65·5	57·3	69·4	62·2	63·7	59·2	58·0	55·4	70·5	55·3	SW	1	S	0·5	9	9	10	·160
3	9·736	9·739	9·754	[9·724]	9·821	55·5	54·8	54·3	53·3	61·0	56·9	62·8	54·8	57·0	49·9	67·8	52·4	SW	0·5	SW	1–2	10	9	9	·050
4	0·008	0·026	0·180	0·274	0·337	56·2	50·1	58·0	51·9	61·4	54·0	61·9	54·8	55·4	50·9	65·1	49·2	SW	2	SW	0·3	7	6	7	–
5	0·463	0·459	0·447	0·409	0·359	56·3	52·9	59·2	53·9	65·4	56·0	66·3	56·0	57·0	52·3	68·3	45·3	SW	0·3	SW	0	1	0	4	–
6	[0·296]	0·278	0·155	0·118	0·132	58·2	52·9	62·9	54·9	70·9	58·3	65·1	56·0	57·0	52·2	73·0	49·2	SW	0·2	SW	0·3	1	0	5	–
7	[0·216]	0·213	0·193	0·155	0·166	53·1	47·4	57·0	49·7	63·2	51·9	61·7	52·9	50·9	47·7	65·8	46·3	SW	1	SW	0·3	2	1	5	–
8	9·974	9·972	9·899	9·831	9·827	51·9	48·9	54·3	50·1	56·8	50·7	54·1	49·9	50·1	49·2	61·8	44·5	SW	1	SE	0	10	10	10	·160
9	9·836	9·833	9·822	9·866	9·923	52·1	48·2	53·4	49·7	62·9	54·5	52·7	49·1	49·7	46·8	65·0	47·3	NE	1–2	NE	2	9	5	8	·010
10	0·001	0·003	9·970	9·963	9·986	50·9	45·1	55·1	48·5	62·9	51·9	59·1	51·3	51·1	47·2	64·0	**39·3**	E	1	SW	0·3	1	3	0	–
11	9·928	9·912	9·863	9·816	9·810	52·4	47·7	56·0	49·9	62·0	52·9	59·0	51·7	55·1	50·2	64·6	42·2	S	1–2	SW	1–2	0	2	10	·045
12	9·832	9·838	9·858	9·861	9·875	52·1	51·1	51·8	50·0	57·0	52·6	59·9	52·3	52·1	49·1	60·2	49·2	SW	1	W	0	10	10	9	–
13	9·798	9·784	9·739	9·717	9·727	55·3	51·1	57·5	54·2	61·2	56·5	58·0	53·9	54·1	53·7	62·8	47·7	SW	1	SW	0·5	7	7	10	**·200**
14	9·849	9·846	9·784	9·840	9·942	54·1	50·1	55·2	49·9	57·0	50·8	54·1	49·1	49·7	46·9	60·1	47·3	SW	1	SW	1	4	10	7	·038
15	9·919	9·919	9·962	9·964	0·012	51·2	50·2	53·4	52·0	57·8	52·7	56·8	50·9	54·1	49·7	61·8	46·6	SW	1	SW	1	7	8	10	·013
16	0·096	0·146	0·129	0·151	0·159	52·1	50·7	53·1	51·0	60·3	54·0	59·2	53·2	55·2	51·9	62·0	50·0	SW	1	SW	0	9	9	10	–
17	0·219	0·217	0·217	[0·226]	[0·237]	51·1	50·9	52·3	51·7	65·2	57·1	62·7	57·0	55·0	52·4	66·8	51·2	N	0	SE	0	9	0	0	–
18	0·277	0·283	0·231	[0·210]	0·244	53·1	51·8	54·0	52·4	63·2	57·6	63·7	58·8	55·0	52·9	66·8	46·1	E	0	WSW	0·3	10	0	0	–
19	0·218	0·217	0·160	0·156	0·202	59·0	57·0	64·9	60·1	76·2	66·2	69·1	63·2	64·7	50·9	**78·9**	47·3	NE	1	NE	1	5	2	4	–
20	0·212	0·204	0·154	0·126	0·154	56·3	51·9	61·2	55·1	70·5	59·4	69·9	61·2	57·6	55·0	73·8	47·3	NE	1	NE	0·3	0	0	0	–
21	0·148	0·146	0·108	0·081	0·100	58·8	55·4	62·9	59·1	75·4	62·7	73·9	63·2	63·9	58·1	76·8	48·8	NE	0·2	NE	0	0	0	0	–
22	0·148	0·151	0·130	0·124	0·142	64·8	59·1	62·1	58·3	69·3	62·3	70·7	63·1	59·8	56·0	74·8	52·2	NE	0·3	NE	1–2	0	0	0	–
23	0·149	0·141	0·092	0·044	0·063	57·0	53·3	58·0	54·5	60·4	56·8	63·2	58·6	57·1	55·1	71·4	50·2	NE	1–2	SW	0·3	10	8	2	–
24	0·077	0·074	0·060	0·042	0·064	59·0	56·0	61·5	56·0	67·9	60·0	67·0	60·0	62·1	57·3	70·8	53·4	NE	0·3	SW	0	3	3	3	–
25	0·101	0·100	0·082	0·066	0·088	[61·0	59·0]	62·9	60·0	71·9	61·9	70·0	61·2	59·7	56·0	72·8	50·2	E	0	W	0	1	2	2	–
26	0·084	0·063	0·042	[0·030]	[0·035]	57·2	54·2	64·9	58·1	64·9	59·2	61·3	57·0	57·0	55·0	70·8	46·3	SW	0	SW	0·3	1	9	8	–
27	0·033	0·053	0·070	0·054	0·073	59·0	55·0	58·3	52·5	64·2	55·9	59·8	54·1	53·5	50·3	70·9	[52·0]	SW	1	SW	0·3	8	2	1	–
28	0·065	0·036	0·045	0·064	0·083	54·3	51·5	57·3	52·2	63·1	53·9	59·9	53·9	55·3	52·7	64·8	44·3	WSW	1	SW	0·5	4	8	9	·054
29	0·187	0·183	0·187	0·174	0·141	55·2	51·9	53·5	51·3	56·0	51·1	53·5	51·3	54·4	51·4	59·8	50·1	SW	0·3	SW	0·3	10	10	10	·082
30	0·165	0·172	0·247	0·313	0·362	54·5	51·4	56·3	52·1	57·5	52·8	56·3	52·1	55·0	50·7	61·4	51·8	SW	1	WNW	1–2	10	10	9	–
MEAN.	0·045	0·048	0·031	0·027	0·051	55·7	52·2	57·7	53·3	63·7	56·1	61·8	55·4	55·8	51·8	67·1	48·4		0·79		0·57	5·6	5·1	5·7	0·842

JULY 1889.

	Barometer reduced to 32° and Sea Level.					Temperature—Dry and Wet Bulbs.										S. R. Thermometers. Read at		Direction and Force of Wind (0–12).		Amount of Cloud (0–10).			Rainfall.
	8h	9h	14h	18h	21h	8h		9h		14h		18h		21h		18h	9h	9h	21h	9h	14h	21h	9h
	Ins.	Ins.	Ins.	Ins.	Ins.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n. Force.	Dir'n. Force.				Ins
1	0·439	0·451	0·463	0·458	0·448	53·1	50·9	55·2	52·1	58·0	54·0	57·0	55·2	56·0	55·8	60·8	50·2	W 0	SW 0·3	10	10	10	·042
2	0·452	0·442	0·413	0·373	0·388	57·6	56·2	59·9	57·0	69·7	62·0	67·9	60·2	59·0	56·8	71·8	54·2	E 0	SW 0	8	10	5	–
3	0·394	0·370	0·286	0·262	0·290	57·2	53·1	61·1	56·0	77·7	61·3	73·9	61·2	61·3	57·0	81·9	49·2	NE 1	E 0	0	0	1	–
4	0·286	0·277	0·213	[0·199]	0·248	59·4	54·9	61·9	56·0	80·5	66·4	72·7	63·2	61·3	57·0	**82·0**	51·2	E 1	ENE 0·3	0	0	0	–
5	0·273	0·278	0·228	0·185	0·219	56·3	54·1	58·0	55·0	69·8	62·7	66·7	61·3	59·8	57·3	81·8	50·2	ENE 0–3	W 0·5	9	2	2	–
6	0·083	0·059	9·944	9·860	9·809	55·1	54·2	56·2	54·9	60·0	55·2	55·9	53·0	55·0	51·9	69·0	51·7	WSW 1–2	WSW 1	10	10	10	–
7	9·739	9·744	9·711	9·686	9·705	53·3	47·1	55·5	49·0	57·0	47·9	56·0	48·9	51·1	46·9	60·8	46·8	NE 1	NE 1	8	6	8	–
8	9·713	9·707	9·673	9·681	9·776	55·2	47·9	53·1	48·7	55·0	51·7	52·4	50·4	53·4	49·9	58·6	47·5	WSW 1	WSW 0·5	9	9	10	–
9	9·828	9·835	[9·825]	9·783	9·833	56·0	51·9	57·5	52·9	64·1	55·0	63·9	55·2	58·0	51·9	67·1	46·5	E 0	S 3–4	9	7	8	·086
10	9·712	9·712	[9·701]	[9·697]	9·737	55·8	52·5	55·0	52·4	59·2	53·8	61·2	55·0	52·4	51·2	63·8	43·3	NW 1–2	NE 2	10	10	10	**·312**
11	9·873	9·880	9·887	[9·909]	9·999	50·9	49·7	52·1	50·4	56·8	50·4	55·1	49·9	51·4	49·9	62·8	42·3	NE 1	ENE 1–2	10	10	10	·010
12	0·038	0·038	9·746	9·785	0·046	55·2	51·0	56·0	51·1	57·2	52·7	59·4	56·1	55·2	51·9	59·8	48·2	E 0	SW 0	9	10	0	–
13	0·000	9·986	[9·929]	9·897]	9·907	54·7	52·1	57·5	53·4	60·8	53·8	63·9	56·0	55·1	51·3	65·8	47·7	WSW 0·3	WSW 1	9	10	10	·003
14	9·862	9·832	[9·756]	[9·739]	9·774	52·4	50·1	57·0	52·4	59·0	53·6	56·0	51·8	51·1	48·9	68·1	48·5	WSW 1	SW 0·5	8	10	9	·252
15	9·674	9·678	9·673	9·681	9·679	52·4	50·1	52·1	50·1	55·1	51·7	52·4	50·4	50·5	48·9	58·6	47·4	SW 0·3	SE 0	9	9	10	·182
16	9·743	9·760	9·775	9·783	9·813	54·6	51·1	57·2	52·5	64·1	55·0	63·9	55·2	53·5	50·7	67·1	46·5	ENE 0·3	SW 0	9	7	5	·030
17	9·879	9·887	9·901	9·896	9·924	54·1	50·9	56·4	51·9	59·2	53·8	61·2	55·0	54·1	49·9	63·8	53·3	NE 1–2	NE 1	8	10	8	–
18	9·925	9·925	9·880	9·859	9·840	51·4	46·9	51·9	46·9	56·8	50·4	55·0	49·9	53·5	48·9	62·8	42·3	E 0	W 0·3	10	10	9	·030
19	9·760	9·762	9·746	[9·736]	9·718	53·3	49·9	52·9	50·3	57·2	52·7	55·4	51·1	51·3	49·9	59·8	48·2	SW 0·5	SW 1	8	10	10	·113
20	9·696	9·687	9·630	9·578	9·566	52·7	50·9	54·4	50·7	60·8	53·8	63·9	56·0	56·4	52·9	65·8	47·7	SW 0	SW 0	9	10	10	–
21	9·472	9·470	9·460	[9·510]	9·598	56·8	52·1	60·7	55·0	58·9	52·6	56·0	51·3	52·1	46·9	68·1	48·5	NE 0·3	W 1	6	10	3	·033
22	9·623	9·617	9·633	9·630	9·636	54·1	50·1	55·0	50·2	53·4	51·9	54·8	52·1	50·9	47·9	59·8	49·4	SW 1–2	SW 0·3	9	10	4	·020
23	9·690	9·686	9·709	9·720	9·786	52·3	50·4	56·4	52·7	66·1	55·2	62·9	55·0	54·1	50·9	67·7	43·1	E 0·3	N 0	4	4	2	–
24	9·641	9·615	9·555	9·531	9·458	51·6	49·9	59·3	53·9	61·4	54·0	59·0	54·2	55·0	52·9	65·8	**41·3**	SW 0·3	SW 0	8	10	10	·236
25	[9·505]	9·500	9·530	9·614	9·676	53·7	53·0	56·0	55·0	65·9	57·4	62·5	58·5	54·6	51·2	66·4	50·2	NE 1	ENE 0·5	10	5	2	–
26	9·760	9·764	9·774	9·823	9·909	57·8	51·7	59·7	51·8	64·9	55·4	61·5	54·2	54·5	50·9	68·7	52·2	NNE 2	W 2–3	7	3	2	–
27	9·966	9·976	9·985	9·982	0·049	58·0	52·9	59·9	52·7	64·8	56·0	63·9	57·0	52·5	50·1	69·8	49·2	SSW 0·2	S 0·3	2	8	3	–
28	9·957	[9·954]	9·953	9·955	9·985	53·3	51·2	54·1	52·3	58·4	55·0	57·1	54·3	55·0	53·9	59·3	48·7	SW 0·3	SW 0	10	10	3	–
29	0·053	0·053	0·094	0·095	0·128	56·2	55·0	59·0	56·2	60·9	56·8	60·3	57·9	58·0	56·2	62·8	53·2	SW 0·3	SW 0	10	10	10	–
30	0·185	0·135	0·108	[0·050]	0·055	59·1	52·7	62·9	59·1	74·2	63·3	71·1	62·4	62·7	58·9	76·8	[52·0]	E 0	SW 0·3	10	3	4	–
31	9·997	9·989	9·938	9·929	9·888	65·1	60·6	65·9	61·2	73·3	64·2	65·9	62·2	69·3	65·2	74·8	51·2	SW 0	S 0·3	10	9	9	–
MEAN.	9·910	9·905	9·875	9·867	9·900	55·1	51·8	57·1	53·0	62·6	55·5	60·9	55·3	55·4	52·4	66·8	48·4	0·63	0·64	8·0	7·8	6·4	1·349

AUGUST 1889.

	Ins.	Ins.	Ins.	Ins.	Ins.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n. Force.	Dir'n. Force.				Ins.
1	9·888	9·883	9·827	9·794	9·785	58·0	56·2	59·9	57·3	65·4	58·5	62·3	56·4	57·0	55·2	66·8	57·2	WSW 1	SW 0·5	10	1	10	·030
2	9·713	9·713	9·721	9·719	9·718	58·0	55·8	58·4	56·0	58·9	57·0	58·9	56·2	53·1	52·9	62·8	54·2	SW 0	SW 0·3	10	10	10	·110
3	9·608	9·612	9·594	9·644	9·693	55·1	54·0	57·0	55·0	65·1	57·0	61·1	55·0	56·0	52·9	**67·8**	51·2	NE 0	W 0·3	4	8	8	·060
4	9·813	9·821	9·822	9·811	9·799	56·3	53·2	58·0	53·9	60·7	54·9	57·0	56·0	55·0	53·5	65·8	53·2	SW 0·5	SSW 0·5	8	7	10	·110
5	9·657	9·627	9·574	9·547	9·513	55·1	54·2	56·0	55·0	60·3	57·7	55·8	54·8	54·1	53·1	61·8	52·2	SSW 0	SW 0·5	10	10	10	·820
6	9·481	9·500	9·572	9·644	9·682	57·2	55·0	55·3	54·0	60·1	55·2	55·5	54·2	53·1	50·9	61·9	52·2	SW 1–2	NE 0	10	9	7	·070
7	9·891	9·892	9·914	9·943	9·993	55·1	54·0	60·4	55·9	61·4	55·0	60·9	54·0	55·0	51·1	65·8	49·2	NE 0	Calm 0	4	9	8	–
8	0·023	0·019	9·954	9·896	9·869	51·1	49·2	54·1	50·4	65·4	56·1	[60·0	56·0]	53·1	50·7	66·8	43·3	WSW 0·3	SW 0·3	7	7	6	·170
9	9·714	9·709	9·707	9·701	9·699	54·6	53·1	55·0	53·9	58·5	56·2	58·0	55·2	55·0	54·0	60·2	49·2	ESE 0	Calm 0	10	9	7	·040
10	9·635	9·631	9·606	9·592	9·580	53·1	51·9	54·4	53·0	56·0	55·3	55·0	54·7	54·1	52·9	59·0	49·0	NE 0·3	SE 0	10	10	9	·380
11	9·696	9·703	9·693	9·742	9·785	54·6	51·9	56·9	52·9	59·5	54·0	57·5	52·9	53·1	50·9	60·8	52·0	NE 1–2	NE 1–2	9	8	8	–
12	9·870	9·872	9·888	9·899	9·902	52·1	49·1	53·3	49·5	58·9	53·1	55·3	51·9	55·0	51·2	61·6	47·3	WSW 1	WSW 2	10	8	10	–
13	9·871	9·883	9·933	9·939	9·917	56·9	51·8	57·6	51·9	59·9	52·9	57·3	51·1	51·1	48·2	61·8	52·2	E 0	N 0	10	8	6	·023
14	9·702	9·677	9·618	9·623	9·632	51·7	50·9	53·9	52·9	62·1	57·4	61·1	57·0	58·0	56·0	66·8	48·0	SE 0	S 0	10	9	9	·060
15	9·665	9·661	9·668	9·724	9·762	56·5	55·0	56·3	55·0	57·1	54·9	57·5	52·1	54·0	51·9	62·8	50·2	SW 1	WSW 0·3	10	10	10	·020
16	9·788	9·786	9·713	9·555	9·384	55·5	53·5	57·5	54·2	56·0	55·2	55·1	54·8	54·0	53·7	59·0	53·2	SW 1–2	S 1	8	10	10	1·112
17	9·439	9·461	9·523	9·550	9·574	53·4	50·9	54·0	51·0	55·1	52·4	56·5	52·9	53·1	50·8	61·8	52·2	WSW 1–2	SW 1	9	7	9	·448
18	9·629	9·645	9·711	9·737	[9·781]	54·3	51·9	52·6	51·0	57·0	53·9	55·1	52·4	54·0	50·8	63·4	49·7	SSW 0·5	SW 1	8	7	7	·306
19	9·685	9·673	9·584	9·529	9·469	54·3	53·3	54·8	52·4	60·9	57·0	54·6	53·7	53·0	51·9	63·0	50·0	N 0	E 0	10	10	10	·620
20	9·261	9·259	9·233	9·246	9·284	53·4	52·9	53·4	52·8	54·9	54·0	56·0	52·4	54·0	52·0	56·8	52·0	NE 0·5	WSW 0·3	10	10	9	·360
21	9·281	9·280	9·256	9·212	9·213	54·1	50·1	54·8	50·7	58·5	52·4	57·8	52·8	55·0	51·9	60·8	50·2	SW 0·3	W 1–2	7	10	9	·023
22	9·395	9·424	9·550	9·650	9·691	54·1	49·9	54·3	49·9	58·2	50·1	54·9	46·9	52·1	45·9	60·8	53·2	W 1	WNW 1–2	7	8	3	·113
23	9·685	9·686	9·666	9·668	9·678	51·4	49·2	52·7	49·4	57·8	51·1	55·2	49·8	51·1	47·9	59·7	49·2	SW 1	SW 1	10	6	8	·049
24	9·760	9·768	9·773	9·771	9·765	50·1	47·7	51·2	48·1	55·9	49·8	53·3	48·9	51·1	48·9	58·8	44·3	NE 0	SW 0·3	10	9	10	·053
25	9·789	9·791	9·840	9·918	9·893	52·1	50·4	54·1	51·4	56·9	51·2	54·1	48·9	51·3	46·9	59·6	49·2	WSW 1–2	NE 0·5	10	6	8	·020
26	9·996	9·980	0·002	0·018	0·016	50·3	49·2	52·4	51·1	55·1	50·4	54·1	52·9	53·1	52·2	57·1	44·5	SW 0	SW 1	9	10	10	·140
27	0·023	0·021	0·023	9·959	9·923	54·9	53·9	55·2	54·9	54·3	53·1	53·3	52·1	54·2	52·1	56·6	52·1	SW 0·5	SW 1–2	10	10	10	**1·502**
28	9·725	9·722	9·787	9·807	9·825	56·2	55·8	56·9	56·3	58·8	58·2	57·1	57·0	56·2	56·2	61·8	52·2	SW 2–3	SW 1	10	10	10	·903
29	9·954	9·977	0·016	0·004	[0·025]	55·3	50·9	56·5	53·1	56·0	54·0	56·3	54·2	53·4	52·1	58·6	52·1	SW 0·3	SW 0	2	10	8	·010
30	0·084	0·088	0·118	0·151	0·182	52·1	50·9	56·5	55·2	63·0	56·0	57·1	52·0	49·1	46·9	63·8	47·7	SW 0·3	W 0·3	2	8	0	–
31	0·225	0·222	0·226	0·220	0·234	47·9	46·7	54·1	51·2	57·0	54·0	56·0	54·3	54·2	53·9	58·8	**41·3**	SW 0·3	SW 0	8	10	9	·030
MEAN.	9·740	9·741	9·746	9·749	9·751	54·0	52·0	55·4	52·9	58·9	54·5	56·8	53·3	53·7	51·6	61·7	50·1	0·62	0·58	8·5	8·5	8·3	7·582

SEPTEMBER 1889.

	Barometer reduced to 32° and Sea Level.					Temperature—Wet and Dry Bulbs.										S. R. Thermometers. Read at		Direction and Force of Wind (0-12).				Amount of Cloud (0-10).			Rainfall.
	8h	9h	14h	18h	21h	8h		9h		14h		18h		21h		18h	9h	9h		21h		9h	14h	21h	9h
	Ins.	Ins.	Ins.	Ins.	Ins.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n.	Force.	Dir'n.	Force.				Ins.
1	0·247	0·253	0·200	0·171	0·172	52·7	51·9	55·0	52·1	64·4	57·2	62·7	58·4	54·1	52·7	66·4	49·0	NE	0·3	E	0	2	5	1	–
2	0·132	0·125	0·069	0·045	0·052	53·1	51·2	57·6	54·6	64·9	57·2	59·8	54·8	55·0	51·2	67·1	46·6	E	0	SE	0	4	4	4	·012
3	0·052	0·046	0·066	0·081	0·089	55·1	52·9	56·8	54·1	64·4	59·3	61·2	58·0	59·9	57·0	67·4	53·2	NE	0	S	0	10	8	10	–
4	0·174	0·174	0·217	0·212	0·228	59·0	57·2	58·6	57·1	58·6	57·8	58·0	57·3	56·2	56·0	62·8	57·6	SW	0·3	Calm	0	10	10	6	–
5	0·250	0·262	0·250	0·255	0·273	55·1	54·9	54·4	54·1	64·9	60·7	62·7	59·1	58·0	56·3	66·6	54·0	S	0	S	0	10	4	9	–
6	0·311	0·309	0·291	0·270	0·293	53·3	52·9	57·0	56·0	67·9	62·3	64·9	61·2	56·6	55·2	69·0	50·2	NE	0	E	0	4	7	7	–
7	0·275	0·259	0·182	0·139	0·144	51·6	50·4	55·0	53·9	69·9	60·2	60·4	53·9	59·0	54·0	**72·1**	47·5	N	0	SSE	2–3	3	0	3	–
8	0·119	0·099	0·002	9·932	9·951	57·0	51·2	59·3	53·1	64·4	56·1	62·6	56·1	56·0	55·0	69·1	53·8	SE	0	SW	1	8	10	10	·522
9	9·862	9·870	9·964	9·988	9·993	59·0	56·8	59·3	56·0	63·1	57·0	56·8	52·1	55·2	51·9	64·0	54·2	SW	2–3	WSW	0	9	4	9	·122
10	0·014	0·031	0·027	9·997	9·999	55·1	54·0	56·0	55·0	61·9	60·2	62·9	60·2	60·9	58·1	63·8	54·2	S	0·3	SW	1	10	10	9	·020
11	9·983	9·985	0·008	0·008	0·029	57·2	57·0	57·2	57·0	60·2	58·6	58·3	57·0	58·2	56·7	64·8	56·5	SW	0·3	N	0·3	10	9	10	·033
12	0·177	0·193	0·185	0·165	0·162	57·8	56·2	58·0	57·0	64·7	60·4	62·1	59·6	54·1	52·5	67·8	55·2	NE	1	SW	0·5	9	9	4	·040
13	0·175	0·174	0·198	0·252	0·287	57·0	56·0	57·8	56·2	58·1	57·5	57·8	57·0	55·0	55·0	63·9	51·4	WSW	0	SW	0	10	10	10	·062
14	0·401	0·401	0·416	0·413	0·439	52·4	51·2	53·6	52·0	57·0	54·2	55·4	51·9	50·1	46·9	61·4	50·2	NE	0	NE	1	10	5	5	–
15	0·475	0·477	0·437	0·422	0·424	45·0	43·9	48·9	46·7	59·0	53·9	55·3	51·0	50·6	48·7	60·8	37·9	NE	1	SW	1	9	3	0	–
16	0·330	0·340	0·260	0·179	0·131	44·2	43·9	50·1	47·9	54·4	50·9	56·0	51·9	56·0	51·1	56·8	41·6	NE	0·3	SW	0–3	9	10	10	–
17	9·984	9·984	0·016	0·017	0·033	57·2	52·9	57·0	53·0	55·0	53·0	56·0	51·9	54·9	51·7	57·8	52·4	SW	1	SW	2–3	10	7	10	·102
18	9·962	9·958	9·892	9·804	9·733	55·3	53·9	55·2	53·2	54·6	54·0	50·2	49·1	52·5	51·9	59·3	48·7	SW	2	SW	2–3	10	10	10	**1·632**
19	9·487	9·504	9·494	9·459	9·445	49·1	45·9	48·1	44·9	50·1	44·1	45·5	42·9	44·3	42·6	53·7	47·7	WSW	2–3	SW	1–2	10	7	10	·010
20	9·482	9·479	9·477	9·535	9·565	43·3	41·5	45·1	42·9	50·1	44·8	47·8	42·0	41·3	38·9	51·7	41·3	SW	1	SW	0·5	7	9	4	·433
21	9·575	9·545	9·503	9·550	9·552	42·3	40·1	44·5	41·8	50·1	43·9	44·9	40·3	40·0	37·9	53·4	35·2	SW	1	E	0	9	4	6	·100
22	9·658	9·665	9·703	9·750	9·786	43·6	40·9	45·3	42·1	50·1	43·9	45·0	40·3	41·8	39·9	53·4	35·2	WSW	1	SSE	0·1	9	4	1	·030
23	9·791	9·793	9·721	9·709	9·722	41·1	39·2	43·2	40·1	50·9	44·2	46·0	42·7	41·0	38·9	51·7	37·2	SW	0·3	NE	0·5	9	9	2	–
24	9·772	9·764	9·695	9·639	9·714	35·9	34·8	42·1	39·9	48·2	41·0	41·0	39·1	39·0	37·9	50·7	34·2	E	0	W	1	7	9	3	·100
25	9·976	9·977	9·987	0·018	0·031	34·0	33·3	41·2	38·8	53·1	46·1	48·4	46·7	41·0	38·2	53·7	**32·2**	ENE	0·3	SE	1	3	5	0	·222
26	9·888	9·870	9·803	9·836	9·868	46·3	45·9	47·4	46·9	55·1	55·0	55·1	53·0	54·1	51·9	59·8	36·2	SW	1–2	SW	1	10	10	9	·200
27	9·814	9·804	9·782	9·814	9·787	53·9	52·9	54·3	52·5	55·1	51·9	54·1	48·2	52·1	49·9	56·8	47·0	SW	1	SW	1–2	9	10	7	·200
28	9·763	9·761	9·811	9·879	9·906	49·4	45·8	50·3	46·5	50·1	46·9	48·1	44·9	48·1	43·1	58·4	44·1	W	2	SE	2	8	10	4	·032
29	9·960	9·960	9·938	9·908	9·822	46·8	42·9	48·1	43·8	52·9	46·9	50·3	45·9	49·3	47·9	54·6	45·2	NE	1	SW	0·3	6	9	10	·010
30	9·834	9·836	9·940	0·023	0·102	46·3	44·4	49·9	45·9	50·1	45·4	47·8	44·7	45·0	42·7	53·6	43·1	NE	1	NE	1	7	6	2	–
MEAN.	9·997	9·997	9·984	9·982	9·991	50·3	48·5	52·2	49·8	57·4	52·8	54·6	51·0	51·3	49·1	60·4	46·4		0·72		0·77	8·0	7·2	6·2	3·882

OCTOBER 1889.

	Ins.	Ins.	Ins.	Ins.	Ins.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n.	Force.	Dir'n.	Force.				Ins.
1	0·163	0·160	0·142	0·138	0·144	45·5	43·9	48·1	45·2	54·3	48·1	49·3	45·9	42·0	40·9	**57·8**	40·1	NE	1	NE	0·3	5	7	0	–
2	0·057	0·032	9·920	9·876	9·846	36·7	35·8	40·6	39·2	50·3	46·1	48·1	44·9	46·0	44·9	55·7	35·4	E	0·3	Calm	0	0	5	10	–
3	9·769	9·759	9·715	9·726	9·724	41·3	39·9	44·0	41·9	52·3	46·9	48·1	43·9	45·0	41·9	53·7	39·3	NE	0	SE	0	6	9	9	·102
4	9·537	9·597	9·543	9·529	9·513	47·0	46·1	47·4	46·9	52·6	50·7	49·4	48·9	48·1	47·1	53·7	46·9	SE	0	N	0	10	10	7	·122
5	9·535	9·532	9·546	9·518	9·551	47·2	46·7	48·6	47·4	53·3	49·2	49·3	47·9	49·1	47·9	54·7	45·3	E	0	W	0	9	9	10	·300
6	9·531	9·541	9·561	9·513	9·402	49·1	47·7	50·3	48·9	52·1	47·9	49·4	47·9	49·1	46·6	55·7	46·3	SW	1	SSW	1	10	8	9	·380
7	8·798	8·796	8·857	8·936	8·955	48·1	45·9	48·3	45·9	50·1	46·9	49·3	45·7	49·1	43·9	51·0	46·8	NE	1	W	3–4	10	10	10	·620
8	9·043	9·063	9·042	8·938	8·893	44·0	41·9	43·0	41·1	39·2	38·2	39·0	37·9	35·9	35·8	50·7	42·3	WSW	1	E	0·3	7	10	6	**·710**
9	8·780	8·768	8·744	8·862	8·904	42·5	38·9	43·8	40·1	43·2	41·9	42·0	40·9	39·0	37·7	45·8	35·2	E	1	SE	0·5	10	10	1	·048
10	9·075	9·093	9·182	9·310	9·358	40·8	39·9	43·2	41·8	49·6	46·9	47·0	45·9	45·0	43·9	50·7	36·2	ENE	0	SW	0	10	10	7	·082
11	9·429	9·441	9·469	9·498	9·562	44·2	43·9	45·2	44·9	50·1	47·7	44·0	42·9	38·0	37·5	52·7	42·1	N	0	SE	0	10	7	0	·012
12	9·668	9·666	9·666	9·689	9·709	37·8	37·7	39·3	39·1	53·4	48·7	46·0	43·9	43·0	41·9	55·7	33·2	NE	0	SE	0·3	2	6	3	·012
13	9·809	9·810	9·834	9·878	9·897	42·3	41·9	44·2	43·2	52·9	48·3	46·8	44·9	45·3	42·9	54·6	38·3	E	0	NE	0·5	9	8	9	–
14	9·916	9·928	9·870	9·856	9·833	38·0	37·3	41·1	41·9	52·0	47·9	47·0	44·9	44·0	42·9	52·7	36·9	NE	0	E	0	7	7	8	·010
15	9·691	9·664	9·590	9·574	9·600	50·0	45·2	50·9	46·1	51·1	47·9	48·3	47·9	49·2	48·9	53·4	41·3	SW	1–2	SW	0·5	10	10	10	·612
16	9·652	9·655	9·667	9·681	9·707	46·0	45·2	47·3	46·8	55·1	50·4	47·3	45·9	42·4	41·9	56·7	45·3	W	0	SW	0	7	6	1	–
17	9·743	9·745	9·728	9·697	9·682	35·5	35·7	38·2	38·1	54·3	49·9	44·0	42·2	40·3	39·9	54·7	33·3	NE	0·3	E	0	10	2	0	–
18	9·577	9·562	9·508	9·466	9·446	43·8	42·5	48·5	45·9	52·6	46·7	52·9	45·6	53·1	46·9	54·7	37·2	E	0·3	S	1–2	6	9	10	·030
19	9·427	9·408	9·376	9·408	9·380	49·1	46·2	50·0	46·8	53·4	48·9	49·1	45·9	48·3	44·1	54·7	47·3	NE	1	SE	1	9	9	7	·036
20	9·329	9·348	9·427	9·473	9·551	49·1	46·9	50·4	47·0	53·1	48·9	51·1	47·9	50·4	46·7	54·7	47·3	ESE	1–2	ENE	2	9	8	7	·032
21	9·593	9·627	9·629	9·671	9·716	48·3	45·9	49·4	46·2	52·9	47·9	50·1	46·7	49·1	45·9	53·7	44·1	NE	2–3	NE	1–2	8	9	8	·010
22	9·820	9·839	9·845	9·868	9·889	45·0	42·9	44·0	42·1	51·9	46·7	45·0	42·9	45·2	44·1	53·7	43·3	NE	0·3	E	0·3	6	4	4	·020
23	9·978	9·976	9·993	0·012	0·040	39·0	37·9	40·2	38·9	[51·0	48·0]	46·0	43·9	44·0	42·9	52·0	37·5	E	0·5	E	0	2	7	10	·062
24	0·157	0·165	0·163	0·207	0·242	39·3	38·9	41·0	40·1	48·0	45·7	50·4	45·2	35·9	34·8	51·7	38·5	N	0	E	0	9	3	0	–
25	0·352	0·352	0·346	0·358	0·389	31·9	31·1	33·2	32·1	44·3	43·8	41·0	37·9	39·0	35·8	48·0	30·3	E	0	E	0·5	0	3	2	–
26	0·397	0·401	0·380	0·367	0·336	35·7	33·9	35·9	34·8	44·0	41·4	41·2	39·9	40·0	38·9	46·2	**30·0**	NE	0·3	E	1	0	10	7	·023
27	0·254	0·244	0·121	0·089	0·068	36·0	34·6	35·1	33·8	47·4	40·6	38·1	35·6	39·0	37·2	47·5	34·4	E	0	E	0·5	0	1	1	–
28	9·997	9·972	9·876	9·854	9·822	31·1	31·0	30·9	30·8	46·0	41·8	38·3	36·2	40·0	37·1	46·6	30·2	E	0	N	0	2	3	0	·058
29	9·648	9·639	9·580	9·581	9·569	44·0	42·1	45·0	42·9	47·6	46·9	49·9	49·2	49·1	47·9	50·1	31·2	SW	1–2	SW	1–2	10	10	10	·260
30	9·378	9·358	9·272	9·337	9·377	52·4	50·4	52·0	50·2	52·3	51·9	45·0	44·7	42·9	35·8	54·7	46·3	SW	2–3	SW	2–3	8	10	10	·570
31	9·593	9·603	9·621	9·603	9·539	44·3	42·5	47·0	44·1	48·7	46·9	51·1	46·9	50·8	46·7	51·7	40·5	WSW	1–2	SW	2	8	10	10	·612
MEAN.	9·668	9·669	9·652	9·662	9·666	42·7	41·3	44·1	42·4	50·3	46·8	46·6	44·2	44·4	42·3	52·6	39·4		0·61		0·68	6·8	7·4	6·0	4·723

NOVEMBER 1889.

	Barometer reduced to 32° and Sea Level.					Temperature—Dry and Wet Bulbs.										S. R. Thermometers. Read at		Direction and Force of Wind (0-12).				Amount of Cloud (0-10).			Rainfall.
	8h	9h	14h	18h	21h	8h		9h		14h		18h		21h		18h	9h	9h		21h		9h	14h	21h	9h
	Ins.	Ins.	Ins.	Ins.	Ins.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n.	Force.	Dir'n.	Force.				Ins.
1	9·040	8·998	8·975	9·177	9·295	45·0	42·9	43·9	42·9	43·5	41·2	45·0	41·9	44·0	40·2	51·7	44·3	E	1–2	W	2–3	9	10	10	·870
2	9·543	9·557	9·643	9·703	9·701	45·8	42·2	47·0	42·9	47·3	43·2	43·0	40·9	40·0	37·9	47·7	42·3	W	2	SW	1	9	9	1	·048
3	9·532	9·520	9·526	9·561	9·644	41·0	39·9	41·2	40·1	44·4	43·9	44·9	44·3	43·2	42·9	45·1	38·3	NE	0	W	0	10	10	10	·162
4	9·778	9·776	9·771	9·766	9·756	40·8	39·9	41·1	39·9	43·0	41·2	38·0	36·2	35·9	34·9	49·8	38·3	NE	0·3	SW	0	9	4	1	·385
5	9·645	9·657	9·712	9·786	9·905	45·5	42·9	46·0	43·3	46·9	45·8	48·1	46·9	46·8	43·8	48·7	35·2	SW	1–2	SW	1–2	9	10	9	·156
6	0·133	0·159	0·134	0·136	[0·151]	45·0	42·2	46·0	43·7	49·1	48·1	49·1	48·9	48·1	45·9	49·7	40·3	WSW	1	W	0·3	9	10	5	·390
7	0·135	0·146	0·172	0·294	0·353	53·1	52·1	52·1	51·9	54·7	53·8	48·3	45·9	52·1	51·9	**55·7**	47·7	SW	1–2	SW	1	10	8	10	·210
8	0·380	0·382	0·334	0·264	0·253	48·1	45·2	49·6	46·7	48·7	47·9	49·3	49·2	52·1	51·9	52·7	46·3	SW	1	SW	1	7	10	10	·306
9	0·256	0·288	0·293	0·294	0·299	52·9	51·2	53·1	51·1	53·5	51·3	51·1	49·7	50·1	48·9	54·6	46·3	SW	0·5	SW	1–2	9	10	10	·020
10	0·324	0·345	0·337	0·352	0·365	51·3	50·7	51·7	50·9	53·4	52·8	51·1	50·1	50·1	49·3	53·9	49·2	SW	0·5	SW	1	9	10	10	·016
11	0·389	0·399	0·364	0·316	0·314	47·2	47·1	49·1	46·8	50·3	49·0	49·1	47·9	48·9	47·9	51·7	45·3	SW	0·3	SW	1–2	7	9	10	–
12	0·231	0·239	0·229	0·247	0·284	51·1	48·1	51·1	48·2	51·3	49·1	50·3	48·9	49·1	48·9	52·7	47·3	SW	1–2	SW	0	9	10	9	·158
13	0·292	0·295	0·235	0·212	0·218	46·9	46·4	46·9	46·2	49·0	47·8	42·0	41·9	39·0	38·9	50·9	46·2	Calm	0	E	0	9	3	9	·010
14	0·211	0·225	0·212	0·181	0·165	38·3	35·0	36·7	36·6	41·1	40·2	42·0	41·3	42·2	41·9	43·8	34·7	E	0	Calm	0	10	10	10	·112
15	0·065	0·062	0·040	0·040	0·043	49·7	48·1	50·9	48·2	53·7	48·7	52·1	48·9	49·1	48·7	53·9	34·3	SW	1	SW	1	9	8	10	·150
16	0·428	0·466	0·525	0·575	0·587	42·0	39·0	41·0	38·3	46·0	42·9	40·1	37·5	36·1	35·1	52·7	40·3	SE	0·3	SW	0·3	3	4	3	·010
17	0·571	0·573	0·553	0·541	0·547	38·6	37·2	42·0	40·3	46·0	43·9	46·3	44·0	46·0	44·5	47·1	32·1	SW	0·3	SW	0·5	9	9	10	·010
18	0·527	0·530	0·510	0·496	0·494	45·0	44·2	46·0	45·2	50·1	48·9	50·6	49·1	51·9	49·6	50·9	41·3	SW	0	SW	1–2	10	10	10	·020
19	0·479	0·479	0·493	0·491	0·502	50·1	48·9	50·1	48·9	51·1	49·1	50·2	48·0	49·1	46·9	52·7	44·0	WSW	0	SW	0·5	10	9	9	–
20	0·510	0·517	0·497	0·459	0·435	48·7	46·9	48·4	46·7	48·5	47·8	47·9	46·3	47·0	43·9	50·6	47·4	SW	1	SE	0·3	6	10	10	·010
21	0·283	0·277	0·215	0·154	0·080	48·1	45·1	48·0	45·1	49·3	45·9	47·3	44·1	51·2	46·9	50·3	45·3	SW	1	SW	1–2	9	8	9	·230
22	9·970	9·971	9·973	9·980	0·010	48·1	46·9	48·1	46·9	47·4	46·1	46·2	45·1	46·3	45·1	**55·7**	46·3	SW	0·3	SW	1	10	10	10	·280
23	0·130	0·159	0·140	0·053	0·018	44·8	40·9	44·8	41·1	47·4	43·9	46·0	43·0	45·0	40·9	47·9	42·3	WSW	0·3	SW	2–3	6	4	1	·070
24	9·685	9·655	9·440	9·297	9·210	45·1	43·9	46·0	44·7	47·0	46·3	47·1	46·3	47·0	46·4	47·6	42·3	SW	2	SW	1–2	10	10	10	·752
25	9·328	9·370	9·492	9·544	9·568	37·0	35·8	36·9	35·4	39·2	33·0	36·0	32·0	36·9	33·0	47·7	35·2	E	1	W	1	8	3	0	·082
26	9·486	9·521	9·548	9·564	9·628	31·1	30·8	31·8	31·0	35·2	31·8	31·0	30·8	32·9	31·8	37·8	29·7	NE	0·3	W	1	10	5	10	·140
27	9·895	9·939	0·061	0·154	0·204	27·9	26·8	28·1	27·7	34·1	32·8	27·9	27·8	28·4	28·1	34·8	**25·4**	E	0	NE	1	3	5	1	–
28	0·233	0·233	0·228	0·222	[0·200]	37·0	34·8	35·9	34·3	38·8	36·6	37·0	36·0	37·4	36·6	41·1	26·7	S	1	SW	0·8	9	7	10	·022
29	0·110	0·102	0·024	9·992	9·964	41·0	40·7	40·8	40·1	43·0	42·7	43·0	40·9	42·1	40·0	44·8	35·2	SW	0	SW	1	9	10	10	·012
30	9·910	9·924	9·936	9·956	9·999	45·0	41·1	45·8	40·7	48·3	44·7	43·3	41·6	47·0	44·9	49·1	38·9	S	1–2	SW	1	8	9	10	·274
MEAN.	0·050	0·059	0·052	0·058	0·073	44·2	42·5	44·7	42·9	46·5	44·5	44·6	43·1	44·5	42·9	48·9	40·3		0·72		0·92	8·5	8·1	7·9	4·905

DECEMBER 1889.

	Ins.	Ins.	Ins.	Ins.	Ins.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n.	Force.	Dir'n.	Force				Ins.
1	0·116	0·133	0·160	0·164	0·198	46·0	45·9	46·0	45·7	47·4	45·9	48·7	45·9	48·1	45·7	49·7	44·5	SW	1	SW	1–2	10	10	10	·214
2	0·190	0·207	0·217	0·214	0·246	46·0	43·1	46·2	43·1	46·1	42·9	44·0	41·9	43·2	41·0	49·7	39·3	SW	1	W	0·3	10	10	10	·120
3	0·306	0·341	0·353	0·371	0·399	43·0	39·9	42·0	39·4	43·4	39·7	39·0	35·6	33·9	32·8	44·8	41·3	SW	0·3	E	0	9	9	4	–
4	0·469	0·490	0·487	0·531	0·547	29·9	27·8	31·9	28·1	36·1	33·0	39·0	35·0	35·9	32·8	39·8	**28·2**	NE	0	E	0	6	2	1	–
5	0·627	0·610	0·641	0·641	0·639	34·9	32·8	32·9	31·1	39·8	35·8	40·0	36·8	41·3	37·9	39·8	32·2	SE	1	SW	1–2	7	9	9	·022
6	0·473	0·447	0·236	0·100	0·034	39·0	37·2	37·3	40·1	41·2	40·9	43·0	42·9	44·2	43·9	43·8	33·3	SW	1	SW	1–2	10	10	10	·542
7	0·139	0·162	0·160	0·139	0·132	36·7	34·1	34·7	32·8	39·0	37·7	40·5	39·2	42·0	41·9	46·1	33·7	SW	0·3	SW	1	1	9	10	·150
8	0·058	0·039	9·905	9·794	9·706	43·0	41·1	43·0	42·1	44·0	42·1	44·0	43·7	48·4	48·2	44·8	33·3	SSW	1	SW	1–2	10	10	10	·790
9	9·519	9·505	9·424	9·341	9·279	51·1	49·4	50·1	48·9	46·6	43·9	44·0	41·1	42·4	39·9	51·7	42·3	WSW	2–3	WSW	2	10	9	9	·210
10	8·951	9·003	9·027	9·081	9·141	39·6	37·5	41·4	38·0	37·9	37·1	36·3	35·0	34·9	33·6	46·6	38·3	SW	1	W	0·3	9	9	4	·220
11	9·454	9·492	9·598	9·630	9·735	35·9	32·8	31·9	30·0	36·0	32·8	34·9	32·2	34·0	32·3	38·8	31·4	SSE	0·3	SE	0	1	0	10	–
12	9·792	9·798	9·680	9·532	9·398	30·9	29·8	31·7	30·4	39·4	36·0	42·3	39·6	44·8	41·5	43·0	29·2	E	0	SW	2	9	4	10	1·130
13	9·518	9·551	9·668	9·851	9·913	39·0	37·6	38·0	31·2	41·8	39·9	39·0	37·7	39·0	38·9	45·8	29·2	WSW	0	SE	1	10	6	10	·210
14	0·092	0·094	0·064	0·018	0·037	35·9	35·3	36·3	35·8	44·8	40·9	45·2	41·9	44·8	42·9	45·8	33·2	SSE	0	ESE	1	0	9	10	·152
15	0·236	0·254	0·218	0·164	0·098	44·2	42·9	42·2	40·9	46·8	45·1	44·6	41·9	45·1	41·9	46·8	35·2	SW	0·3	WSW	2–3	6	10	7	·248
16	0·134	0·176	0·232	0·214	0·131	46·0	42·9	45·8	42·1	45·4	41·9	46·0	43·9	47·9	43·8	48·7	41·3	WSW	1–2	SSE	2–3	7	3	8	·840
17	9·976	9·993	0·070	0·070	0·020	51·1	49·9	50·1	46·9	48·3	43·9	48·1	44·9	46·6	43·9	51·7	43·3	SW	2	SW	1–2	8	7	10	·750
18	9·627	9·597	9·869	0·022	0·050	49·4	48·9	48·9	47·9	43·2	39·2	39·2	37·2	40·0	37·9	50·7	42·6	SW	3–4	SW	1	10	4	0	**1·366**
19	9·747	9·746	9·677	9·569	9·530	43·0	42·1	43·0	42·1	41·8	39·9	38·0	37·9	35·9	35·4	45·8	38·3	SW	1–2	SW	1	10	10	10	·832
20	9·468	9·460	9·363	9·368	9·358	35·9	34·8	35·8	34·1	35·9	35·0	34·3	33·8	35·9	34·8	40·8	34·2	SSW	1	SW	1	5	8	10	·710
21	9·428	9·432	9·528	9·553	9·546	34·9	34·8	35·1	34·8	40·2	37·6	32·1	31·8	30·2	28·8	41·8	33·4	SW	1	NE	0	7	2	0	·132
22	9·310	9·321	9·376	9·474	9·550	40·2	37·0	40·2	37·9	40·0	39·1	39·4	38·7	38·8	38·7	42·8	28·4	SSE	2–3	NE	0	10	10	10	·068
23	9·765	9·777	9·705	9·671	9·563	39·0	38·9	38·8	38·7	46·3	42·9	45·0	41·9	45·0	44·1	47·7	37·2	NE	0	SW	1–2	10	9	10	·930
24	9·488	9·495	9·653	9·716	0·057	41·8	40·1	41·2	39·9	40·0	39·1	39·0	36·8	40·0	37·9	51·7	40·5	SSE	0·5	W	1	10	8	9	·100
25	0·187	0·191	0·166	0·173	0·184	44·0	41·9	43·4	41·9	46·0	43·9	48·1	45·1	49·1	45·1	49·7	36·2	SW	1–2	SW	2–3	9	8	10	·043
26	0·253	0·276	0·282	0·357	0·399	46·0	45·2	46·0	45·5	47·0	44·9	46·4	46·3	47·0	46·9	**53·7**	41·3	SW	2–3	SW	1	10	10	10	·100
27	0·381	0·387	0·363	0·363	0·366	47·0	42·3	46·2	42·1	45·3	41·7	43·0	38·9	42·0	38·1	48·7	45·3	SW	1–2	SW	1–2	9	8	9	–
28	0·261	0·249	0·103	0·115	0·088	31·7	29·1	30·8	28·5	34·1	30·8	35·2	29·8	35·9	33·0	43·8	29·7	SSE	0·5	SW	1	0	1	10	–
29	0·189	0·202	0·214	0·289	0·318	35·9	34·1	34·9	33·8	37·4	30·1	36·4	35·5	33·6	32·8	39·7	32·5	E	0	NE	0	10	10	4	·082
30	0·197	0·240	0·120	0·056	0·002	35·9	35·8	36·5	36·2	45·2	42·9	45·5	43·9	45·0	44·4	47·0	32·2	S	0	SW	1–2	10	10	10	·320
31	9·802	9·806	9·739	9·883	9·973	47·3	46·1	46·0	45·9	47·0	46·7	42·3	40·2	40·5	39·1	46·9	43·3	SW	1–2	SW	0·5	10	10	2	·622
MEAN.	9·940	9·951	9·945	9·950	9·956	40·8	39·1	40·3	38·6	42·4	39·8	41·4	39·3	41·1	39·4	45·7	36·3		0·99		1·08	7·8	7·5	7·9	10·903

Monthly and Annual Means at Ben Nevis Observatory, 4407 feet above Sea Level.

BAROMETER. 1889.

	Mid-night.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
Jan.	5·407	5·402	5·395	5·389	5·386	5·378	5·377	5·378	5·382	5·387	5·390	5·390	5·390	5·383	5·382	5·380	5·383	5·388	5·390	5·397	5·398	5·403	5·404	5·403	5·400	5·390
Feb.	·205	·201	·196	·192	·188	·187	·185	·187	·191	·195	·198	·206	·210	·209	·209	·212	·208	·208	·210	·210	·209	·209	·210	·208	·211	·202
Mar.	·283	·279	·274	·268	·262	·259	·260	·265	·272	·275	·282	·285	·288	·287	·288	·287	·287	·287	·290	·291	·293	·290	·287	·286	·284	·280
Apr.	·157	·154	·149	·147	·145	·140	·144	·147	·152	·153	·157	·161	·158	·158	·158	·160	·156	·158	·155	·157	·156	·158	·154	·152	·149	·153
May	·304	·301	·294	·288	·288	·288	·289	·297	·295	·300	·302	·302	·304	·302	·306	·304	·304	·303	·304	·304	·309	·312	·311	·307	·305	·301
June	·534	·532	·528	·523	·522	·523	·527	·533	·538	·544	·546	·550	·555	·554	·556	·553	·554	·553	·552	·553	·554	·558	·558	·558	·557	·545
July	·421	·416	·410	·403	·397	·391	·392	·394	·399	·404	·407	·408	·412	·417	·422	·423	·413	·410	·411	·417	·416	·419	·419	·416	·411	·409
Aug.	·261	·256	·252	·247	·244	·243	·245	·249	·255	·261	·267	·271	·276	·279	·283	·283	·280	·281	·277	·277	·280	·278	·276	·273	·268	·267
Sept.	·475	·471	·467	·460	·457	·456	·460	·462	·466	·470	·473	·476	·478	·478	·475	·472	·468	·466	·468	·472	·474	·471	·472	·472	·467	·469
Oct.	·145	·139	·132	·122	·121	·122	·125	·128	·132	·133	·136	·136	·138	·137	·135	·137	·136	·138	·143	·143	·143	·140	·136	·132	·128	·134
Nov.	·459	·455	·450	·449	·442	·442	·445	·446	·451	·459	·465	·469	·466	·467	·464	·462	·463	·468	·472	·475	·476	·479	·482	·479	·477	·463
Dec.	·341	·333	·333	·331	·326	·325	·324	·327	·333	·341	·345	·345	·345	·339	·339	·341	·346	·342	·344	·346	·349	·349	·345	·343	·340	·339
Year	·333	·328	·323	·318	·315	·313	·314	·318	·322	·327	·331	·333	·335	·334	·335	·334	·333	·334	·335	·337	·338	·339	·338	·336	·333	·329

TEMPERATURE.

Jan.	27·5	27·3	27·3	27·4	27·4	27·5	27·6	27·6	27·2	27·5	27·7	27·6	27·4	27·6	27·3	27·0	26·8	26·7	26·8	26·7	26·9	27·0	27·2	27·4	27·6	27·3
Feb.	21·8	21·4	21·2	20·8	21·1	21·0	20·8	21·0	21·0	21·2	21·5	21·6	21·9	22·1	22·1	21·9	21·5	21·1	21·1	21·4	21·5	21·4	21·2	21·3	21·2	21·3
Mar.	23·5	23·5	23·8	23·8	23·7	23·9	23·9	24·0	24·3	24·8	25·1	25·3	25·4	25·7	25·7	25·6	25·3	24·9	24·5	24·4	24·3	24·3	24·3	24·1	23·9	24·5
Apr.	25·5	25·1	25·2	25·1	24·9	24·8	24·9	25·2	25·5	25·7	26·0	26·5	26·9	27·0	27·0	27·0	26·9	26·7	26·4	26·0	26·0	25·9	25·9	25·8	25·7	25·9
May	36·8	36·5	36·2	36·2	36·2	36·4	36·5	36·7	37·2	37·8	38·5	39·1	39·7	40·3	40·5	40·3	40·1	39·5	39·2	38·9	38·3	37·8	37·5	37·2	36·8	38·1
June	41·2	40·9	40·5	40·1	39·8	40·0	40·5	41·1	42·0	42·8	44·1	45·0	45·7	46·2	46·4	46·3	46·1	45·6	45·1	44·6	43·3	42·7	42·1	41·7	41·3	43·1
July	39·1	39·0	38·9	38·9	38·7	38·7	38·9	39·4	40·0	40·7	41·5	41·9	42·6	43·4	43·4	43·5	43·4	43·0	42·7	42·2	41·4	40·6	40·1	39·9	39·6	40·9
Aug.	38·5	38·4	38·3	37·9	37·9	37·6	37·5	37·5	37·8	38·4	39·0	39·4	39·7	40·0	40·2	40·1	39·7	39·4	38·9	38·6	38·6	38·6	38·6	38·4	38·2	38·7
Sept.	37·3	37·3	37·2	37·1	36·8	36·7	36·5	36·8	37·4	37·7	38·1	38·7	39·1	39·6	39·5	39·5	39·1	38·5	38·1	37·6	37·4	37·3	37·0	36·9	36·9	37·8
Oct.	29·7	29·6	29·5	29·3	29·4	29·5	29·6	29·5	29·8	30·5	30·8	31·2	31·4	31·6	31·6	31·7	31·3	31·0	30·7	30·5	30·3	30·1	30·1	29·8	29·9	30·4
Nov.	29·9	29·9	29·9	30·0	30·2	30·2	29·9	30·0	30·1	30·7	30·5	30·6	30·9	30·9	30·9	30·7	30·5	30·4	30·3	30·4	30·4	30·5	30·6	30·5	29·9	30·4
Dec.	27·1	27·2	27·2	27·3	27·2	27·0	26·9	27·0	26·8	26·4	26·4	26·5	26·5	26·3	26·3	26·2	26·1	26·0	26·3	26·7	26·8	26·8	26·8	27·0	26·9	26·7
Year	31·5	31·3	31·3	31·2	31·1	31·1	31·1	31·3	31·6	32·0	32·4	32·8	33·1	33·4	33·4	33·3	33·1	32·7	32·5	32·3	32·1	31·9	31·8	31·7	31·5	32·2

WIND FORCE.

Jan.	2·55	2·47	2·77	2·53	2·44	2·35	2·42	2·52	2·47	2·56	2·60	2·76	2·76	2·79	2·60	2·40	2·16	2·34	2·48	2·35	2·39	2·66	2·50	2·48	2·55	2·51
Feb.	2·16	2·18	2·48	2·30	2·07	2·00	2·21	2·00	2·18	2·09	2·05	2·36	2·09	1·96	1·91	1·73	1·73	1·66	2·16	2·27	2·45	2·57	2·38	2·32	2·23	2·14
Mar.	2·29	2·34	2·45	1·94	1·98	1·95	2·05	2·02	1·97	1·85	1·79	2·05	2·02	2·29	1·92	1·73	1·48	1·76	2·06	2·10	2·15	2·13	2·42	2·21	2·26	2·04
Apr.	2·86	2·75	2·70	2·80	2·65	2·57	2·68	2·70	2·78	2·90	2·98	2·68	2·52	2·68	2·72	2·77	2·58	2·18	2·43	2·40	2·78	2·88	2·88	2·92	2·97	2·71
May	2·81	2·69	2·60	2·56	2·47	2·29	2·34	2·05	2·27	1·90	1·94	2·21	2·11	2·26	2·18	2·13	2·18	1·98	2·24	2·27	2·34	2·53	2·56	2·61	2·71	2·31
June	1·72	1·75	1·83	1·78	1·67	1·77	1·70	1·53	1·60	1·43	1·43	1·32	1·23	1·30	1·33	1·52	1·30	1·28	1·22	1·35	1·52	1·60	1·78	1·62	1·65	1·52
July	1·27	1·31	1·47	1·58	1·55	1·15	1·18	1·35	1·35	1·21	1·24	1·02	1·10	0·95	1·13	1·11	1·16	0·95	1·10	1·27	1·29	1·53	1·23	1·24	1·32	1·24
Aug.	1·85	1·82	1·76	1·82	1·85	1·56	1·52	1·45	1·19	1·32	1·34	1·32	1·19	1·00	1·23	1·23	1·27	1·06	1·32	1·19	1·52	1·63	1·71	1·60	1·77	1·45
Sept.	2·50	2·25	2·47	2·45	2·33	2·27	2·42	2·38	2·23	2·07	1·92	1·98	2·02	1·83	2·18	1·98	2·07	2·28	2·42	2·47	2·48	2·53	2·38	2·35	2·53	2·26
Oct.	2·19	2·19	2·48	2·37	2·39	2·35	2·39	2·35	2·27	2·47	2·40	2·47	2·42	2·40	2·06	1·73	1·92	2·32	2·18	2·32	2·06	2·13	2·26	2·29	2·35	2·27
Nov.	2·47	2·55	2·55	2·57	2·82	3·00	3·23	3·20	2·95	3·15	3·20	2·78	2·87	2·77	2·33	2·28	2·68	3·05	2·88	3·00	2·40	2·43	2·38	2·32	2·33	2·74
Dec.	3·06	3·08	3·26	3·47	3·11	3·34	3·27	3·60	3·52	3·44	3·60	3·58	3·61	3·66	3·24	2·89	2·90	3·40	3·39	3·31	3·03	3·08	3·00	3·08	3·03	3·29
Year	2·31	2·28	2·40	2·35	2·28	2·22	2·28	2·26	2·23	2·20	2·21	2·21	2·16	2·16	2·07	1·96	1·95	2·02	2·16	2·19	2·20	2·31	2·29	2·25	2·31	2·21

WIND DIRECTIONS.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
N	171	273	232	151	5	73	210	204	206	81	160	127	1893
NE	37	114	72	69	3	14	52	43	20	63	53	11	551
E	23	109	53	170	61	18	49	49	13	105	4	2	656
SE	65	13	84	90	268	111	97	44	99	165	40	92	1168
S	131	13	27	95	272	144	76	59	121	114	86	156	1294
SW	146	24	84	56	80	160	44	81	104	91	197	183	1250
W	85	43	90	55	23	102	56	134	58	45	104	59	854
NW	65	55	76	10	7	30	63	59	29	25	60	98	577
Calm or Var.	21	28	26	24	25	68	97	71	70	55	16	16	517

HOURS OF SUNSHINE.

	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	Total.	Per Centage of Possible.
January	–	–	–	–	–	0·36	2·92	2·80	4·46	4·88	3·40	2·17	1·83	–	–	–	–	–	22·82	10
February	–	–	–	–	0·25	1·23	2·13	2·65	4·37	5·19	3·36	2·75	3·10	1·62	0·17	–	–	–	26·82	10
March	–	–	–	–	1·88	2·17	2·37	3·22	3·19	2·97	3·48	3·53	2·03	1·75	0·29	–	–	–	26·88	7
April	–	–	–	0·97	4·93	4·63	5·28	4·90	5·92	6·78	4·49	3·43	3·47	2·41	2·38	2·30	–	–	51·89	12
May	–	–	1·76	3·43	3·01	5·08	4·44	6·05	6·68	7·48	5·51	7·88	5·95	6·43	4·50	4·10	1·65	–	73·95	14
June	–	4·53	8·00	12·44	14·01	13·78	14·97	16·42	16·60	15·09	14·30	13·13	13·01	13·03	14·65	13·82	11·53	3·28	212·59	40
July	–	–	0·41	2·85	7·11	9·37	8·77	8·76	8·64	8·17	7·66	6·85	6·19	7·46	6·28	5·71	2·16	0·28	96·67	18
August	–	–	0·58	0·57	0·42	0·92	1·75	1·54	1·15	0·36	0·20	0·39	0·08	0·03	0·05	0·17	0·50	–	8·71	2
September	–	–	–	0·25	3·67	4·90	3·12	3·94	5·75	5·38	4·67	4·75	4·39	3·27	2·38	–	–	–	46·47	12
October	–	–	–	–	2·28	5·92	5·08	5·27	5·37	4·69	4·89	4·72	4·08	1·81	–	–	–	–	44·11	14
November	–	–	–	–	0·10	1·00	1·00	1·54	2·09	2·15	0·98	1·05	0·87	0·03	–	–	–	–	10·81	4
December	–	–	–	–	–	0·72	2·05	2·27	1·80	0·92	2·10	1·16	0·10	–	–	–	–	–	11·12	5
Year	–	4·53	10·75	20·51	37·66	50·08	53·88	59·36	66·02	64·06	55·04	51·81	45·10	37·84	30·70	26·10	15·84	3·56	632·84	14

BEN NEVIS OBSERVATORY.—LOG-BOOK, 1889.

Jan. 1.—Fog till 6^h and cloudless sky for the rest of the day, but thin fog was capping summit at several hours in afternoon. The thermometer box was shifted at 8^h 30^m. At 13^h and 14^h double fogbows were seen; at the latter hour the bow was triple at times. At 19^h, 20^h, and 21^h aurora was seen. At 21^h it consisted of a single well defined arch, stretching from N.W. to N.N.E., and at its highest point was about 7° above horizon.

Jan. 2.—Till 3^h the sky was cloudless, but thin fog was passing the summit. The aurora was seen at 1^h. Thick fog enveloped the top from 4^h till 16^h., and mist thereafter. The fog was very white, dry, and dense all morning, though there was a bluish tint overhead most of the time.

Jan. 3.—The temperature was about 31° all day, but small drizzling rain was falling which formed an icy crust on all exposed surfaces.

Jan. 4.—At night it was noted that the icy crust on all surfaces was distinctly sonorous, emitting a musical note when struck. This crust consisted of feathery formations like those formed by fog-crystals, but not so delicate in texture as these, and seemed to be a mixture of snow and ice.

Jan. 6.—At 13^h 15^m the thermometer box was shifted. The box was raised one step on ladder stand. The top was clear at 8^h, 16^h, and 17^h. Fog very thin all day.

Jan. 7.—The top was clear from 6^h till noon. Fog lay on the hills to E. and S. most of the forenoon. At 12^h a gloomy appearance was observed to W. and S.W.

Jan. 8.—The values for the amount of rain or snow on daily and monthly sheets for the hours from 2 to 9 inclusive to-day are interpolations. At these hours the drift rendered the working of the raingauge useless.

Jan. 9.—At 6^h St. Elmo's Fire was seen on tower and kitchen chimney. There were about a dozen different brushes on tower, each about 2in. long. On kitchen chimney besides the brushes on top of cowl, there was one on a piece of snow that projected about a foot from chimney two feet from the top. Fizzing sound heard; on raising an ice-axe, the Fire was seen on its upper end, and a slight current felt in the arm holding it. Flakey snow falling at the time. St. Elmo's Fire was heard on the observer's hat, hair, and pencil at 13^h, but nothing could be seen.

Jan. 10.—Thin fog on top till 7^h, but top clear and sky cloudless thereafter till 23^h. Haze in valleys most of the day, and Stratus-fog on western hills in afternoon. A fogbow, glory, and solar corona were seen at 9^h. The corona was triple. Measurements of radii of rings as got by stephanome were:—

1st ring	1° 51′	measurements not very good.
2nd ,,	2° 47′ and 3° 5′ 30″	
3rd ,,	5° 34′	

The thermometer box was shifted after the 10^h observation. The earth and Ben shadows were seen at 16^h. At 19^h a faint milkiness in N. sky to about 15° altitude was supposed to have been auroral. After 20^h, cirrus stripes were seen near W. and N.W. horizon lying S.W. to N.E.

Jan. 11.—During the last two days a considerable depth of soft, loose snow lay on the summit, and to-day it drifted heavily—a moderate gale having blown almost all day. No fresh snow was falling to-day apparently. The top was clear for short intervals in afternoon and evening, showing a sky heavily clouded with cumulo-stratus.

Jan. 12.—Thin fog on top or passing all day. Lunar coronæ were seen at 19^h and 21^h, at the latter hour the corona was triple. The 6^h observation was made 3^m late.

Jan. 13.—Thin fog till 3^h, at 14^h and 15^h, and after 18^h, but fog on the lower hills all day. The thermometer box was shifted after the 5^h observation. The wet-bulb had not been wetted till 5^h 45^m, and at 6^h the reading was unsatisfactory, being higher than that of dry-bulb. Extra readings were taken at 6^h 15^m and 6^h 30^m, and the former are those entered at 6^h on daily sheet. A solar halo was seen at 11^h and 12^h, and lunar coronæ at 2^h, 3^h, 4^h, 21^h, and 22^h, double at times. The radiating points of the cirrus to-day were N. and S.

Jan. 14.—A lunar halo was seen at 3^h. The 21^h observation was taken at 21^h 4^m.

Jan. 16.—Fog crystals, slightly brown, forming all morning. At 19^h the raingauge was found half buried in drift. The reading for that hour is probably correct, though doubtful.

Jan. 17.—The amounts of snow entered at 12^h, 13^h, and 14^h on to-day's sheet are interpolations. At 12^h and 13^h the raingauge was each time completely buried in snow, and during the hour, 13^h–14^h, no gauge was out. Ice forming on surfaces after 18^h.

Jan. 18.—Raining heavily all morning, and hail, sleet, or snow falling in afternoon. Peculiarly shaped hailstones fell in the first shower after the rain had ceased. Each consisted of a core of dry snow, encased, except on top, in an icy crust. The top showed the hexagonal shape of an ordinary snow-flake.

Jan. 18.—The summit was clear at 13^h, and for short intervals during the afternoon. Between 2^h and 3^h this morning the observer was down near Buchan's Well, and both on outward and homeward journey a steady westerly wind of force 5, was experienced between the First Gorge and Buchan's Well, while on the summit the wind was N.W. to N., and very variable and squally.

Jan. 20.—Top clear at times in forenoon. The thermometer box was shifted at 10^h 30^m. At 1^h and 2^h

lunar coronæ were observed; at the former hour with four red rings, and at the latter with three.

Jan. 21.—Mist or fog till 16^h, but clear thereafter till midnight, and sky almost cloudless. Till 18^h there was detached fog over the lower hills, but none thereafter. The zodiacal light was seen in western sky from 19^h till 22^h; it reached to the border of the constellation Aries. From 20^h to 22^h the aurora was seen faint and low to N. At 23^h and midnight cum.-cir. clouds were observed to E., which retained their shape and position nearly the whole hour, though the particles of the cloud were in rapid motion from N. to S. At 22^h a dark cloud which covered the moon had its edges coloured. The central part of the cloud was opaque and very irregular in shape. The colours did not appear to belong to a system of rings, but conformed to the following order, namely—opaque, green, red. After the 17^h observation the thermometer box was taken off ladder No. 2, and mounted on ladder No. 1, and a fresh box was put out on No. 2. Readings were taken of the thermometers in both boxes till midnight, and the following are the means of these :—

Fresh Box in ladder No. 2. Box and bulbs in good order.			Box in ladder No. 1. Box encrusted with ice and snow, but bulbs in good order.		
Dry.	Wet.	D.P.	Dry.	Wet.	D.P.
27·7	25·0	13·4	25·9	24·5	17·3

The ice encrusted box was taken in after midnight.

Jan. 22.—Cloudless till 3^h, thin scud or stratus till 5^h, on which a lunar corona was seen at 4^h, then mist till 9^h, a little cirrus on sky till 13^h, and top clear and sky cloudless till midnight. Fog on the other hills to 4000 feet all afternoon, sinking a little at night. The zodiacal light was visible till 22^h, at which hour a faint aurora was seen low to N.

Jan. 23.—Thin mist passing at times in forenoon. A fog bow was seen at 6^h, and another at 12^h, and lunar coronæ were seen at 6^h and 7^h. Cirrus on sky (cir., cir.-c., or cir.-s.) after 9^h. At 9^h the radiating points of cirrus were N.E. to S.W., and at 13^h E. to W. Mist on summit after 13^h, from when till midnight ice was forming on surfaces.

Jan. 24.—The top was clear at 11^h and 12^h, but mist on the other hills, and cir.-s. and cir.-c. on sky. These clouds were in bands lying N.W. to S.E. Drizzling rain falling from the mist mostly all day, and ice forming rapidly on surfaces all afternoon.

Jan. 27.—Thermometer box shifted at 1^h 15^m. Top clear till 14^h, except for a little passing fog in early morning, but fog after that, except at 16^h, till midnight. Cir. and cir.-c. on sky from 7^h till 14^h, radiating points were at 13^h W.N.W. and E.S.E. After 13^h the western sky began to thicken, and at 14^h str. or cum.-s. was advancing rapidly from that direction, and fog was forming over western hills. This morning there was hoar frost to sea-level. The earth shadow and foreglow were seen at 8^h.

Jan. 28.—After the 16^h observation the thermometer box was shifted, the hinges having fouled.

Jan. 29.—Clearing for short intervals about mid-day. The outside part of the 5^h observation was about 10^m late, the lamp having been blown out several times.

Jan. 31.—Ice forming on exposed surfaces in early morning. Heavy rain falling most of the day. Wind somewhat squally.

Feb. 1.—Top clear from 3^h to 5^h, but sky nearly or quite overcast with cir.-s. or str.-cir., which was lying W.S.W. to E.N.E. Rain fell in forenoon, and heavy snow at night.

Feb. 2.—Summit clearing at times till 13^h, but sky remaining overcast. St. Elmo's Fire was seen at 6^h, and heard but not seen at 9^h. Snow-hail was falling on both occasions, drifting heavily most of the afternoon, which makes the entries of amount of snow on daily sheet somewhat doubtful. Sheet lightning seen at 7^h.

Feb. 3.—At 1^h the entry of amount of snow in daily sheet is an interpolation, the gauge having been found lying on its side half full of snow. There are no entries after 19^h, it being too stormy to work the raingauge; but 0·080 has been allowed for these hours, and is included in total fall for the day. The wind was very squally at night, and the barometer was pumping wildly. The following readings of the barometer were taken :—

Time.	Corrected to 32°.	Remarks.
h m s	in.	
About 19 59 38	25·116	Squall
At 20	25·176	Lull
,, 20 33	25·211	,,
,, 20 35	25·218	,,
,, 20 36	25·147	Squall
,, 20 42	25·152	,,
Immediately before 21	25·061	,,
At 21	25·202	Lull

Feb. 4.—Wind very squally, and barometer pumping heavily all forenoon. Top clear at times in forenoon, and from 14^h to 19^h. There was no gauge out till 6^h to-day, but apparently no snow fell till then. Thermometer box shifted after the 15^h observation.

Feb. 5.—From 2^h till 5^h the fog, though the temperature was 23° to 26°, had a misty feel, and icy drizzle was falling. After 5^h and till 9^h it was distinctly mist. Summit clear at times in afternoon and at night, but sky overcast with low stratus that was almost touching the Ben.

Feb. 6.—Top clear from 17^h till 21^h, but sky overcast with cum.-cir. at 17^h, which passed into str.-cir., and was lowering gradually, till at 20^h and 21^h it formed a uniform pallium (of cum.-s.?) almost touching the Ben. The air was dry from 19^h till 21^h; the lowest humidity observed was 41, at 20^h. The thermometer box was shifted at 18^h 15^m. At 18^h the radiating points of clouds were N.W. to S.E.

Feb. 8.—Wind very squally, and barometer pumping all day. Amounts of snow very unsatisfactory all forenoon, owing to the drift and squally winds. There was no gauge out from 11^h till 23^h, but it was snowing slightly most of the time.

Feb. 9.—At 2^h the thermometers were shifted. Top clear at times in afternoon, but sky cloudy or overcast. Snow to sea-level.

Feb. 10.—Solar halo seen from 10^h to 13^h. Thermometer box shifted after 7^h. Air dry from 8^h till 14^h.

At 8^h and 9^h the temperature was lower than the range of Glashier's tables. In calculating the dew-point, etc., it was assumed that the factor for temperatures below 10° is the same as that for 10°. Lunar coronæ seen in early morning, and again at night. Earth shadow and shadow of Ben seen at 8^h. Radiating points of cirrus were at 14^h, W.N.W. and E.S.E., at 18^h the same, and at 19^h, W. by N. and E. by S. A snow-bunting was seen at the observatory most of the afternoon.

Feb. 11.—Lunar coronæ were seen at 1^h, and again at night. A few hailstones (soft) falling at 23^h.

Feb. 12.—At 10^h, 11^h, 12^h, and 16^h, it was difficult to say whether it was mist or fog that was on the top. At 10^h the fog crystals forming were slightly icy; and at 11^h there was a dull icy skin on raingauge. The air temperatures at 10^h and 11^h were respectively 20°·8 and 21°·6.

Feb. 15.—Thermometer box shifted at 11^h 20^m. A lunar halo was seen at 21^h, 22^h, and 23^h. The radiating points of cirrus were N.N.W. and S.S.E., to N.W. and S.E. after 20^h. The air was dry at midnight—humidity 38 per cent.

Feb. 16.—After 1^h to-day Bar. 1385 was found to have been slightly out of the vertical. It was readjusted before 2^h. The air was dry at 1^h and 2^h, and the top was clear, except at 3^h, till 5^h. A lunar corona was seen at 3^h. From 5^h till 11^h the snow was drifting heavily; and the amounts of snow entered on daily sheet are in consequence doubtful.

Feb. 17.—The thermometer box was shifted after 3^h. The low temperature reading at 3^h, is probably due to the dry bulb having been acting as a wet bulb then. The top was clear from 3^h till 6^h, with haze and detached fog on the lower hills.

Feb. 20.—In the forenoon the cloud cap was *mist*, and the snow crystals forming were icy. Maximum temperature 27°·7.

Feb. 21.—The top cleared after 3^h, and remained clear, except for a little passing fog at times in forenoon, for the rest of the day. The thermometer box was shifted at 4^h 30^m. The air was dry at 16^h, and for the rest of the afternoon. Detached fog on lower hills most of the day. The radiating points of the cirri clouds to-day were N. by W. and S. by E. During the afternoon there was a very thin stratum of str.-cir. *below* large cum.-cir. It was moving quickly from N. A lunar corona was seen at 5^h.

Feb. 22.—Sky overcast till 4^h; mist thereafter. Ice forming on surfaces till 7^h. Box dripping at 8^h. Drizzling rain the rest of the day.

Feb. 23.—During breaks in the mist at 2^h, the northern sky was seen to be brighter than the rest of the sky—apparently due to aurora. Detached fog on hills around all day. A triple corona was seen at 15^h. The foreglow and earth shadow were seen at 7^h.

Feb. 24.—Fog on top till 10^h; clear thereafter till midnight. Detached cum. fog on hills around till 19^h. Cirrus and cirro-cumulus on sky all afternoon: radiating points N.E. and S.W., motion from N.E. At 21^h to-day the humidity was 13. The zodiacal light was visible at 20^h and 22^h.

Feb. 26.—Top clear at 1^h and 2^h, and from 10^h till 20^h sky mostly overcast. At 8^h it was noted the fog crystals were brown. Thermometer box shifted at 14^h 15^m.

Feb. 27.—Cum.-cir. and cir. on sky; radiating points at 11^h and 12^h were N.N.E. and S.S.W., and at 22^h N.E. and S.W. Part of a solar halo was seen at 12^h, and an aurora at 21^h. Cum. fog on hills most of the day. Hoar-frost to sea-level at 8^h.

March 1.—Faint aurora seen at 23^h, and midnight. The thermometer box was shifted after 23^h. Box was put one step higher (the highest) on ladder stand.

March 2.—An aurora was seen at 1^h and 2^h.

March 4.—Top clear for several hours to-day. Thick haze and cum. fog all round below. Radiating points of cirrus at 8^h, S.E. and N.W. To-day and yesterday a snow-bunting was seen about the observatory.

March 5.—Thick fog on summit all day. Brown fog crystals forming, sooty in taste.

March 8.—Top clear several times to-day. At these times, in the forenoon, the sky was cloudless, and there was fog all round below; but in the afternoon there was stratus or str.-cum. above, and passing showers in the distance. Needle-shaped snow-crystals falling at 14^h. The thermometer box was shifted after 7^h.

March 11.—Summit clear till 15^h; fog thereafter till 22^h, and mist till midnight. Radiating points of cir.-c. at 12^h were N. and S. The thermometer box was shifted at 2^h 15^m.

March 13.—Lunar coronæ were seen at 22^h, and midnight; an aurora was also seen at midnight.

March 14.—Lunar coronæ were seen at 1^h and 22^h.

March 15.—Wet drizzling mist on summit till 18^h. Top clear, with thin mist passing at times, till 22^h, but enveloped again at 23^h, and midnight. At 19^h the sky was cloudless, but from 20^h till 22^h it was covered with cirro-cumulus, on which at 21^h, a faintly marked lunar halo was seen. Double and triple lunar fog-bows were seen, and also coronæ on passing mist, from 20^h to 22^h. At 20^h the fog-bow appeared as in diagram below. The chief bow was well defined, and much brighter than lunar fog-bows usually are. The greater part of it was white—the only coloured part being a red fringe on outside. Both inside bows were white, and showed no trace of colour. On each side of the chief bow there was a distinct dark space. Outside the outer dark space, and when the chief bow was at its brightest, another bow was seen. It was from 12° to 15° broad, but very faintly marked. Two sets of measurements of the radii of outside and inside of chief bow were obtained, but before the inner bows could be measured, the stephanome

clogged with ice, and refused to work. The measurements of chief bow were :—

	Outside.	Inside.
1st set	42° 57′	37° 3′
2nd ,,	42° 0′	37° 46′
Mean	42° 28′	37° 24′

At the time the fog-bow was measured, the mist was thin and very wet, and formed a coat of ice on all exposed surfaces. Air temperature at time, 28°·4, the minimum for the day; the maximum being 31°·9.

March 18.—At 18^h 20^m the thermometer box was shifted.

March 19.—Brown fog crystals forming all forenoon. At 19^h there was about half an inch of white fog crystals over the brown ones of the morning.

March 21.—Air moderately clear to-day. Barra and Western Isles to N. and S. of Eig visible. Heather burning to S.W. in distance to-day. Thermometer box shifted after 10^h. Rather squally in early morning.

March 23.—Thermometer box shifted after 12^h.

March 26.—The sky was cloudless at 21^h, 22^h, and midnight, but thin fog kept passing at intervals till 23^h. At midnight a faint aurora was observed near the horizon.

March 27.—The thermometer box was shifted at 0^h 25^m. The summit was clear all day. No lower clouds all day, but various amounts of cir. types on sky from 5^h onwards. These radiated at 6^h from N.N.W. and S.S.E., at 13^h from N. and S., and at 17^h from N.N.W. and S.S.E. again, and were moving at 8^h and 10^h from N.N.W. The air was saturated at 1^h, and midnight, but very dry during the rest of day—mean humidity for day 27, maximum for time air was dry 31, and minimum 9. The dry and wet readings entered at 12^h were taken at 12^h 7^m, the wet bulb not having cooled down at 12^h, after having been wetted a few minutes previously. The dry and wet readings at 21^h were carefully checked at the time of observation. An aurora was seen at 1^h, 3^h and 23^h. A solar halo was seen at 12^h and 13^h. The depth of the snow wreath between the "wreath post" and edge of cliff was to-day found to be 148 inches at its highest point. In the evening a snow-bunting was seen about the door. [It has been seen several times since last noted in the 4th inst.]

March 28.—The top was clear only at 7^h and 17^h, and at both hours there was str. fog all round below. At 7^h a corona and glory were seen. Snow thawing quickly about the observatory to-day.

April 3.—The top cleared at 23^h last night, and remained clear till 6^h to-day, the sky being all the time overcast. The thermometer box was shifted at 2^h 15^m. White fog crystals forming about 12^h, but at 14^h those forming were brown.

April 9.—Since the 4th the wind has blown a moderate breeze from E. or E.S.E., and there have been only few breaks in the fog, and no sunshine till to-day. Top clear several times in forenoon and most of the afternoon; sky, except at 13^h, overcast. The thermometer box was shifted after 12^h. Heather-burning going on to W. to-day.

April 10.—At midnight there was a depth of 3 or 4 inches of loose dry snow on surface, which consisted of small starry crystals. About mid-day (12^h) the crystals were falling singly, and in flakes. As soon as the flakes touched anything they broke up, and left the individual crystals detached and separate. The crystals falling then were *white* (having the ordinary appearance of snow), but at and after 18^h, they were glassy and transparent—glistening and reflecting light. Calm or almost so all afternoon.

April 11.—Except from 2^h to 4^h the summit was clear all forenoon. Variable amounts of cirri types on sky, radiating from N.N.E. and S.S.W. The snow-bunting has been seen daily about the observatory for hours at a time, since 1st of month. To-day it was photographed.

April 12.—Fog crystals brown all morning, and sooty in taste. Clearing overhead at times to-day, showing cir. and cir.-c. above, lying E. and W.; and heavy cum.-s. masses all around.

April 13.—At 1^h radiating points of cir. were W. by N. and E. by S., and at 2^h N.W. by W. and E.S.E. A lunar corona seen at 23^h.

April 14.—At 7^h and 8^h an irregular broken corona was seen on cir. clouds; order of colours:—sun, glare, red, blue, red at 7^h; and at 8^h, sun, glare, blue, green, red. At 12^h it was noted that there was no glare or brown colour in sky about the sun, the sky being uniformly blue almost up to the sun all round.

April 15.—Top clear for greater part of day. Fog all round below till noon, when it rose above level of summit, and formed cum. clouds. Heather burning in various directions to-day, which caused a good deal of haze all round.

April 17.—A halo was seen at 9^h. Except at this hour there was mist on the top till 11^h, but clear for the rest of the day, and after 14^h cloudless as well; but thick mist on surrounding hills all day. Air dry all afternoon. At 13^h radiating points of cir. were S.S.W. and N.N.E.

April 18.—Top clear till 10^h. Cloudless till 6^h, but fog on lower hills all morning, which rose and enveloped summit also from 11^h onwards. From 16^h yesterday till 8^h to-day, the wet bulb had to be moistened about 10 minutes before each observation. White icy fog crystals forming all afternoon.

April 22.—Summit clear at 6^h, at times about mid-day and from 17^h till 23^h, sky cloudy or overcast, but no fog on hills. At 21^h and 22^h the radiating points of cir.-s. were N.W. and S.E. The thermometer box was shifted after 13^h.

April 24.—Barometer pumping heavily—over a tenth of an inch, in the strong northerly squalls. The rain-gauge was useless to-day owing to the drift; most of the loose snow lying on the top was blown away.

April 25.—Fog over the lower hills in forenoon; about noon it rose and covered Ben Nevis also with fog and scud. Thermometer box shifted at 12^h 20^m. Solar corona seen about 13^h. The outside part of the 22^h observation was about 2 minutes late owing to lamp going out.

April 27.—Thermometer box shifted at 13^h 20^m. Air clear all round in afternoon; no fog in valleys nor on hills.

April 29.—Thermometer box shifted at 13^h 20^m. Short showers of hardish snow during the day.

May 2.—Thermometer box shifted at 10^h 20^m.

May 5.—Top clear of mist after 7^h, but occasional fog blowing over till 14^h, after which the air was dry and the sky cleared. Rather hazy, and fog forming on the sides of the farther hills, especially to S.E. in the evening.

May 6.—Fog over the hills and on the Moor of Rannoch all morning till about 11^h, when it cleared off. For some time about sunrise it lay low in the valleys to E. and N. Haze all day. Towards evening the sky became overcast, and shortly after 19^h, fog began to blow across the hill top. After 10^h the thermometer box was shifted one stage down on ladder stand.

May 7.—When the top was clear of mist, fog was generally lying over the hills to S.E., and the air elsewhere very hazy. Heavy rain like thunder-rain came on at about 18^h 45^m.

May 8.—At 2^h there were several layers of fog at various heights, lying among the hills to E. By 3^h mist was on Ben Nevis, and continued unbroken till about 15^h 40^m when it cleared a little, but sky remained cloudy. At 19^h dense cum. fog was rising among and above the hills to E., but at 20^h there was no fog anywhere.

May 10.—At 3^h 15^m thermometer box shifted one stage down on stand.

May 11.—Fog hanging about the hills, especially to S. and E., and occasionally covering Ben Nevis also, all day. Snow-buntings have not been seen about the observatory for the last few days.

May 12.—Fog on hills to E. and S. all morning, and occasionally on Ben Nevis also. At 10^h 50^m a shower of hail fell, lasting about a minute. A portion of a rainbow was seen at 15^h. Fog among the hills to N. at night, and lying in the Caledonian Canal valley.

May 13.—Fog lying among the valleys to N. all morning, it thinned into haze during the day, and became fog again at night. Horizon hazy all day. Sun was last seen at 20^h 35^m.

May 14.—Began to use Summer Stevenson Screen at 1^h to-day. Stratus fog in valleys at 2^h. At 3^h fog blowing over Ben Nevis also. Heavy dew at 1^h and 2^h.

May 15.—A flash of lightning was seen at 1^h 3^m. At the time hard, rather icy, snow was falling. It was followed by a heavy fall of soft, flakey snow during the next two hours. The needle of telegraph instrument had been moved several times shortly before 1^h.

May 18.—Fog on hills round most of day, and haze in the valleys. A glory was seen from cliff at 11^h. The fog that blew across the hill top in the afternoon was quite dry. The 7^h observation was taken at 7^h 6^m.

May 22.—At 13^h 58^m a tremor was felt inside the observatory like a slight earthquake shock. It was felt in both parts of the building, and in the old part the roof was heard to creak. The direction of movement was not ascertained.

May 25.—Almost continuous mist till 16^h, after which it gradually cleared, breaking first overhead, until it left a cloudless sky, and no fog on hills. At midnight the N. horizon was seen to be red for the first time this year.

May 26.—Fog among and on the hills to N. and E. from before sunrise till about 8^h, after which it broke up and rose as cumulus. Air moderately clear during the day, except to N.E. where it was hazy. Mull, Rum and Skye seen all day, and at 9^h, South Uist. Faint pearly cirrus seen to N. at 23^h.

May 27.—Fog among the hills to N. before sunrise, and on till about 8^h, after which it rose and formed cumulus. Haze all round all day.

May 28.—Haze and detached fog on hills to S. in early morning, but thick mist all day after 5^h.

May 30.—The snow which fell to-day was mostly soft, and in large flakes. After 23^h the ground was white.

June 2.—From 14^h till 16^h the needle of telegraph instrument was frequently moved by earth-currents. It was then put out of circuit, and not reconnected till about 20^h 45^m, after which only one movement was observed at about 20^h 55^m. At about 16^h 35^m several flashes of lightning, and a few peals of thunder were observed. At about 19^h 30^m the same occurred. All day the mist was blowing off and on the hill top, but the sky above seemed to be mostly cloudy. The barometer was pumping heavily all day. The entry at 15^h is correct, the sudden fall is clearly shown on the barograph tracing.

June 4.—The upper glow was seen at 3^h 5^m. Horizon rather hazy and cloudy all day, especially to N. and W.

June 5.—Sun first seen at 3^h 23^m shining through haze. Haze all round all day, turning very thick at night. A good deal of cum. at horizon.

June 6.—Thick haze all round in morning, but it gradually cleared off towards evening. At 23^h cum.-fog had formed on hills to N., and at midnight it lay thick among them.

June 7.—Fog among hills to N. in early morning. At 4^h, 5^h and 6^h it covered Ben Nevis also. It continued over the hills round till about 9^h, after which there was cumulus at the horizon. Haze, thickening afterwards into fog, gathered to W. and N.W. in the afternoon. Pearly cirrus was seen at 1^h, and again at 23^h.

June 8^h.—A slight shower of hail fell at 6^h. Cumulus fog on hills all round in forenoon, and mist or fog on Ben Nevis in afternoon.

June 10.—Pearly cirrus seen to N.N.E. at 1^h. Cum. fog on hills till 9^h, after which it rose and formed cumulus clouds. A glory was seen on passing fog at 4^h. Colours very indistinct. Air very clear in afternoon. At 13^h and 14^h South Uist was seen as well as the nearer islands. At 20^h fog was rising to W., and passing over the Cairn Dearg. Haze gathered to S. at night. At midnight pearly cirrus was again seen.

June 11.—Earth shadow seen at 3^h. N.E. horizon dark red before sunrise. At 3^h there was fog over the Moor of Rannoch. Considerable haze all day, and mist on top after 21^h.

June 14.—Fog all round over the lower hills from 4^h till about noon, after which it covered Ben Nevis also almost continuously. A solar halo and mock suns were seen at 5^h. Only the portions of the halo near the mock suns were seen. Red inside halo. Radius of red 22° 6′. Glory with two sets of colours seen at cliff at about 8^h 25^m. The wet bulb readings at 7^h and 8^h to-day are probably too low, as the bulb had been frozen and took some time to thaw, while the dry bulb was rising rapidly.

The water in the wet bulb cistern was however not frozen all morning.

June 16.—Mist till 9^h, after which it cleared off and left sky almost cloudless, but a continuous layer of fog over the hills round. This covered the hills all the rest of the day, except from 20^h to 23^h, when it cleared off those to S.E. The top was from 3500 feet to 4000 feet height. Some glories were seen on this fog in the evening. Two sets of colours, but not very bright, no measurements were got.

June 17.—Thick cloud or fog layer on hills all round to about 3000 feet till 9^h, after which it broke up and disappeared except a few patches to W. Haze in the valleys all afternoon, getting thicker at night. The horizon was also rather hazy. No upper glow was seen at sunrise or sunset. A little faint pearly cirrus was seen at midnight. The sun was last seen at about 9^h 21^m.

June 18.—Sun first seen at 3^h 18^m. Fog lay in the valleys at about 2000 feet height till about 11^h, thickest to W. and N., and haze gathered all round during the day. This haze rose distinctly higher than Ben Nevis at night. Dew on all woodwork at midnight. No upper glow was seen before sunrise.

June 19.—Sun first seen at 3^h 19^m. Horizon hazy all day. Fog gathered in the valleys to N., and extended all round at about 2000 feet height before sunrise. It broke up into cumulus clouds after 10^h. Thin fog was blowing across Ben Nevis at 20^h, but it was quite dry and did not deposit moisture on anything. From 21^h onwards, thick fog lay over Loch Ness and the adjacent valleys, at about 2000 feet height. Sun was last seen at 21^h 26^m. Very faint upper glow at 22^h.

June 20.—The sun was first seen at 3^h 16^m. The earth shadow and Ben Nevis shadow were seen at and after sunrise. The fog in the valleys to N. broke into cumulus at about 8^h, and after that there was no fog in the valleys till about 23^h, when it gathered again to N. beyond Loch Lochy. Horizon hazy all day. The sun was last seen at 21^h 26^m, and the after glow and earth shadow were seen at about 21^h 40^m.

June 21.—The sun was not seen till 3^h 22^m, owing to a bank of cloud and haze at the N.E. horizon. Dew formed at 3^h on everything, up to that hour there had been none. Fog lay in the valleys to N. beyond Loch Lochy, at about 2000 feet till 9^h, after which it disappeared. A faint upper glow was seen at 3^h. Horizon hazy all day. The upper glow was seen on cirrus at 21^h 40^m. Pearly cirrus was seen to 70° altitude at 23^h, and a small patch to the N.N.W. at midnight.

June 22.—Sun was first seen at 3^h 16^m shining through thick haze, which prevented any sunshine from being recorded until after 8^h. The upper glow was seen at 3^h, and the earth shadow after sunrise. On the night between the 21st and 22nd, the lamp was only used at 23^h midnight and 1^h, the thermometers being easily read at all other hours without it. Low fog lay over Loch Lochy and the adjacent valleys to N. till 6^h. At 7^h there was cumulus over Loch Lochy, and after that no fog or cloud in the valleys till 13^h, when loose dry cum. fog gathered to the S. and E. of Ben Nevis, which continued till 18^h. From 22^h onwards, dry fog was drifting across the hill top. The sun sank out of sight in a bank of thick haze and cloud, and the time of setting could not be observed.

June 23.—Sun was first seen at 3^h 37^m. This late time was due to the fact, that thick and continuous fog was lying over all the hills round to about 4000 feet. After 4^h this fog rose higher, and began to pass across Ben Nevis also. It formed cumulus and scud clouds in the afternoon, but sank down again in the evening; being at about 4000 feet height at 18^h, and sinking to not much over 3000 feet by midnight.

June 24.—The sun was first seen at 3^h 21^m shining through the fog that covered the hills round to about 3000 feet. The fog continued at about this height till 9^h, after which it rose and surrounded or covered Ben Nevis for the rest of the day. These fogs for the last few days (since the 19th) have been quite dry, and the air has never been saturated.

June 25.—Thick haze all round all day, rising higher than Ben Nevis. At 5^h and 6^h the haze under the sun, *i.e.*, from near N. to S.E., was black, and the rest white. Fog over the hills round in early morning, and partly on Ben Nevis also; this rose and formed cumulus in the afternoon, but cleared off entirely at night.

June 26.—Haze all round till noon, and fog after that, which gradually began to cover Ben Nevis also, but was always higher than the hill top.

June 27.—Fog gathered all round in afternoon, forming at 20^h a high bank on the surrounding hills, extending from about 3000 to 5000 feet height. By 21^h this had gone, except from the hills to N.W. and a few detached portions elsewhere; and for the rest of the night there was haze and str.-fog on the hills far to N.

June 28.—Fog on hills all round in great masses from 2^h to 4^h, and after that fog on or hanging about the top of Ben Nevis also, but, as far as could be seen, no fog in the valleys below.

July 1.—Wet mist till 22^h, after which it sank, leaving a cloudless sky, but still covering the hills round at a height of about 4000 feet.

July 2.—Cloudless sky and fog on the hills round to between 3000 and 4000 feet till 10^h, after which the fog rose, occasionally passing across Ben Nevis, and forming scud and cumulus clouds overhead. It sank down again after 21^h, and formed a similar layer of fog on the hills. Faint pearly cirrus seen all along N. horizon at midnight.

July 3.—Fog on hills to 4000 feet at 1^h, but after that it broke up into detached portions; but there was fog in the valleys till 7^h, after which it disappeared. Air rather hazy all day. At 5^h the haze at the horizon was dark under the sun, *i.e.*, from S.E. to N.N.W., and white round the rest of the horizon. Fog gathered low down in the valleys to N. beyond Loch Lochy after 21^h. Ravens were seen flying about over the hill top in afternoon. Bright pearly cirrus seen to N. at midnight.

July 4.—Fog lay among the hills to N. as far as the head of Loch Lochy till 8^h, after which it disappeared, but gathered again after 20^h. Air hazy all day. The sun was first seen at 3^h 30^m.

July 5.—Faint pearly cirrus seen at 1^h. Dew which lay thickly at midnight was drying up at 1^h, and was almost entirely gone at 2^h. Fog lay among the hills to N. and E. most of the day, and in the afternoon Ben Nevis was surrounded by loose, dry, cum. fog rising on all

sides. The sun was seen at 3^h 25^m rising above the hills, and shining through the fog; after it was about 2° up, it passed behind a bank of haze which was lying clear of and above the horizon to N.E., and was almost completely hid by it. The sun did not begin to record till 8^h. Dew again formed at 23^h and midnight.

July 6.—Fog lay among and over most of the hills round till noon, after which it rose forming cum.-fog all round Ben Nevis and cum.-clouds overhead, and from 15^h onwards the hill top was covered with fog or mist. Haze above the fog all morning.

July 7.—From 20^h onwards the roof of observatory, and most of the ground was white with snow.

July 12.—After 2^h the fog sank, leaving the sky clear, but covering all the hills round and occasionally blowing across Ben Nevis also. The sky soon became overcast with low cumulus, and continued so most of the day, while the fog, though not thick, continued to hang about the hill top. After 19^h glories were seen on fog to S.E., rather misty and badly defined. Two and occasionally three sets of colours—clear space between 1st and 2nd

Radius of first red . . .	1° 30′
Radius of second red . . .	6° 2′

Other colours were very faint.

July 15.—Top clear after 18^h, but thick rolling fog over all the hills round, and passing over Ben Nevis also at times.

July 16.—Detached patches of fog among hills till 6^h, and fog or mist blowing across Ben Nevis most of the day afterwards, but occasional very clear views to S. and W. At 10^h a rainbow was seen to N.W., the highest part being rather lower than the top of the Ben. Near the top of it there was a dark gap in the bow.

July 17.—Earth currents in telegraph cable from 10^h to 12^h, deflection usually to right side, that is, a current up the wire. At the time mist was changing to fog.

July 18.—Shortly before 1^h the fog sank leaving a cloudless sky, but still covering all the hills round except a few of the highest peaks. This continued till 6^h, when the fog again rose and covered Ben Nevis also for the rest of the day. The sun was first seen at 3^h 55^m rising above the fog. The first glimpse was green.

July 21.—Top clear but haze and fog all round till 13^h, and after that mist on the top of Ben Nevis. No sunrise, the haze hiding the sun's disc. A glory was seen between 10^h and 11^h, and a halo at 12^h.

July 23.—Fog hanging about the hill all day, but clear views through breaks. Short heavy showers of rain and hail fell in afternoon. A rainbow was seen at 19^h and 20^h.

July 26.—Mist till 5^h after which top clear, but sky cloudy, and no fog below till 18^h, when the clouds sank and fog covered the top till 21^h, after which the sky was cloudless, but fog covering all the hills round, and occasionally blowing across Ben Nevis also.

July 27.—Fog on hills to about 4000 feet till 5^h. The sun was first seen above this fog at 4^h 10^m. The sky remained cloudless till 9^h, when cirrus began to appear. Fog again gathered on the hills at from 2000 to 3000 feet, beginning to W. at 19^h, but spreading all round. A bright mock sun was seen at about 19^h 30^m, coloured red next sun, and blue outside.

July 28.—Fog on lower hills to about 3500 feet till 4^h, after which it rose and covered Ben Nevis also, hardly breaking again all day. As soon as the fog rose, the wind, which had been blowing 20 to 25 miles per hour, fell considerably. Up to 4^h the sky was overcast, but the air very dry. Sunrise colours very bright. Sun first seen at 4^h 11^m. Earth shadow seen before sunrise. The observations at 13^h and at midnight were each 3 minutes late. The following observations were taken by Sling Thermometer:—

At 15^h 5^m on roof	44°·7
Dry bulb at 15^h	44°·9
At 15^h 58^m on plateau at foot of M'Lean's Steep .	43°·8
At 16^h 7^m on plateau of Storms in line of posts .	43°·8
Dry bulb at 16^h	42°·9

The fog was much thicker down on the plateau than on the top of the hill.

July 29.—Mist till 3^h, after which it sank, covering hills to 4000 feet or more all round till 8^h, when it rose again over Ben Nevis also. Sky overcast with cum.-str. all this time, but air dry, the humidity at 6^h being 53, and at 7^h 52. Sunrise colours bright. Sun seen at 4^h 16^m. Mist and fog continued on or about the hill top till 20^h, after which it sank, lying over the hills in detached sheets at 3000 or 4000 feet height, and the sky cleared.

July 30.—Fog over all hills round at 4000 feet till 4^h, after which it rose and blew across Ben Nevis also, and continued to hang about the hill till 13^h. In the afternoon haze gathered to the S.W., and after 21^h fog was again blowing across the hill top. The sun was first seen at 4^h 12^m. Before sunrise the earth shadow was observed. At 4^h 25^m the shadow of the observatory was seen on a fog bank to S.W. Very red glories were formed on this fog. Three sets of colours, but none distinct except the reds:—

Radius of red^1 too small to measure.	
,, red^2 . . .	1° 20′
,, red^3 . . .	2° 42′

July 31.—Thick haze all round all day, and occasionally very light fog blowing across the hill top.

Aug. 2.—Mist till 23^h when it cleared off leaving sky overcast, and low lying fog among the hills round.

Aug. 3.—Cloudy sky and fog lying among the hills round till 4^h, after which fog or mist covered Ben Nevis also, which continued with only a few short breaks all day.

Aug. 8.—Sky cloudless, but stratus near horizon till 5^h, and covered with variable amounts of cumulus during the rest of the day. Cumulus fog lay on the lower hills in forenoon, and shower clouds in afternoon, on which a rainbow was seen at 14^h. Cirrus was observed at 20^h; its radiating points were W.N.W., E.S.E. Hoar frost on roof in early morning. A glory was seen about 18^h 30^m.

Aug. 10.—Summit clear at times during the day; but sky overcast or nearly so, chiefly with nimbus. A lunar corona was seen at 1^h.

Aug. 14.—Summit clear at times in afternoon. Between the hours of 14 and 20, inclusive, only 1 mile of wind was recorded by the anemometer.

Aug. 18.—Showers of hail and sleet fell this morning, as well as heavy showers of rain.

Aug. 19.—Summit clear at times in evening, but sky

overcast with nimbus, and fog on hills around and brushing top of Ben Nevis at times.

Aug. 30.—Fog with a few short breaks till 18^h, after which it cleared leaving sky cloudless. Some stratus fog lay over the hills round in detached portions till 21^h. Air became dry (humidity 80) as soon as the fog ceased to blow across the hill top.

Aug. 31.—Fog began to gather on the hills to N. after 3^h, and spread over all the hills round, those to the S.E. being the last to be covered, and after 12^h rose and covered Ben Nevis also. Mist and drizzle in evening.

Sept. 1.—Fog on the hills round and often on Ben Nevis also till 6^h, after which there were only detached portions in the valleys and on the hills. After 20^h fog was blowing across Ben Nevis again. Air slightly hazy during the day. In the forenoon there were cirrus clouds in streaks from N.W. to S.E., and the motion was from the N.W. But at 17^h the sky was covered again with cirrus, having no definite arrangement, and moving from the S.E.; and at 20^h from the S.W.

Sept. 3.—Fog on hills round and blowing across Ben Nevis till 9^h, after which continuous fog or mist, very thick at times.

Sept. 5.—Clear sky but fog blowing across the hill top till 3^h, and after 16^h. Air very hazy between these hours, and fog among the hills round in forenoon.

Sept. 6.—Clear sky all day, but haze and fog over all the hills round, and in forenoon dry fog blowing across Ben Nevis also.

Sept. 7.—Sky almost cloudless till 16^h, but haze all round. After 16^h fog or mist on Ben Nevis. Fog lay among the hills round till 7^h, but after that cleared off and only gathered about the hill tops after 15^h. The 16^h observation was taken at $16^h\ 4^m$.

Sept. 11.—At 17^h and 18^h top was clear but sky cloudy, and streaks of stratus fog lying on and among the hills round.

Sept. 12.—After 4^h the fog sank down, and lay over or among the hills round and continued to lie there till 22^h, after which the top of Ben Nevis was also covered. The fog was not a continuous sheet, but lay in patches. Upper clouds moving from the westward all day.

Sept. 14.—Thin mist on hill top till 14^h, after which it sank, showing sky partly covered with cirrus, but the fog lay over the hills round all day. Air very dry at night, the humidity being 45 at 18^h and at midnight.

Sept. 15.—Fog on hill tops round all day, and occasionally over Ben Nevis also. Air very dry when clear of this fog, humidities of 40 or 50 being got at several hours in the forenoon. A lunar corona was seen at 5^h, and a solar glory and part of a fog-bow at 6^h. A glory was also seen at 8^h. No measurements were got.

Sept. 16.—Fog on hills round and blowing across Ben Nevis, but sky clear above till 9^h, after that fog or mist. A lunar corona was seen at 5^h.

Sept. 18.—The heavy rain which fell this afternoon and evening was composed of large drops, not small drizzle. In the two hours from 20^h to 22^h, 0·522 inch was registered by the gauge.

Sept. 21.—Heavy showers of snow fell during the day. Top clearing at times to-day, showing the tops of the lower hills around covered with snow. At 9^h snow crystals in form of straight bars $\frac{1}{8}''$ long were observed to fall.

Sept. 22.—At 22^h the summit was clear, and an aurora was observed.

Sept. 23.—Summit clear most of the day. Detached patches of fog were seen on hill tops around in forenoon. Cirrus and cirro-cumulus on sky, radiating points at 3^h were N.W. and S.E. At 22^h and 23^h a faint aurora was observed.

Sept. 24.—Aurora seen at 1^h and 2^h, and at the former hour three flashes of sheet lightning were observed to S. The sky was cloudless before the lightning was seen, but each flash revealed three thin streaks of stratus a little above the southern horizon. The streaks were dark against the lightning in back-ground. The summit remained clear, except for a little fog at 5^h, till 16^h, when fog came on and snow fell heavily till 20^h, and drifted very much all night. "Visibility" to westward to-day.

Sept. 25.—Snow line at about 2500 feet above sea-level to-day. The summit was clear and the sky cloudless till 5^h, fog or cloudy sky thereafter.

Oct. 1.—Cloudless till 10^h. Fog at 11^h and 13^h. Cumulus (10) in afternoon, but almost cloudless again after 18^h. Fog on hills around all forenoon. "Visibility" to W. and N. in afternoon. At 2^h a faint aurora and the zodiacal light were seen. The latter was best seen at $2^h\ 45^m$, its southern boundary being well defined. The zodiacal light, the "Milky Way," and the horizon formed the three sides of a triangle, the enclosed sky being markedly darker than its surroundings. A fog-bow and glory were seen at 10^h. Radius of red of glory 2° 0′ 36″ per stephanome. The earth shadow was seen at sunrise.

Oct. 2.—Top clear almost all day, but a little fog in valleys in forenoon, and haze in afternoon.

Oct. 3.—Air dry (humidity 75 to 90) till 20^h except at 17^h. After 20^h fog covered or was passing Ben Nevis. Sky cloudy all day, chiefly with cumulo-cirrus, which was moving from S.W. in forenoon, and from S.E. at 14^h. A little snow fell after 22^h. A solar halo was seen at 15^h. Haze all round below to-day.

Oct. 7.—A gale which commenced at midnight last night, continued till 6^h this morning. It increased in strength till 3^h, when it was force 10–11, and thereafter gradually moderated. Extra readings were taken of the barometer between 2^h and 5^h, the lowest, 24·345 inches, being observed at $3^h\ 30^m$. Rain, sleet, or snow was falling during the gale, and after 9^h, when the wind backed to the north, snow and hail fell pretty constantly for the rest of the day.

Oct. 8.—Snow or hail falling most of the day. A lunar corona was seen at 19^h.

Oct. 9.—A moderate gale from S.E. was experienced in forenoon. At 17^h the summit cleared for a little, and fog was seen on all the lower hills.

Oct. 10.—The summit was clear till after 3^h to-day. Cirro-stratus and cirro-cumulus covered the sky, and at 1^h, 2^h, and 3^h a lunar halo was observed.

Oct. 11.—The top was clear to-day from 14^h till midnight, except for thin fog at 16^h. After 18^h the sky was cloudless. Cumulus was observed on hills around, and stratus fog in the valleys at night. A lunar corona was seen at midnight.

Oct. 12.—Summit clear till 13^h. Fog till 15^h. Clear again till 19^h, and fog thereafter till midnight. Except at 2^h and 3^h, when the sky was overcast with strato-cumulus, there was little or no clouds on the sky all forenoon. Between 7^h 32^m and 13^h 16^m, the sunshine record was unbroken. Lunar coronæ were seen at 2^h, 6^h, and 23^h. In the early morning fog lay on the Caledonian Canal and on Loch Eil, and during the forenoon there was haze in the valleys, and detached cumulus on the hill tops around.

Oct. 13.—Sky cloudy all day and occasional fog brushing the top of Ben Nevis, but no fog below, and air very clear to westward in afternoon, the Outer Hebrides and Colonsay being clearly visible. A lunar corona was seen at midnight.

Oct. 16.—Thin fog or mist all day, partly clearing at times in afternoon. At 23^h and midnight top clear and sky partly covered with high cumulus, and fog over the hills to E. Dark hazy look in the valleys to W. and N.

Oct. 17.—Fog and haze over hills to E. till 4^h. Low-lying fog and haze in valleys from 5^h to 10^h, after which it began to rise. No fog in valleys in afternoon, but air hazy all round, and sky partly covered with cumulus and cirro-cumulus.

Oct. 22.—Sky cloudy or fog all day, but air clear to W. in afternoon. At 14^h Skye, Rum, Colonsay, and Jura all clearly visible. No fog in the valleys all day.

Oct. 23.—Sky cloudy in forenoon and fog passing over the hill top, but, when free of fog, air clear to W. Foggy all afternoon. Slight drizzle of snow in evening, ending in a heavy shower about midnight.

Oct. 24.—Sky cloudy with cum. and cirrus till 18^h, but after that clear. Fog hanging about the hill top most of the day, and air always saturated.

Oct. 25.—Sky clear till 9^h, but air mostly saturated. Fog on hills to E. and S. from 6^h to 9^h, and after that blowing over Ben Nevis also. At 7^h the ground was covered with hoar frost at sea level. At 16^h air clear to W. and N., Skye and Rum being seen.

Oct. 27.—Top clear of fog most of the day and few clouds overhead, but fog on hills to E. and S. all morning, and cum. fog rising out of Glen Nevis. Clear views to W., Skye, Rum, Mull, and occasionally, Colonsay, seen.

Oct. 28.—Fog on hills to E. and S. in early morning, and low down in valleys to N. about sunrise. Fog also lay over Loch Eil till 10^h. At 9^h temperature rose suddenly 5°·3, and the air became very dry, the humidity at 9^h being 24. It got gradually and pretty steadily damper during the rest of the day, and was saturated by 1^h on the 29th. Haze and fog gathered to W. in afternoon, hiding Rum and Skye.

Oct. 30.—Hail fell at 12^h, and sleet and snow in afternoon till 20^h, but after that, little. What was falling at 21^h was small and hard. At 13^h it was found that the door of the thermometer box had been blown off since last hour.

Nov. 1.—S.E. gale up to 11^h. Calm at 12^h and heavy squalls from the N. and N.E. for the rest of the day. Half hourly readings of barometer were taken, the lowest observed was 24·475 in a sudden dip at 12^h. The sun shone sufficiently to record from about 11^h 28^m to 12^h 9^m. Very heavy drift all day making raingauge measurements unreliable. The low level door had to be dug several times, and the tower door was used for a few hours in the forenoon. At 17^h 10^m, dry 192671, wet 192677, and minimum 138545 were put out in small box on ladder stand No. 2. The readings of these instruments were taken from 18^h onwards, no duplicate readings were taken in the larger screen.

Nov. 2.—Heavy drift all morning, but about noon the fog turned to mist which damped the snow and prevented any further drifting.

Nov. 4.—Top cleared about 9^h, leaving fog in the valleys to N., which about noon rose and formed cum.-fog all round, and after 18^h became fog on Ben Nevis. A lunar corona was seen at 17^h.

Nov. 7.—At about 15^h 40^m the mist broke suddenly, and at 16^h the sky was clear except for streaks of cirrus near the horizon, but thick cum.-fog lay over the hills round. At 17^h it was much the same, but before 18^h fog had again covered Ben Nevis also, which continued all night. The snow is much melted by the thaw of the last few days, the road being almost clear up to the first gorge, and stones showing up all over the hill top.

Nov. 9.—Very wet, but not thick mist all day, with drizzling rain and some heavier showers. At 19^h and again at 22^h the sky was seen, in each case rather more than half covered with cirro-cumulus in long streaks lying E. and W.

Nov. 10.—Mist till 14^h, after which it sank, but covered all the lower hills at from 3500 to 4000 feet for the rest of the day. Sky showed variable amounts of small hard cirro-cumulus moving from the W. Air very dry at night, humidity 50 to 60 per cent. The snow is now all gone except a few patches in hollows and drifts round the house.

Nov. 11.—Air very dry till 5^h, after which it got gradually damper. Fog lay among the hills in a level sheet, at from 2000 to 4000 feet height all day, but rose at night and was blowing across Ben Nevis at 22^h and 23^h. A lunar corona was seen at 22^h. The sun rose from behind the fog at about 7^h 40^m. The first flash of the disc was bright green. The earth shadow was observed after sunset.

Nov. 12.—The fog that was blowing occasionally across the hill top gradually thickened, and from 3^h onwards Ben Nevis was covered with thick wet mist.

Nov. 13.—After 13^h the sky was clear except for some cirrus and cirro-cumulus, but fog lay over the hills round, occasionally rising and blowing over Ben Nevis also. A halo was seen from the plateau of Storms at about 14^h 30^m. Air very dry after 20^h, the humidity being about 50 per cent. till midnight.

Nov. 14.—Fog lay over the hills round till 9^h, the sky being mostly clear, but after the fog rose and covered Ben Nevis also.

Nov. 16.—A lunar corona was observed at 6^h, and a glory and fog-bow at 11^h 15^m. The glory had three sets of colours. Radius to middle of fog-bow (roughly) 45° 10′. No measurements of the glory were got. A falling star was seen at about 19^h 5^m. A faint aurora was observed at midnight. Sky apparently clear all day, but fog blowing over the hill top, and only becoming thin enough to let the stars be seen through it towards evening.

Nov. 17.—Aurora seen faintly at 1^h and 2^h. Sky

apparently clear all day, but fog over the hills till 7^h, especially to E. Just before sunrise, *i.e.*, about 8^h, it rose and covered Ben Nevis also, and continued more or less all day. Bright auroral arch seen at 20^h during a break in the fog. It extended from about N.N.E. to N.W. by W. Single arch, no streamers.

Nov. 22.—Showers of hard icy snow fell at intervals all afternoon and night. Top clear at 15^h, no fog in valleys.

Nov. 23.—Thermometer box shifted at 9^h 15^m. Same thermometers left out. Height not altered. Top clear and sky cloudless at 19^h, but fog all round and passing. The stars were seen gleaming through the fog at 22^h.

Nov. 25.—Drift most of the day, making raingauge measurements very doubtful. Thermometer box shifted at 16^h 20^m. Height above snow not altered.

Nov. 26.—Sky apparently almost clear all afternoon, but fog blowing over the hill top. An aurora was seen at 19^h and at midnight. Heavy drift all day, though only 2 inches was measured at post A where the wind swept the snow off. A drift, 2 to 3 feet formed on the path to the thermometer box, and one about 5 feet deep in front of the kitchen window.

Nov. 27.—Aurora was seen again at 1^h, and also at 20^h. No raingauge was out to-day, but apparently no snow fell though there was a good deal of drift.

Nov. 28.—Thermometer box shifted at 9^h 10^m. Height above snow not altered. In the afternoon the fog became damper and at 19^h was distinctly mist, which continued till 21^h, the temperature at the same time being about 24°. The fog crystals at the same time became harder and more icy. Very small fine snow was falling at midnight.

Nov. 29.—A lunar corona was seen at 18^h—one ring complete, red outside, and a blue margin beyond.

Nov. 30.—Clear sky above the fog seen occasionally in early morning, but drizzling rain and thick mist towards evening. A solar corona was seen at 12^h 15^m—two complete sets of colours and part of a third ring. Red outside and blue inside in each set. An observatory horse was up on the 8th, 14th, 18th, and 28th of November. From the 10th to the 24th of the month the top was almost entirely clear of snow.

Dec. 3.—Thick fog till 15^h depositing feathery fog crystals slightly brown in colour. From 16^h onwards sky clear except for cirrus and cirro-cumulus, and haze or fog over the hills round. A lunar halo or portions of one was seen from 20^h onwards. Radius to inner edge at 20^h, 22° 0′. Thermometer box shifted at 16^h 20^m. Height above snow not altered.

Dec. 4.—Haze and fog over the hills round till noon, after which it rose higher and was blowing across Ben Nevis all afternoon and night; but the sky when seen was clear above. Air very dry in early morning. At 3^h the wind velocity by hand anemometer (2 mins.) was 44 miles per hour. The force recorded was 6. The sun rose through the haze, but came out clearly when it got above it. The first flash above the haze was green; and the recorder began to register bright sunshine as soon as the disc was above the haze. At sunset the top was clear. The sun set into cloud at 15^h 49^m, but no green flash was seen. The earth shadow was observed at 16^h. At 17^h a lunar corona, red, with faint colours inside it, and a blue margin outside, was seen. Radius of red 3° 51′.

Dec. 5.—Top clear occasionally in forenoon, but fog over all the hills round.

Dec. 6.—Lunar corona seen on passing fog at 1^h. At 2^h sky three fourths covered with small and rather high cumulus. At 3^h overcast with low, massive and thick cumulus; the latter type persisted till mist came on at 6^h. Distinct rain falling at 6^h, temperature being 24°·8. Drizzling rain fell at intervals during the day, though the temperature remained below 32°, but snow fell towards evening.

Dec. 7.—Thermometer box shifted at 3^h 25^m. Height above snow not altered. Top clear occasionally in forenoon, but fog all round, and usually blowing over the hill top. Sky clear except for local clouds above the hill top. Showers of heavy rounded snow in afternoon and evening. A horse was up to-day with stores.

Dec. 9.—Heavy rain fell till 9^h, and showers of snow all afternoon. The snow was hard and dry.

Dec. 11.—A distinct shower of sleet fell at 19^h, though the sky was apparently clear above the thin fog on the hill top, and the temperature was 17°·3. At 22^h it was *mist* and quite damp with a temperature of 18°·8. Thermometer box shifted at 14^h 20^m. Height above snow not altered.

Dec. 12.—Clear sky but fog blowing over the hill top till 8^h. Lunar corona seen on this fog. S. or S.E. gale from 17^h onwards with heavy drift. The low level door had to be closed at 18^h. At 21^h 30^m an attempt to measure the velocity of the wind by the hand anemometer was made; but the cups were blown off, the shank breaking immediately under the crossbars. When it gave way it had recorded $1\frac{1}{10}$ mile in about 50 seconds, and the wind was increasing during the time.

Dec. 13.—At 1^h the wind moderated, and snow was falling heavily, so a gauge was put out for the first time. Heavy snow fell all forenoon, covering the hill top about 2 feet deep in some parts, but there was almost no drift.

Dec. 14.—A lunar corona and fog-bow were seen at 2^h, when the fog thinned for a few minutes. Thermometer box shifted at 4^h 20^m. Height above snow not altered. The measurements of snow-fall in the forenoon are very uncertain owing to drift. No gauge was in use from noon to 20^h, but apparently no snow or rain fell until shortly before 20^h.

Dec. 15.—Thermometer box shifted at 12^h 20^m. Height above snow not altered. Sky partly covered with cirro-cumulus when seen in afternoon, but mist and rain came on before midnight.

Dec. 16.—Thermometer box shifted at 10^h 25^m. Height above snow not altered. Some hard icy drift was flying about at 22^h.

Dec. 20.—Fog all day but stars seen through it at 6^h and 7^h. At 19^h St. Elmo's Fire seen on wind vane, tower chimney, and kitchen chimney; also on observer's pencil and hair. Not very bright. Gone at 19^h 30^m.

Dec. 21.—Thermometer box shifted at 16^h 25^m. Box put one stage higher on ladder stand. At 16^h faint after-glow seen to S.W., and earth shadow to N.E. Wind was northerly in afternoon. Calm at 20^h, and S.E. after that. From 17^h to 23^h the air was dry, the humidity at 20^h was computed at 12; the barometer was also at a maximum at 20^h. The south side of the house is now deeply buried in drift, the kitchen window needing to be partly

dug out, and a wreathe flush with the roof of the coal cellar.

Dec. 22.—No raingauge was out till 9^h, owing to the heavy drift, but apparently little or no snow fell before that hour. Drizzling rain began to fall at 11^h, and continued most of the day after. The temperature at 11^h was 28°·8, and it never rose above 31°·0.

Dec. 28.—Thermometer box shifted at 0^h 20^m. Height above snow not altered. Air dry till 8^h, the humidity being below 40 at 7^h and 8^h, but at 9^h the temperature had fallen 11°·3, and the air was saturated. The sun was first seen at 8^h 55^m. Fog lay in detached masses over the hills to E. in forenoon, and from 10^h onwards was mostly on Ben Nevis also. There was also haze in the valleys.

Dec. 29.—After 4^h the fog cleared off, but the sky was overcast with cum.-stratus till 18^h, and detached fog lay among the hills at about 3000 feet height. After 18^h the sky cleared, but at 21^h and 22^h showed small high cum.; after that fog again covered the top. Misty lunar corona seen at 19^h, 21^h and 22^h.

INSTRUMENTS, ETC., 1889.

Barometers.—No. 1385 was in use throughout the year; No. 1252 being kept as a reserve instrument.

For Dry and Wet Bulb Thermometers.—Nos. 192660, 192672, 192671, 192677, 50850, and 50852 were used. Max. 117293 and min. 116918 were used in the large box in summer, and mins. 138533 and 138545 in the small box in winter. Up to midnight of May 13th, and at and after 18^h on Nov. 1st, a small louvred box on ladder stand No. 2 was used to hold the thermometers. Between these dates the large box (old clock box) was used.

The usual 5-inch raingauges, either rain or snow pattern, have been in use.

The Campbell-Stokes Sunshine Recorder has been used all through the year.

The max. black bulb in vacuo No. 186 has been observed when feasible; and since Aug. 31st black bulb No. 484108—common thermometer not max.—has been in occasional use.

The direction and force of the wind was estimated as usual on the roof of the office at the hourly observations, and the Robinson and Chrystal anemometers used when the weather allowed. The damage to the Robinson anemometer mentioned last year was not, however, repaired till July 16th, since when it has continued in good order. On July 24th the clock which works the tracing point of the Chrystal anemometer was disconnected, and shifted into the office to serve as a temporary standard clock while the original standard clock was sent to Edinburgh for repairs; and it is still there. The standard clock began to stop frequently after the middle of June, and on July 22nd was sent to J. Ritchie, Edinburgh, for repairs. It was returned to the Observatory on Aug. 17th, but has not gone well since then.

On the 30th and 31st July a staff of post office workmen laid a new earth-wire from the Observatory to below Buchan's Well, which has greatly improved the action of the telegraph instrument in dry weather. Except recharging the battery by the lineman, no other repairs or alterations were made on the telegraph apparatus.

The Rainband was estimated daily, with few exceptions, by a direct vision spectroscope.

The Stephanome was used for measuring halos, glories, coronæ, etc., as usual.

Several photographs have been taken at all times of the year, including various cloud forms, a lunar corona, different kinds of post work, etc.

The Barograph was in use throughout the year except from April 29th to May 11th, when it was dismounted, one of the levers being sent to Adie and Wedderburn, Edinburgh, for alteration. The effect of this alteration has been to bring the scale more nearly in accordance with the true barometric reading, it being now only necessary to add a constant to the barograph readings, to reduce them to the true barometric values.

The Thermograph has not been used.

The depth of snow has always been measured at post A.

The ozone test papers were frequently blown away or bleached, and the rain-fall returns occasionally invalidated by drift. With the above exceptions, the hourly observations have been carried on completely, though the observation or part of it was on a few occasions from 1 to 5 minutes late.

The staff of the Observatory consisted of R. T. Omond, superintendent; Angus Rankin, 1st assistant; and J. Miller, 2nd assistant; also up to April 17th Alex. Drysdale, and since Oct. 23rd Wm. Wilson. Messrs R. C. Mossman, J. Macdonald, R. Turnbull, and J. Duncan took the places of some of the observers at various times. Mr C. E. Gray acted as telegraphist and occasional observer from July 4th to Oct. 1st.

The Low Level Observatory in Fort William was opened in the autumn of 1890. The records of the Barometer, Temperature, Rainfall and Sunshine at Ben Nevis Observatory up to 31st July, 1890, are placed first (pp. 145–163). Then follows the double record of these subjects at Ben Nevis and Fort William from 1st August to 31st December 1890 : the entries on the left hand page of each folio being those of the Ben Nevis Observatory, and on the right hand page those of the Fort William Observatory.

Following this double record will be found (p. 190 *et seq.*) the Wind and Cloud at Ben Nevis Observatory; Temperatures in Stevenson Screen, and extra observations made at Fort William Observatory; the readings taken at the Public School, Fort William; the Monthly and Annual Mean Values, and the Log Book of the Ben Nevis Observatory.

BAROMETER. Reduced to 32°. 4407 feet above Sea Level. First figure omitted. JANUARY 1890.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	5·434	5·444	5·462	5·463	5·465	5·475	5·479	5·495	5·505	5·513	5·528	5·515	5·502	5·512	5·512	5·492	5·493	5·488	5·484	5·473	5·464	5·446	5·441	5·419	5·479
2	5·391	5·392	5·380	5·346	5·358	5·341	5·323	5·309	5·299	5·304	5·287	5·271	5·250	5·243	5·239	5·209	5·212	5·192	5·170	5·169	5·156	5·155	5·141	5·124	5·261
3	5·103	5·089	5·056	5·053	5·035	5·021	5·006	4·990	4·972	4·977	4·958	4·932	4·924	4·908	4·902	4·908	4·900	4·899	4·892	4·903	4·900	4·885	4·881	4·869	4·957
4	4·863	4·852	4·848	4·850	5·839	4·851	4·861	4·870	4·884	4·896	4·899	4·898	4·900	4·898	4·885	4·880	4·874	4·856	4·830	4·803	4·760	4·703	4·664	4·578	4·835
5	4·512	4·498	4·448	4·445	4·522	4·496	4·508	4·526	4·524	4·540	4·559	4·552	4·559	4·600	4·620	4·646	4·656	4·648	4·657	4·694	4·714	4·771	4·784	4·801	4·595
6	4·840	4·887	4·960	5·012	5·066	5·096	5·138	5·172	5·181	5·185	5·152	5·123	5·094	5·063	5·096	5·124	5·181	5·192	5·213	5·227	5·228	5·247	5·228	5·209	5·121
7	5·173	5·147	5·137	5·101	5·117	5·111	5·096	5·126	5·149	5·181	5·203	5·215	5·223	5·229	5·247	5·263	5·242	5·265	5·291	5·294	5·306	5·321	5·333	5·341	5·213
8	5·308	5·343	5·357	5·364	5·370	5·358	5·348	5·310	5·306	5·280	5·252	5·200	5·170	5·098	5·070	5·018	4·990	4·954	4·957	4·930	4·915	4·906	4·889	4·911	5·150
9	4·946	4·977	5·014	5·050	5·072	5·130	5·176	5·211	5·207	5·233	5·223	5·203	5·195	5·163	5·123	5·076	5·016	4·961	4·920	4·909	4·904	4·926	4·927	4·912	5·061
10	4·893	4·869	4·868	4·855	4·882	4·940	4·971	5·036	5·096	5·164	5·241	5·289	5·311	5·354	5·369	5·385	5·401	5·421	5·425	5·443	5·441	5·431	5·418	5·415	5·205
11	5·406	5·400	5·387	5·361	5·362	5·343	5·339	5·344	5·339	5·345	5·353	5·339	5·331	5·309	5·309	5·295	5·293	5·283	5·261	5·260	5·235	5·201	5·160	5·118	5·307
12	5·145	5·126	5·146	5·164	5·172	5·199	5·241	5·286	5·318	5·381	5·419	5·417	5·415	5·408	5·404	5·384	5·363	5·332	5·300	5·254	5·227	5·179	5·123	5·070	5·270
13	5·051	4·983	4·972	5·040	4·983	5·031	5·043	5·044	5·075	5·095	5·108	5·121	5·110	5·144	5·154	5·192	5·204	5·195	5·214	5·208	5·233	5·235	5·245	5·230	5·121
14	5·227	5·221	5·210	5·195	5·187	5·175	5·146	5·125	5·085	5·062	4·996	4·877	4·832	4·812	4·774	4·736	4·752	4·784	4·802	4·843	4·900	4·943	5·013	5·067	4·990
15	5·108	5·132	5·156	5·175	5·200	5·220	5·235	5·242	5·240	5·240	5·221	5·209	5·169	5·180	5·165	5·166	5·158	5·167	5·157	5·163	5·167	5·159	5·163	5·161	5·181
16	5·159	5·150	5·152	5·147	5·132	5·134	5·130	5·131	5·116	5·135	5·140	5·127	5·134	5·105	5·101	5·101	5·081	5·080	5·086	5·069	5·056	5·065	5·060	5·017	5·109
17	5·040	5·033	5·042	5·057	5·048	5·059	5·059	5·075	5·080	5·089	5·091	5·088	5·104	5·085	5·071	5·055	5·046	5·003	5·007	4·970	4·967	4·945	4·912	4·867	5·033
18	4·820	4·777	4·662	4·638	4·585	4·525	4·422	4·382	4·540	4·610	4·653	4·635	4·594	4·547	4·485	4·388	4·269	4·258	4·280	4·252	4·186	4·157	4·111	4·076	4·452
19	4·067	4·105	4·104	4·062	4·034	4·105	4·091	4·071	**4·011**	4·146	4·217	4·239	4·273	4·278	4·305	4·314	4·343	4·363	4·383	4·382	4·400	4·410	4·431	4·449	4·233
20	4·444	4·437	4·445	4·457	4·473	4·479	4·499	4·513	4·524	4·517	4·530	4·529	4·522	4·523	4·540	4·552	4·560	4·559	4·567	4·578	4·582	4·595	4·593	4·601	4·526
21	4·599	4·614	4·614	4·590	4·621	5·615	4·604	4·574	4·549	4·557	4·545	4·543	4·521	4·477	4·455	4·419	4·403	4·408	2·429	4·432	4·445	4·451	4·439	4·433	4·514
22	4·399	4·378	4·352	4·331	4·332	4·324	4·315	4·318	4·333	4·348	4·369	4·383	4·405	4·414	4·413	4·420	4·421	4·439	4·442	4·447	4·439	4·426	4·410	4·404	4·386
23	4·380	4·365	4·356	4·344	4·344	4·349	4·349	4·357	4·376	4·393	4·421	4·426	4·452	4·470	4·500	4·524	4·554	4·581	4·606	4·618	4·634	4·651	4·653	4·666	4·474
24	4·669	4·682	4·716	4·734	4·755	4·788	4·806	4·821	4·850	4·857	4·868	4·888	4·886	4·883	4·881	4·877	4·885	4·860	4·812	4·712	4·660	4·621	4·593	4·567	4·778
25	4·544	4·513	4·465	4·476	4·465	4·454	4·407	4·380	4·320	4·274	4·268	4·308	4·310	4·314	4·304	4·238	4·242	4·265	4·277	4·327	4·363	4·427	4·474	4·471	4·370
26	4·471	4·458	4·456	4·421	4·457	4·509	4·557	4·642	4·685	4·716	4·722	4·745	4·768	4·737	4·725	4·724	4·721	4·741	4·742	4·731	4·736	4·750	4·750	4·756	4·655
27	4·745	4·777	4·791	4·803	4·811	4·832	4·886	4·903	4·928	4·978	5·019	5·064	5·101	5·125	5·152	5·193	5·222	5·249	5·259	5·260	5·277	5·291	5·296	5·297	5·052
28	5·284	5·288	5·283	5·274	5·275	5·279	5·280	5·278	5·276	5·288	5·297	5·306	5·316	5·326	5·325	5·351	5·371	5·401	5·420	5·430	5·451	5·446	5·454	5·470	5·340
29	5·475	5·492	5·513	5·521	5·532	5·542	5·575	5·597	5·598	5·606	5·615	5·618	5·614	5·601	5·587	5·573	5·574	5·569	5·566	5·564	5·573	5·581	5·592	5·601	5·570
30	5·583	5·587	5·591	5·570	5·590	5·599	5·591	5·592	5·587	5·602	5·606	5·603	5·596	5·591	5·596	5·600	5·620	5·625	5·631	5·632	5·627	5·638	5·633	5·626	5·605
31	5·617	5·627	5·627	5·626	5·631	5·642	5·644	5·646	5·651	5·661	**5·664**	5·657	5·660	5·650	5·651	5·650	5·652	5·650	5·647	5·621	5·611	5·602	5·590	5·569	5·635
Mean	4·958	4·956	4·954	4·952	4·959	4·968	4·970	4·980	4·987	5·006	5·014	5·010	5·008	5·002	4·999	4·992	4·990	4·990	4·991	4·987	4·986	4·986	4·981	4·971	4·983

BAROMETER. Reduced to 32°. 4407 feet above Sea Level. First figure omitted. FEBRUARY 1890.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	5·539	5·526	5·496	5·474	5·455	5·417	5·401	5·385	5·379	5·351	5·341	5·315	5·288	5·281	5·294	5·288	5·283	5·278	5·269	5·242	5·232	5·232	5·224	5·225	5·342
2	5·224	5·223	5·230	5·239	5·248	5·265	5·278	5·297	5·300	5·328	5·361	5·384	5·400	5·420	5·443	5·458	5·490	5·496	5·509	5·519	5·520	5·533	5·533	5·551	5·385
3	5·569	5·578	5·595	5·596	5·618	5·625	5·613	5·617	5·616	5·614	5·610	5·600	5·590	5·568	5·565	5·549	5·549	5·539	5·529	5·499	5·499	5·480	5·480	5·456	5·565
4	5·441	5·440	5·421	5·412	5·401	5·396	5·410	5·423	5·438	5·450	5·446	5·453	5·452	5·454	5·453	5·461	5·467	5·483	5·483	5·490	5·492	5·491	5·501	5·508	5·453
5	5·510	5·505	5·506	5·509	5·514	5·515	5·526	5·531	5·550	5·564	5·578	5·586	5·585	5·580	5·586	5·588	5·603	5·611	5·617	5·612	5·624	5·628	5·636	5·641	5·571
6	5·638	5·638	5·631	5·631	5·646	5·641	5·648	5·651	5·651	5·664	5·682	5·689	5·688	5·684	5·690	5·698	5·707	5·724	5·727	5·735	5·745	5·756	5·767	5·773	5·688
7	5·782	5·782	5·784	5·792	5·798	5·803	5·808	5·817	5·825	5·828	5·834	5·833	5·828	5·818	5·814	5·811	5·815	5·818	5·809	5·807	5·798	5·793	5·786	5·784	5·807
8	5·781	5·767	5·751	5·740	5·744	5·742	5·732	5·754	5·769	5·773	5·778	5·766	5·763	5·756	5·739	5·737	5·739	5·731	5·734	5·712	5·701	5·687	5·676	5·671	5·739
9	5·654	5·645	5·636	5·627	5·633	5·634	5·637	5·633	5·627	5·628	5·616	5·602	5·602	5·594	5·590	5·588	5·591	5·598	5·605	5·595	5·605	5·596	5·582	5·592	5·613
10	5·590	5·580	5·588	5·565	5·583	5·577	5·589	5·593	5·597	5·592	5·575	5·567	5·554	5·537	5·524	5·548	5·544	5·552	5·566	5·557	5·552	5·558	5·562	5·561	5·567
11	5·551	5·552	5·534	5·520	5·542	5·544	5·545	5·563	5·581	5·566	5·573	5·560	5·532	5·539	5·508	5·495	5·481	5·466	5·451	5·423	5·420	5·401	5·348	5·347	5·502
12	5·336	5·298	5·287	5·223	5·246	5·242	5·221	5·226	5·186	5·204	5·203	5·209	5·157	5·139	5·111	5·127	5·108	5·089	5·097	5·099	5·095	5·061	5·043	5·075	5·170
13	5·111	5·092	5·065	5·105	5·093	5·063	5·074	5·107	5·071	5·107	5·089	5·083	5·073	5·064	5·092	5·101	5·098	5·118	5·119	5·127	5·133	5·141	5·152	5·169	5·102
14	5·174	5·179	5·170	5·181	5·185	5·194	5·197	5·198	5·206	5·215	5·221	5·222	5·229	5·237	5·237	5·240	5·245	5·253	5·256	5·261	5·264	5·266	5·266	5·254	5·223
15	5·252	5·257	5·251	5·253	5·251	2·252	5·251	5·250	5·245	5·243	5·236	5·213	5·207	5·193	5·185	5·170	5·147	5·143	5·113	5·099	5·094	5·067	5·069	5·035	5·186
16	5·025	5·015	5·008	4·979	4·969	4·965	4·957	**4·949**	4·952	4·960	4·960	4·969	4·979	4·985	4·996	5·006	5·017	5·025	5·044	5·066	5·083	5·095	5·089	5·099	5·008
17	5·112	5·127	5·146	5·165	5·162	5·166	5·188	5·207	5·211	5·237	5·247	5·252	5·219	5·251	5·239	5·203	5·231	5·238	5·300	5·329	5·350	5·361	5·365	5·380	5·237
18	5·400	5·426	5·410	5·410	5·417	5·446	5·458	5·479	5·497	5·483	5·499	5·522	5·537	5·560	5·568	5·583	5·534	5·549	5·532	5·556	5·549	5·569	5·579	5·621	5·508
19	5·584	5·599	5·612	5·591	5·590	5·600	5·594	5·593	5·589	5·591	5·610	5·607	5·599	5·560	5·561	5·516	5·523	5·489	5·525	5·540	5·541	5·522	5·495	5·504	5·564
20	5·501	5·477	5·465	5·447	5·413	5·422	5·424	5·422	5·415	5·410	5·396	5·376	5·377	5·366	5·355	5·361	5·371	5·375	5·375	5·377	5·379	5·379	5·381	5·378	5·402
21	5·375	5·380	5·378	5·383	5·389	5·395	5·412	5·428	5·434	5·449	5·464	5·471	5·484	5·495	5·505	5·522	5·525	5·539	5·563	5·580	5·595	5·614	5·627	5·634	5·485
22	5·641	5·650	5·659	5·670	5·681	5·692	5·721	5·738	5·752	5·772	5·790	5·804	5·802	5·817	5·820	5·827	5·830	5·854	5·874	5·896	5·905	5·918	5·934	5·945	5·791
23	5·952	5·949	5·949	5·945	5·957	5·967	5·988	5·994	6·011	6·028	6·041	6·045	6·052	6·049	6·062	6·054	6·046	6·046	6·049	6·057	6·059	**6·063**	6·061	6·052	6·020
24	6·053	6·040	6·020	6·009	6·006	6·010	6·011	6·009	6·016	6·030	6·033	6·027	6·029	6·022	6·015	6·009	6·011	6·022	6·028	6·032	6·032	6·028	6·031	6·037	6·022
25	6·033	6·030	6·016	6·010	6·001	6·000	6·000	5·998	6·003	6·003	5·994	5·986	5·965	5·946	5·928	5·916	5·904	5·899	5·886	5·877	5·871	5·868	5·862	5·852	5·952
26	5·834	5·813	5·800	5·795	5·785	5·769	5·796	5·807	5·805	5·837	5·835	5·849	5·854	5·866	5·870	5·865	5·878	5·887	5·892	5·906	5·902	5·910	5·904	5·883	5·848
27	5·888	5·867	5·875	5·858	5·847	5·840	5·828	5·824	5·808	5·806	5·805	5·802	5·777	5·797	5·777	5·782	5·777	5·788	5·766	5·790	5·794	5·799	5·798	5·795	5·812
28	5·782	5·789	5·782	5·765	5·761	5·757	5·751	5·747	5·732	5·712	5·709	5·692	5·670	5·648	5·627	5·607	5·574	5·567	5·544	5·517	5·479	5·450	5·419	5·383	5·644
Mean	5·548	5·544	5·338	5·532	5·533	5·534	5·538	5·544	5·545	5·552	5·554	5·553	5·546	5·544	5·541	5·540	5·539	5·542	5·545	5·546	5·544	5·545	5·542	5·543	5·543

BAROMETER. Reduced to 32°. 4407 feet above Sea Level. First figure omitted. MARCH 1890.

	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	5·372	5·365	5·363	5·336	5·378	5·390	5·407	5·407	5·425	5·453	5·462	5·473	5·476	5·480	5·488	5·501	5·504	5·515	5·530	5·540	5·549	5·550	5·561	5·570	5·462
2	5·575	5·591	5·601	5·604	5·611	5·624	5·631	5·646	5·664	5·666	5·677	5·690	5·700	5·711	5·717	5·722	5·723	5·732	5·744	5·753	5·769	5·769	5·778	5·779	5·687
3	5·785	5·776	5·777	5·771	5·768	5·768	5·779	5·795	**5·796**	5·792	5·793	5·789	5·782	5·763	5·743	5·729	5·730	5·714	5·716	4·712	5·690	5·665	5·633	5·614	5·745
4	5·579	5·538	5·520	5·476	5·465	5·415	5·393	5·365	5·339	5·308	5·268	5·236	5·230	5·180	5·137	5·110	5·127	5·115	5·102	5·114	5·128	5·111	5·118	5·116	5·270
5	5·116	5·142	5·159	5·185	5·189	5·216	5·206	5·223	5·221	5·217	5·201	5·193	5·173	5·125	5·112	5·066	5·068	5·080	5·096	5·108	5·083	5·062	5·058	5·044	5·139
6	5·018	5·001	4·992	4·953	4·960	4·977	4·997	5·018	5·047	5·068	5·080	5·082	5·079	5·067	5·053	5·031	5·019	5·007	4·968	4·943	4·911	4·902	4·869	4·896	4·997
7	4·891	4·890	4·864	4·871	4·867	4·874	4·851	4·866	4·854	4·846	4·818	4·779	4·753	4·714	4·669	4·624	4·619	4·626	4·678	4·725	4·739	4·766	4·774	4·782	4·781
8	4·777	4·772	4·755	4·740	4·742	4·710	4·709	4·696	4·663	4·635	4·604	4·571	4·500	4·501	4·493	**4·462**	4·535	4·575	4·644	4·651	4·706	4·764	4·793	4·812	4·659
9	4·837	4·867	4·886	4·913	4·933	4·972	5·003	5·034	5·051	5·095	5·123	5·151	5·183	5·191	5·211	5·227	5·245	5·243	5·233	5·204	5·151	5·122	5·101	5·101	5·087
10	5·114	5·110	5·101	5·097	5·122	5·123	5·142	5·161	5·163	5·181	5·189	5·191	5·185	5·171	5·141	5·133	5·147	5·145	5·171	5·170	5·148	5·135	5·119	5·115	5·145
11	5·086	5·079	5·111	5·127	5·107	5·141	5·169	5·195	5·222	5·229	5·267	5·279	5·280	5·293	5·299	5·334	5·341	5·368	5·382	5·362	5·371	5·363	5·364	5·358	5·255
12	5·350	5·320	5·308	5·275	5·283	5·318	5·322	5·338	5·341	5·351	5·353	5·352	5·344	5·333	5·309	5·282	5·271	5·253	5·227	5·192	5·170	5·181	5·167	5·150	5·283
13	5·140	5·114	5·100	5·083	5·066	5·040	5·016	4·981	4·962	4·984	5·006	4·997	5·008	4·977	4·986	5·004	4·988	4·997	5·015	5·034	5·041	5·043	5·057	5·042	5·028
14	5·041	5·030	5·016	5·021	5·010	5·010	5·012	5·016	5·016	5·005	5·000	4·997	4·977	4·942	4·938	4·924	4·912	4·890	4·884	4·853	4·845	4·835	4·812	4·797	4·949
15	4·752	4·716	4·661	4·638	4·623	4·621	4·611	4·609	4·620	4·606	4·622	4·626	4·653	4·654	4·657	4·657	4·670	4·671	4·670	4·668	4·658	4·638	4·647	4·637	4·649
16	4·627	4·604	4·581	4·557	4·537	4·530	4·530	4·533	4·470	4·496	4·468	4·494	4·472	4·502	4·483	4·509	4·526	4·542	4·554	4·572	4·584	4·591	4·597	4·597	4·540
17	4·596	4·600	4·613	4·624	4·636	4·643	4·661	4·680	4·697	4·705	4·714	4·718	4·720	4·730	4·737	4·744	4·748	4·754	4·766	4·772	4·767	4·765	4·760	4·751	4·704
18	4·738	4·732	4·737	4·754	4·764	4·773	4·774	4·777	4·795	4·818	4·840	4·864	4·872	4·876	4·903	4·925	4·946	4·978	4·991	4·999	5·020	5·047	5·056	5·069	4·877
19	5·088	5·102	5·113	5·122	5·136	5·142	5·149	5·158	5·160	5·163	5·164	5·165	5·167	5·175	5·177	5·177	5·179	5·186	5·190	5·193	5·192	5·188	5·186	5·197	5·161
20	5·152	5·146	5·137	5·123	5·120	5·091	5·097	5·073	5·067	5·039	5·032	5·010	4·979	5·969	4·945	4·912	4·900	4·898	4·888	4·872	4·854	4·849	4·856	4·865	4·995
21	4·864	4·864	4·875	4·877	4·880	4·885	4·900	4·912	4·927	4·943	4·956	4·968	4·974	4·984	4·997	5·009	5·019	5·031	5·042	5·046	5·054	5·055	5·057	5·052	4·965
22	5·044	5·042	5·029	5·017	5·012	5·007	5·003	5·002	4·999	4·996	4·992	4·986	4·975	4·958	4·946	4·931	4·931	4·934	4·942	4·944	4·931	4·938	4·933	4·929	4·976
23	4·932	4·945	4·947	4·959	4·950	4·951	4·956	4·976	4·976	4·983	4·995	5·004	5·010	5·015	5·016	5·017	5·024	5·028	5·031	5·023	5·012	5·010	5·000	4·997	4·990
24	4·961	4·935	4·904	4·869	4·852	4·831	4·789	4·760	4·757	4·726	4·729	4·719	4·695	4·662	4·650	4·648	4·638	4·618	4·603	4·598	4·591	4·597	4·609	4·612	4·723
25	4·618	4·618	4·607	4·641	4·655	4·656	4·716	4·743	4·742	4·786	4·789	4·799	4·815	4·829	4·849	4·865	4·882	4·887	4·883	4·876	4·866	4·860	4·858	4·844	4·778
26	4·812	4·774	4·763	4·764	4·772	4·789	4·817	4·818	4·829	4·814	4·852	4·878	4·909	4·923	4·956	4·983	5·002	5·037	5·065	5·092	5·110	5·112	5·114	5·096	4·920
27	5·065	5·029	4·997	4·989	4·996	4·999	5·057	5·082	5·097	5·114	5·139	5·163	5·183	5·193	5·195	5·222	5·229	5·249	5·258	5·265	5·273	5·272	5·269	5·273	5·150
28	5·280	5·277	5·276	5·272	5·271	5·274	5·281	5·289	5·295	5·304	5·308	5·313	5·316	5·312	5·315	5·311	5·313	5·308	5·305	5·313	5·305	5·289	5·280	5·268	5·295
29	5·255	5·237	5·217	5·200	5·188	5·180	5·185	5·169	5·155	5·145	5·142	5·125	5·145	5·148	5·153	5·164	5·181	5·195	5·201	5·208	5·234	5·241	5·244	5·252	5·190
30	5·255	5·251	5·261	5·264	5·268	5·290	5·313	5·326	5·346	5·377	5·396	5·416	5·434	5·444	5·457	5·474	5·485	5·504	5·516	5·531	5·544	5·559	5·570	5·581	5·411
31	5·589	5·594	5·597	5·600	5·607	5·619	5·633	5·642	5·642	5·650	5·654	5·658	5·658	5·658	5·658	5·658	5·658	5·650	5·646	5·641	5·633	5·632	5·632	5·617	5·634
Mean	5·074	5·066	5·060	5·056	5·057	5·060	5·068	5·074	5·075	5·080	5·085	5·087	5·085	5·080	5·077	5·076	5·083	5·088	5·095	5·096	5·094	5·094	5·093	5·091	25·079

BAROMETER. REDUCED TO 32°. 4407 FEET ABOVE SEA LEVEL. FIRST FIGURE OMITTED. APRIL 1890.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	5·615	5·611	5·607	5·598	5·599	5·599	5·599	5·600	5·606	5·596	5·612	5·613	5·600	5·602	5·607	5·592	5·594	5·592	5·597	5·603	5·604	5·603	5·600	5·595	5·602
2	5·595	5·590	5·588	5·583	5·580	5·578	5·574	5·574	5·568	5·561	5·559	5·558	5·560	5·560	5·552	5·550	5·529	5·531	5·529	5·531	5·534	5·529	5·539	5·532	5·558
3	5·530	5·520	5·508	5·510	5·500	5·508	5·523	5·534	5·546	5·554	5·562	5·565	5·574	5·579	5·576	5·576	5·576	5·577	5·576	5·572	5·572	5·575	5·565	5·562	5·552
4	5·556	5·551	5·536	5·528	5·528	5·528	5·529	5·530	5·530	5·536	5·535	5·531	5·524	5·527	5·524	5·520	5·512	5·510	5·506	5·503	5·506	5·505	5·501	5·503	5·523
5	5·496	5·483	5·480	5·477	5·470	5·470	5·480	5·482	5·484	5·492	5·484	5·477	5·470	5·463	5·450	5·430	5·411	5·394	5·368	5·367	5·349	5·330	5·308	5·282	5·433
6	5·261	5·221	5·209	5·191	5·177	5·168	5·164	5·161	5·147	5·149	5·132	5·111	5·090	5·058	5·036	4·990	4·952	4·898	4·882	4·859	4·858	4·815	4·784	4·758	5·045
7	4·729	4·722	4·703	4·698	4·680	4·687	4·714	4·766	4·802	4·860	4·894	4·924	4·947	4·954	4·983	4·996	5·005	5·014	5·021	5·025	5·025	5·030	5·031	5·035	4·885
8	5·036	5·046	5·037	5·038	5·043	5·065	5·083	5·097	5·117	5·139	5·169	5·184	5·206	5·232	5·232	5·237	5·254	5·268	5·275	5·294	5·248	5·294	5·296	5·288	5·174
9	5·293	5·287	5·274	5·286	5·289	5·287	5·271	5·273	5·271	5·273	5·260	5·245	5·235	5·223	5·204	5·186	5·177	5·159	5·155	5·158	5·157	5·164	5·163	5·175	5·228
10	5·180	5·185	5·188	5·189	5·184	5·194	5·203	5·209	5·217	5·224	5·236	5·238	5·240	5·249	5·254	5·262	5·261	5·261	5·281	5·296	5·296	5·299	5·304	5·295	5·239
11	5·314	5·316	5·313	5·317	5·320	5·323	5·327	5·334	5·344	5·343	5·346	5·345	5·343	5·336	5·330	5·325	5·322	5·318	5·314	5·307	5·297	5·290	5·278	5·266	5·320
12	5·250	5·238	5·223	5·210	5·199	5·191	5·184	5·181	5·174	5·164	5·159	5·155	5·155	5·151	5·143	5·133	5·136	5·136	5·140	5·137	5·140	5·138	5·141	5·128	5·167
13	5·122	5·112	5·104	5·094	5·087	5·081	5·078	5·073	5·073	5·066	5·061	5·053	5·048	5·042	5·038	5·032	5·030	5·029	5·026	5·028	5·033	5·036	5·033	5·030	5·059
14	5·031	5·030	5·028	5·028	5·033	5·037	5·043	5·050	5·054	5·062	5·056	5·059	5·061	5·062	5·062	5·066	5·075	5·071	5·080	5·083	5·084	5·085	5·080	5·076	5·058
15	5·074	5·064	5·049	5·049	5·046	5·046	5·041	5·037	5·042	5·040	5·054	5·058	5·057	5·062	5·065	5·062	5·063	5·065	5·067	5·066	5·074	5·066	5·056	5·069	5·057
16	5·065	5·061	5·067	5·066	5·075	5·076	5·078	5·084	5·090	5·098	5·102	5·098	5·098	5·100	5·102	5·110	5·098	5·102	5·098	5·098	5·094	5·091	5·109	5·115	5·090
17	5·093	5·091	5·086	5·107	5·108	5·120	5·128	5·135	5·142	5·140	5·154	5·160	5·161	5·175	5·174	5·178	5·182	5·187	5·201	5·221	5·224	5·227	5·235	5·240	5·161
18	5·243	5·249	5·254	5·258	5·266	5·275	5·279	5·283	5·290	5·296	5·309	5·323	5·335	5·339	5·349	5·352	5·356	5·361	5·371	5·368	5·377	5·378	5·379	5·382	5·320
19	5·380	5·382	5·381	5·381	5·378	5·382	5·383	5·385	5·385	5·385	5·390	5·393	5·405	5·405	5·409	5·409	5·405	5·408	5·413	5·417	5·416	5·416	5·402	5·402	5·396
20	5·404	5·393	5·386	5·382	5·378	5·381	5·386	5·385	5·393	5·395	5·389	5·393	5·395	5·397	5·390	5·395	5·394	5·393	5·394	5·393	5·401	5·400	5·399	5·398	5·392
21	5·375	5·355	5·320	5·277	5·230	5·138	5·120	5·041	5·081	5·105	5·119	5·138	5·134	5·150	5·160	5·176	5·177	5·178	5·173	5·176	5·161	5·145	5·125	5·088	5·173
22	5·036	4·989	4·909	4·807	4·797	4·789	4·784	4·817	4·845	4·881	4·901	4·905	4·926	4·944	4·954	4·968	4·970	4·992	5·001	5·023	5·016	5·035	5·033	5·035	4·932
23	5·037	5·021	5·031	5·023	5·018	5·020	5·026	5·047	5·056	5·075	5·088	5·098	5·116	5·128	5·127	5·129	5·124	5·116	5·100	5·108	5·104	5·103	5·096	5·102	5·079
24	5·085	5·068	5·057	5·044	5·023	5·018	5·004	4·996	4·986	4·977	4·960	4·956	4·942	4·930	4·916	4·910	4·902	4·900	4·899	4·887	4·877	4·869	4·865	4·860	4·955
25	4·852	4·841	4·833	4·818	4·816	4·813	4·814	4·822	4·826	4·827	4·832	4·838	4·840	4·842	4·842	4·844	4·854	4·866	4·880	4·896	4·915	4·929	4·940	4·956	4·856
26	4·970	4·989	5·003	5·008	5·033	5·056	5·098	5·124	5·153	5·183	5·203	5·219	5·226	5·237	5·246	5·256	5·260	5·281	5·303	5·298	5·322	5·339	5·342	5·351	5·188
27	5·347	5·346	5·343	5·347	5·357	5·363	5·377	5·389	5·399	5·405	5·415	5·423	5·431	5·429	5·432	5·433	5·431	5·429	5·422	5·418	5·419	5·419	5·411	5·404	5·400
28	5·382	5·371	5·361	5·342	5·339	5·334	5·326	5·331	5·330	5·328	5·322	5·319	5·312	5·302	5·293	5·287	5·274	5·271	5·268	5·265	5·264	5·260	5·253	5·249	5·308
29	5·245	5·237	5·232	5·233	5·232	5·235	5·241	5·246	5·247	5·255	5·262	5·268	5·270	5·272	5·273	5·275	5·273	5·269	5·276	5·273	5·276	5·276	5·280	5·268	5·259
30	5·273	5·271	5·274	5·278	5·289	5·300	5·311	5·324	5·346	5·361	5·375	5·385	5·390	5·397	5·401	5·396	5·381	5·395	5·409	5·427	5·441	5·444	5·445	5·438	5·365
MEAN	5·229	5·221	5·213	5·206	5·202	5·202	5·206	5·210	5·218	5·226	5·231	5·234	5·236	5·238	5·237	5·236	5·233	5·232	5·234	5·237	5·236	5·236	5·233	5·229	5·226

BAROMETER. REDUCED TO 32°. 4407 FEET ABOVE SEA LEVEL. FIRST FIGURE OMITTED. MAY 1890.

	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	5·440	5·440	5·438	5·442	5·447	5·452	5·452	5·461	5·470	5·471	5·478	5·476	5·468	5·472	5·469	5·466	5·464	5·464	5·461	5·463	5·457	5·446	5·442	5·427	5·457
2	5·404	5·392	5·378	5·355	5·347	5·336	5·328	5·316	5·301	5·284	5·269	5·263	5·263	5·261	5·260	5·251	5·239	5·232	5·229	5·227	5·244	5·250	5·263	5·267	5·290
3	5·276	5·282	5·285	5·284	5·278	5·278	5·283	5·283	5·281	5·282	5·283	5·285	5·278	5·284	5·276	5·276	5·266	5·267	5·275	5·291	5·297	5·301	5·300	5·287	5·282
4	5·291	5·284	5·282	5·283	5·286	5·285	5·285	5·287	5·283	5·286	5·291	5·292	5·285	5·282	5·281	5·278	5·268	5·267	5·273	5·276	5·281	5·283	5·270	5·270	5·281
5	5·273	5·267	5·272	5·270	5·272	5·269	5·277	5·259	5·275	5·277	5·285	5·262	5·248	5·259	5·248	5·248	5·241	5·231	5·228	5·224	5·223	5·219	5·202	5·181	5·250
6	5·189	5·180	5·174	5·171	5·182	5·177	5·169	5·169	5·174	5·166	5·172	5·158	5·176	5·180	5·170	5·180	5·177	5·175	5·176	5·183	5·193	5·184	5·173	5·152	5·175
7	5·166	5·159	5·152	5·143	5·138	5·138	5·144	5·150	5·156	5·166	5·182	5·186	5·193	5·197	5·209	5·214	5·221	5·226	5·234	5·238	5·245	5·253	5·253	5·249	5·192
8	5·248	5·247	5·241	5·238	5·244	5·247	5·253	5·258	5·264	5·272	5·277	5·279	5·288	5·293	5·297	5·298	5·303	5·301	5·307	5·312	5·318	5·322	5·323	5·322	5·281
9	5·313	5·304	5·295	5·295	5·290	5·288	5·291	5·287	5·283	5·276	5·267	5·267	5·260	5·248	5·235	5·223	5·212	5·204	5·195	5·186	5·178	5·168	5·161	5·142	5·244
10	5·121	5·102	5·085	5·072	5·066	5·060	5·048	5·043	5·026	5·033	5·046	5·049	5·049	5·042	5·035	5·039	5·039	5·056	5·063	5·070	5·070	5·070	5·069	5·068	5·059
11	5·064	5·059	5·061	5·047	5·061	5·071	5·083	5·085	5·092	5·093	5·095	5·095	5·095	5·095	5·089	5·078	5·061	5·042	5·019	5·017	5·008	5·006	5·006	4·999	5·059
12	5·990	4·982	4·969	4·969	4·974	4·976	4·987	4·993	4·995	4·993	4·998	4·998	4·998	5·002	5·011	5·010	5·014	5·022	5·026	5·039	5·046	5·047	5·048	5·051	5·006
13	5·049	5·048	5·045	5·048	5·049	5·057	5·063	5·064	5·065	5·062	5·062	5·059	5·049	5·041	5·020	5·019	5·012	5·008	4·998	4·976	4·979	4·977	4·975	4·971	5·029
14	4·967	4·973	4·973	4·968	4·977	4·977	4·989	4·998	5·006	5·022	5·032	5·046	5·054	5·065	5·073	5·083	5·090	5·101	5·111	5·123	5·135	5·137	5·138	5·133	5·049
15	5·147	5·141	5·140	5·146	5·143	5·150	5·160	5·170	5·170	5·176	5·174	5·182	5·191	5·201	5·210	5·223	5·228	5·233	5·232	5·247	5·249	5·248	5·248	5·240	5·194
16	5·232	5·224	5·220	5·217	5·218	5·212	5·216	5·216	5·216	5·211	5·210	5·204	5·203	5·199	5·191	5·186	5·177	5·162	5·147	5·136	5·119	5·102	5·079	5·051	5·181
17	5·031	5·006	4·989	4·961	4·932	4·923	4·908	4·886	4·891	4·893	4·899	4·904	4·923	4·945	4·964	4·990	5·004	5·027	5·036	5·052	5·073	5·086	5·093	5·103	4·990
18	5·114	5·118	5·122	5·125	5·117	5·124	5·135	5·131	5·156	5·164	5·156	5·172	5·182	5·200	5·209	5·211	5·213	5·233	5·238	5·257	5·269	5·282	5·285	5·281	5·187
19	5·288	5·292	5·289	5·290	5·296	5·304	5·309	5·321	5·329	5·334	5·334	5·342	5·351	5·359	5·361	5·363	5·365	5·365	5·379	5·366	5·368	5·367	5·364	5·351	5·337
20	5·342	5·326	5·318	5·306	5·294	5·291	5·281	5·277	5·273	5·265	5·251	5·235	5·228	5·220	5·222	5·210	5·202	5·204	5·202	5·217	5·232	5·232	5·232	5·231	5·254
21	5·232	5·225	5·234	5·237	5·248	5·266	5·280	5·278	5·300	5·325	5·337	5·373	5·406	5·427	5·447	5·452	5·468	5·466	5·481	5·491	5·507	5·540	5·564	5·577	5·382
22	5·588	5·601	5·616	5·621	5·633	5·646	5·661	5·677	5·686	5·701	5·714	5·726	5·734	5·742	5·751	5·759	5·761	5·764	5·768	5·783	5·782	5·786	5·789	5·785	5·711
23	5·784	5·786	5·783	5·774	5·773	5·774	5·775	5·776	5·773	5·778	5·776	5·775	5·777	5·772	5·762	5·745	5·736	5·736	5·738	5·739	5·741	5·743	5·743	5·745	5·763
24	5·742	5·738	5·731	5·731	5·722	5·726	5·739	5·745	5·754	5·765	5·760	5·757	5·759	5·757	5·742	5·735	5·720	5·721	5·722	5·718	5·713	5·714	5·709	5·704	5·734
25	5·690	5·678	5·669	5·657	5·651	5·644	5·635	5·619	5·620	5·621	5·618	5·614	5·612	5·600	5·592	5·578	5·566	5·562	5·558	5·554	5·556	5·548	5·544	5·541	5·605
26	5·530	5·527	5·525	5·522	5·524	5·522	5·525	5·544	5·544	5·544	5·545	5·551	5·550	5·543	5·546	5·541	5·540	5·537	5·522	5·526	5·524	5·524	5·513	5·503	5·532
27	5·498	5·489	5·480	5·476	5·475	5·478	5·484	5·487	5·494	5·496	5·502	5·512	5·519	5·526	5·529	5·541	5·552	5·555	5·557	5·559	5·567	5·570	5·576	5·578	5·521
28	5·574	5·571	5·569	5·573	5·576	5·579	5·578	5·578	5·572	5·572	5·568	5·564	5·555	5·549	5·540	5·536	5·527	5·523	5·520	5·513	5·515	5·503	5·485	5·480	5·547
29	5·471	5·470	5·457	5·439	5·431	5·427	5·420	5·413	5·417	5·415	5·404	5·392	5·368	5·361	5·346	5·334	5·316	5·308	5·299	5·289	5·288	5·283	5·282	5·279	5·371
30	5·271	5·260	5·265	5·268	5·274	5·274	5·283	5·301	5·316	5·320	5·332	5·349	5·362	5·379	5·372	5·393	5·403	5·410	5·417	5·416	5·413	5·411	5·426	5·432	5·348
31	5·435	5·444	5·445	5·448	5·450	5·456	5·464	5·473	5·482	5·493	5·504	5·513	5·515	5·519	5·515	5·512	5·508	5·504	5·497	5·495	5·486	5·476	5·460	5·434	5·480
MEAN	5·315	5·310	5·307	5·302	5·302	5·303	5·307	5·308	5·312	5·315	5·317	5·319	5·321	5·323	5·322	5·322	5·319	5·320	5·320	5·322	5·325	5·325	5·323	5·317	5·316

BAROMETER. REDUCED TO 32°. 4407 FEET ABOVE SEA LEVEL. FIRST FIGURE OMITTED. JUNE 1890.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	5·419	5·393	5·373	5·353	5·348	5·352	5·305	5·300	5·292	5·276	5·266	5·257	5·249	5·237	5·233	5·227	5·238	5·239	5·235	5·241	5·244	5·246	5·246	5·246	5·284
2	5·254	5·244	5·242	5·236	5·236	5·235	5·241	5·241	5·227	5·220	5·184	5·160	5·136	5·130	5·128	5·114	5·107	5·099	5·099	5·087	5·090	5·096	5·096	5·093	5·166
3	5·090	5·087	5·091	5·095	5·091	5·095	5·098	5·100	5·098	5·095	5·091	5·089	5·090	5·085	5·061	5·040	5·012	4·960	4·904	4·876	4·854	4·845	4·841	4·860	5·023
4	4·907	4·947	4·989	5·003	5·022	5·041	5·053	5·071	5·086	5·106	5·125	5·147	5·164	5·173	5·172	5·187	5·189	5·188	5·189	5·196	5·197	5·204	5·213	5·201	5·115
5	5·203	5·195	5·197	5·195	5·206	5·212	5·222	5·238	5·245	5·247	5·250	5·261	5·275	5·282	5·290	5·288	5·295	5·291	5·284	5·270	5·264	5·239	5·223	5·219	5·245
6	5·190	5·179	5·166	5·169	5·166	5·172	5·180	5·199	5·217	5·242	5·270	5·298	5·329	5·350	5·378	5·401	5·417	5·441	5·465	5·482	5·502	5·516	5·530	5·538	5·325
7	5·550	5·558	5·571	5·581	5·585	5·595	5·622	5·638	5·652	5·662	5·676	5·684	5·701	5·708	5·714	5·721	5·728	5·734	5·734	5·735	5·735	5·731	5·725	5·710	5·669
8	5·696	5·681	5·663	5·641	5·640	5·624	5·608	5·601	5·589	5·584	5·561	5·541	5·514	5·506	5·483	5·455	5·429	5·400	5·383	5·370	5·377	5·368	5·356	5·336	5·517
9	5·327	5·315	5·297	5·300	5·295	5·295	5·302	5·303	5·314	5·326	5·337	5·349	5·358	5·371	5·371	5·382	5·390	5·390	5·385	5·387	5·383	5·377	5·374	5·361	5·345
10	5·348	5·336	5·331	5·319	5·318	5·304	5·308	5·295	5·282	5·276	5·258	5·256	5·226	5·234	5·227	5·212	5·191	5·175	5·156	5·139	5·114	5·120	5·119	5·121	5·236
11	5·099	5·089	5·081	5·079	5·084	5·077	5·086	5·092	5·096	5·103	5·104	5·090	5·100	5·112	5·120	5·128	5·134	5·145	5·152	5·166	5·180	5·182	5·185	5·205	5·120
12	5·207	5·198	5·201	5·193	5·199	5·223	5·248	5·248	5·282	5·318	5·336	5·337	5·380	5·394	5·418	5·446	5·466	5·474	5·499	5·519	5·542	5·548	5·561	5·581	5·367
13	5·591	5·593	5·607	5·617	5·622	5·630	5·654	5·664	5·674	5·690	5·700	5·708	5·719	5·725	5·731	5·738	5·739	5·738	5·739	5·742	5·748	5·743	5·744	5·761	5·692
14	5·735	5·735	5·728	5·728	5·729	5·735	5·742	5·743	5·744	5·752	5·762	5·766	5·769	5·772	5·781	5·783	5·783	5·782	5·789	5·788	5·791	**5·794**	5·791	5·790	5·763
15	5·786	5·775	5·769	5·765	5·760	5·766	5·761	5·760	5·758	5·757	5·755	5·751	5·748	5·740	5·733	5·720	5·713	5·710	5·698	5·685	5·683	5·668	5·653	5·624	5·731
16	5·600	5·569	5·548	5·532	5·507	5·491	5·466	5·474	5·473	5·462	5·464	5·456	5·446	5·436	5·416	5·396	5·383	5·374	5·365	5·350	5·337	5·305	5·303	5·290	5·435
17	5·280	5·276	5·255	5·246	5·236	5·240	5·236	5·233	5·234	5·229	5·226	5·219	5·224	5·225	5·246	5·254	5·272	5·281	5·297	5·309	5·321	5·333	5·346	5·352	5·265
18	5·365	5·363	5·369	5·374	5·380	5·378	5·385	5·390	5·396	5·395	5·391	5·384	5·373	5·360	5·345	5·349	5·353	5·353	5·348	5·350	5·364	5·361	5·367	5·384	5·370
19	5·382	5·391	5·399	5·407	5·416	5·430	5·441	5·451	5·461	5·468	5·471	5·470	5·469	5·463	5·453	5·435	5·426	5·422	5·393	5·383	5·368	5·343	5·332	5·320	5·416
20	5·284	5·273	5·268	5·279	5·280	5·284	5·285	5·289	5·296	5·300	5·309	5·316	5·334	5·342	5·352	5·364	5·366	5·368	5·374	5·379	5·376	5·376	5·378	5·375	5·327
21	5·373	5·372	5·370	5·370	5·369	5·371	5·376	5·395	5·403	5·409	5·417	5·428	5·429	5·434	5·435	5·426	5·422	5·419	5·422	5·424	5·427	5·425	5·412	5·410	5·406
22	5·406	5·402	5·402	5·405	5·408	5·418	5·420	5·432	5·440	5·449	5·460	5·466	5·481	5·484	5·498	5·512	5·516	5·524	5·529	5·533	5·544	5·549	5·553	5·560	5·475
23	5·562	5·561	5·555	5·556	5·555	5·559	5·564	5·567	5·564	5·560	5·552	5·554	5·555	5·538	5·537	5·538	5·539	5·534	5·522	5·516	5·520	5·516	5·509	5·510	5·543
24	5·507	5·513	5·501	5·502	5·501	5·498	5·504	5·510	5·513	5·516	5·511	5·510	5·505	5·507	5·490	5·471	5·450	5·415	5·388	5·339	5·329	5·282	5·237	5·213	5·446
25	5·162	5·121	5·170	5·208	5·235	5·244	5·262	5·288	5·298	5·310	5·325	5·352	5·376	5·389	5·401	5·416	5·434	5·438	5·440	5·445	5·448	5·453	5·452	5·440	5·337
26	5·434	5·426	5·417	5·399	5·395	5·382	5·380	5·379	5·368	5·362	5·355	5·350	5·332	5·316	5·303	5·287	5·274	5·262	5·250	5·237	5·229	5·216	5·199	5·186	5·322
27	5·172	5·153	5·137	5·127	5·121	5·117	5·113	5·114	5·117	5·121	5·121	5·124	5·131	5·139	5·150	5·156	5·164	5·167	5·167	5·179	5·191	5·203	5·208	5·217	5·151
28	5·225	5·231	5·234	5·242	5·254	5·261	5·273	5·286	5·297	5·306	5·318	5·322	5·326	5·333	5·336	5·339	5·344	5·346	5·351	5·357	5·361	5·362	5·358	5·351	5·309
29	5·342	5·332	5·325	5·318	5·317	5·307	5·300	5·291	5·280	5·273	5·270	5·252	5·241	5·223	5·200	5·182	5·161	5·140	5·101	5·071	5·032	5·019	4·987	4·963	5·205
30	4·934	4·906	4·855	4·832	4·833	4·807	4·811	4·811	4·808	4·798	**4·786**	4·788	4·817	4·826	4·842	4·842	4·856	4·892	4·934	4·950	4·992	5·004	5·030	5·042	4·875
MEAN	5·348	5·340	5·337	5·336	5·337	5·338	5·342	5·347	5·350	5·354	5·355	5·356	5·360	5·361	5·361	5·360	5·360	5·358	5·353	5·350	5·351	5·347	5·344	5·342	5·349

BAROMETER. REDUCED TO 32°. 4407 FEET ABOVE SEA LEVEL. FIRST FIGURE OMITTED. JULY 1890.

	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	5·053	5·065	5·073	5·084	5·092	5·108	5·124	5·144	5·167	5·181	5·198	5·209	5·236	5·247	5·253	5·252	5·256	5·262	5·267	5·271	5·271	5·271	5·267	5·267	5·192
2	5·256	5·250	5·243	5·231	5·235	5·226	5·230	5·231	5·231	5·238	5·242	5·246	5·246	5·245	5·244	5·241	5·237	5·227	5·233	5·236	5·240	5·239	5·239	5·234	5·238
3	5·234	5·224	5·215	5·214	5·214	5·220	5·225	5·234	5·245	5·253	5·262	5·266	5·272	5·277	5·280	5·282	5·285	5·288	5·293	5·294	5·297	5·300	5·302	5·293	5·261
4	5·288	5·275	5·268	5·267	5·268	5·269	5·271	5·274	5·280	5·280	5·281	5·281	5·283	5·281	5·278	5·274	5·272	5·272	5·276	5·279	5·284	5·285	5·284	5·282	5·277
5	5·277	5·272	5·270	5·263	5·260	5·256	5·260	5·267	5·275	5·278	5·282	5·285	5·286	5·286	5·290	5·287	5·298	5·297	5·298	5·308	5·313	5·311	5·316	5·315	5·290
6	5·311	5·304	5·305	5·296	5·305	5·303	5·312	5·319	5·319	5·321	5·321	5·320	5·322	5·319	5·323	5·315	5·305	5·300	5·302	5·292	5·292	5·286	5·280	5·272	5·306
7	5·261	5·247	5·234	5·230	5·227	5·223	5·220	5·219	5·216	5·205	5·200	5·193	5·186	5·173	5·157	5·149	5·132	5·113	5·094	5·078	5·061	5·038	5·014	4·993	5·161
8	4·969	4·947	4·927	4·905	**4·889**	4·906	4·932	4·944	4·950	4·962	4·977	4·991	5·001	5·006	5·008	5·017	5·021	5·020	5·013	5·019	5·026	5·028	5·037	5·043	4·981
9	5·040	5·045	5·043	5·044	5·051	5·061	5·069	5·092	5·106	5·125	5·140	5·143	5·158	5·174	5·188	5·201	5·209	5·216	5·226	5·247	5·262	5·275	5·284	5·286	5·154
10	5·294	5·300	5·309	5·320	5·327	5·339	5·340	5·361	5·371	5·387	5·397	5·403	5·414	5·423	5·431	5·434	5·440	5·439	5·439	5·443	5·447	5·449	5·448	5·445	5·392
11	5·439	5·431	5·433	5·431	5·432	5·436	5·440	5·441	5·450	5·452	5·456	5·456	5·460	5·458	5·452	5·448	5·436	5·432	5·431	5·423	5·419	5·406	5·392	5·374	5·434
12	5·355	5·339	5·321	5·312	5·301	5·286	5·279	5·275	5·268	5·255	5·247	5·240	5·231	5·218	5·209	5·201	5·191	5·176	5·174	5·161	5·163	5·156	5·147	5·153	5·236
13	5·143	5·130	5·107	5·086	5·050	5·063	5·032	5·023	5·011	5·011	5·006	5·009	4·996	4·990	4·993	4·988	4·993	4·973	4·971	4·985	4·975	4·955	4·947	4·923	5·015
14	4·907	4·896	4·891	4·891	4·903	4·914	4·928	4·949	4·967	4·979	5·000	5·018	5·034	5·057	5·067	5·077	5·077	5·082	5·088	5·094	5·107	5·111	5·116	5·110	5·011
15	5·114	5·115	5·112	5·119	5·126	5·131	5·139	5·149	5·161	5·179	5·211	5·225	5·248	5·270	5·285	5·308	5·329	5·345	5·370	5·393	5·412	5·436	5·450	5·464	5·254
16	5·469	5·479	5·482	5·492	5·504	5·517	5·528	5·543	5·551	5·565	5·570	5·572	5·583	5·584	5·588	5·587	5·590	5·590	5·589	5·599	5·591	5·586	5·585	5·592	5·556
17	5·574	5·564	5·547	5·543	5·538	5·533	5·533	5·531	5·526	5·523	5·518	5·512	5·504	5·492	5·478	5·466	5·457	5·441	5·436	5·425	5·417	5·405	5·385	5·380	5·489
18	5·366	5·355	5·336	5·325	5·310	5·305	5·305	5·305	5·307	5·307	5·310	5·310	5·318	5·322	5·327	5·329	5·331	5·337	5·352	5·365	5·378	5·393	5·404	5·415	5·338
19	5·425	5·432	5·436	5·446	5·455	5·475	5·494	5·514	5·530	5·546	5·568	5·586	5·601	5·611	5·621	5·629	5·638	5·642	5·656	5·666	5·685	5·688	5·687	5·686	5·572
20	5·680	5·673	5·662	5·661	5·661	5·672	5·676	5·682	5·687	5·691	5·703	5·702	5·704	**5·707**	5·691	5·677	5·658	5·655	5·658	5·646	5·641	5·632	5·619	5·616	5·669
21	5·623	5·614	5·621	5·611	5·611	5·609	5·613	5·611	5·607	5·609	5·615	5·615	5·595	5·589	5·572	5·544	5·522	5·511	5·495	5·482	5·469	5·460	5·459	5·445	5·563
22	5·439	5·438	5·422	5·422	5·419	5·422	5·422	5·426	5·414	5·418	5·422	5·422	5·422	5·417	5·420	5·424	5·430	5·440	5·442	5·441	5·441	5·453	5·453	5·456	5·430
23	5·455	5·455	5·448	5·447	5·445	5·430	5·403	5·419	5·398	5·376	5·377	5·379	5·396	5·392	5·384	5·391	5·366	5·351	5·350	5·341	5·331	5·319	5·315	5·311	5·387
24	5·312	5·310	5·306	5·302	5·312	5·324	5·318	5·338	5·352	5·348	5·343	5·353	5·368	5·377	5·373	5·385	5·386	5·379	5·379	5·392	5·389	5·401	5·402	5·406	5·356
25	5·419	5·405	5·412	5·406	5·417	5·422	5·433	5·445	5·448	5·465	5·477	5·485	5·483	5·488	5·491	5·481	5·467	5·461	5·450	5·445	5·438	5·427	5·412	5·416	5·445
26	5·351	5·323	5·318	5·310	5·286	5·282	5·265	5·256	5·255	5·255	5·260	5·256	5·263	5·254	5·263	5·275	5·273	5·276	5·283	5·275	5·282	5·280	5·273	5·271	5·279
27	5·266	5·246	5·238	5·215	5·196	5·183	5·200	5·192	5·191	5·191	5·185	5·197	5·202	5·200	5·204	5·196	5·191	5·180	5·169	5·168	5·154	5·148	5·123	5·127	5·190
28	5·109	5·097	5·082	5·081	5·071	5·072	5·071	5·077	5·086	5·087	5·083	5·082	5·094	5·115	5·129	5·145	5·157	5·173	5·176	5·189	5·198	5·212	5·223	5·231	5·127
29	5·233	5·239	5·238	5·250	5·252	5·257	5·270	5·276	5·287	5·291	5·294	5·294	5·285	5·288	5·289	5·275	5·257	5·231	5·216	5·191	5·178	5·156	5·136	5·137	5·242
30	5·127	5·123	5·124	5·119	5·121	5·122	5·135	5·137	5·133	5·134	5·133	5·145	5·147	5·140	5·140	5·124	5·115	5·104	5·088	5·096	5·115	5·124	5·134	5·147	5·126
31	5·159	5·166	5·168	5·167	5·170	5·174	5·180	5·188	5·202	5·210	5·218	5·222	5·230	5·232	5·241	5·256	5·266	5·271	5·280	5·283	5·290	5·296	5·297	5·292	5·227
MEAN	5·289	5·282	5·277	5·274	5·272	5·275	5·279	5·286	5·290	5·294	5·300	5·307	5·309	5·311	5·312	5·312	5·309	5·306	5·306	5·307	5·309	5·307	5·304	5·303	5·297

TEMPERATURE. DRY AND WET BULBS. JANUARY 1890.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	25·2	25·2	25·2	25·2	25·4	25·4	25·2	25·2	25·7	25·7	26·2	26·2	26·4	26·4	27·8	27·8	27·2	27·2	27·7	27·7	28·3	28·3	28·3	28·3	28·5	24·0
2	25·2	25·2	25·6	25·6	27·2	27·2	29·1	29·1	30·0	30·0	30·0	30·0	29·8	29·8	29·2	29·2	29·1	29·1	29·1	29·1	29·0	29·0	28·7	28·7	30·0	25·2
3	29·2	28·3	29·1	28·2	30·1	28·2	29·6	25·2	27·6	24·0	27·3	23·0	28·5	24·0	26·8	24·6	26·6	26·6	27·4	27·4	26·0	26·0	26·2	26·2	30·1	26·0
4	27·2	27·2	27·2	27·2	28·1	28·1	27·8	27·8	27·1	27·1	26·0	26·0	25·5	25·5	25·4	25·4	24·7	24·7	24·7	24·7	25·0	25·0	25·0	25·0	28·1	21·1
5	25·3	25·3	26·2	26·2	27·0	27·0	28·3	28·3	29·5	29·5	30·6	30·6	30·4	30·4	30·3	30·3	30·2	30·2	29·8	29·8	29·0	29·0	28·3	28·3	30·6	25·3
6	27·0	27·0	27·7	27·7	27·1	27·1	28·0	28·0	28·3	28·3	28·6	28·6	28·8	28·8	29·1	29·1	28·4	28·4	27.4	27·4	26·2	26·2	27·0	27·0	36·1	36·2
7	36·7	36·7	36·6	36·6	36·0	36·0	37·3	37·3	36·4	36·4	36·1	36·1	35·8	35·8	34·5	34·5	31·6	32·0	30·9	31·0	30·9	30·9	30·2	30·2	**37·3**	27·9
8	28·0	28·0	28·0	28·0	28·8	28·8	28·7	28·7	29·0	29·0	29·1	29·1	29·4	29·4	29·5	29·5	29·0	29·0	28·9	28·9	30·1	30·1	30·3	30·3	31·5	27·1
9	28·9	28·9	29·1	29·1	29·8	29·8	27·3	27·3	27·1	27·1	26·8	26·8	26·1	26·1	25·1	25·1	25·1	25·1	26·0	26·0	26·2	26·2	27·4	27·4	31·7	25·1
10	31·8	31·8	30·9	30·9	30·8	30·8	30·0	30·0	28·4	28·4	28·4	28·4	28·4	28·4	27·6	27·6	27·0	27·0	26·9	26·9	26·9	26·9	27·3	27·3	31·8	26·0
11	28·5	28·5	28·1	28·1	26·9	26·9	28·3	28·3	29·9	29·9	31·1	31·1	31·3	31·3	32·2	32·2	32·8	32·8	35·3	35·3	35·6	35·6	36·6	36·6	37·1	26·9
12	32·0	32·1	27·3	27·3	26·1	26·1	27·3	27·3	26·4	26·4	26·3	26·3	26·0	26·0	25·4	25·4	25·7	25·7	25·0	25·0	26·6	26·6	26·4	26·4	34·2	25·0
13	34·0	34·0	35·0	35·0	36·0	36·0	35·0	34·9	32·0	32·2	28·0	28·0	25·8	25·8	26·8	26·8	24·4	24·4	24·9	24·9	24·9	24·9	22·8	22·8	36·0	22·7
14	26·4	26·4	26·3	26·3	26·3	26·3	27·1	27·1	27·6	27·6	27·4	27·4	27·3	27·3	27·3	27·3	27·2	27·2	27·3	27·3	27·4	27·4	29·7	29·7	35·7	20·5
15	22·2	22·2	22·9	22·9	22·7	22·7	23·4	23·4	23·2	23·2	23·9	23·9	23·9	23·9	24·3	24·3	24·8	24·8	25·1	25·1	24·5	24·5	23·9	24·0	35·3	22·2
16	35·0	35·0	32·9	32·9	32·0	32·0	34·0	34·0	34·6	34·6	34·8	34·9	35·3	35·3	35·7	35·7	35·5	35·5	36·0	36·0	36·2	36·2	35·8	36·0	36·6	32·0
17	34·1	34·2	32·2	32·2	32·1	32·2	30·1	30·1	30·0	30·0	29·3	29·3	28·0	28·0	27·5	27·7	26·8	27·0	26·8	26·9	26·3	26·4	26·2	26·3	34·1	35·8
18	25·7	25·8	26·8	26·8	25·7	25·7	25·2	25·2	25·4	25·3	26·7	26·7	[26·8]	[26·8]	27·0	27·0	28·2	28·2	25·6	25·7	24·4	24·5	23·9	24·2	29·4	21·5
19	26·3	26·3	26·7	26·7	26·1	26·1	25·5	25·5	25·2	25·2	25·2	25·3	25·5	25·7	26·1	26·3	26·4	26·4	26·3	26·5	26·3	26·3	26·1	26·2	26·7	22·0
20	22·1	22·1	21·2	21·2	20·1	20·2	20·2	20·2	19·4	19·5	19·2	19·3	20·0	20·1	19·9	20·1	19·3	19·5	18·7	19·0	18·2	18·5	18·3	18·7	22·1	17·3
21	19·9	19·8	18·8	18·9	19·1	19·1	19·1	19·2	18·5	19·0	18·8	19·1	18·5	18·8	18·3	18·6	19·9	20·0	19·9	20·1	20·3	20·4	21·0	21·0	23·0	18·3
22	19·1	19·2	19·0	19·3	19·9	16·8	19·2	18·1	18·8	19·0	18·1	16·4	18·0	18·2	18·0	18·3	18·0	18·1	18·7	18·7	18·8	18·8	19·8	19·7	22·1	18·0
23	18·2	18·2	17·9	17·9	17·1	17·1	16·8	16·8	16·8	16·5	17·3	16·9	17·0	16·1	18·2	16·7	19·0	17·4	19·0	18·3	19·9	18·8	19·7	19·1	24·1	**16·8**
24	24·1	24·1	24·1	24·1	24·0	24·0	23·9	23·9	23·7	23·7	23·1	23·1	24·0	24·1	23·9	23·9	24·1	24·1	24·1	24·1	25·0	25·0	24·7	24·7	31·9	23·1
25	32·3	[32·3]	33·9	[33·9]	36·0	36·0	36·2	36·2	35·1	35·1	33·0	33·0	32·3	32·3	31·9	31·9	31·6	31·6	30·6	30·6	30·1	30·1	29·6	29·6	36·2	26·2
26	25·3	25·3	25·0	25·0	25·0	25·0	24·1	24·2	28·1	28·1	27·4	27·4	26·7	26·7	26·1	26·1	25·3	25·3	24·4	24·4	23·6	23·6	23·3	23·3	28·1	20·7
27	22·9	22·9	23·2	23·2	24·0	24·0	24·0	24·0	24·0	24·0	24·2	24·2	24·0	24·0	24·0	24·0	23·0	23·0	23·2	23·2	23·5	23·4	23·3	23·3	24·2	20·3
28	21·2	21·2	21·3	21·3	21·1	21·1	21·1	21·1	20·3	20·2	19·9	19·9	20·0	19·9	20·0	20·0	20·0	20·0	18·7	18·8	19·7	19·8	19·2	19·2	23·1	18·2
29	21·7	21·7	21·2	21·2	21·2	21·2	20·1	20·1	20·1	20·1	20·2	20·3	20·3	20·2	22·8	22·5	23·2	23·4	23·1	23·0	23·1	23·0	23·7	23·8	32·0	20·1
30	32·0	32·0	32·0	32·0	31·9	32·0	31·6	31·6	31·4	31·4	31·5	31·5	32·0	32·0	32·1	32·1	32·2	32·2	33·0	32·6	34·3	34·2	34·5	34·5	36·3	31·4
31	35·8	35·8	36·1	36·1	36·3	36·3	35·9	35·9	35·5	35·5	36·0	36·0	36·0	36·0	36·0	36·0	35·1	35·1	34·0	34·0	33·3	33·3	33·0	33·0	36·3	27·7
MEAN	27·2	27·2	27·0	27·0	27·1	26·9	27·1	26·9	26·9	26·8	26·8	26·6	26·7	26·6	26·7	26·6	26·5	26·5	26·4	26·4	26·4	26·4	26·5	26·5	31·0	23·6

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	28·5	28·5	28·5	28·5	28·0	28·0	27·0	27·0	27·1	27·1	27·1	27·1	26·8	26·8	25·9	25·9	24·0	24·0	24·2	24·3	27·9	27·9	27·1	27·1	26·7	26·7
2	28·2	28·2	28·3	28·3	28·6	28·6	26·0	26·0	26·1	24·5	25·4	24·9	25·7	24·9	26·8	24·9	28·3	26·3	27·8	27·2	28·8	26·9	28·3	27·0	27·9	27·5
3	28·0	28·0	29·0	29·0	29·3	29·3	28·9	28·9	29·0	29·0	28·8	28·8	28·8	28·8	28·9	28·9	28·8	28·8	28·1	28·1	27·9	27·9	27·8	27·7	28·2	27·3
4	25·2	25·2	24·9	24·9	23·9	24·0	23·4	23·4	22·7	22·7	22·7	22·7	22·4	22·4	22·9	22·9	21·3	21·3	21·1	21·1	22·2	22·2	24·5	24·5	24·6	24·6
5	27·6	27·6	26·9	26·9	27·6	27·6	27·0	26·9	27·9	27·9	27·5	27·5	27·8	27·8	26·1	26·1	26·9	26·9	27·1	27·1	27·8	27·8	26·0	26·0	28·0	28·0
6	29·0	29·0	32·0	32·0	34·8	34·8	35·6	35·6	35·3	35·3	35·1	35·1	35·5	35·5	35·1	35·1	35·0	35·0	35·0	35·0	35·8	35·8	36·1	36·1	31·2	31·2
7	29·9	29·9	29·8	29·8	29·1	29·2	28·8	28·8	29·1	29·1	28·6	28·6	28·1	28·1	27·9	27·9	27·9	27·9	28·0	28·0	28·2	28·2	28·3	28·3	31·5	31·6
8	31·0	31·0	31·2	31·2	31·5	31·5	29·9	30·0	29·9	29·9	30·1	30·1	30·0	30·0	27·1	27·2	27·1	27·1	27·9	27·9	28·9	28·9	28·7	28·7	29·3	29·3
9	28·2	28·2	28·3	28·3	28·0	28·0	28·0	28·0	27·9	27·9	28·0	28·0	28·8	28·8	29·8	29·8	30·2	30·2	31·2	31·2	30·9	30·9	31·7	31·8	28·2	28·2
10	27·6	27·6	27·7	27·9	26·9	27·0	26·0	26·0	26·6	26·6	26·6	26·2	26·7	25·7	27·1	27·1	27·1	27·1	27·2	27·2	27·1	27·1	28·8	28·8	27·9	27·9
11	36·6	36·6	37·1	37·1	37·0	37·0	36·9	36·9	36·0	36·0	35·5	35·5	36·0	36·0	34·9	34·9	34·0	34·0	34·1	34·1	34·0	34·0	34·1	34·1	33·4	33·4
12	27·1	27·1	27·1	27·1	27·8	27·8	28·1	28·1	28·5	28·5	26·3	26·3	25·5	25·5	26·9	26·9	27·8	27·9	28·9	29·0	32·0	32·0	34·2	34·1	27·5	27·5
13	23·9	23·9	24·0	24·0	23·2	23·1	22·9	22·9	22·7	22·7	22·8	22·8	24·0	24·0	23·8	23·8	24·4	24·4	25·0	25·0	25·6	25·6	26·0	26·0	26·6	26·6
14	32·1	32·1	35·3	35·2	35·7	35·7	35·2	35·2	35·0	35·0	30·3	[30·3]	26·3	26·5	25·0	25·0	23·0	23·0	21·9	21·9	20·5	20·6	20·8	20·8	27·8	27·9
15	23·5	23·5	24·1	24·1	26·7	26·7	29·7	29·7	32·1	32·1	32·8	[32·8]	33·5	33·5	35·1	35·1	35·1	35·1	35·3	35·3	35·2	35·2	35·1	35·1	27·6	27·6
16	36·3	36·3	36·1	36·1	36·6	36·6	35·9	35·9	35·9	36·0	35·8	35·9	35·5	35·5	35·0	35·0	35·1	35·1	35·0	35·0	35·0	35·0	34·9	34·9	35·2	35·2
17	26·1	26·1	26·0	26·0	26·2	26·2	26·2	26·2	25·9	25·9	26·3	26·4	26·3	26·4	27·1	27·1	26·1	26·1	25·8	25·8	25·9	25·9	26·1	26·1	27·6	27·7
18	23·3	23·5	21·9	22·0	21·5	21·6	24·5	24·5	27·3	27·3	28·3	28·3	29·4	29·4	27·7	27·8	27·1	27·1	26·2	26·2	26·1	26·1	26·2	26·2	25·9	25·9
19	25·4	25·5	24·9	25·0	25·0	25·0	25·1	25·1	23·8	24 0	24·2	24·3	24·6	24·7	24·0	24·0	23·0	23·0	23·2	23·2	22·0	22·0	22·0	22·0	25·0	25·0
20	19·1	19·5	19·0	19·1	18·9	18·9	18·6	18·8	18·2	18·6	17·4	17·8	17·4	17·6	17·3	17·4	18·9	18·9	18·6	18·6	18·9	18·9	19·1	19·2	19·1	19·2
21	21·3	21·3	21·9	21·9	22·5	22·5	23·0	22·9	22·9	23·0	22·8	22·9	21·8	21·9	22·2	22·2	21·3	21·3	20·9	21·0	20·1	20·2	20·0	20·0	20·5	20·6
22	20·3	20·2	20·9	20·9	20·2	20·2	21·1	21·1	20·4	20·4	21·8	21·7	22·1	22·1	22·1	22·1	21·2	21·2	21·6	21·6	20·7	20·7	19·4	19·4	19·9	19·7
23	20·3	20·2	21·0	21·0	21·9	21·9	22·2	22·2	22·5	22·5	23·0	22·8	23·1	23·1	23·2	23·2	23·6	23·6	24·0	24·0	23·8	23·8	24·1	24·1	20·4	20·1
24	24·6	24·7	24·6	24·6	24·8	24·8	24·9	24·9	24·7	24·7	24·5	24·5	24·5	24·5	24·3	24·4	25·1	[25·1]	24·9	24·9	28·9	[28·9]	31·9	31·9	24·8	24·9
25	28·9	28·9	28·0	28·0	27·8	27·8	27·9	27·8	28·1	28·1	28·1	28·1	31·4	31·4	31·1	31·1	30·0	30·0	29·0	29·0	27·9	27·9	26·2	26·2	30·7	30·7
26	22·7	22·7	22·1	22·2	22·2	22·2	21·7	21·8	21·3	21·3	21·0	21·0	20·7	20·7	21·6	21·6	21·6	21·6	21·1	21·1	21·4	21·4	22·2	22·2	23·5	23·5
27	23·2	23·1	22·9	22·9	22·0	22·0	22·0	22·0	21·2	21·2	21·1	21·0	20·4	20·4	20·3	20·3	20·9	20·9	21·1	21·0	21·0	21·0	21·1	21·1	22·5	22·5
28	19·1	19·1	19·8	19·8	19·7	19·7	19·3	19·3	19·1	19·2	19·7	19·8	18·2	18·2	18·9	18·9	19·8	19·8	21·3	21·4	23·1	23·0	22·9	22·9	20·1	20·2
29	24·1	24·1	24·9	24·9	25·7	25·7	25·6	25·6	25·0	25·0	26·2	26·2	27·4	27·1	30·5	30·5	31·0	31·0	29·8	29·8	31·1	31·1	32·0	32·0	24·8	24·7
30	35·3	35·3	35·8	35·8	35·9	36·0	36·0	36·0	36·2	36·2	36·1	36·1	36·2	36·2	36·3	36·3	36·0	36·0	36·1	36·1	36·0	36·0	35·8	35·8	34·2	34·2
31	32·5	32·5	32·2	32·3	31·8	32·1	29·0	29·1	29·7	29·7	28·3	28·3	28·9	28·9	29·4	29·4	29·3	29·3	29·1	29·1	27·7	27·9	28·2	28·2	32·5	32·5
MEAN	26·7	26·8	27·0	27·0	27·1	27·1	27·0	27·0	27·0	27·0	26·8	26·8	26·9	26·9	26·9	26·9	26·8	26·7	26·8	26·8	27·2	27·1	27·4	27·4	26·9	26·8

TEMPERATURE. DRY AND WET BULBS. FEBRUARY 1890.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	29·8	29·8	31·7	31·7	32·1	32·1	33·1	32·3	32·4	32·4	32·3	32·3	32·1	32·1	32·2	32·2	32·0	32·2	31·4	31·6	31·2	31·2	31·3	31·3	33·1	23·3
2	23·2	23·2	21·7	21·7	20·8	20·8	21·2	21·3	19·9	20·1	20·0	20·1	20·3	20·4	20·5	21·0	21·3	21·5	22·0	22·1	22·6	22·6	23·0	23·0	31·9	19·9
3	32·0	32·0	32·1	32·1	32·2	32·2	32·0	32·0	32·0	32·0	31·6	31·2	31·4	31·4	31·3	31·3	31·3	31·3	31·2	31·2	30·7	30·7	30·3	30·0	32·2	29·7
4	30·0	30·0	30·0	30·0	30·0	29·9	30·0	30·0	30·0	30·0	30·1	30·1	28·9	28·8	28·0	27·9	26·4	26·5	25·6	25·5	24·4	24·4	23·6	23·8	30·1	21·0
5	21·7	21·7	21·3	21·3	21·9	21·9	22·3	22·3	22·3	22·2	21·6	21·6	22·2	22·2	23·2	23·2	23·8	23·7	24·1	23·8	25·4	25·5	25·6	25·7	27·1	21·3
6	25·1	25·0	25·9	25·8	24·8	24·8	25·2	24·6	25·3	24·6	23·9	24·1	24·2	24·2	24·2	24·3	24·0	24·0	25·2	25·3	25·6	25·8	25·3	25·1	27·1	23·9
7	27·2	26·0	26·9	25·9	26·1	25·2	27·0	25·9	27·1	26·0	27·2	25·2	27·4	25·3	28·3	25·6	28·2	26·0	28·0	26·5	28·7	26·9	31·0	27·0	31·7	26·1
8	28·5	21·7	26·0	21·1	24·8	21·8	27·8	22·8	27·2	23·0	27·9	24·0	31·0	25·8	30·0	26·0	31·1	25·7	31·7	24·8	31·2	24·6	31·2	24·8	32·9	24·8
9	27·8	24·3	27·9	24·8	28·0	24·2	28·1	24·0	27·9	23·3	28·6	23·2	28·2	22·5	27·6	21·8	26·5	23·1	28·3	22·1	30·2	24·8	30·1	24·2	30·2	17·8
10	20·0	20·1	20·3	20·3	19·1	19·2	19·3	19·3	19·3	19·3	19·2	19·2	19·1	19·2	19·3	19·3	19·5	19·5	19·5	19·5	19·5	19·5	19·8	20·0	22·0	18·0
11	19·9	19·9	20·3	20·1	21·1	20·9	22·1	21·0	24·3	21·5	25·0	22·2	25·0	23·0	25·4	24·0	26·3	24·3	25·6	24·6	27·0	25·6	27·2	25·0	28·1	19·6
12	20·4	20·0	20·9	20·6	20·2	20·2	19·9	20·0	22·1	20·6	20·5	20·1	23·9	21·7	19·9	19·8	19·3	19·2	19·6	19·3	19·7	19·7	20·2	20·2	23·9	16·2
13	16·0	16·0	15·4	15·5	15·0	15·0	15·0	15·0	17·5	17·5	18·2	18·2	18·7	18·7	19·2	19·2	18·9	18·9	18·4	18·4	17·8	17·8	17·9	17·9	19·2	15·0
14	17·3	17·3	17·2	17·2	16·7	16·7	16·3	16·3	16·3	16·3	16·9	16·9	16·8	16·8	16·7	16·7	17·5	17·5	17·6	17·6	17·2	17·2	17·2	17·2	20·5	16·3
15	17·8	18·0	19·1	19·1	19·7	19·7	19·0	19·0	19·3	19·3	19·4	19·4	18·2	18·2	18·9	18·9	20·0	20·0	20·4	20·4	22·0	22·0	22·5	22·5	23·7	17·8
16	20·9	20·9	20·8	20·8	20·7	20·7	20·7	20·7	20·5	20·5	20·6	20·6	20·8	20·8	21·4	21·4	22·5	22·5	23·5	23·5	24·0	24·0	24·4	24·4	25·0	20·5
17	23·0	23·0	24·0	24·0	24·6	24·6	25·4	25·4	25·9	25·9	26·0	26·0	26·1	26·1	25·2	25·2	24·9	24·9	24·9	24·9	24·1	24·1	23·9	23·9	26·1	23·0
18	25·1	25·1	25·9	25·9	26·3	26·3	26·3	26·3	26·4	26·4	26·6	26·6	26·0	26·0	25·4	25·4	25·0	25·0	25·0	25·0	25·0	25·0	25·4	25·4	26·6	22·7
19	22·8	22·8	22·3	22·3	22·1	22·1	22·6	22·6	22·6	22·6	22·8	22·8	22·9	22·9	23·0	23·0	23·0	23·0	22·8	22·8	22·4	22·4	22·8	22·8	23·0	20·5
20	20·8	20·8	21·1	21·1	21·2	21·2	21·1	21·1	20·9	20·9	20·9	20·9	21·0	21·0	20·7	20·7	20·8	20·8	20·7	20·7	20·6	20·6	21·0	21·0	26·2	19·4
21	25·0	25·0	24·2	24·2	24·3	24·3	24·1	24·1	24·1	24·1	24·7	24·7	24·8	24·8	25·1	25·0	25·4	25·4	25·5	25·5	26·2	26·2	26·5	26·5	27·0	24·1
22	25·9	25·9	25·9	25·9	25·6	25·6	25·0	25·0	25·2	25·2	25·7	25·7	26·0	26·0	26·0	26·0	26·3	26·3	26·3	26·3	26·6	26·6	26·7	26·5	31·9	25·0
23	31·7	31·7	31·7	31·7	31·9	31·9	31·1	31·1	31·7	31·7	31·8	31·7	31·5	31·5	31·5	31·5	31·6	31·6	32·1	32·1	32·3	32·2	32·4	32·4	32·8	30·3
24	31·1	31·1	30·2	30·2	30·0	30·0	30·2	30·2	34·1	31·6	34·9	31·8	34·0	31·1	31·5	30·8	33·5	31·1	38·9	32·8	36·5	31·8	33·6	32·1	40·9	30·0
25	42·9	32·1	43·1	32·1	46·1	31·9	46·0	32·0	45·2	32·0	44·9	30·4	45·0	30·0	44·5	30·2	44·0	31·9	43·3	34·1	41·3	34·2	42·2	35·9	**46·1**	36·8
26	38·0	29·9	37·4	27·8	38·0	30·2	30·0	25·7	28·2	25·5	25·9	25·9	26·7	26·7	26·7	26·7	26·8	26·8	24·0	24·0	22·8	22·8	21·2	21·2	38·0	14·9
27	14·6	14·6	14·8	14·8	15·0	15·0	14·7	14·7	15·0	15·0	15·1	15·1	15·4	15·4	16·0	16·0	16·1	16·1	16·0	16·0	16·0	16·0	15·6	15·6	16·1	13·2
28	13·1	13·1	12·8	12·8	12·9	12·9	12·7	12·7	13·3	13·3	13·6	13·6	13·6	13·6	14·0	14·0	14·9	14·9	15·4	15·4	16·1	16·1	16·9	16·9	24·0	**12·7**
MEAN	24·7	23·6	24·7	23·6	24·7	23·6	24·6	23·5	24·9	23·7	24·8	23·7	25·0	23·8	24·8	23·8	25·0	24·1	25·2	24·1	25·3	24·3	25·3	24·4	28·5	21·6

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	31·3	31·3	31·4	31·4	30·9	30·9	29·8	29·8	27·8	27·8	27·0	27·0	25·6	25·6	25·5	25·5	26·0	26·0	25·0	25·0	23·8	23·9	23·3	23·3	29·5	29·5
2	23·2	23·2	23·4	23·5	24·3	24·3	25·1	25·1	25·8	25·9	26·1	26·1	26·8	26·5	28·2	28·2	28·3	28·3	30·1	30·1	31·2	31·1	31·9	31·9	24·2	24·2
3	30·2	30·2	30·1	30·1	30·0	30·0	30·7	30·7	30·5	30·5	29·8	29·8	29·7	29·7	29·9	29·9	29·9	29·9	30·0	30·0	29·9	29·9	29·9	29·9	30·8	30·8
4	24·0	24·0	23·1	23·1	22·6	22·6	23·0	23·0	21·8	22·0	21·0	21·0	21·5	21·5	21·3	21·4	21·1	21·1	21·4	21·6	21·0	21·0	21·1	21·0	25·0	25·0
5	26·8	26·8	26·9	26·9	26·7	26·7	26·7	26·7	26·6	26·6	27·1	27·0	27·0	27·0	27·0	27·0	26·3	26·3	26·3	26·3	26·2	26·2	26·2	26·2	24·8	24·8
6	25·5	25·5	25·8	25·9	25·3	25·3	27·0	26·0	24·0	24·1	25·8	25·0	26·0	25·0	26·2	24·9	26·8	25·1	27·1	25·6	26·7	25·3	27·1	25·9	25·5	25·0
7	30·5	27·1	31·1	26·1	30·8	27·1	31·7	28·0	31·1	27·9	30·3	28·2	30·7	29·1	31·2	27·4	30·8	28·8	30·0	[25·0]	30·0	23·9	28·2	21·7	29·1	26·3
8	32·0	25·0	31·5	25·3	32·0	26·2	31·2	26·2	31·0	26·0	31·3	26·7	32·9	25·2	30·9	25·1	30·0	24·5	29·0	24·3	29·0	25·2	28·2	24·3	29·9	24·6
9	30·2	23·9	29·0	23·7	29·0	23·1	19·1	19·4	17·8	18·1	18·2	18·5	19·8	19·3	18·9	18·9	19·0	19·0	20·0	20·0	21·2	21·0	21·8	21·2	25·1	22·0
10	19·4	19·3	19·2	19·2	19·3	19·3	21·0	20·8	18·2	18·3	18·0	18·1	20·2	19·8	22·0	20·4	19·9	19·1	18·8	18·8	18·9	18·9	19·0	19·0	19·5	19·4
11	28·1	26·0	27·2	25·9	25·0	25·0	24·5	24·6	24·0	24·0	23·4	23·4	21·9	21·9	21·1	21·1	20·2	20·2	19·6	19·7	20·1	20·1	20·3	20·3	23·5	22·7
12	20·1	19·8	20·0	20·0	19·9	19·9	19·1	19·1	18·2	18·3	17·9	17·9	17·5	17·5	17·1	17·1	16·9	16·9	16·9	16·9	16·4	16·4	16·2	16·2	19·3	19·1
13	17·9	18·0	17·4	17·7	17·3	17·6	17·1	17·1	16·9	16·9	16·5	16·5	16·5	16·5	16·3	16·3	16·4	16·4	16·9	16·9	16·9	16·9	17·0	17·0	17·1	17·2
14	18·1	18·1	18·9	18·9	20·5	20·5	20·0	20·0	18·5	18·5	19·9	19·9	20·3	20·3	20·2	20·2	20·1	20·1	19·9	20·0	19·8	20·0	19·0	19·0	18·3	18·3
15	23·0	23·0	23·4	23·4	23·7	23·7	22·8	22·8	22·8	22·8	22·9	22·9	22·6	22·6	22·8	22·8	22·1	22·1	21·4	21·4	21·0	21·0	20·9	20·9	21·1	21·1
16	24·4	24·4	25·0	25·0	25·0	25·0	24·7	24·7	23·7	23·7	23·0	23·0	22·0	22·0	21·2	21·2	20·6	20·4	22·8	22·8	23·0	23·0	22·8	22·8	22·5	22·4
17	23·3	23·3	24·7	24·7	24·9	24·9	24·9	24·9	24·5	24·5	25·1	25·1	25·2	25·2	25·7	25·7	25·9	25·9	25·9	25·9	25·7	25·7	25·3	25·3	25·0	25·0
18	25·4	25·4	25·3	25·3	24·8	24·8	24·8	24·7	24·2	24·2	24·2	24·2	24·0	24·0	24·1	24·1	23·2	23·2	23·2	23·2	23·1	23·1	22·7	22·8	24·9	24·9
19	22·8	22·8	21·9	21·9	21·2	21·2	20·9	20·9	20·8	20·8	20·7	20·8	20·7	20·7	21·0	21·0	20·5	20·5	20·7	20·7	20·9	20·9	20·9	20·9	21·9	21·9
20	21·0	21·0	20·8	20·8	20·1	20·1	19·8	19·8	19·4	19·4	19·4	19·4	19·5	19·5	19·9	19·9	20·0	20·0	21·8	21·8	25·2	25·1	26·2	26·2	21·0	21·0
21	26·6	26·6	27·0	27·0	26·8	26·8	26·2	26·2	25·7	25·7	26·1	26·1	25·9	25·9	25·2	25·2	25·2	25·2	24·2	24·2	25·8	25·9	25·3	25·3	25·4	25·4
22	28·0	26·6	29·1	27·2	28·7	26·7	28·7	26·5	28·0	27·9	28·0	28·0	28·5	28·5	29·9	29·9	31·0	31·0	31·0	31·0	31·9	31·9	31·9	31·9	27·7	27·4
23	32·6	32·6	32·4	32·4	32·3	32·3	32·8	32·8	32·3	32·3	32·1	32·1	31·4	31·4	31·2	31·2	31·2	31·2	31·0	31·0	30·3	30·3	31·0	31·0	31·7	31·7
24	34·2	31·1	36·2	29·0	37·3	28·9	37·9	28·0	37·5	27·8	37·0	27·1	36·8	27·3	37·0	27·0	38·5	29·0	39·9	31·0	39·1	30·6	40·9	32·0	35·4	30·2
25	42·1	31·2	41·3	31·8	41·4	32·5	39·7	31·7	38·4	29·8	37·3	29·0	37·3	27·8	38·0	28·0	39·0	29·0	39·0	31·8	38·4	30·0	36·8	29·4	41·6	31·2
26	19·9	20·0	18·9	18·9	17·9	18·0	17·2	17·3	16·2	16·2	16·2	16·2	16·2	16·2	16·0	16·0	16·0	16·0	15·5	15·5	14·9	14·9	15·2	15·2	22·7	21·4
27	15·0	15·0	15·7	15·8	14·7	14·8	15·2	15·2	15·0	15·0	14·6	14·6	14·1	14·1	13·8	13·8	13·9	13·9	14·0	14·0	13·8	13·8	13·2	13·2	14·9	14·9
28	17·4	17·4	18·2	18·2	18·8	18·8	19·4	19·4	19·2	19·2	19·7	19·7	19·9	19·9	20·0	20·0	20·9	20·9	22·1	22·1	23·2	23·2	24·0	24·0	17·2	17·2
MEAN	25·5	24·2	25·5	24·3	25·4	24·2	25·0	24·0	24·3	23·4	24·2	23·3	24·3	23·2	24·3	23·2	24·3	23·2	24·4	23·4	24·6	23·5	24·5	23·5	24·8	23·7

TEMPERATURE. DRY AND WET BULBS. MARCH 1890.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	22·2	22 2	16·8	16·8	16·2	16·2	16·2	16·2	15·9	15·9	15·1	15·1	14·4	14·4	14·7	14·7	15·0	15·0	16·0	16·0	16·0	16·0	16·1	16·0	22·2	13·3
2	12·4	12·7	12·4	12·8	12·3	12·2	12·4	12·8	11·6	11·8	11·2	11·2	12·3	11·9	13·0	12·3	14·0	13·0	14·4	13·6	15·7	14·9	15·2	14·4	17·9	11·2
3	20·0	17·0	20·4	18·1	19·4	18·3	20·4	19·0	20·3	19·0	19·1	19·2	20·3	20·3	21·0	21·0	22·6	22·6	22·9	22·9	24·4	24·4	25·0	25·0	26·2	19·1
4	26·3	26·3	27·0	27·0	27·2	27·2	28·1	28·1	28·8	28·8	28·1	28·1	28·2	28·2	29·7	29·7	30·6	30·6	31·5	31·5	32·0	32·0	32·3	32·2	32·3	19·9
5	18·5	18·5	18·5	18·5	18·4	18·4	18·1	18·1	18·5	18·5	18·3	18·3	19·2	19·2	20·0	20·0	21·0	21·0	22·4	22·4	23·5	23·5	25·3	25·3	31·6	18·1
6	30·7	30·7	30·3	30·3	30·6	30·6	30·0	30·0	29·1	29·1	27·7	27·7	26·5	26·5	25·0	25·0	25·0	25·0	25·2	25·2	25·0	25·0	25·1	25·1	30·7	24·7
7	25·2	25·2	24·9	24·9	24·2	24·2	23·8	23·8	22·8	22·8	23·0	23·0	22·9	22·9	22·9	22·9	22·9	22·9	23·3	23·3	24·1	24·1	24·2	24·2	31·8	18·9
8	19·7	19·7	19·0	19·0	19·2	19·2	19·1	19·1	19·1	19·1	18·7	18·7	18·4	18·4	19·0	19·0	19·1	19·1	20·0	20·0	19·9	19·9	21·0	21·0	21·0	11·9
9	10·9	10·9	10·3	10·3	10·4	10·4	11·2	11·2	11·4	11·4	11·0	11·0	10·1	10·1	10·8	10·8	11·6	11·6	11·8	11·8	11·4	11·4	12·1	12·1	25·0	10·1
10	28·2	28·2	31·1	31·1	30·9	30·9	30·3	30·4	29·8	29·8	29·6	29·6	30·0	30·0	29·9	29·9	30·2	30·2	31·0	31·0	31·4	31·4	31·4	31·4	36·4	28·2
11	35·0	35·0	35·2	35·2	36·1	36·1	36·4	36·4	36·6	36·6	36·8	36·8	34·2	34·2	33·4	33·4	32·7	32·7	32·2	32·2	32·1	32·1	32·1	32·1	36·8	32·1
12	35·3	35·3	35·2	35·2	35·0	35·0	34·8	34·8	35·5	35·5	35·8	35·8	36·1	36·1	35·6	35·6	35·3	35·3	34·2	34·2	32·3	32·3	31·6	32·0	36·3	31·0
13	34·5	34·5	33·9	33·9	33·7	33·7	32·3	32·3	32·4	32·4	32·1	32·1	31·7	32·0	31·5	31·7	30·9	30·9	29·9	29·9	29·2	29·2	27·4	27·4	34·5	22·6
14	23·1	23·1	23·6	23·6	23·3	23·5	23·1	23·2	23·1	23·1	22·8	22·8	22·5	22·5	22·2	22·2	22·6	22·6	23·6	23·6	23·7	23·7	24·4	24·4	25·3	22·2
15	25·9	25·9	25·2	25·2	24·0	24·0	24·9	24·9	26·2	26·2	26·7	26·7	26·8	26·8	27·0	27·0	27·1	27·1	27·8	27·8	28·4	28·4	29·0	29·0	29·8	24·0
16	30·0	30·0	29·8	29·8	29·3	29·3	29·3	29·3	29·3	29·3	29·2	29·2	29·3	29·3	29·8	29·8	30·2	30·2	30·4	30·4	30·5	30·5	30·7	30·7	31·9	24·4
17	24·3	24·3	24·0	24·0	23·1	23·2	23·0	23·0	21·9	21·9	21·4	21·4	22·1	22·1	22·4	22·4	22·3	22·3	22·3	22·3	23·2	23·2	23·9	23·9	24·3	20·6
18	21·9	21·9	21·7	21·7	21·8	21·8	22·1	22·1	22·2	22·2	22·2	22·2	22·2	22·2	22·5	22·5	22·4	22·4	22·6	22·6	22·6	22·6	22·9	22·9	26·2	21·7
19	24·3	24·3	24·2	24·2	24·0	24·0	22·8	22·8	25·3	25·3	23·8	22·0	23·8	22·5	23·9	22·1	24·6	23·0	24·8	23·1	26·5	22·5	24·7	22·0	26·5	22·4
20	22·2	22·2	20·9	18·7	20·2	20·2	20·1	20·1	21·9	21·9	21·8	21·8	21·0	21·0	22·9	22·9	23·8	23·8	24·1	24·1	24·1	24·1	24·9	24·9	25·8	20·1
21	24·8	24·8	24·5	24·5	24·9	24·9	24·7	24·7	25·1	25·1	25·2	25·2	25·4	25·4	25·8	25·8	25·5	25·7	25·6	25·2	25·7	25·9	25·8	25·8	28·0	24·5
22	25·1	25·1	23·2	23·2	26·0	26·0	27·0	27·0	27·7	27·7	27·2	27·2	27·2	27·2	27·0	27·0	27·1	27·1	27·2	27·2	27·0	27·0	26·7	26·7	28·9	23·2
23	27·8	27·8	26·1	26·1	25·8	25·8	24·6	24·7	23·5	23·5	23·0	23·0	21·9	21·9	23·6	23·8	25·1	25·1	25·6	25·6	25·6	25·4	27·2	27·3	29·5	21·9
24	23·4	22·0	23·1	23·0	22·4	22·4	22·9	22·9	22·2	22·2	22·8	22·8	22·7	22·7	22·2	22·2	22·9	22·9	23·5	23·5	24·5	24·5	25·0	25·0	26·1	22·2
25	24·9	24·9	25·1	25·1	25·2	25·2	25·0	25·0	25·0	25·0	25·0	25·0	25·2	25·2	25·5	25·5	26·0	26·0	26·3	26·3	27·7	27·7	28·2	28·2	29·0	24·9
26	27·2	27·2	27·8	27·8	28·8	28·8	29·2	29·2	28·8	28·8	27·1	27·1	27·1	27·1	26·1	26·1	26·9	26·9	27·0	27·0	27·2	27·2	27·0	27·2	29·2	26·1
27	27·2	27·2	28·3	28·3	29·6	29·6	31·8	31·8	32·8	32·8	32·2	32·2	31·2	31·4	29·8	29·8	28·6	28·6	28·6	28·6	27·9	27·9	28·9	28·9	32·8	25·6
28	27·0	26·2	27·8	27·5	27·4	27·7	28·2	28·2	29·3	29·3	29·2	29·2	29·5	29·5	29·7	29·7	29·8	29·8	30·0	30·0	30·0	30·0	30·1	30·1	31·2	26·0
29	27·0	27·0	27·4	27·4	26·1	26·1	27·0	27·0	27·4	27·4	28·0	28·0	27·9	27·9	26·7	26·7	28·0	28·0	28·2	28·2	28·2	28·2	30·2	30·2	30·5	26·5
30	27·2	27·2	26·3	26·3	25·2	25·2	24·5	24·5	23·0	23·0	21·8	21·8	19·9	19·9	20·9	20·9	22·2	22·2	24·4	24·4	25·7	25·7	26·1	26·1	27·2	19·9
31	24·4	24·0	24·9	24·2	25·2	24·5	24·9	24·0	24·3	24·3	24·8	23·2	25·3	24·5	26·2	25·2	27·2	27·4	26·3	26·7	26·7	27·0	28·0	28·0	29·3	24·3
MEAN	25·1	24·9	24·8	24·6	24·7	24·7	24·8	24·7	24·9	24·8	24·5	24·4	24·4	24·3	24·5	24·4	24·9	24·9	25·3	25·2	25·6	25·4	25·9	25·8	28·8	22·0

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	16·7	16·2	16·9	16·6	16·9	16·8	17·1	16·9	16·3	16·8	15·4	16·0	15·2	15·0	15·2	15·0	15·1	15·0	14·4	13·2	15·0	13·7	13·3	13·2	15·9	15·8
2	15·5	15·8	15·2	15·2	17·0	16·6	17·9	16·0	16·0	15·2	14·4	13·5	14·8	13·5	15·0	14·1	15·2	15·0	15·2	15·0	17·2	15·0	17·5	15·1	14·5	13·9
3	26·2	26·2	26·0	26·0	25·1	25·1	24·0	24·0	24·9	24·9	25·5	25·5	26·0	26·0	26·1	26·1	26·2	26·2	25·8	25·8	25·8	25·8	25·9	25·9	23·5	23·1
4	32·2	32·2	30·4	31·7	28·6	28·6	26·2	26·2	25·4	25·4	24·1	24·1	23·3	23·3	22·1	22·1	22·1	22·1	21·4	21·3	20·3	20·3	19·9	19·8	26·9	26·9
5	26·9	26·9	28·8	28·8	29·9	29·9	31·0	31·0	31·5	31·5	31·6	31·6	31·6	31·6	30·3	30·3	31·2	31·2	31·3	31·3	31·0	31·0	31·1	31·1	25·3	25·3
6	25·4	25·4	25·1	25·1	24·7	24·7	24·7	24·7	24·9	24·9	25·3	25·3	26·2	26·2	27·4	27·4	28·0	28·0	28·3	28·3	27·3	27·3	26·0	26·0	26·8	26·8
7	26·5	26·5	28·9	28·9	29·8	29·8	31·8	31·8	31·2	31·2	25·6	25·6	20·3	20·3	20·1	20·1	19·2	19·2	19·1	19·1	18·9	18·9	19·9	19·9	24·0	24·0
8	20·7	20·7	20·9	20·9	20·1	20·1	17·4	17·4	17·0	17·0	16·4	16·4	16·7	16·7	15·4	15·4	15·1	15·1	13·2	13·2	13·1	13·1	11·9	12·0	17·9	17·9
9	12·8	12·8	13·4	13·8	14·2	14·2	15·2	15·2	16·2	16·2	16·2	16·2	17·6	17·6	19·3	19·3	20·5	20·5	21·9	21·9	23·2	23·2	25·0	25·0	14·5	14 5
10	30·8	30·8	34·0	32·8	34·9	34·9	35·4	35·4	36·0	36·0	36·2	36·2	36·4	36·4	36·3	36·3	36·2	36·2	35·3	35·3	35·3	35·3	35·0	35·0	32·7	32·7
11	32·3	32·3	32·8	32·8	35·0	35·0	35·8	35·8	36·5	36·5	36·3	36·3	36·4	36·4	36·5	36·5	36·1	36·1	35·8	35·8	35·8	35·8	35·3	35·3	34·9	34·9
12	31·5	31·5	31·5	31·6	31·7	31·7	31·2	31·2	31·0	31·0	32·0	32·0	32·8	32·8	36·1	36·1	36·3	36·3	36·0	36·0	35·3	35·3	35·0	35·0	34·0	34·1
13	26·9	26·9	26·7	26·8	26·1	26·1	24·3	24·6	24·0	24·0	23·4	23·4	23·4	23·4	23·5	23·5	22·6	22·6	23·1	23·1	22·9	22·9	22·8	22·8	27·9	27·9
14	24·3	24·3	25·1	25·1	24·8	24·8	24·4	24·6	24·6	24·6	24·0	24·0	24·0	24·0	23·9	23·9	23·3	23·3	25·0	25·0	25·3	25·3	25·3	25·3	23·8	23·9
15	29·2	29·2	27·2	27·2	27·0	27·0	26·2	26·2	25·5	25·5	27·1	27·1	27·7	27·7	28·2	28·2	29·0	29·0	29·3	29·3	29·7	29·7	29·8	29·8	27·3	27·3
16	31·2	31·2	31·9	31·9	31·9	31·9	31·8	31·8	31·4	31·4	31·3	31·3	30·2	30·2	28·0	28·0	26·7	26·9	25·1	25·1	24·5	24·5	24·4	24·5	29·4	29·4
17	23·9	23·9	23·2	23·2	22·9	23·0	23·8	23·8	23·2	23·2	22·4	22·4	22·7	22·7	21·2	21·2	20·6	20·6	20·8	20·8	21·0	21·0	21·2	21·2	22·5	22·5
18	23·4	23·4	24·2	24·2	26·0	26·0	25·5	25·5	25·2	25·2	25·0	25·0	25·2	25·2	26·1	26·1	26·2	26·2	26·0	26·0	25·0	25·0	24·3	24·3	23·7	23·7
19	25·0	22·9	26·0	23·8	25·1	22·3	24·8	23·8	24·6	22·2	24·0	23·9	23·3	23·5	22·4	22·0	23·2	21·8	22·9	22·0	23·0	23·0	22·9	22·9	24·2	23·0
20	25·2	25·2	25·8	25·8	25·1	25·1	25·1	25·1	24·8	24·8	24·4	24·4	24·3	24·3	24·8	24·8	25·1	25·1	24·9	24·9	25·0	25·0	24·8	24·8	23·6	23·5
21	26·5	26·5	26·9	26·9	27·0	27·0	27·8	27·8	27·2	27·2	27·3	27·3	27·9	27·9	27·4	27·4	28·0	28·0	27·8	27·8	27·4	27·4	25·1	25·1	26·2	26·2
22	26·4	26·4	26·6	26·6	26·8	26·8	27·2	27·2	27·7	27·7	28·1	28·1	28·3	28·3	28·9	28·9	27·8	27·8	27·8	27·8	27·4	27·4	27·9	27·9	27·1	27·1
23	26·5	26·5	28·4	28·4	29·5	29·0	27·2	27·2	25·7	25·7	24·5	24·5	24·1	24·1	24·0	23·9	23·3	23·0	23·4	23·0	23·3	23·2	23·1	22·1	25·1	25·0
24	25·0	25·0	25·2	25·2	25·7	25·7	26·0	26·0	26·1	26·1	26·0	26·0	25·4	25·4	24·8	24·8	24·5	24·4	24·9	24·9	25·0	25·0	25·1	25·1	24·2	24·2
25	27·8	27·8	28·4	28·8	29·0	29·2	28·6	29·0	28·1	28·1	28·0	28·0	27·4	27·4	27·2	27·2	27·2	27·2	27·1	27·1	27·1	27·1	26·5	26·5	26·7	26·8
26	26·5	26·5	27·1	27·1	26·3	26·6	27·0	27·0	27·0	27·0	26·2	26·3	26·8	26·8	26·8	26·8	27·0	27·0	27·0	27·0	28·0	28·0	27·4	27·4	27·2	27·2
27	29·1	29·1	29·1	29·1	29·8	29·9	29·5	29·6	29·7	29·7	29·0	29·0	29·2	29·2	28·2	28·2	27·2	27·2	27·0	27·0	26·8	26·8	25·6	25·4	29·0	29·1
28	31·2	31·2	30·2	30·2	30·1	30·1	30·0	30·0	29·9	29·9	29·6	29·6	28·8	28·8	28·8	28·8	27·1	27·1	26·2	26·2	26·0	26·0	26·2	26·2	28·8	28·8
29	30·4	30·4	30·5	30·5	30·2	30·2	30·1	30·1	29·7	29·7	29·6	29·6	29·0	25·0	29·2	29·2	29·2	29·2	28·5	28·5	28·5	28·5	27·2	27·2	28·5	28·5
30	26·1	26·1	26·0	26·0	25·7	25·7	26·2	26·2	26·0	26·0	26·4	26·4	26·3	26·3	26·2	26·2	25·2	25·2	25·1	25·1	24·3	24·3	27·2	24·2	24·9	24·8
31	28·6	28·8	28·9	28·9	29·3	29·0	29·1	28·2	29·2	29·1	28·6	28·6	28·0	28·0	27·8	27·8	27·8	27·8	27·9	27·9	26·8	26·9	26·0	26·0	26·9	26·7
MEAN	26·2	26·1	26·5	26·4	26·7	26·5	26·5	26·4	26·3	26·2	25·9	25·9	25·8	25·7	25·7	25·7	25·6	25·5	25·4	25·3	25·3	25·2	25·1	24·9	25·4	25·3

TEMPERATURE. DRY AND WET BULBS. APRIL 1890.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	26·2	26·2	26·0	26·0	26·0	26·0	24·0	24·0	25·1	25·1	25·3	25·3	25·9	25·9	25·9	25·9	26·8	26·8	28·4	26·3	31·5	28·5	30·2	29·5	32·3	24·0
2	31·0	30·8	31·1	30·9	31·9	31·9	32·8	32·2	32·7	32·7	32·7	32·7	32·8	32·8	33·9	33·2	34·8	31·6	34·3	32·9	35·1	33·2	35·1	34·2	**37·1**	31·0
3	32·0	30·0	32·0	29·5	31·0	27·7	30·3	25·9	29·9	24·8	28·0	24·9	28·1	22·9	29·7	23·8	30·3	25·3	30·3	26·9	32·0	26·4	33·5	27·9	35·5	28·0
4	31·2	25·7	30·0	26·8	29·7	28·5	30·0	28·1	29·3	28·3	29·0	27·2	29·5	28·0	30·3	27·8	31·7	28·8	31·8	29·8	32·0	31·3	31·8	31·0	32·9	29·0
5	29·9	29·9	29·1	29·1	27·4	27·4	26·0	26·0	22·0	20·3	24·0	19·8	24·0	20·4	24·5	21·8	24·3	24·6	26·0	25·5	23·8	28·3	30·3	28·9	30·3	22·0
6	26·1	26·1	27·6	27·6	27·3	27·3	27·5	27·5	27·2	27·2	26·2	26·2	25·5	25·5	26·2	26·2	27·4	27·6	28·2	28·4	29·1	29·9	29·1	29·2	30·1	25·5
7	26·1	26·1	26·1	26·1	25·8	25·8	25·6	25·6	25·6	25·6	25·6	25·6	24·8	24·8	23·9	23·9	25·4	25·4	25·8	26·2	26·1	26·4	25·5	25·7	26·1	20·3
8	21·0	21·0	21·1	21·1	20·4	20·4	20·4	20·4	20·3	20·3	20·3	20·3	21·1	21·1	21·2	21·2	20·3	20·3	22·6	22·6	23·8	23·8	24·1	24·3	24·1	18·2
9	18·1	18·1	18·3	18·3	18·9	18·9	18·2	18·2	17·8	17·8	17·8	17·8	17·2	17·2	17·8	17·8	18·1	18·1	19·7	19·7	22·0	22·4	22·4	22·0	23·3	17·2
10	19·9	19·9	19·2	19·2	18·9	18·9	19·0	19·0	18·7	18·7	19·1	19·1	19·8	19·8	20·2	20·2	21·2	21·2	22·5	22·5	23·4	23·4	23·8	23·8	25·0	17·0
11	17·6	17·6	18·0	18·0	17·8	17·8	17·8	17·8	17·9	17·9	18·3	18·3	18·0	18·0	23·0	23·0	24·1	23·9	21·8	21·4	21·0	20·4	20·9	20·5	24·1	17·6
12	18·2	18·0	18·2	18·0	18·1	17·9	17·9	17·2	17·8	17·4	16·9	16·5	17·5	16·7	18·0	17·7	18·2	18·0	18·7	18·2	19·9	19·8	21·1	20·8	22·5	**16·9**
13	17·3	17·4	17·6	18·0	16·9	16·4	17·4	16·9	16·9	15·0	19·6	16·9	22·2	19·2	23·5	21·9	19·5	19·8	18·9	19·3	20·2	19·8	23·2	21·9	23·8	**16·9**
14	19·2	19·2	18·8	18·8	18·1	18·1	17·8	17·8	17·9	17·8	17·5	17·1	17·3	17·2	18·4	18·4	20·6	20·6	22·1	22·1	23·8	24·0	25·3	25·3	27·1	17·3
15	22·7	22·7	22·5	22·5	20·9	20·9	20·6	20·6	20·2	20·2	20·0	20·0	20·7	20·7	21·6	21·6	22·7	22·7	24·3	24·1	25·2	25·2	26·7	26·7	27·0	20·0
16	23·0	23·0	23·9	23·9	23·9	23·9	23·9	23·9	23·6	23·6	25·1	25·1	26·2	26·2	27·2	27·2	28·2	28·2	28·8	28·8	29·5	29·5	30·3	30·2	30·8	23·0
17	27·7	27·7	27·2	27·2	26·3	26·3	26·0	26·0	25·4	25·4	25·3	25·3	25·6	25·6	26·0	26·0	26·1	26·1	27·0	27·0	27·7	27·7	28·1	28·1	28·1	24·0
18	23·7	23·7	23·7	23·7	23·7	23·7	23·3	23·3	23·3	23·3	23·6	23·6	23·9	23·9	24·7	24·9	25·3	25·3	26·8	26·8	27·8	27·8	28·9	28·9	29·5	23·3
19	23·7	23·7	23·2	23·2	23·2	23·2	23·2	23·2	24·0	24·0	23·4	23·4	23·5	23·5	24·6	24·7	25·3	25·3	26·5	26·5	27·1	27·1	26·9	27·1	27·8	21·3
20	21·3	21·3	21·9	21·9	21·9	21·9	22·1	22·1	22·2	22·2	23·2	23·2	25·1	25·1	26·5	26·5	27·3	27·3	27·7	27·7	30·0	30·0	30·3	30·3	32·9	21·3
21	33·0	33·0	32·4	32·4	32·1	32·1	32·1	32·1	32·4	32·1	30·8	30·2	32·1	31·9	32·6	32·4	33·0	32·4	34·0	34·0	33·7	33·7	30·8	32·0	34·0	29·1
22	30·3	30·3	30·2	30·2	29·6	29·6	29·8	29·8	30·3	30·3	32·0	32·0	31·4	31·4	27·0	27·0	26·6	26·6	26·3	26·3	27·0	27·0	25·3	25·3	32·0	25·3
23	28·0	28·0	28·0	28·0	28·0	28·0	27·7	27·7	27·2	27·2	27·8	27·8	28·5	28·5	28·7	28·7	29·5	29·5	29·0	29·0	29·9	29·9	30·1	30·1	30·7	27·0
24	27·2	27·2	27·0	27·0	26·8	26·8	26·0	26·0	26·0	26·0	26·2	26·2	26·2	26·2	26·9	27·1	27·0	27·3	27·0	27·8	27·7	28·6	26·1	26·6	28·0	24·0
25	24·0	24·0	24·1	24·1	23·6	23·6	23·3	23·3	23·0	23·0	23·0	23·0	24·0	24·0	24·2	24·8	26·5	27·0	26·2	27·1	28·0	30·2	28·3	29·1	28·3	23·0
26	25·3	25·3	25·0	25·0	25·0	25·0	23·8	23·8	24·8	24·8	24·4	24·4	25·6	25·6	25·3	25·3	25·2	25·2	26·7	27·0	27·5	27·8	27·6	28·0	28·2	23·8
27	27·0	27·0	27·0	27·0	26·0	26·0	25·1	25·1	26·0	26·0	26·0	26·0	25·5	25·6	25·1	25·3	26·7	27·0	27·1	27·3	27·6	27·9	27·9	28·0	30·8	24·5
28	25·0	23·1	23·4	22·8	23·9	22·0	25·0	20·4	24·3	20·1	26·1	21·0	28·2	22·1	28·9	22·1	29·0	22·4	27·0	29·5	26·0	26·1	27·5	26·9	31·3	23·4
29	26·0	26·0	26·0	26·0	25·9	25·9	25·2	25·2	25·1	25·1	25·4	25·4	26·6	27·0	28·0	28·0	27·4	28·0	28·5	29·0	29·1	29·5	30·8	30·4	32·9	25·1
30	30·0	30·0	29·4	29·4	30·8	30·8	32·2	31·8	32·5	32·5	32·7	32·7	33·4	33·4	33·6	33·6	33·4	33·4	33·7	33·7	33·8	34·0	33·8	33·8	36·0	29·4
MEAN	25·1	24·7	24·9	24·7	24·7	24·4	24·5	24·0	24·3	23·8	24·5	23·9	25·0	24·3	25·6	24·9	26·1	25·5	26·6	26·4	27·5	27·3	27·9	27·6	29·4	22·9

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	30·7	30·3	30·2	30·2	30·4	30·4	31·0	31·1	31·8	31·8	32·1	32·2	32·2	32·2	32·3	32·3	32·2	32·2	31·6	31·6	30·8	30·1	31·0	30·2	29·1	28·8
2	36·0	34·6	36·9	34·8	37·0	33·6	37·1	34·0	36·1	33·0	35·7	32·8	35·8	32·4	35·0	32·0	34·2	31·9	34·2	31·0	31·9	31·0	32·8	30·6	34·2	32·5
3	35·2	28·8	35·5	29·7	35·0	31·0	34·3	32·1	35·2	28·0	33·0	28·8	32·2	27·2	33·0	29·0	32·8	29·3	32·1	29·3	31·8	28·7	32·2	25·6	32·1	27·6
4	32·5	31·8	32·9	31·9	32·0	31·0	30·9	30·9	30·2	30·2	30·0	30·0	30·0	30·0	30·2	30·2	30·3	30·3	30·3	30·3	30·2	30·2	30·7	30·7	30·7	29·5
5	28·5	27·5	30·0	28·0	30·0	28·8	29·3	28·3	28·3	27·5	27·1	25·0	27·4	24·4	27·2	24·8	27·0	25·6	27·2	27·0	27·2	27·2	27·3	27·3	27·2	26·0
6	29·9	29·9	29·2	29·4	29·0	29·1	28·2	28·2	28·3	28·3	28·9	28·9	29·4	29·4	30·1	30·1	29·0	29·0	29·1	29·1	28·4	28·4	28·1	28·1	28·1	28·2
7	25·2	25·6	24·5	25·0	24·9	25·1	24·1	24·1	23·8	23·9	22·7	22·8	22·9	22·9	22·9	23·0	21·3	21·8	21·1	21·1	20·6	20·8	20·3	20·3	24·2	24·3
8	23·7	24·0	23·1	23·2	23·9	24·1	23·8	24·0	22·0	22·1	21·7	21·7	20·3	20·3	19·9	19·9	19·8	19·8	19·5	19·5	18·2	18·2	18·8	18·8	21·3	21·4
9	22·4	22·2	23·3	23·2	23·1	23·1	23·0	23·0	22·2	22·4	21·7	21·9	21·2	21·4	21·1	21·1	20·7	20·7	20·9	20·9	20·2	20·2	20·0	20·0	20·3	20·3
10	24·5	24·5	25·0	25·0	24·9	24·9	23·9	23·9	20·6	20·6	20·5	20·0	20·1	20·1	19·8	19·8	18·9	18·9	19·0	19·0	17·8	17·8	17·0	17·0	20·7	20·7
11	21·6	21·1	21·5	21·0	22·0	21·7	22·3	21·5	21·3	20·3	21·5	21·0	20·7	20·4	19·8	19·1	19·2	18·8	18·8	18·0	17·9	17·0	18·2	18·1	20·0	19·7
12	22·2	21·1	22·0	20·4	22·5	20·9	22·5	20·3	21·9	19·8	21·0	18·9	20·4	18·5	19·8	18·7	19·0	18·4	18·9	19·1	19·3	19·3	18·8	18·0	19·5	18·7
13	22·0	20·3	22·6	20·9	23·8	22·0	23·2	21·0	22·8	21·0	21·8	20·4	20·9	19·1	20·0	20·1	20·4	20·4	19·8	19·8	19·2	19·2	19·0	19·0	20·4	19·4
14	26·6	26·9	26·6	26·8	27·1	26·9	26·9	26·8	26·3	26·3	25·8	25·8	25·4	25·4	24·9	24·9	24·8	24·8	24·2	24·2	24·0	24·0	23·2	23·2	22·6	22·6
15	26·8	26·8	27·0	27·0	26·8	26·8	26·1	26·1	25·6	25·6	24·7	24·7	23·9	23·9	23·0	23·0	22·1	22·1	23·0	23·0	22·9	22·9	22·9	22·9	23·5	23·4
16	30·3	30·3	30·7	30·4	30·8	30·7	30·7	30·7	29·9	29·9	29·8	29·8	29·1	29·1	29·0	29·0	28·8	28·8	27·8	27·8	27·8	27·8	27·7	27·7	27·8	27·7
17	27·6	27·6	28·1	28·1	27·8	27·8	27·7	27·7	26·9	26·9	26·7	26·7	26·2	26·2	26·0	26·0	25·2	25·2	25·1	25·1	24·3	24·3	24·0	24·0	26·4	26·4
18	29·5	29·0	29·5	29·2	28·5	28·8	27·9	28·1	27·3	27·3	27·0	27·0	26·2	26·2	25·4	25·4	25·9	25·9	25·8	25·8	25·0	25·0	24·0	24·0	25·9	25·9
19	27·2	27·3	27·3	27·7	27·8	28·0	27·4	27·4	26·8	26·8	26·1	26·1	25·0	25·0	24·0	24·0	24·0	24·0	24·0	24·0	22·2	22·2	21·3	21·3	24·9	24·9
20	29·3	29·3	28·9	28·9	28·3	28·4	31·3	31·3	31·8	31·8	31·6	31·6	32·4	32·2	32·6	32·6	32·3	32·3	32·4	32·4	32·5	32·5	32·9	32·9	28·2	28·2
21	31·2	31·2	30·8	30·8	30·7	30·7	30·7	30·7	30·6	30·6	30·3	30·3	29·6	29·6	30·0	30·0	30·0	30·0	30·0	30·0	30·0	30·0	29·1	29·1	31·3	31·3
22	28·6	28·6	28·2	28·2	29·3	29·3	29·0	29·0	29·2	29·2	29·2	29·2	28·9	28·9	29·0	29·0	28·0	28·0	28·7	28·7	28·4	28·4	28·7	28·7	28·8	28·8
23	30·7	30·7	30·1	30·2	29·9	30·0	29·7	29·7	29·8	29·8	29·2	29·2	28·7	28·7	28·1	28·1	27·9	27·9	27·0	27·0	27·8	27·8	27·6	27·6	28·7	28·7
24	28·0	29·6	27·8	28·8	25·4	26·0	25·8	26·8	24·4	24·6	24·9	24·9	24·0	24·0	24·5	24·5	24·5	24·5	25·1	25·1	24·8	24·8	24·6	24·6	26·0	26·3
25	28·1	27·7	26·2	26·9	27·9	28·2	26·8	26·8	27·3	27·7	26·1	26·2	25·7	25·8	25·8	25·8	25·8	25·8	25·3	25·3	25·8	25·8	25·8	25·8	25·6	25·9
26	26·8	26·8	27·4	27·7	27·6	28·0	28·2	28·3	26·7	27·0	27·0	27·0	28·0	28·0	27·7	27·7	27·3	27·3	27·8	27·8	27·2	27·2	27·1	27·1	26·5	26·5
27	29·2	29·0	30·8	30·0	29·5	28·5	30·4	29·2	29·5	29·0	29·1	28·1	27·5	26·8	26·3	25·8	25·3	25·1	24·9	25·0	24·5	24·8	24·9	24·0	27·0	26·8
28	28·0	27·1	29·7	28·1	31·3	30·7	31·2	29·6	30·0	28·7	29·7	28·4	28·2	27·1	27·3	26·0	28·1	26·2	26·7	25·8	26·3	26·3	26·0	26·0	27·4	25·4
29	30·8	29·9	31·3	29·0	32·9	29·9	32·1	30·1	32·4	30·4	31·8	30·1	31·2	30·2	30·0	30·0	29·0	29·0	29·2	29·2	29·8	29·8	30·0	30·0	28·9	28·5
30	33·2	33·2	33·0	33·0	33·7	33·7	34·9	34·9	34·0	34·0	35·0	35·0	35·0	35·0	34·3	33·3	34·3	32·8	35·0	32·7	34·8	32·7	36·0	33·0	33·4	33·0
MEAN	28·2	27·8	28·3	27·8	28·5	27·9	28·3	27·9	27·8	27·2	27·4	26·8	27·0	26·3	26·6	26·2	26·3	25·9	26·2	25·8	25·7	25·5	25·7	25·2	26·4	25·9

TEMPERATURE. DRY AND WET BULBS MAY 1890.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	35·2	33·2	34·7	33·1	34·7	33·7	33·0	33·0	33·1	33·1	34·7	33·0	34·1	32·5	32·2	32·2	34·1	33·0	34·0	34·0	35·3	34·3	36·4	34·0	38·9	33·0
2	32·0	27·0	31·2	27·2	31·8	27·0	32·0	25·0	31·0	26·7	32·4	25·8	32·6	27·0	34·0	29·1	33·7	31·7	33·5	30·6	34·6	31·4	35·6	32·6	37·2	30·6
3	29·9	29·9	29·8	29·8	29·4	29·4	28·9	28·9	28·0	28·0	28·3	28·3	29·6	29·6	30·5	30·5	32·0	32·0	32·8	32·5	34·2	34·2	34·9	34·9	37·1	28·0
4	34·3	32·3	35·8	33·8	35·9	34·9	35·9	34·0	36·2	35·0	36·8	35·3	37·9	35·6	38·9	35·2	39·0	30·3	38·9	31·9	40·0	32·0	40·8	38·6	42·6	34·3
5	37·9	37·3	37·3	36·9	38·3	38·0	37·9	37·8	38·9	38·1	38·8	38·3	39·8	38·0	38·9	38·3	39·3	38·0	40·5	38·8	41·9	39·4	42·5	39·6	42·5	36·1
6	35·8	35·8	35·0	35·0	34·2	34·2	35·3	35·3	35·9	35·9	36·9	36·9	36·8	36·8	36·2	36·2	36·5	36·5	36·0	36·0	35·6	35·6	35·0	35·0	36·9	34·0
7	33·9	33·9	33·6	33·6	33·1	33·1	33·0	33·0	32·8	32·8	33·0	33·0	33·3	33·3	33·9	33·9	34·4	34·4	34·7	34·7	35·2	35·2	35·5	35·5	38·3	32·8
8	36·8	34·8	35·8	34·3	34·8	34·2	35·2	35·1	34·4	34·1	35·0	34·5	35·1	34·8	36·4	35·8	37·0	36·9	38·5	37·2	39·4	37·8	40·5	38·6	40·5	34·4
9	37·2	33·0	36·0	33·6	37·0	34·6	35·2	34·0	36·7	35·2	34·1	34·0	36·0	35·0	35·2	35·2	36·4	36·0	36·2	36·2	37·0	36·4	37·0	36·8	37·9	34·1
10	33·9	33·9	33·8	33·8	32·8	32·8	32·0	32·1	32·1	32·1	32·2	32·2	32·2	32·2	32·7	32·8	32·6	32·6	33·0	33·0	35·5	35·7	36·3	36·3	37·2	32·0
11	33·2	33·2	33·0	33·0	33·1	33·1	33·4	33·4	33·6	33·6	33·6	33·6	34·8	34·8	34·1	34·1	34·3	34·3	35·0	35·0	35·3	35·3	36·2	36·2	39·9	33·0
12	34·8	34·8	35·0	35·0	35·2	35·2	35·1	35·1	34·0	34·0	34·3	34·3	34·0	34·0	34·0	34·0	33·7	33·7	33·7	33·7	33·7	33·7	33·7	33·7	35·2	32·6
13	31·9	31·9	31·2	31·2	31·7	31·7	31·5	31·5	31·8	31·8	32·0	32·0	32·1	32·1	32·1	32·1	32·1	32·1	32·3	32·3	32·5	33·0	33·3	33·8	34·3	28·7
14	29·0	29·0	29·0	29·0	29·0	29·0	27·8	27·8	27·9	27·9	28·8	28·8	28·8	28·8	29·3	29·3	29·3	29·3	29·3	29·9	30·0	30·5	30·5	30·5	30·5	27·0
15	27·0	27·0	26·2	26·2	26·8	26·8	26·9	26·9	27·0	27·0	27·0	27·0	27·2	27·2	28·5	28·5	30·0	30·4	29·6	29·6	29·8	29·8	30·0	30·0	30·5	26·2
16	29·0	29·0	29·2	29·2	29·1	29·1	29·2	29·2	28·4	28·4	28·2	28·2	28·3	28·3	29·0	29·0	29·0	29·0	31·7	31·7	31·5	31·5	31·6	32·2	34·7	28·2
17	34·2	34·2	34·0	34·0	34·3	34·3	34·9	34·9	34·6	34·6	35·1	35·1	34·9	34·9	35·0	35·0	35·2	35·2	35·2	35·2	35·3	35·3	35·0	35·0	35·3	29·5
18	30·4	30·4	31·2	31·2	31·9	31·9	31·9	31·9	31·7	31·7	32·0	32·0	32·1	32·1	32·2	32·2	32·2	32·2	32·6	32·6	34·5	34·5	34·8	34·8	35·8	30·4
19	34·4	34·4	35·1	35·1	35·8	35·8	35·7	35·7	35·1	35·1	35·5	35·5	35·7	35·7	36·6	36·6	36·9	36·9	38·6	38·6	39·2	39·4	39·4	39·4	43·2	34·4
20	41·1	41·1	41·9	41·9	41·9	41·9	42·0	41·0	43·5	40·2	44·3	41·1	45·5	42·2	45·6	42·2	43·9	43·0	47·1	44·0	46·2	45·3	43·8	43·8	47·1	35·2
21	34·6	34·6	34·4	34·4	34·2	34·2	33·8	33·8	33·6	33·6	33·8	33·8	33·8	33·8	33·9	33·9	34·1	34·1	35·0	35·0	35·2	35·2	35·7	35·7	38·9	33·6
22	38·7	38·7	38·1	38·1	38·2	38·2	37·9	37·9	37·7	37·7	38·1	38·1	39·3	39·3	39·8	39·8	39·8	39·8	41·1	41·1	42·0	42·0	42·7	42·7	44·3	37·7
23	42·9	41·0	43·2	41·0	42·8	40·9	42·8	41·1	42·0	41·1	42·5	42·5	44·8	43·5	45·8	44·1	46·1	45·6	47·3	46·3	49·5	47·6	51·0	47·9	51·3	42·0
24	42·2	38·8	42·2	39·6	41·3	36·9	41·8	36·8	42·2	38·0	43·0	37·4	44·5	40·2	45·9	40·9	47·7	42·9	48·1	43·1	51·3	45·3	52·0	45·5	52·4	41·3
25	49·0	41·0	49·4	41·1	49·3	41·1	49·2	41·0	50·4	39·8	49·6	38·4	47·9	39·6	48·4	39·2	47·6	40·1	46·2	40·3	46·2	40·8	45·5	41·4	50·4	28·0
26	31·3	26·1	26·1	25·1	26·7	24·7	28·0	26·3	26·8	26·9	27·2	27·2	28·5	28·2	28·9	28·9	30·4	30·4	31·6	31·6	31·3	31·3	31·5	31·3	34·7	26·1
27	30·5	26·1	29·4	25·4	32·0	25·4	31·8	27·2	37·7	29·8	38·1	28·4	35·0	27·5	33·9	27·0	31·8	31·0	31·6	32·1	33·1	32·1	37·0	33·2	40·0	29·4
28	40·3	37·2	41·0	37·4	41·7	38·1	39·7	37·8	40·7	38·1	42·2	38·5	42·5	38·5	41·0	37·8	41·5	38·2	42·7	38·3	45·5	41·0	44·4	41·5	45·5	29·1
29	31·1	31·1	31·4	31·4	32·0	32·0	32·3	32·3	33·2	32·8	34·8	34·8	35·6	35·6	35·7	35·7	35·4	35·4	34·8	34·8	33·6	33·6	33·8	33·8	35·7	27·5
30	26·2	26·2	25·3	25·3	25·6	25·6	24·7	24·7	24·3	24·3	23·5	23·5	22·6	22·6	22·4	22·4	23·0	23·0	23·0	23·0	23·1	23·1	22·9	22·9	26·2	22·1
31	22·2	22·2	22·2	22·2	22·8	22·8	22·7	22·7	22·8	22·8	22·7	22·7	22·9	22·9	23·0	23·0	24·0	23·8	24·9	25·0	25·9	26·1	26·3	26·5	29·7	22·2
MEAN	34·2	32·9	33·9	32·8	34·1	32·9	33·9	32·8	34·1	32·9	34·5	33·0	34·8	33·4	35·0	33·7	35·3	34·3	35·8	34·8	36·6	35·4	37·0	35·9	38·9	31·4

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	36·7	32·1	37·8	34·3	38·9	35·1	38·3	35·2	37·5	35·1	36·5	35·1	34·9	33·6	33·8	31·8	34·8	29·2	33·8	28·6	34·0	27·2	33·0	26·9	35·1	32·6
2	36·7	33·1	37·2	34·0	37·0	34·1	34·8	34·8	34·9	34·9	34·2	34·2	34·2	34·2	33·2	33·2	32·2	32·2	31·0	31·0	30·6	30·6	30·8	30·8	33·4	30·8
3	35·6	35·6	36·2	36·2	37·1	36·3	36·3	35·3	35·6	33·6	35·4	33·4	34·6	32·3	34·2	32·2	34·8	32·8	34·2	32·2	36·7	34·8	34·8	32·4	33·1	32·3
4	42·0	40·0	42·6	40·1	42·3	40·4	42·3	40·8	41·1	40·0	40·0	38·8	38·9	38·0	38·3	38·3	38·3	38·3	38·0	38·0	37·6	37·6	37·0	36·8	38·7	36·5
5	41·7	38·8	41·0	39·0	39·4	39·0	40·0	39·0	38·0	38·0	38·1	37·5	37·5	37·0	36·9	36·9	36·1	36·0	36·2	36·2	36·2	36·2	36·1	36·1	38·7	37·8
6	36·2	36·2	36·0	36·0	36·0	36·0	35·8	35·8	35·5	35·5	35·4	35·4	35·3	35·3	35·0	35·0	34·3	34·3	34·2	34·2	34·0	34·0	34·2	34·2	35·5	35·5
7	35·9	35·9	36·2	35·2	37·9	36·1	38·3	36·1	37·9	36·4	38·0	36·0	37·4	36·0	37·1	34·1	36·2	35·8	37·0	34·0	36·2	34·1	36·9	33·9	35·5	34·6
8	40·0	38·0	40·2	38·8	39·2	37·9	39·1	37·1	38·9	37·1	37·2	36·3	37·6	37·3	37·6	36·0	37·9	35·8	37·9	35·2	37·2	34·8	37·1	34·0	37·4	36·1
9	37·2	36·2	37·9	36·4	37·8	37·0	37·7	37·1	37·6	37·0	37·2	36·3	37·0	36·3	36·5	36·2	36·0	35·9	35·9	35·9	35·1	35·1	34·6	34·6	36·4	35·6
10	36·8	36·8	37·2	37·2	37·1	37·1	36·0	36·0	35·4	35·4	35·6	35·6	36·1	36·1	35·8	35·8	35·9	35·9	35·6	35·6	34·4	34·4	33·7	33·7	34·5	34·5
11	36·9	36·9	39·0	38·0	39·3	37·5	39·9	37·9	39·8	38·0	37·7	36·2	36·6	35·2	35·3	35·2	35·3	35·3	35·1	35·1	34·0	34·0	33·8	33·8	35·5	35·1
12	33·9	33·9	33·3	33·3	33·8	33·8	32·9	32·9	32·6	32·6	32·9	32·9	33·9	33·9	33·0	33·0	33·0	33·0	33·1	33·1	33·1	33·1	32·8	32·8	33·7	33·7
13	33·1	33·1	34·3	34·0	34·0	33·6	33·5	33·5	33·1	32·5	33·1	32·0	32·2	32·1	31·9	32·0	32·2	32·3	32·2	32·2	28·7	28·7	29·1	29·1	32·2	32·1
14	30·0	30·3	30·2	30·4	29·5	29·5	29·8	30·0	28·8	28·8	28·8	29·0	28·1	28·1	27·0	27·0	27·1	27·1	27·0	27·0	27·0	27·0	27·4	27·4	28·7	28·8
15	30·4	30·4	30·0	30·0	30·5	30·5	30·0	30·0	29·4	29·4	29·4	29·2	28·9	28·9	28·2	28·2	29·0	29·0	29·1	29·1	28·9	29·0	29·0	29·0	28·7	28·7
16	32·0	32·0	32·1	32·1	32·8	32·8	32·6	32·6	32·5	32·5	32·3	32·3	32·3	32·3	32·3	32·3	32·7	32·7	32·7	32·7	33·2	33·2	34·7	34·7	31·1	31·1
17	33·8	33·8	32·6	32·6	32·3	32·3	33·1	33·1	32·8	32·8	31·9	32·1	30·2	30·2	31·2	31·2	31·0	31·0	30·8	30·8	29·5	29·6	30·0	30·0	33·2	33·2
18	34·8	34·8	35·0	35·0	35·8	35·8	35·8	35·8	35·8	35·8	35·8	35·8	34·8	34·8	34·1	34·1	33·8	33·8	34·2	34·2	35·0	35·0	34·8	34·8	33·6	33·6
19	41·7	41·1	40·8	40·5	43·2	41·2	43·2	40·8	43·1	41·0	43·0	41·2	42·8	41·0	41·6	41·5	41·0	40·4	41·3	40·2	41·2	40·3	41·0	40·2	39·2	38·6
20	44·0	44·0	43·0	43·0	43·2	43·2	43·2	43·2	42·7	42·7	39·6	39·6	37·2	37·2	56·7	34·0	37·2	37·2	37·2	37·2	36·8	36·8	35·2	35·2	41·8	40·9
21	36·3	36·3	35·9	35·9	35·0	35·0	34·9	34·9	34·8	34·8	36·2	36·2	37·5	37·5	37·9	37·9	38·1	38·1	38·7	38·7	38·9	38·9	38·8	38·8	35·6	35·6
22	42·7	42·7	42·9	42·9	43·1	43·1	43·9	43·9	44·3	44·3	43·6	43·6	42·9	42·9	42·2	42·2	41·8	41·8	41·6	41·3	41·8	41·2	43·1	41·1	41·1	41·0
23	51·3	47·6	51·1	46·9	50·8	47·2	50·5	47·0	51·1	47·4	48·7	47·0	47·0	45·9	45·8	44·8	44·0	43·2	43·3	42·8	44·3	41·8	44·2	38·7	46·4	44·3
24	51·5	45·8	52·0	46·2	52·4	47·3	51·0	46·0	50·6	46·4	49·5	46·2	48·9	44·0	49·1	42·5	48·1	41·8	48·2	41·5	48·1	40·8	50·0	39·9	47·6	42·2
25	44·8	42·1	43·6	41·8	43·9	43·1	42·8	41·3	37·1	37·0	37·7	35·7	36·0	31·9	34·4	29·0	33·4	27·6	32·0	27·8	29·3	26·3	28·0	25·7	42·6	37·2
26	32·7	32·2	33·3	32·9	32·8	32·3	34·0	32·4	34·7	32·8	33·8	32·4	32·2	31·7	31·2	30·3	29·0	28·0	28·1	27·2	27·2	26·9	31·2	26·2	30·4	29·3
27	37·1	34·8	37·9	35·4	39·5	36·3	39·2	35·2	40·0	36·0	38·7	36·1	38·1	36·2	37·4	35·9	37·4	36·0	39·6	37·0	39·0	36·4	40·0	37·1	36·1	32·4
28	37·0	36·4	37·1	36·8	36·8	36·7	35·3	35·1	32·8	32·8	32·4	32·4	31·0	31·8	30·1	30·1	29·6	29·6	29·4	29·4	29·1	29·1	30·3	30·3	37·3	35·5
29	33·8	33·8	33·8	33·8	33·8	33·8	32·8	32·8	32·4	32·4	32·2	32·2	32·2	32·2	32·1	32·1	31·3	31·3	30·8	30·8	29·4	29·4	27·5	27·5	32·7	32·7
30	23·8	23·8	24·2	24·2	23·7	23·7	23·8	23·8	23·1	23·1	22·1	22·1	22·5	22·5	22·5	22·6	22·8	22·8	22·9	22·9	22·5	22·5	22·1	22·1	23·4	23·4
31	27·5	27·9	28·8	28·8	29·2	29·1	29·3	29·4	29·7	29·7	28·7	28·7	28·8	28·8	28·7	28·7	28·1	28·1	28·0	28·0	28·1	28·1	28·3	28·3	26·1	26·1
MEAN	37·0	36·0	37·2	36·2	37·4	36·3	37·1	36·1	36·6	35·7	36·0	35·2	35·4	34·7	34·9	34·0	34·6	33·8	34·5	33·5	34·1	33·1	34·2	32·8	35·3	34·3

TEMPERATURE. DRY AND WET BULBS. JUNE 1889.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	29·1	29·1	28·8	28·8	29·0	29·0	29·5	29·5	30·0	30·0	30·5	30·5	31·5	31·5	32·1	32·1	34·3	34·3	36·0	36·2	35·2	35·6	35·2	35·2	36·0	28·8
2	29·1	29·1	29·2	29·2	29·9	29·9	28·8	28·8	28·4	28·4	29·9	29·9	30·2	30·2	31·4	31·4	31·9	31·9	32·2	32·2	33·6	33·6	34·8	34·8	40·2	28·4
3	40·1	40·1	39·2	39·2	40·0	40·0	40·2	40·2	39·7	39·7	39·9	39·9	39·5	39·5	39·8	39·8	39·9	39·9	40·2	40·2	40·2	40·2	40·2	40·2	40·2	36·0
4	39·8	39·8	38·2	38·2	36·9	36·9	36·6	36·6	37·1	37·1	37·3	37·3	36·2	36·2	35·0	35·0	34·8	34·8	35·2	35·2	36·0	36·0	36·5	36·5	39·9	34·8
5	40·1	40·1	40·1	40·1	40·2	40·2	40·0	40·0	39·8	39·8	39·7	39·7	39·8	39·8	38·9	38·9	38·6	38·6	39·0	39·0	39·8	39·8	39·9	39·9	40·2	34·0
6	39·4	39·4	40·0	40·0	40·0	40·0	39·4	39·4	39·0	39·0	38·9	38·9	38·2	38·2	37·8	37·8	34·9	34·9	32·4	32·4	31·2	31·4	30·8	30·9	40·0	27·4
7	27·1	27·1	28·0	28·0	27·8	27·8	27·3	27·3	27·8	27·8	27·1	27·1	28·2	28·2	28·0	28·0	29·2	29·2	29·5	29·5	30·4	30·4	31·4	31·0	32·6	**27·1**
8	29·6	29·2	29·5	29·1	29·0	28·7	28·9	27·9	28·9	27·4	29·9	28·9	30·5	30·1	32·1	31·6	33·1	32·6	36·4	35·6	38·5	35·5	39·9	36·0	40·0	28·9
9	37·1	37·1	38·3	38·3	38·1	38·1	38·0	38·0	38·0	38·0	37·9	37·9	38·2	38·2	38·6	38·6	38·8	38·8	38·8	38·8	38·9	38·9	39·2	39·2	39·2	37·0
10	37·2	37·2	37·9	37·9	38·1	38·1	37·8	37·8	37·2	37·2	36·9	36·9	36·7	36·7	37·1	37·1	38·3	38·3	39·0	39·0	39·8	39·8	40·7	40·7	42·9	36·7
11	39·1	39·1	38·6	38·6	38·3	38·3	38·9	38·9	39·0	39·0	38·8	38·8	38·8	38·8	38·9	38·9	39·0	39·0	39·1	39·1	38·9	38·9	38·9	38·9	39·1	35·1
12	35·0	35·0	35·0	35·0	35·0	35·0	34·6	34·7	34·6	34·6	34·8	34·8	34·0	34·0	35·2	35·2	36·0	36·0	36·6	36·6	36·8	36·8	37·2	37·2	38·0	34·0
13	36·2	36·2	36·6	35·7	35·3	35·3	35·3	35·3	35·2	35·2	34·7	34·7	35·2	35·2	36·6	36·6	36·5	36·5	38·3	38·3	39·6	38·9	40·8	39·9	40·8	34·7
14	35·7	35·7	35·8	35·8	35·2	35·2	35·1	35·1	35·0	35·0	35·0	35·0	35·6	35·6	35·8	25·8	36·0	36·0	36·1	35·0	36·8	35·8	38·3	37·7	40·2	35·0
15	36·6	36·1	40·1	38·5	38·2	33·3	38·9	35·3	38·4	34·8	41·2	36·2	41·6	41·6	42·8	42·8	42·4	42·4	42·3	42·3	42·7	42·7	44·0	44·0	45·0	36·6
16	44·8	44·8	44·9	44·9	44·1	44·1	43·3	43·3	42·9	42·9	43·1	43·1	42·6	42·6	42·2	42·2	40·6	40·6	39·8	39·8	39·3	39·3	38·3	38·3	44·9	35·0
17	34·0	34·0	34·0	34·0	34·2	34·2	34·0	34·0	34·0	34·0	34·0	34·0	33·8	33·8	33·9	33·9	34·4	34·4	35·0	35·0	34·7	34·7	33·8	33·8	35·4	33·8
18	33·3	33·3	32·3	32·3	32·1	32·1	32·1	32·1	32·1	32·1	32·3	32·3	33·0	33·0	33·7	33·7	35·3	33·9	35·8	34·3	37·6	36·8	38·0	37·4	40·3	32·1
19	36·2	36·2	36·3	36·3	36·0	36·0	35·8	35·8	35·2	35·2	35·2	35·2	36·0	36·0	35·5	35·5	35·5	35·5	36·5	36·5	36·0	36·0	37·1	37·1	37·5	35·2
20	37·7	37·7	38·1	38·1	38·9	38·9	38·7	38·7	35·2	35·2	34·1	34·1	35·1	35·1	35·5	35·5	35·6	35·6	35·6	35·6	36·0	36·0	35·5	35·5	38·9	32·7
21	33·2	33·2	33·8	33·8	32·7	32·7	33·0	33·0	33·1	33·1	33·6	33·6	33·9	33·9	34·2	34·2	34·4	34·4	33·6	33·6	34·9	34·9	36·3	36·3	38·4	32·7
22	39·0	39·0	39·0	39·0	38·4	38·4	37·2	37·2	36·9	36·9	37·1	37·1	37·2	37·2	37·2	37·2	36·3	36·3	37·4	37·4	38·2	38·2	38·5	38·5	40·2	36·3
23	41·0	41·0	41·1	41·1	42·2	42·2	41·8	41·8	42·0	42·0	42·8	42·8	43·2	43·2	43·3	43·3	44·6	44·6	44·8	44·8	45·6	45·6	44·8	44·8	**45·6**	34·3
24	35·9	35·9	35·0	35·0	34·7	34·7	35·0	35·0	35·0	35·0	35·1	35·1	34·6	34·6	35·1	35·1	35·3	35·3	35·0	35·0	36·5	36·5	36·0	36·1	42·6	34·6
25	43·1	43·1	42·4	42·4	38·8	38·8	36·0	36·0	35·1	35·1	33·8	33·8	33·4	33·4	32·6	32·6	32·8	32·8	33·6	33·6	33·8	33·8	33·8	33·8	43·1	31·8
26	33·1	33·1	32·8	32·8	32·6	32·6	31·8	31·8	32·3	32·3	32·1	32·1	33·2	33·2	34·0	34·0	35·7	35·7	36·6	36·6	37·0	36·7	37·0	36·7	37·1	31·8
27	34·0	34·0	32·2	32·2	32·1	32·1	32·0	32·0	31·9	31·9	32·0	32·0	32·2	32·2	33·6	33·6	34·6	34·6	36·0	35·4	35·1	35·0	36·0	35·9	36·0	31·9
28	34·0	34·0	33·1	33·1	32·2	32·2	31·9	31·4	31·8	31·4	32·8	31·9	32·3	32·0	33·3	33·0	33·8	33·0	35·2	34·4	37·2	36·0	37·2	37·0	39·4	31·8
29	33·1	33·0	33·0	33·0	33·2	33·2	32·2	32·2	32·7	32·7	32·6	32·6	33·4	33·0	35·0	34·6	35·8	35·2	37·5	36·4	39·7	37·0	39·3	37·6	39·8	32·2
30	35·0	35·0	35·2	35·2	35·2	35·2	35·3	35·3	35·2	35·2	35·1	35·1	35·0	35·0	35·3	35·3	35·8	35·8	35·8	35·8	35·8	35·8	35·8	35·8	36·9	35·0
MEAN	36·0	35·9	36·0	35·9	35·6	35·4	35·3	35·1	35·1	34·9	35·3	35·0	35·4	35·4	35·8	35·8	36·1	36·0	36·6	36·5	37·2	36·9	37·5	37·2	39·7	33·2

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	34·5	24·5	33·3	33·6	33·2	33·5	33·0	33·2	32·8	32·8	32·8	32·8	32·0	32·0	31·1	31·1	30·6	30·6	30·1	30·1	30·0	30·0	30·2	30·2	31·9	31·9
2	36·7	36·7	38·0	38·0	38·8	38·8	40·0	40·0	40·2	40·2	40·0	40·0	40·1	40·1	40·0	40·0	40·0	40·0	40·0	40·0	40·0	40·0	40·1	40·1	35·1	35·1
3	40·2	40·2	40·0	40·0	37·2	37·2	37·0	37·0	37·0	37·0	36·0	36·0	37·0	37·0	37·0	37·0	37·6	37·6	37·9	37·9	38·8	38·8	39·2	39·2	38·9	38·9
4	37·0	37·0	37·0	37·0	37·2	37·2	37·1	37·1	37·9	37·9	37·5	37·5	38·5	38·5	38·9	38·9	39·2	39·2	39·8	39·8	39·6	39·6	39·9	39·9	37·5	37·5
5	39·8	39·8	38·9	38·9	38·2	38·2	37·8	37·8	36·4	36·4	35·0	35·0	34·0	34·0	35·0	35·0	35·2	35·2	37·0	37·0	37·7	37·7	38·3	38·3	38·3	38·3
6	29·4	29·4	29·5	29·5	30·2	30·2	30·7	30·7	30·5	30·5	29·7	29·7	29·0	29·0	28·8	28·8	27·8	27·8	27·4	27·5	27·8	27·8	27·8	27·8	32·9	33·0
7	31·3	31·3	31·4	31·4	31·4	31·0	32·6	31·8	32·0	31·6	31·2	30·7	31·0	30·8	30·5	30·5	30·0	30·0	30·0	29·8	30·0	29·0	29·7	29·1	29·7	29·5
8	40·0	36·7	38·5	35·5	38·1	36·2	35·9	35·9	35·9	35·9	36·0	36·0	36·1	36·1	37·0	37·0	37·2	37·2	37·4	37·4	37·8	37·8	37·9	37·9	34·8	33·8
9	39·0	39·0	37·8	37·8	37·1	37·1	37·2	37·2	38·0	38·0	38·0	38·0	38·0	38·0	38·0	38·0	38·0	38·0	38·0	38·0	37·1	37·1	37·0	37·0	38·0	38·0
10	41·1	41·1	41·1	41·1	42·0	42·0	42·9	42·9	41·8	41·8	41·0	41·0	39·9	39·9	39·0	38·4	38·3	37·4	38·2	38·2	39·1	39·1	39·3	39·2	39·2	39·1
11	37·8	37·8	37·8	37·8	37·2	37·2	37·1	37·1	36·3	36·3	36·8	36·8	36·1	36·1	36·2	36·0	36·0	36·0	35·3	35·3	35·2	35·2	35·0	35·0	37·6	37·6
12	37·6	37·6	38·0	38·0	37·4	37·4	37·8	37·8	37·7	37·7	37·0	37·0	37·2	37·2	37·2	37·2	37·1	37·1	36·6	36·6	36·4	36·4	36·8	36·8	36·3	36·3
13	38·7	38·3	40·0	39·7	40·3	40·0	40·0	39·6	39·5	39·2	39·2	39·1	38·1	38·0	37·8	37·7	37·1	37·0	36·0	36·0	36·0	36·0	35·8	35·8	37·4	37·3
14	38·2	37·8	39·1	38·1	38·9	38·0	39·9	38·9	40·2	39·0	40·1	39·0	40·0	39·0	39·0	37·8	39·0	38·2	38·7	38·1	38·1	38·0	38·2	37·1	37·5	36·9
15	43·8	43·8	43·9	43·9	43·7	43·7	43·8	43·8	44·0	44·0	43·7	43·7	44·0	44·0	43·9	43·9	44·8	44·8	45·0	45·0	44·8	44·8	44·1	44·1	42·4	41·6
16	38·0	38·0	37·8	37·8	38·0	38·0	37·7	37·7	37·6	37·6	37·0	37·0	36·2	36·2	35·6	35·6	35·3	35·3	35·2	35·2	35·1	35·1	35·0	35·0	39·4	39·4
17	34·9	34·9	35·2	35·2	35·0	35·0	35·4	35·4	35·3	35·3	35·3	35·3	35·3	35·3	35·0	35·0	35·0	35·0	33·8	33·8	34·0	34·0	33·9	33·9	34·5	34·5
18	39·8	39·8	40·0	40·0	40·2	40·2	40·3	40·3	40·2	40·2	40·0	40·0	39·4	39·4	39·2	39·2	38·0	38·0	37·4	37·4	37·2	37·2	37·0	37·0	36·5	36·3
19	37·5	37·5	37·1	37·1	36·3	36·3	36·9	36·9	36·8	36·8	35·6	35·6	36·7	36·7	37·0	37·0	37·0	37·0	37·0	37·0	36·7	36·7	37·1	37·1	36·4	36·4
20	35·3	35·3	35·4	35·4	35·1	35·1	35·2	35·2	35·0	35·0	33·8	33·8	34·0	34·0	33·7	33·7	33·0	33·0	32·7	32·7	33·1	33·1	33·0	33·0	35·2	35·2
21	36·4	36·4	36·7	36·7	37·2	37·2	37·8	37·8	37·9	37·9	37·3	37·3	37·6	37·6	37·7	37·7	37·0	37·1	38·0	38·0	38·0	38·0	38·4	38·4	35·7	35·7
22	38·9	38·9	39·0	39·0	39·8	39·8	40·2	40·2	40·2	40·2	40·1	40·1	39·5	39·5	38·5	38·1	38·3	37·1	39·2	38·9	39·5	39·5	39·5	39·5	38·5	38·5
23	44·6	44·6	45·0	45·0	44·4	44·4	43·8	43·8	42·9	42·9	40·4	40·4	38·1	38·1	36·9	36·9	34·3	34·3	35·2	35·2	35·2	35·2	36·1	36·1	41·4	41·4
24	36·9	36·9	36·8	36·8	35·2	35·2	36·2	36·2	36·6	36·6	37·0	37·0	37·6	37·6	38·3	38·3	39·8	39·8	40·2	40·2	41·4	41·4	42·6	42·6	36·7	36·7
25	34·4	34·4	34·0	34·0	34·1	34·1	33·7	33·7	34·1	34·1	33·6	33·6	34·2	34·2	33·4	33·4	32·9	32·9	33·1	33·1	32·0	32·0	31·8	31·8	34·6	34·6
26	36·9	36·9	35·6	35·6	36·2	36·2	37·1	37·1	36·7	36·7	36·0	36·0	35·4	35·4	35·6	35·6	35·0	35·0	35·0	35·0	35·3	35·3	33·4	33·4	34·9	34·8
27	35·9	35·9	34·1	34·1	35·7	35·7	35·0	35·0	35·5	35·5	35·8	35·8	34·9	34·9	35·0	35·0	35·0	35·0	34·1	34·1	33·8	33·8	34·0	34·0	34·2	34·2
28	37·0	36·7	38·8	38·8	37·0	36·1	39·4	38·0	38·0	37·4	37·6	36·6	36·9	36·1	36·4	35·7	35·4	35·0	34·2	34·0	34·0	33·7	33·8	33·8	35·1	34·6
29	39·5	37·6	39·8	38·0	38·2	37·0	37·0	37·0	37·0	36·7	36·6	36·5	35·7	35·0	35·3	35·3	35·2	35·2	35·3	35·3	35·5	35·5	35·3	35·3	35·7	35·2
30	36·2	36·2	36·9	36·9	36·3	36·3	36·8	36·8	35·8	35·8	35·4	35·4	35·6	35·6	35·2	35·2	35·2	35·2	35·6	35·6	36·0	36·0	36·0	36·0	35·6	35·6
MEAN	37·6	37·4	37·6	37·4	37·3	37·1	37·5	37·4	37·3	37·2	36·8	36·8	36·6	36·5	36·4	36·3	36·1	36·0	36·1	36·1	36·2	36·1	36·2	36·2	36·4	36·3

TEMPERATURE. DRY AND WET BULBS. JULY 1890.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	36·1	36·1	36·1	36·1	36·0	36·0	34·8	34·3	32·6	32·1	34·2	33·9	34·5	33·5	34·9	33·8	36·7	35·0	35·0	35·0	35·4	35·4	36·5	36·5	40·5	32·6
2	36·9	36·1	36·2	35·8	35·8	35·3	35·2	35·2	35·8	35·8	36·3	36·3	36·6	36·6	36·9	36·9	36·9	36·7	38·0	37·4	38·5	37·3	40·7	39·7	41·3	34·8
3	34·8	34·2	34·4	34·4	33·3	33·3	33·0	32·9	32·5	32·5	32·2	32·2	34·2	34·1	34·0	34·0	34·9	34·8	34·9	34·9	35·3	34·9	36·5	36·5	38·1	32·2
4	34·2	33·8	33·2	32·1	33·2	33·2	34·4	34·4	34·7	34·7	34·8	34·8	34·9	34·9	34·9	34·9	35·3	35·3	35·7	35·7	36·0	36·0	37·0	36·2	37·9	33·2
5	33·0	33·0	32·8	32·8	32·4	32·4	32·2	32·2	31·3	31·4	31·8	31·8	33·4	33·2	33·9	33·9	34·7	34·7	35·3	35·3	35·8	35·8	36·3	36·3	36·3	31·3
6	33·2	33·2	32·8	32·8	32·1	32·1	32·1	32·1	32·3	32·3	32·1	32·1	32·1	32·1	32·6	32·6	33·5	33·5	34·5	34·5	34·8	34·8	35·0	35·0	35·0	31·1
7	31·0	31·0	30·2	30·2	29·1	29·1	30·0	30·0	30·8	30·8	30·9	30·9	31·3	31·3	31·7	31·7	31·9	31·9	32·0	32·0	32·5	32·2	32·1	32·1	32·5	29·1
8	31·3	31·4	30·6	30·6	30·0	30·0	29·9	29·9	29·8	29·8	28·8	28·8	30·0	30·0	31·0	31·0	30·5	30·5	30·8	30·8	30·9	30·9	31·9	31·9	33·0	**28·8**
9	31·3	31·3	30·2	30·2	29·8	29·8	29·8	29·8	29·3	29·3	30·0	30·0	30·4	30·4	31·1	31·1	31·9	31·9	32·0	32·0	33·3	33·3	33·9	33·9	34·0	29·3
10	30·6	30·6	30·3	30·3	30·1	30·1	29·0	29·0	28·9	28·9	29·7	29·7	29·8	29·8	30·7	30·7	31·2	31·2	31·9	31·9	32·2	32·0	33·1	32·9	34·0	28·9
11	30·3	30·3	30·0	30·0	30·0	30·0	29·9	29·9	29·0	29·0	30·2	30·1	29·8	29·7	29·4	29·2	32·2	31·6	32·1	31·1	32·9	31·9	34·2	32·0	36·1	29·0
12	31·3	32·0	31·0	31·2	30·8	31·0	30·9	30·9	30·3	30·3	30·0	30·0	30·6	29·3	31·0	31·0	32·1	31·3	33·2	32·0	33·6	33·0	35·3	35·0	38·0	30·0
13	38·6	38·6	38·3	38·3	38·1	38·1	37·9	37·9	38·0	38·0	38·3	38·3	39·0	39·0	40·8	40·8	43·0	43·0	44·2	44·2	45·1	45·1	45·2	45·2	47·1	37·9
14	47·0	47·0	46·3	46·3	44·8	44·8	43·2	43·2	38·6	38·6	37·9	37·9	36·9	36·9	36·2	36·2	36·3	36·3	36·5	36·5	36·0	36·0	36·5	36·5	47·0	36·0
15	36·1	36·1	36·0	36·0	35·9	35·9	35·3	35·3	35·4	35·4	35·0	35·0	35·3	35·3	35·5	35·5	36·0	36·0	36·2	36·2	35·6	35·6	35·9	35·9	38·6	35·0
16	35·8	35·8	35·6	35·6	35·2	35·2	35·0	34·8	34·8	34·8	34·8	34·3	35·0	35·0	37·4	37·3	37·0	36·5	39·0	38·5	38·8	38·4	40·4	40·1	42·4	34·3
17	34·2	32·0	34·2	31·6	33·1	31·3	32·6	31·7	32·8	32·0	34·0	33·1	35·7	33·8	36·7	34·8	38·3	35·6	39·0	36·6	40·8	37·8	42·0	38·6	43·8	32·6
18	36·8	34·0	36·1	33·0	35·3	33·0	35·2	35·1	35·5	35·5	36·6	36·1	37·8	37·0	38·3	38·0	39·4	39·4	40·0	40·0	40·3	40·3	41·3	41·3	42·1	35·2
19	37·3	37·3	37·0	36·9	35·3	35·2	36·3	35·8	36·6	36·1	37·9	36·0	38·3	36·6	38·0	36·2	39·4	37·9	40·6	38·3	41·9	39·7	41·3	39·2	47·0	35·3
20	38·0	37·3	37·0	36·0	40·2	33·1	40·0	33·8	35·1	34·0	34·9	34·9	35·2	35·2	37·3	37·0	37·8	37·8	39·0	39·0	40·4	40·4	41·8	41·8	47·1	34·9
21	48·2	48·2	49·2	49·2	48·1	48·1	48·2	48·2	47·3	47·3	48·1	48·1	48·1	48·1	48·0	48·0	47·8	47·8	48·2	48·2	49·0	48·8	49·8	49·3	**51·7**	37·8
22	36·3	36·3	36·8	36·8	36·9	36·9	36·2	36·2	35·2	35·2	36·0	36·0	36·1	36·2	35·9	35·9	36·0	36·0	36·2	36·2	36·2	36·2	36·7	36·7	37·0	35·0
23	35·1	35·1	35·0	35·0	35·3	35·3	36·2	36·2	38·0	38·0	39·2	39·2	40·8	40·8	42·1	42·1	43·0	43·0	43·0	43·0	43·1	43·1	43·0	43·0	43·3	35·0
24	36·0	36·0	35·6	35·6	34·3	34·3	34·1	34·1	34·3	34·3	34·0	34·0	33·0	33·0	33·3	33·3	34·2	34·2	35·6	35·6	35·2	35·2	35·4	35·4	36·0	33·2
25	33·3	33·3	32·8	32·8	33·2	33·2	32·2	32·2	32·9	32·9	33·3	33·3	33·7	33·7	34·6	34·6	34·7	34·7	35·3	35·3	37·2	37·2	37·4	37·4	39·8	32·2
26	37·1	37·1	36·9	36·9	38·0	38·0	39·3	39·3	40·0	40·0	41·1	41·1	42·5	42·5	43·4	43·4	44·5	44·5	45·0	45·0	46·0	46·0	46·5	46·5	46·7	36·9
27	40·0	40·0	38·8	38·8	37·4	37·4	39·0	39·0	40·0	40·0	40·7	40·7	40·0	40·0	39·2	39·2	39·6	39·6	39·8	39·8	40·4	40·4	41·0	41·0	41·0	35·4
28	36·8	36·8	36·0	36·0	35·6	35·6	35·3	35·3	35·2	35·2	34·8	34·8	34·4	34·4	35·0	35·0	33·8	33·8	34·0	34·0	35·2	35·2	35·0	35·0	37·7	33·8
29	35·4	35·4	35·1	35·1	35·6	35·6	34·6	34·6	35·0	35·0	34·4	34·4	34·4	34·4	35·3	35·3	35·5	35·5	36·7	36·7	37·3	37·3	38·0	38·0	42·8	34·4
30	43·3	43·3	44·0	44·0	43·9	43·9	43·3	43·3	43·9	43·9	43·8	43·8	43·4	43·4	42·7	42·7	43·2	43·2	42·1	42·1	41·2	41·2	40·8	40·8	44·0	39·5
31	41·1	41·1	40·4	40·4	39·8	39·8	39·9	39·9	39·9	39·9	40·1	40·1	40·1	40·1	40·8	40·8	41·4	41·4	42·0	42·0	42·0	42·0	41·9	41·9	42·8	38·3
MEAN	36·1	35·9	35·8	35·5	35·8	35·4	35·3	35·0	35·0	34·9	35·4	35·2	35·7	35·5	36·2	36·0	36·8	36·6	37·3	37·1	37·8	37·5	38·4	38·1	40·8	33·6

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	37·5	37·4	38·2	37·6	38·4	37·2	39·2	38·0	39·3	37·8	40·5	38·3	39·6	37·6	39·3	37·7	38·3	37·1	37·8	36·7	37·2	36·2	36·9	35·9	36·9	36·0
2	40·4	39·1	39·4	38·0	41·1	39·0	41·3	38·2	40·8	39·6	39·2	39·2	37·8	37·8	36·0	35·3	36·0	35·3	35·3	35·0	34·8	34·7	35·0	34·5	37·5	36·9
3	38·1	37·4	34·8	34·8	38·1	37·9	37·7	37·5	36·6	36·5	36·5	36·5	35·6	35·6	35·2	35·2	35·3	35·3	34·2	33·6	34·0	33·0	33·3	32·3	35·0	34·8
4	36·2	35·6	37·0	36·2	37·8	36·1	37·9	35·8	37·9	35·4	37·3	35·2	36·5	34·0	36·0	35·2	35·0	34·3	34·2	34·0	33·7	33·7	33·3	33·3	35·5	34·8
5	35·7	35·7	36·3	36·3	35·0	35·0	35·1	35·1	35·2	35·2	35·0	35·0	34·7	34·7	34·3	34·3	33·8	33·8	33·7	33·7	33·6	33·6	33·3	33·3	34·1	34·1
6	34·7	34·7	34·8	34·8	35·0	35·0	34·8	34·8	34·9	34·9	34·7	34·7	32·9	32·9	33·0	33·0	32·3	32·3	31·3	31·3	32·0	32·0	31·1	31·1	33·3	33·3
7	32·1	32·1	32·0	32·0	32·0	32·0	32·0	32·0	32·0	32·0	32·0	32·0	32·0	32·0	32·0	32·0	32·1	32·1	32·2	32·2	32·0	32·0	31·2	31·8	31·5	31·5
8	32·0	32·0	32·2	32·2	32·8	32·8	32·3	32·3	32·6	32·6	32·7	32·7	32·9	32·9	33·0	33·0	32·7	32·7	32·3	32·3	32·0	32·0	31·9	31·9	31·5	31·5
9	33·8	33·8	34·0	34·0	33·8	33·8	33·3	33·2	32·4	32·4	31·7	31·8	32·0	32·0	31·3	32·0	31·3	31·4	31·1	31·1	30·9	30·9	30·3	30·3	31·6	31·6
10	33·9	33·9	33·3	33·3	33·3	33·3	33·3	33·3	34·0	33·9	33·4	33·2	32·6	32·5	32·3	32·3	31·9	31·9	30·8	30·8	31·2	31·8	31·1	31·1	31·6	31·6
11	34·8	33·2	35·8	34·3	36·1	35·0	36·0	35·1	35·0	35·0	34·5	34·5	34·3	34·3	34·0	34·0	32·9	32·9	32·8	32·8	32·2	32·2	32·0	32·0	32·5	32·1
12	35·3	35·1	35·4	35·4	35·2	35·2	34·8	34·8	35·0	35·0	36·0	36·0	35·0	35·0	35·2	35·2	35·8	35·8	35·8	35·8	36·2	36·2	38·0	38·0	33·7	33·5
13	45·7	45·7	46·0	46·1	46·8	46·8	46·9	46·9	46·6	46·6	46·6	46·6	46·5	46·5	46·0	46·0	45·7	45·7	46·2	46·2	46·8	46·8	47·1	47·1	43·5	43·5
14	36·3	36·3	36·8	36·8	37·1	37·1	37·2	37·2	37·6	37·6	37·2	37·2	37·0	37·0	37·0	37·0	36·4	36·4	36·8	36·8	36·3	36·3	36·3	36·3	38·3	38·3
15	37·3	37·3	37·8	37·8	38·0	38·0	38·0	38·0	38·6	38·6	38·0	38·0	37·9	37·9	37·2	37·2	37·2	37·2	37·1	37·1	37·0	37·0	36·0	36·0	36·6	36·6
16	40·6	39·2	40·0	39·0	41·1	40·0	42·4	40·3	41·0	40·0	39·9	37·6	38·2	37·2	37·8	35·9	36·7	35·2	35·4	34·1	35·0	33·7	34·3	33·0	37·5	36·7
17	43·7	39·4	43·0	39·3	43·8	40·0	43·1	39·3	40·9	38·7	40·6	38·6	39·5	38·5	39·3	37·8	38·2	37·1	38·0	36·4	37·1	36·2	36·9	35·0	38·2	36·0
18	41·0	41·0	41·8	41·8	42·0	42·0	42·0	42·0	42·1	42·1	41·7	41·7	40·8	40·8	40·3	40·3	40·0	40·0	39·3	39·3	39·0	39·0	38·0	38·0	39·2	38·8
19	41·3	38·8	43·0	39·7	44·2	41·1	47·0	42·8	46·8	42·9	44·3	43·0	43·4	42·1	41·2	40·9	40·0	39·8	40·2	39·6	40·1	39·7	39·9	39·4	40·5	39·1
20	41·9	41·9	42·5	42·0	41·9	41·9	42·0	42·0	41·1	41·1	41·0	41·0	41·4	41·4	42·9	42·9	43·1	43·1	44·2	44·2	47·1	47·1	47·1	47·1	40·5	39·8
21	51·7	50·1	49·9	49·9	48·8	48·8	47·0	47·0	46·0	46·0	45·0	45·0	44·4	44·4	44·0	44·0	43·6	43·6	42·6	42·6	39·3	39·3	37·8	37·8	46·7	46·6
22	37·0	37·0	36·8	36·8	36·9	36·9	36·4	36·4	36·2	36·2	36·2	36·2	35·9	35·9	35·8	35·8	36·1	36·1	36·1	36·1	35·2	35·2	35·0	35·0	36·2	36·2
23	43·0	43·0	41·0	41·0	40·8	40·8	40·0	40·0	43·3	43·3	43·0	43·0	42·3	42·3	37·8	37·8	37·8	37·8	37·5	37·5	36·4	36·4	37·0	37·0	39·7	39·7
24	34·8	34·8	35·6	35·6	35·6	35·6	35·3	35·3	35·1	35·1	35·0	35·0	35·3	35·3	34·2	34·2	34·3	34·3	34·8	34·8	34·0	34·0	33·2	33·2	34·7	34·7
25	37·0	37·0	38·1	38·1	39·3	39·3	39·2	39·2	39·8	39·8	39·2	39·2	37·5	37·2	37·7	37·4	38·1	38·1	38·1	38·1	38·0	38·0	37·7	37·7	36·3	36·2
26	46·7	46·7	46·6	46·6	46·2	46·2	45·3	45·3	42·2	42·2	41·3	41·3	39·1	39·1	39·2	39·2	39·4	39·4	39·3	39·3	39·7	39·7	39·9	39·9	41·9	41·9
27	39·0	39·0	38·8	38·8	38·6	38·6	38·6	38·6	38·8	38·8	38·8	38·8	38·4	38·4	36·7	36·7	37·2	37·2	35·4	35·4	36·0	36·0	35·8	35·8	38·7	38·7
28	35·3	35·3	36·8	36·8	36·7	36·7	36·8	36·8	37·7	37·7	36·7	36·7	36·5	36·5	36·3	36·3	36·3	36·3	36·1	36·1	36·1	36·1	36·0	36·0	35·8	35·8
29	38·6	38·6	38·5	38·5	38·5	38·5	38·7	38·7	39·1	39·1	39·3	39·3	39·8	39·8	39·7	39·7	40·0	40·0	40·9	40·9	41·8	41·8	42·8	42·8	37·7	37·7
30	41·2	41·2	41·2	41·2	39·5	39·5	40·8	40·8	40·9	40·9	40·2	40·2	40·0	40·0	40·2	40·2	40·2	40·2	41·1	41·1	41·8	41·8	41·8	41·8	41·9	41·9
31	42·7	42·7	42·8	42·8	42·7	42·7	41·7	41·7	41·6	41·6	41·5	41·5	40·8	40·8	40·4	40·4	39·2	39·2	38·3	38·3	39·1	39·1	39·1	39·1	40·8	40·8
MEAN	38·7	38·2	38·7	38·3	38·9	38·5	38·9	38·3	38·7	38·3	38·3	38·0	37·8	37·5	37·3	37·1	37·0	36·8	36·7	36·6	36·6	36·5	36·4	36·2	37·1	36·8

RAINFALL. INCHES FOR HOUR ENDING— JANUARY 1890.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night	Amount.
1	–	–	–	–	–	–	–	·032	·019	·006	·012	·006	·008	–	·002	–	–	–	–	–	–	–	–	–	0·085
2	–	–	–	–	·015	·019	·009	·008	·001	·005	–	·001	–	·001	–	–	–	–	–	–	–	–	–	–	0·059
3	–	–	–	–	–	–	–	–	–	–	–	–	–	·010	·003	·009	·009	·012	·003	·010	·002	·002	·001	·002	0·063
4	·004	·011	·010	·011	·028	·032	·013	·003	·003	–	–	–	·008	–	–	–	–	–	–	–	–	–	–	–	0·123
5	–	–	–	–	[·020]	[·030]	·116	·032	·113	·242	·202	·154	·122	·049	·052	·142	·133	·288	·026	·215	·075	·068	·109	·134	2·322
6	·096	·068	·089	·029	·088	·024	·016	·019	·041	–	·015	–	·029	·162	·140	·104	·028	·014	·009	·008	·003	–	·040	·036	1·058
7	·062	·208	·182	·150	·201	·143	·238	·311	·065	·080	·054	·010	·005	–	–	–	–	–	–	–	·002	–	–	–	1·711
8	·009	·070	·029	·004	·028	·007	·013	·038	–	·024	·012	–	–	·022	·053	·044	·012	·050	·069	·092	·017	·055	·030	·041	0·719
9	·054	·182	·107	·114	·108	·057	·037	·022	·005	–	–	–	·012	·006	·012	–	·011	·004	·011	·014	·033	·095	·263	·200	1·347
10	·214	·227	·268	·203	·214	·129	·100	·106	·044	·032	·010	·008	·010	·004	·007	–	–	–	–	–	–	–	–	–	1·576
11	–	–	–	–	·023	·101	·067	·022	·028	·024	·007	·016	·038	·076	·019	·025	·044	·033	·013	·010	·002	·012	·047	·190	0·797
12	·299	·163	·073	·019	·132	·067	·043	·164	·018	·014	·005	·006	·004	–	–	–	–	–	–	–	–	–	[·030]	·056	1·093
13	·058	·368	·175	·362	·070	·274	·089	·054	·105	·094	·060	·035	·032	·053	–	–	·014	·009	·041	·044	·056	·011	·031	·010	2·045
14	–	–	–	·020	·020	–	–	·010	·010	·029	·027	[·080]	[·200]	[·400]	[·500]	·850	·830	·372	·260	·115	·042	·052	·036	·028	**3·881**
15	·011	·010	·027	·010	·022	·001	–	–	–	·022	·024	–	–	–	–	–	·014	·041	·045	·073	·028	·040	·036	·056	0·460
16	·035	·010	·008	·009	·017	·024	·009	·010	·032	·021	·016	·027	·029	·082	·031	·033	·029	·028	·076	·056	·144	·100	·085	·083	0·994
17	·115	·198	·180	·031	·019	·076	–	–	–	–	–	–	–	–	–	·022	–	–	–	·009	·003	–	–	–	0·653
18	–	–	–	–	–	–	–	–	–	[·020]	[·020]	[·020]	[·020]	[·020]	[·020]	[·020]	[·020]	[·020]	[·020]	[·020]	[·020]	[·020]	[·020]	[·020]	0·300
19	[·020]	[·020]	[·010]	[·020]	[·010]	[·010]	[·010]	[·005]	[·020]	[·100]	[·100]	[·050]	[·010]	–	–	–	–	[·020]	·027	·067	·070	·052	·043	·036	0·700
20	·020	·009	·082	·070	·052	·053	·014	·125	·052	·065	·057	·102	·030	·042	·152	·028	·033	·057	·009	·030	·028	·019	·033	·012	1·174
21	·036	·049	·073	·033	·098	·014	·063	·037	[·030]	[·030]	[·020]	[·010]	[·010]	[·010]	[·010]	[·010]	[·010]	[·010]	[·020]	[·010]	[·010]	[·010]	·004	–	0·607
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·042	·033	·018	·038	·047	·102	·033	·016	–	0·329
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·010	·028	·021	·004	·025	·029	·009	0·126
24	·019	·039	·038	·049	·045	·039	·008	·037	·025	·028	·009	·033	·003	·033	·001	·009	·001	·011	·001	–	–	–	–	[·040]	0·468
25	·168	·352	·272	·182	·108	·015	–	–	·186	·072	·018	[·100]	[·100]	–	–	[·020]	[·030]	[·030]	[·100]	[·120]	·417	·170	·069	·040	2·569
26	–	–	[·020]	[·020]	[·020]	[·020]	[·020]	[·020]	[·020]	[·020]	[·010]	[·010]	–	–	[·010]	·013	·085	·009	·038	·081	·071	·038	·043	·039	0·607
27	·055	[·030]	[·030]	[·030]	[·030]	[·030]	[·030]	[·030]	[·030]	·047	·033	·038	·040	·009	·043	·001	–	–	–	–	–	–	–	–	0·506
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·012	·010	·004	0·026
29	–	–	–	–	–	–	–	–	–	–	–	–	–	·011	·008	·020	·034	·048	·017	·031	·042	·010	·008	·041	0·270
30	·117	·130	·175	·070	·031	·039	·041	·111	·053	·114	·075	·117	·158	·159	·096	·069	·082	·027	·077	·043	·030	·025	·033	·050	1·922
31	·060	·030	·047	·048	·178	·120	·117	·070	·094	·020	·009	·016	·009	·010	·001	·002	–	–	–	–	–	–	–	–	0·831
SUM	1·452	2·174	1·895	1·484	1·577	1·324	1·053	1·266	0·994	1·109	0·795	0·839	0·877	1·159	1·160	1·463	1·452	1·111	0·928	1·116	1·201	0·849	1·016	1·127	29·421

RAINFALL. FEBRUARY 1890.

1	–	·006	·012	·043	·018	·022	·023	·028	·056	·027	·068	·055	·102	·039	·114	·204	·094	–	·016	·004	·041	·102	·121	·058	1·253
2	·058	·021	·006	·008	·003	·013	·027	·026	·024	·043	·026	·023	·077	·028	–	–	–	·017	·050	·057	·100	·039	·022	·041	0·709
3	·080	·068	·109	·070	·175	·132	·047	·065	·065	·087	·017	·063	·010	[·066]	·040	·052	·066	·077	·048	·033	·034	·022	·014	·037	**1·477**
4	·021	·031	·020	·034	·012	·045	·137	·112	·004	·017	–	·002	·003	·004	–	–	–	–	–	–	–	–	–	–	0·442
5	–	–	–	–	–	–	–	–	–	–	–	·002	·007	–	–	–	–	–	–	–	–	–	–	–	0·009
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	[·002]	·001	·001	–	–	–	–	–	0·004
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·002	·001	–	–	·001	·001	·003	·001	–	–	0·009
16	·002	·001	·010	·011	·007	·007	·008	·003	·003	·009	·013	·002	·005	–	·005	–	–	–	–	–	–	–	–	–	0·086
17	–	–	–	–	·003	·005	·003	–	–	–	–	–	–	–	–	–	[·005]	[·005]	[·010]	[·010]	–	–	–	–	0·041
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20	–	–	–	–	–	–	·011	·006	·010	·015	·013	·009	·010	·010	·007	·008	·001	–	–	–	–	–	·002	–	0·102
21	–	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·001
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
23	–	–	–	·001	·002	·018	·015	–	–	–	–	–	–	–	–	·017	–	·056	·003	·020	·001	·001	–	–	0·134
24	·007	·002	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·009
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
26	–	–	–	–	–	–	–	–	–	–	–	·024	·004	·001	–	–	–	–	–	–	–	–	–	–	0·029
27	–	–	–	–	–	–	–	–	·002	·002	·004	·004	·006	·003	–	–	–	·003	·001	–	–	–	–	–	0·025
28	–	–	–	–	–	–	–	·003	–	–	–	·001	·001	–	–	·003	·032	·024	·049	·019	·008	·027	·040	·034	0·241
SUM	0·168	0·130	0·157	0·167	0·220	0·242	0·271	0·243	0·164	0·200	0·141	0·185	0·225	0·151	0·168	0·285	0·200	0·183	0·179	0·144	0·187	0·192	0·199	0·170	4·571

RAINFALL. INCHES FOR HOUR ENDING— MARCH 1890.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.
1	·080	·050	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·130
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3	–	–	–	–	–	–	–	–	–	–	–	–	–	·001	·001	·001	·005	·002	·007	·007	·021	·003	·024	·015	0·087
4	·063	·050	·110	·045	·130	·098	·072	·147	·192	·152	·195	·132	·202	·049	·265	·170	·188	·093	·074	·082	·072	·086	·020	–	2·687
5	–	–	–	–	–	–	–	–	–	–	·053	·051	·108	·104	·110	·165	·239	·151	·124	·115	·138	·115	·070	·076	1·619
6	·030	·010	·013	·054	·059	·154	·037	·048	·012	·005	·018	·007	·003	·002	·033	·016	·007	·026	·074	·202	·084	·125	·083	·043	1·145
7	·032	·052	·030	·085	·094	·041	·013	·069	·050	·071	·075	·054	·049	·160	·198	·310	·212	·155	·044	·035	·004	·001	–	·065	1·899
8	·009	·047	·020	·013	·005	·007	–	–	–	–	·014	·077	·035	·143	·028	–	–	–	–	–	–	–	–	–	0·398
9	–	–	–	–	–	–	–	–	·003	·001	·001	–	–	–	–	–	–	–	·002	·002	[·025]	[·025]	[·025]	[·025]	0·109
10	–	–	·002	·030	·001	–	·003	–	–	–	–	–	·052	·044	·200	·209	·320	·258	·279	·138	·108	·210	·258	·333	2·445
11	·263	·374	·500	·526	·365	·317	·309	·190	·163	·191	·161	·117	·040	·075	·010	[·100]	·152	[·212]	·303	·133	·222	·255	·110	·122	**5·210**
12	·110	·118	·290	·140	·264	·351	·268	·163	·115	·052	·072	·033	·023	·002	·015	·010	·051	·054	·164	·120	·180	·430	·362	·266	3·653
13	·372	·225	·282	·125	·100	·072	·086	·037	·140	·162	·196	·073	·091	·015	·020	·030	·004	·024	·040	·008	–	–	–	–	2·102
14	–	·033	·020	·042	·002	·003	·023	·002	[·010]	–	·004	–	[·010]	[·010]	–	–	–	–	–	–	–	·010	·033	·013	0·215
15	·063	·018	·002	–	–	–	·004	[·030]	[·030]	[·030]	[·030]	[·030]	[·030]	·056	·050	·011	·053	·068	·054	·010	·028	[·030]	[·030]	[·030]	0·687
16	[·050]	[·050]	[·050]	[·050]	[·050]	[·050]	[·050]	[·040]	[·040]	[·030]	[·020]	–	–	–	–	·028	–	·038	·049	·009	·013	·070	·036	·062	0·785
17	·040	·070	·034	·063	·035	·011	·004	·004	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·261
18	–	–	–	–	–	·001	[·020]	·054	[·040]	[·040]	[·040]	[·040]	·043	[·020]	·080	·010	·018	·004	·040	·008	·020	–	–	–	0·478
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20	–	–	–	–	–	–	–	–	–	–	–	–	·039	·030	·033	·018	·024	·019	·008	·010	·004	·002	·018	·008	0·213
21	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·005	·001	·018	·035	·012	·002	–	0·074
22	–	–	–	–	–	·020	·009	[·010]	·004	[·006]	·002	[·004]	·002	[·002]	·001	·006	·038	[·030]	·009	·038	·030	–	·009	·008	0·228
23	·017	·022	·003	·001	–	–	–	–	·002	·001	–	–	·012	–	–	·040	·008	–	–	–	–	–	–	–	0·106
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
26	–	·001	·040	·065	·053	·065	·021	·084	·011	·019	·034	·108	·025	·020	·026	·018	·052	·060	·003	·015	–	–	–	–	0·720
27	·010	·027	·040	·100	·037	·196	·213	·046	·055	·011	·003	·001	·011	·032	·021	·005	·002	·004	·023	·001	–	–	–	–	0·838
28	–	–	–	–	–	–	–	–	·001	·019	·009	·001	·002	–	–	–	–	–	–	–	–	–	–	–	0·032
29	–	–	–	–	–	·004	·034	·009	·010	·017	·077	·026	·072	·082	·020	·010	·015	·011	[·020]	·017	·025	·220	·065	·160	0·894
30	·052	·052	·008	·050	·009	·011	·009	–	–	·035	·033	·015	·017	–	–	–	–	–	–	–	–	–	–	–	0·291
31	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
SUM	1·192	1·199	1·444	1·389	1·204	1·401	1·175	0·933	0·878	0·842	1·037	0·769	0·866	0·847	1·111	1·157	1·388	1·214	1·318	0·968	1·009	1·594	1·145	1·226	27·306

RAINFALL. APRIL 1890.

1	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–	–	–	–	–	–		–	–	–
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
5	·013	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	0·013
6	·012	·057	·028	·017	·002	–	–	–	–	–	–	·015	·035	·042	·013	·039	·024	·102	·044	·055	·051	·039	·056	·173	0·804
7	·047	·042	·068	·070	·034	·085	·062	·045	·010	–	–	·003	·004	·001	·001	–	–	·025	·001	·023	–	·026	·008	·006	0·561
8	·004	·005	·003	·007	·001	·003	·006	·001	–	·042	·053	·022	·077	·002	·001	·002	·016	·003	·001	–	–	–	–	–	0·249
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·010	·006	·008	0·024
10	·015	·007	·001	·001	–	·001	·003	·001	·002	–	–	–	–	·035	·001	·028	·001	–	–	–	–	–	–	–	0·096
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
14	–	–	–	–	–	–	–	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·001
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
16	–	–	–	–	–	–	–	–	·052	·028	·016	–	·025	–	–	–	–	–	–	–	–	–	–		0·121
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·002	·028	·024	·002	0·056
21	–	–	–	–	–	–	–	[·100]	[·100]	[·100]	[·100]	[·100]	·009	–	·004	–	–	–	–	·003	–	–	–	–	0·516
22	·034	·008	·017	·028	·082	·621	·447	·139	·023	·022	·025	·067	·105	·102	·088	·078	·109	·201	·130	·040	·075	·035	·028	·026	**2·530**
23	[·080]	·140	·033	·140	·112	·201	·086	·142	·104	·130	·050	·173	·141	·015	·035	·018	·023	·055	·032	·017	·002	·093	·001	·094	1·917
24	·040	·002	·001	·006	·002	·002	–	–	·136	·017	·028	·058	·014	·054	·015	·008	·003	·012	·024	·007	·014	·020	·008	·055	0·526
25	·052	·002	·002	·022	·011	·008	·008	·001	–	–	–	–	–	·017	·020	·013	·004	·002	·001	·001	·005	·001	·002	·001	0·173
26	–	·001	·080	·007	·084	·002	·027	·008	–	–	–	·023	·046	·050	·024	·003	·033	·002	·015	·016	·006	–	·001	·002	0·430
27	·003	·004	·001	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·009
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
30	·006	·026	·015	–	–	–	–	·013	·005	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·066
SUM	0·306	0·294	0·249	0·299	0·328	0·923	0·639	0·451	0·432	0·340	0·272	0·461	0·456	0·318	0·202	0·189	0·213	0·402	0·248	0·162	0·155	0·252	0·134	0·367	8·092

RAINFALL. INCHES FOR HOUR ENDING— MAY 1890.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·046	·017	·015	·025	·007	·006	·020	·002	0·138
3	–	–	–	–	–	–	–	–	·013	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·013
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
5	–	–	–	–	–	–	–	–	–	–	–	–	·046	–	·045	·003	–	·018	·011	·008	–	–	–	–	0·131
6	–	–	–	·025	·001	·003	–	·001	–	–	–	–	·003	–	–	–	–	–	–	–	–	–	–	–	0·033
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·008	–	·019	·005	–	–	–	–	–	0·032
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
10	–	–	·009	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·014	·008	0·031
11	·011	·010	·005	·003	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·004	·013	·007	·001	·002	0·056
12	·015	·028	·024	·004	·059	·050	·028	·012	·004	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·021	0·245
13	·027	·020	·010	·002	·003	·001	·009	–	–	–	·002	–	–	–	–	–	–	–	–	–	–	·001	·058	·018	0·151
14	·001	·066	·152	·023	·007	·018	·069	·090	·095	·230	·076	·193	·012	·002	·005	–	·001	–	·020	–	·003	·005	·002	·013	1·083
15	·002	·001	·006	·013	·009	·017	·010	·003	·023	·019	·023	·096	·018	·004	–	–	–	–	–	–	–	–	–	·001	0·250
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·004	·010	·016	·020	·011	·010	·010	·010	0·091
17	·003	·020	·028	·027	·021	·058	·086	·094	·002	·006	·014	·072	·004	·003	·001	–	–	–	–	·010	·060	–	–	–	0·509
18	–	–	–	–	·001	·003	·014	–	–	–	–	–	–	–	·013	·006	·050	·001	·001	·030	·035	·001	·004	·008	0·167
19	·015	·023	·003	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·041
20	–	–	–	–	–	–	–	–	–	–	–	·076	·002	·016	·009	·003	·007	·005	–	–	–	–	–	–	0·118
21	–	–	–	–	–	–	·050	·010	·012	·001	–	·011	·012	–	–	–	–	–	·019	·007	·001	·008	·004	·003	0·138
22	·003	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·003
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·020	–	0·020
29	·025	·015	·048	·028	·121	·149	·158	·184	·136	·090	·185	·190	·185	·215	·180	·221	·156	·103	·020	·033	·002	·002	·017	·032	2·495
30	–	·010	–	·030	·002	·023	–	–	·015	·038	·018	·048	·003	–	–	–	–	–	–	–	·033	–	–	–	0·220
31	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·041	·001	·004	·002	·001	–	–	–	–	0·049
SUM	0·102	0·193	0·285	0·155	0·224	0·322	0·424	0·394	0·300	0·384	0·323	0·686	0·285	0·240	0·253	0·282	0·265	0·177	0·109	0·138	0·165	0·040	0·150	0·118	6·014

RAINFALL. JUNE 1890.

1	·012	–	·007	·023	·031	·054	·139	·060	·159	·020	·004	·012	·090	·036	·005	·002	·002	–	·069	–	–	–	·002	·003	0·730
2	·001	–	·002	–	–	–	–	–	–	–	–	·029	·098	·138	·154	·174	·190	·321	·146	·135	·180	·180	·090	·105	1·943
3	·064	·072	·035	·015	·018	·005	·078	·046	·050	·110	·110	·078	·143	·191	·125	·050	·038	·067	·045	·064	·037	·130	·120	·113	1·804
4	·014	·020	·010	·020	·029	·019	·032	·030	·003	·008	·010	·008	·008	·001	·001	–	·007	·010	·026	·020	·018	·073	·070	·014	0·451
5	·010	·002	·008	·040	·041	·032	·072	·129	·029	·018	·004	·012	·014	·020	·008	·006	–	–	–	–	–	·007	·013	·062	0·527
6	·043	·090	·116	[·100]	·057	[·024]	·035	·040	·055	·012	·011	–	–	–	–	–	·002	–	–	–	–	–	–	·035	0·620
7	·022	–	·001	–	·014	·002	·009	–	–	·043	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	0·092
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·002	·002	·016	·008	·006	·020	·006	·043	·008	0·111
9	[·020]	·018	[·017]	·098	·130	·065	·030	·017	·004	·002	–	·080	·049	[·020]	·018	–	–	–	–	–	–	–	–	–	0·568
10	–	–	–	–	–	–	–	–	–	–	–	–	–	·022	·003	–	–	–	–	–	–	–	–	–	0·025
11	–	·027	·006	·007	·006	·003	–	·005	·023	·021	·018	·016	·029	·040	·025	·107	·003	–	–	–	–	–	–	–	0·336
12	–	–	–	·033	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·033
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
15	–	–	–	–	–	–	–	·004	·012	·019	·003	·004	·011	·008	·050	·050	·023	·006	·014	·020	·023	·040	·025	·025	0·337
16	·003	·130	·043	·022	·050	·102	·079	·045	·009	·003	·003	·004	·003	·015	·002	·003	·003	·031	·006	·007	·028	·010	·008	·083	0·692
17	·020	·115	·044	·050	·015	·017	·006	·020	·084	·049	·146	·093	·040	·030	·030	·032	·048	·017	·003	·020	·013	·048	·003	·001	0·944
18	·002	–	–	–	–	–	–	–	–	–	–	–	·045	·065	·065	·131	·129	·133	·043	·013	·008	·018	·065	·030	0·747
19	·038	·080	·050	·103	·013	·009	·026	·030	·002	–	–	–	–	–	–	–	·014	–	·008	·008	·070	·028	·023	·020	0·522
20	·022	·018	·030	·021	·011	·001	·008	·007	·012	·033	·011	·082	·018	·003	·010	–	·047	·013	·008	·010	·003	·038	–	·001	0·407
21	·002	·006	·080	·001	·028	·018	·057	·029	·018	–	·006	–	–	·022	·012	·001	–	–	·005	·010	·035	·005	·010	·023	0·368
22	·018	·020	·028	·042	·022	·018	·005	–	–	–	·012	·001	·012	–	–	–	–	–	–	–	–	–	–	–	0·178
23	–	·008	·008	·010	·021	·016	·014	·012	·002	·003	·006	·055	·110	·040	·070	·104	·065	·012	·017	·007	·006	·002	·011	·020	0·619
24	·012	–	·003	·001	–	–	–	–	–	–	–	–	–	–	–	–	·002	·005	·033	·042	·110	·080	·120	·342	0·750
25	·359	·187	·180	·088	·079	·123	·068	·013	·002	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1·099
26	–	–	–	–	–	–	–	–	–	–	–	–	–	·021	·025	–	·044	·016	–	–	–	–	·008	·024	0·138
27	·002	·078	·011	·008	·023	–	–	–	–	–	·008	–	·012	·105	·001	·010	·035	·030	·125	·001	·002	·010	·020	–	0·481
28	–	·010	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·010
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
30	–	–	·011	·002	·015	·010	·008	·009	·006	·001	–	–	–	·011	·010	·017	·023	·002	–	·001	–	–	–	–	0·126
SUM	0·664	0·881	0·690	0·684	0·603	0·518	0·666	0·496	0·470	0·342	0·353	0·474	0·682	0·788	0·614	0·689	0·677	0·679	0·556	0·364	0·553	0·675	0·631	0·909	14·658

RAINFALL. INCHES FOR HOUR ENDING— JULY 1890.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·009	·012	·015	·018	–	–	–	0·054
3	–	–	–	–	–	–	–	–	–	·008	–	·001	–	·183	·038	–	·010	·006	–	–	–	–	–	–	0·256
4	–	–	–	–	·010	·012	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·022
5	–	–	–	–	–	–	–	–	–	·025	·001	·008	·105	·022	·080	·088	·088	·031	·024	[·020]	·037	[·032]	·023	·017	0·601
6	·003	–	·010	–	·007	–	–	·014	·002	·006	·008	·002	–	–	–	–	·032	–	–	–	–	–	–	–	0·084
7	–	·020	–	·003	–	–	–	–	·015	–	·095	·064	·060	·140	·050	·009	·006	·007	·042	·032	·024	·070	·105	·110	0·852
8	·105	·087	·066	·100	·009	·005	–	–	–	–	–	–	–	–	–	·065	·007	·019	·015	·080	·003	·010	–	–	0·571
9	·010	–	–	–	–	–	·008	–	–	–	–	·001	–	–	–	–	–	–	–	–	–	–	–	–	0·019
10	–	–	–	–	·009	·015	·004	–	–	–	·032	·009	·001	·010	·010	–	–	–	–	–	–	·010	–	–	0·100
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·011	·013	–	–	–	–	–	–	0·024
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·008	·001	·010	·011	·008	·002	·010	·020	·011	·010	0·091
13	·030	·050	·123	·035	·033	·056	·103	·036	·059	·041	·039	·101	·146	·125	·115	·094	·193	·042	·136	·186	·197	·057	·160	·180	**2·337**
14	·115	·120	·111	·180	·118	·099	·047	·042	·010	·024	·013	·016	·071	·140	·011	–	·006	·038	·001	·008	–	–	·006	·008	1·184
15	–	–	–	·090	·027	·019	·055	·025	·010	·006	·035	–	–	·080	·073	·010	·003	·011	·003	·001	–	–	–	–	0·448
16	–	–	–	–	–	–	–	–	–	–	·017	–	–	–	–	–	–	–	–	–	–	–	–	–	0·017
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18	–	·020	·036	·050	·006	·001	–	·004	–	–	·022	·029	·028	·028	·010	–	–	–	–	·007	·008	–	–	–	0·249
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·120	·050	·143	·145	·016	·020	·008	0·502
21	–	–	·030	·007	·020	·021	·011	–	–	–	–	–	–	–	–	·011	·022	·045	·036	·095	·070	·035	·008	·001	0·412
22	·001	–	–	·001	–	–	–	–	–	·001	–	–	–	–	–	–	–	–	–	·003	–	–	–	–	0·006
23	–	–	–	·001	·043	·051	·056	·081	·158	·021	·278	·154	·094	·002	·004	·126	·013	·005	·003	·008	·060	·055	·020	·040	1·273
24	·055	·050	·010	·010	·028	·022	–	–	–	·054	·031	·005	·002	·011	·002	–	–	·010	·010	·001	–	·015	–	–	0·316
25	–	·001	–	–	–	·004	·004	·005	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·014
26	–	–	–	–	–	·010	·045	–	·010	·022	·024	·036	·030	·020	·050	·115	·009	–	·002	·001	–	–	·001	·009	0·384
27	·009	·023	–	·030	·050	·201	·098	·043	·018	·039	·049	·117	·098	–	–	–	–	–	–	–	–	–	–	–	0·775
28	–	–	–	·030	·075	·009	·075	–	·117	·071	·004	·031	·136	·032	·119	·076	·100	·009	·021	·016	·020	·008	·094	·024	1·067
29	·032	–	·013	·028	·001	·001	·001	·031	·010	·038	·052	·035	·024	·030	·020	·017	·005	·020	·050	·037	·016	·030	·048	·030	0·569
30	·037	·055	·039	·042	·110	·091	·036	·025	·027	·022	·001	–	–	·011	–	·012	·008	·065	·010	·002	·013	·001	·037	·027	0·671
31	–	–	·035	·027	–	·033	·015	·015	·029	·070	·027	·011	·023	·004	·004	–	–	–	–	–	–	–	·020	·009	0·322
SUM	0·397	0·426	0·473	0·634	0·546	0·650	0·558	0·321	0·465	0·448	0·728	0·630	0·818	0·838	0·594	0·624	0·523	0·461	0·423	0·657	0·621	0·359	0·553	0·473	13·220

SUNSHINE. HOURLY VALUES—HOURS AND TENTHS—FOR HOUR, GREENWICH MEAN TIME, ENDING— JANUARY 1890.

	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	Amount.	Total Possible.	
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·80	1
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·83	2
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·86	3
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·89	4
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·92	5
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·95	6
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·99	7
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·03	8
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·07	9
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·11	10
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·15	11
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·20	12
13	–	–	–	–	–	–	–	–	–	·02	–	–	–	–	–	–	–	–	0·02	7·25	13
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·30	14
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·35	15
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·41	16
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·46	17
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·52	18
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·57	19
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·63	20
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·69	21
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·75	22
23	–	–	–	–	–	–	·80	1·00	1·00	1·00	·07	–	–	–	–	–	–	–	3·87	7·82	23
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·88	24
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·94	25
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·01	26
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·07	27
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·14	28
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·21	29
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·28	30
31	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·35	31
SUM.	–	–	–	–	–	–	0·80	1·00	1·00	1·02	0·07	–	–	–	–	–	–	–	3·89	231·43	SUM.

SUNSHINE. FEBRUARY 1890.

1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·42	1
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·49	2
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·56	3
4	–	–	–	–	–	–	–	·05	·05	–	·15	·05	·17	–	–	–	–	–	0·47	8·63	4
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·70	5
6	–	–	–	–	–	·03	·78	·75	·47	·25	–	–	·77	·55	–	–	–	–	3·60	8·78	6
7	–	–	–	–	–	·72	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·75	–	–	–	–	8·47	8·85	7
8	–	–	–	–	–	·79	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·78	–	–	–	–	8·57	8·92	8
9	–	–	–	–	–	·47	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·73	–	–	–	–	8·20	9·00	9
10	–	–	–	–	–	–	–	–	·25	·28	–	–	·53	·47	–	–	–	–	1·53	9·08	10
11	–	–	–	–	–	·83	1·00	1·00	1·00	1·00	1·00	·78	·92	·30	–	–	–	–	7·83	9·16	11
12	–	–	–	–	–	·50	·95	·83	1·00	1·00	·78	·07	–	–	–	–	–	–	5·13	9·23	12
13	–	–	–	–	–	–	–	–	·07	–	–	·63	–	–	–	–	–	–	0·70	9·31	13
14	–	–	–	–	–	–	–	–	–	–	–	·05	·03	–	–	–	–	–	0·08	9·39	14
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·47	15
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·55	16
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·63	17
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·70	18
19	–	–	–	–	–	–	–		–	–	–	–	–	–	–	–	–	–	–	9·78	19
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·86	20
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·94	21
22	–	–	–	–	–	–	·34	–	–	·05	·97	1·00	·57	–	–	–	–	–	2·93	10·02	22
23	–	–	–	–	–	–	–	–	–	–	·05	–	–	–	–	–	–	–	0·05	10·10	23
24	–	–	–	–	·33	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·27	–	–	–	9·60	10·18	24
25	–	–	–	–	·50	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·43	–	–	–	9·93	10·26	25
26	–	–	–	–	–	–	–	–	–	·08	·22	·03	–	–	–	–	–	–	0·33	10·34	26
27	–	–	–	–	–	–	–	–	–	–	–	–	·08	·02	–	–	–	–	0·10	10·42	27
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·50	28
SUM.	–	–	–	–	0·83	5·34	8·07	7·63	7·84	7·66	8·17	7·61	8·07	5·60	0·70	–	–	–	67·52	264·27	SUM.

SUNSHINE. HOURLY VALUES—HOURS AND TENTHS—FOR HOUR, GREENWICH MEAN TIME, ENDING— MARCH 1890.

	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	Amount.	Total Possible.	
1	–	–	–	–	·45	·83	·87	1·00	·90	1·00	1·00	1·00	1·00	·67	–	–	–	–	8·72	10·58	1
2	–	–	–	–	·50	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·22	–	–	–	9·72	10·66	2
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·74	3
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·82	4
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·90	5
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·99	6
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·07	7
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·15	8
9	–	–	–	–	–	–	–	–	1·00	·12	·46	–	–	–	–	–	–	–	1·58	11·23	9
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·31	10
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·39	11
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·47	12
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·55	13
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·63	14
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·71	15
16	–	–	–	–	–	–	–	–	–	–	–	·08	–	–	–	–	–	–	0·08	11·79	16
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·87	17
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·95	18
19	–	–	–	–	–	·02	·87	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·83	–	–	–	8·72	12·03	19
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·11	20
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·19	21
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·27	22
23	–	–	–	–	·33	·02	–	–	–	·02	–	–	–	–	–	–	–	–	0·37	12·35	23
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·43	24
25	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–	12·51	25
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·59	26
27	–	–	–	–	–	–	–	·10	–	–	–	–	–	–	–	–	–	–	0·10	12·67	27
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·75	28
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·83	29
30	–	–	–	–	–	–	–	–	–	–	–	·58	–	·08	·12	–	–	–	0·78	12·91	30
31	–	–	–	·25	1·00	1·00	·50	–	·66	·25	·67	·55	·42	·25	–	–	–	–	5·55	12·99	31
SUM.	–	–	–	0·25	2·28	2·87	3·24	3·10	4·56	3·39	4·13	4·21	3·42	3·00	1·17	–	–	–	35·62	365·44	SUM.

SUNSHINE. APRIL 1890.

1	–	–	–	–	–	–	–	·83	·17	·42	–	–	–	–	–	–	–	–	1·42	13·07	1
2	–	–	–	–	·70	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	–	–	–	10·70	13·15	2
3	–	–	–	·25	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·25	–	–	11·50	13·23	3
4	–	–	–	–	·100	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·47	–	–	–	–	–	8·47	13·31	4
5	–	–	–	–	·17	·43	·67	·78	1·00	1·00	1·00	1·00	1·00	·50	–	–	–	–	7·55	13·39	5
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·47	6
7	–	–	–	–	–	–	–	–	–	–	–	·05	·27	–	–	–	–	–	0·32	13·55	7
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·63	8
9	–	–	–	–	–	–	–	·50	·93	·20	–	–	–	–	–	–	–	–	1·63	13·71	9
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·53	–	–	0·53	13·79	10
11	–	–	–	–	·22	–	·58	·75	–	·22	·06	·50	·80	·42	·05	–	–	–	3·60	13·87	11
12	–	–	–	–	–	–	·02	·26	–	–	·33	·42	–	·08	–	·47	–	–	1·58	13·95	12
13	–	–	–	1·00	1·00	·83	1·00	·50	·67	·66	·42	·27	·25	–	–	–	–	–	6·60	14·03	13
14	–	–	–	–	–	–	–	–	–	–	·10	·92	·75	·20	–	–	–	–	1·97	14·10	14
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·18	15
16	–	–	–	–	–	–	–	–	–	·12	–	–	–	–	–	–	–	–	0·12	14·26	16
17	–	–	–	–	–	–	–	–	–	–	·05	–	–	–	–	–	–	–	0·05	14·34	17
18	–	–	–	–	–	–	–	–	–	–	·63	·10	–	–	–	–	–	–	0·73	14·42	18
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·50	19
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·57	20
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·65	21
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·73	22
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·80	23
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·88	24
25	–	–	–	–	–	–	–	–	·42	–	·01	–	–	–	–	–	–	–	0·43	14·96	25
26	–	–	–	–	–	–	·08	–	–	–	–	·05	·25	–	–	–	–	–	0·38	15·03	26
27	–	–	–	–	–	–	·17	–	·25	·62	·50	·50	1·00	·42	·66	·72	·16	–	5·00	15·11	27
28	–	–	–	1·00	·93	·28	·52	·92	1·00	1·00	1·00	1·00	·63	·83	·72	·83	·22	–	10·88	15·18	28
29	–	–	·25	1·00	1·00	·34	·08	·28	·50	·30	·17	·37	·33	·05	–	–	–	–	4·67	15·26	29
30	–	–	–	–	–	–	–	–	–	–	–	–	·12	–	–	·10	–	–	0·22	15·33	30
SUM.	–	–	0·25	3·25	6·02	4·88	6·12	7·82	7·94	7·54	7·27	8·18	7·87	4·50	3·43	2·90	0·38	–	78·35	426·45	Sum.

SUNSHINE. HOURLY VALUES—HOURS AND TENTHS—FOR HOUR, GREENWICH MEAN TIME, ENDING— MAY 1890.

	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	Amount.	Total Possible.	
1	–	–	–	–	–	·42	·67	·83	1·00	1·00	1·00	1·00	1·00	1·00	·97	1·00	·08	–	9·97	15·40	1
2	–	–	·08	1·00	1·00	1·00	1·00	1·00	·84	1·00	1·00	·13	–	–	–	–	–	–	8·05	15·48	2
3	–	–	–	–	–	–	–	–	–	–	·03	·20	·58	·14	·02	–	–	–	0·97	15·55	3
4	–	–	–	·90	1·00	·64	·58	·90	·50	·15	·90	·93	1·00	·80	·83	·62	·50	–	10·25	15·62	4
5	–	–	–	1·00	·58	·47	1·00	1·00	·92	·50	·97	·07	·08	·45	·45	·43	–	–	7·92	15·70	5
6	–	–	–	–	–	–	–	–	·02	–	–	–	–	–	–	–	–	–	0·02	15·77	6
7	–	–	–	–	–	–	·02	–	–	–	·33	·92	·87	·83	·50	–	–	–	3·47	15·84	7
8	–	–	–	–	–	–	·10	·75	·08	·09	–	–	–	–	–	·20	–	–	1·22	15·91	8
9	–	–	·50	1·00	·50	·83	·42	·17	–	–	–	–	–	–	–	–	–	–	3·42	15·98	9
10	–	–	–	–	–	–	–	·03	–	–	–	–	–	–	–	–	–	–	0·03	16·04	10
11	–	–	–	–	–	–	–	–	–	·02	·80	·50	·13	–	–	–	–	–	1·45	16·11	11
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·18	12
13	–	–	–	–	–	–	–	–	·12	·23	·95	·42	·15	·26	–	–	–	–	2·13	16·24	13
14	–	–	–	–	–	–	–	–	–	–	–	·02	·05	–	–	–	–	–	0·07	16·31	14
15	–	–	–	–	–	–	–	–	–	–	–	·25	·12	–	·42	·13	–	–	0·92	16·37	15
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·44	16
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·15	–	–	0·15	16·50	17
18	–	–	–	–	–	–	–	·02	–	–	–	–	–	–	–	–	–	–	0·02	16·56	18
19	–	–	–	–	–	–	–	·07	·17	·50	·30	·83	·90	·42	·03	–	–	–	3·22	16·62	19
20	–	–	–	·25	·97	·50	·50	·66	–	–	–	–	–	–	–	–	–	–	2·88	16·68	20
21	–	–	–	–	–	–	–	–	–	–	–	–	–	·07	·03	–	–	–	0·10	16·74	21
22	–	–	–	–	–	–	–	–	–	–	–	–	·03	–	–	–	–	–	0·03	16·80	22
23	–	–	–	·97	1·00	·66	·25	·75	·78	·92	·42	·58	·97	1·00	·67	·58	·27	–	9·82	16·85	23
24	–	–	–	·83	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·27	14·10	16·91	24
25	–	·67	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·83	·67	·13	·75	1·00	1·00	·30	14·35	16·96	25
26	–	–	–	·33	·33	–	·02	·05	·25	·12	–	–	·92	·98	·92	·98	·93	·22	6·05	17·02	26
27	–	·75	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·93	·97	1·00	1·00	1·00	1·00	1·00	1·00	·17	15·82	17·07	27
28	–	·27	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·26	–	–	–	–	–	–	–	8·53	17·12	28
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·16	29
30	–	–	–	–	–	–	–	·34	–	·03	·07	·08	·03	·02	–	–	–	–	0·57	17·21	30
31	–	–	–	–	–	–	–	–	–	·17	·33	–	–	–	–	–	–	–	0·50	17·26	31
SUM.	–	1·69	3·58	9·28	9·38	8·52	8·56	10·57	8·68	8·66	10·33	8·76	9·50	8·10	7·59	7·09	4·78	0·96	126·03	508·40	SUM.

SUNSHINE. JUNE 1890.

1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·30	1
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·34	2
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·38	3
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·42	4
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·04	·42	·12	–	0·58	17·46	5
6	–	–	–	–	–	–	–	–	–	–	·20	–	–	–	–	–	–	–	0·20	17·49	6
7	–	–	–	–	–	·02	–	·02	·28	·58	·02	–	·42	·33	–	–	–	–	1·67	17·52	7
8	–	1·00	1·00	1·00	·83	·58	·92	1·00	·62	·50	–	–	–	–	–	–	–	–	7·45	17·55	8
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·58	9
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·61	10
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·64	11
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·66	12
13	–	–	–	–	·22	·02	·55	1·00	·03	·05	–	·02	–	–	–	·02	·16	·03	2·10	17·68	13
14	–	–	–	–	–	–	–	–	·33	–	–	–	·05	·08	·13	·05	·34	·02	1·00	17·70	14
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·71	15
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·72	16
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	17·73	17
18	–	–	–	–	–	–	·02	–	–	–	–	–	–	–	–	–	–	–	0·03	17·74	18
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·74	19
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·75	20
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·75	21
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·33	·47	0·80	17·75	22
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·75	23
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·74	24
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·74	25
26	–	–	–	–	–	–	·08	·02	–	–	–	–	–	–	–	–	–	–	0·10	17·73	26
27	–	–	–	·02	–	·16	·50	–	·07	·13	–	–	–	–	–	–	–	–	0·88	17·72	27
28	–	·08	·67	·42	·58	–	–	·55	·04	–	·33	–	·75	–	–	·08	·92	·05	4·47	17·71	28
29	–	–	·50	·83	·50	·17	·58	1·00	·75	·33	·07	·07	–	–	–	–	–	–	4·80	17·69	29
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·67	30
SUM.	–	1·08	2·17	2·27	2·13	0·95	2·66	3·59	2·12	1·59	0·62	0·09	1·22	0·41	0·17	0·57	1·87	0·57	24·08	528·97	SUM.

SUNSHINE. HOURLY VALUES—HOURS AND TENTHS—FOR HOUR, GREENWICH MEAN TIME, ENDING— JULY 1890.

	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	Amount.	Total Possible.	
1	–	–	–	–	–	·05	–	–	·02	·22	·22	·96	·80	·46	·75	·05	–	–	3·53	17·65	1
2	–	–	–	–	–	–	–	–	·28	·37	·05	·28	·34	·58	–	–	–	–	1·90	17·63	2
3	–	–	–	·07	–	–	–	·12	–	–	·08	·38	–	–	–	–	–	–	0·65	17·60	3
4	–	–	–	–	–	–	–	·08	·07	–	–	–	·18	·67	·46	·55	·07	–	2·08	17·57	4
5	–	–	·27	1·00	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1·27	17·54	5
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·51	6
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·48	7
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·44	8
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·40	9
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·36	10
11	–	–	–	·35	·08	·95	·34	–	–	·10	·05	·25	–	–	–	–	–	–	2·12	17·32	11
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·28	12
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·24	13
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·19	14
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·14	15
16	–	–	–	–	·58	·35	·75	·38	·83	·84	·33	·28	·50	·12	·50	·25	·84	·50	7·05	17·09	16
17	–	·05	·62	1·00	1·00	1·00	1·00	·97	1·00	·83	·10	·55	·50	–	–	–	–	–	8·62	17·04	17
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·99	18
19	–	·42	1·00	1·00	1·00	1·00	1·00	1·00	·38	·42	·90	·83	1·00	·83	·17	–	–	–	10·95	16·94	19
20	–	–	–	–	–	–	–	–	–	·07	·23	·03	–	–	–	–	–	–	0·33	16·89	20
21	–	–	–	–	–	·07	·12	·03	·36	1·00	·67	–	–	–	–	–	–	–	2·25	16·83	21
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·77	22
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·72	23
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·66	24
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·03	1·00	·50	–	1·53	16·60	25
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·54	26
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·48	27
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·41	28
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·35	29
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·28	30
31	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·22	31
SUM.	–	0·47	1·89	3·42	2·66	3·42	3·21	2·58	2·94	3·85	2·63	3·56	3·32	2·66	1·91	1·85	1·41	0·50	42·28	528·16	SUM.

BAROMETER. Reduced to 32°. 4407 feet above Sea Level. First figure omitted. AUGUST 1890.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	5·298	5·295	5·291	5·295	5·288	5·303	5·313	5·322	5·334	5·334	5·352	5·350	5·356	5·350	5·362	5·367	5·363	5·375	5·381	5·380	5·396	5·401	5·404	5·409	5·347
2	5·410	5·409	5·412	5·414	5·424	5·427	5·449	5·459	5·470	5·488	5·506	5·512	5·517	5·530	5·535	5·548	5·554	5·562	5·565	5·572	5·579	5·581	5·578	5·577	5·503
3	5·571	5·567	5·561	5·560	5·552	5·555	5·553	5·541	5·536	5·544	5·541	5·543	5·550	5·555	5·546	5·533	5·521	5·527	5·534	5·540	5·543	5·540	5·543	5·548	5·546
4	5·542	5·540	5·538	5·530	5·538	5·535	5·535	5·537	5·533	5·536	5·534	5·535	5·542	5·537	5·539	5·546	5·543	5·541	5·556	5·573	5·581	5·586	5·591	5·594	5·548
5	5·596	5·595	5·595	5·591	5·586	5·573	5·581	5·578	5·563	5·570	5·566	5·555	5·548	5·544	5·530	5·510	5·496	5·494	5·494	5·515	5·524	5·537	5·538	5·540	5·551
6	5·539	5·547	5·545	5·541	5·543	5·549	5·559	5·581	5·586	5·595	5·600	5·604	5·622	5·629	5·634	5·635	5·638	5·635	5·638	5·646	5·652	5·657	5·659	5·659	5·608
7	5·660	5·659	5·654	5·656	5·655	5·660	5·662	5·666	5·676	5·680	5·680	5·688	5·691	5·694	5·699	5·710	5·707	5·704	5·706	5·713	5·718	5·719	5·720	5·720	5·687
8	5·711	5·708	5·705	5·703	5·703	5·706	5·702	5·708	5·711	5·716	5·708	5·712	5·708	**5·724**	5·722	5·722	5·717	5·715	5·708	5·715	5·721	5·721	5·720	5·715	5·713
9	5·715	5·716	5·710	5·703	5·701	5·698	5·700	5·702	5·699	5·706	5·696	5·696	5·689	5·679	5·670	5·660	5·653	5·642	5·627	5·623	5·620	5·608	5·594	5·580	5·670
10	5·576	5·572	5·549	5·537	5·524	5·517	5·518	5·503	5·492	5·467	5·475	5·476	5·453	5·459	5·440	5·425	5·423	5·405	5·391	5·371	5·368	5·362	5·358	5·361	5·459
11	5·355	5·334	5·326	5·330	5·312	5·313	5·313	5·319	5·326	5·333	5·337	5·345	5·347	5·351	5·354	5·352	5·355	5·353	5·362	5·361	5·360	5·357	5·357	5·352	5·342
12	5·353	5·343	5·334	5·319	5·308	5·307	5·299	5·296	5·302	5·291	5·288	5·286	5·289	5·290	5·283	5·278	5·279	5·279	5·280	5·293	5·301	5·310	5·316	5·316	5·302
13	5·314	5·312	5·316	5·317	5·309	5·301	5·309	5·313	5·319	5·319	5·326	5·321	5·315	5·311	5·306	5·296	5·280	5·278	5·262	5·259	5·255	5·242	5·230	5·224	5·293
14	5·210	5·197	5·179	5·167	5·146	5·144	5·146	5·135	5·139	5·135	5·134	5·129	5·127	5·124	5·112	5·101	5·078	5·058	5·040	5·030	5·014	5·000	4·965	4·940	5·102
15	4·907	4·870	4·830	4·787	4·742	4·703	4·692	4·662	**4·648**	**4·648**	4·652	4·668	4·686	4·700	4·718	4·746	4·768	4·787	4·807	4·820	4·840	4·853	4·870	4·879	4·762
16	4·885	4·890	4·890	4·897	4·897	4·908	4·917	5·935	4·943	4·958	4·966	4·975	4·977	4·989	5·002	5·015	5·019	5·029	5·054	5·055	5·057	5·064	5·067	5·057	4·977
17	5·054	5·050	5·045	5·042	5·053	5·067	5·081	5·104	5·122	5·143	5·148	5·170	5·186	5·193	5·203	5·204	5·214	5·225	5·242	5·255	5·267	5·275	5·283	5·288	5·163
18	5·288	5·287	5·291	5·291	5·294	5·294	5·302	5·304	5·318	5·334	5·338	5·353	5·360	5·364	5·369	5·370	5·378	5·376	5·388	5·396	5·404	5·404	5·410	5·409	5·347
19	5·405	5·394	5·390	5·383	5·374	5·382	5·387	5·390	5·394	5·400	5·401	5·385	5·387	5·384	5·377	5·378	5·351	5·354	5·363	5·350	5·342	5·335	5·321	5·305	5·372
20	5·303	5·287	5·275	5·268	5·265	5·257	5·253	5·260	5·268	5·269	5·269	5·284	5·281	5·289	5·292	5·300	5·299	5·305	5·312	5·318	5·321	5·322	5·322	5·324	5·239
21	5·315	5·307	5·296	5·285	5·265	5·254	5·243	5·237	5·235	5·223	5·213	5·190	5·197	5·175	5·167	5·179	5·179	5·173	5·191	5·186	5·192	5·194	5·196	5·206	5·221
22	5·207	5·207	5·211	5·217	5·217	5·218	5·217	5·213	5·219	5·231	5·234	5·235	5·251	5·248	5·247	5·243	5·233	5·225	5·211	5·210	5·191	5·178	5·158	5·138	5·215
23	5·109	5·099	5·081	5·070	5·057	5·058	5·050	5·050	5·063	5·065	5·065	5·069	5·074	5·083	5·091	5·098	5·103	5·107	5·107	5·115	5·118	5·120	5·115	5·115	5·087
24	5·103	5·103	5·102	5·095	5·079	5·081	5·073	5·076	5·085	5·085	5·091	5·095	5·096	5·089	5·089	5·085	5·074	5·082	5·089	5·099	5·104	5·102	5·101	5·098	5·091
25	5·090	5·085	5·075	5·072	5·052	5·046	5·045	5·043	5·031	5·027	5·013	5·005	4·990	4·975	4·961	4·945	4·932	4·907	4·890	4·880	4·856	4·838	4·817	4·805	4·974
26	4·790	4·778	4·764	4·759	4·747	4·752	4·758	4·761	4·765	4·770	4·772	4·772	4·777	4·779	4·779	4·780	4·785	4·777	4·782	4·790	4·790	4·790	4·781	4·775	4·774
27	4·765	4·747	4·742	4·727	4·730	4·741	4·754	4·768	4·792	4·809	4·827	4·859	4·884	4·897	4·929	4·940	4·962	4·969	4·993	5·034	5·051	5·075	5·097	5·117	4·884
28	5·125	5·144	5·150	5·166	5·182	5·194	5·206	5·225	5·244	5·254	5·267	5·280	5·289	5·301	5·309	5·303	5·309	5·303	5·312	5·316	5·330	5·333	5·337	5·338	5·259
29	5·339	5·343	5·334	5·329	5·333	5·341	5·352	5·360	5·376	5·391	5·407	5·422	5·432	5·443	5·446	5·441	5·451	5·459	5·483	5·493	5·505	5·515	5·516	5·516	5·418
30	5·515	5·512	5·508	5·505	5·511	5·517	5·520	5·530	5·537	5·543	5·546	5·553	5·559	5·562	5·559	5·553	5·562	5·563	5·568	5·579	5·583	5·579	5·581	5·581	5·547
31	5·584	5·582	5·579	5·580	5·584	5·589	5·598	5·610	5·622	5·625	5·633	5·637	5·647	5·653	5·659	5·653	5·648	5·647	5·648	5·653	5·650	5·642	5·632	5·618	5·624
Mean.	5·311	5·306	5·299	5·295	5·289	5·290	5·293	5·296	5·302	5·306	5·309	5·313	5·317	5·319	5·320	5·320	5·319	5·318	5·322	5·327	5·330	5·330	5·328	5·326	5·312

BAROMETER. REDUCED TO 32° AND SEA LEVEL. FIRST FIGURE OMITTED. AUGUST 1890.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	9·776	9·773	9·767	9·766	9·767	9·782	9·787	9·798	9·809	9·808	9·809	9·811	9·805	9·804	9·802	9·813	9·820	9·826	9·827	9·843	9·860	9·875	9·878	9·889	9·812
2	9·888	9·901	9·906	9·914	9·925	9·946	9·953	9·966	9·972	9·986	0·000	0·001	0·006	0·013	0·020	0·032	0·036	0·045	0·055	0·071	0·078	0·088	0·091	0·089	9·999
3	0·087	0·085	0·076	0·075	0·084	0·080	0·070	0·078	0·068	0·070	0·051	0·049	0·044	0·050	0·044	0·027	0·021	0·020	0·020	0·027	0·013	0·012	0·014	0·016	0·050
4	0·008	0·004	0·005	0·003	0·010	0·008	0·009	0·006	0·005	9·995	9·987	9·990	9·992	9·995	9·985	9·985	9·988	0·004	0·021	0·038	0·047	0·057	0·062	0·067	0·011
5	0·066	0·068	0·063	0·058	0·048	0·051	0·042	0·048	0·039	0·041	0·030	0·019	0·004	0·000	9·974	9·962	9·955	9·948	9·954	9·992	0·017	0·044	0·048	0·057	0·022
6	0·055	0·073	0·076	0·086	0·086	0·104	0·109	0·124	0·123	0·125	0·133	0·142	0·151	0·155	0·155	0·159	0·155	0·155	0·158	0·169	0·177	0·188	0·184	0·189	0·134
7	0·190	0·190	0·189	0·194	0·196	0·200	0·201	0·211	0·208	0·204	0·196	0·197	0·193	0·188	0·180	0·180	0·168	0·166	0·169	0·183	0·195	0·203	0·207	0·213	0·192
8	0·213	0·220	0·213	0·212	0·213	0·219	0·220	0·228	0·210	0·203	0·189	0·185	0·171	0·160	0·165	0·159	0·151	0·153	0·153	0·161	0·177	0·186	0·190	0·195	0·189
9	0·194	0·200	0·195	0·192	0·189	0·188	0·187	0·183	0·174	0·171	0·153	0·144	0·124	0·109	0·093	0·090	0·082	0·086	0·097	0·110	0·103	0·106	0·096	0·100	0·140
10	0·081	0·073	0·066	0·060	0·038	0·035	0·023	0·014	9·998	9·986	9·969	9·950	9·935	9·921	9·904	9·888	9·876	9·870	9·871	9·875	9·867	9·867	9·860	9·859	9·953
11	9·845	9·831	9·820	9·815	9·794	9·797	9·787	9·785	9·783	9·773	9·752	9·749	9·750	9·758	9·763	9·772	9·770	9·774	9·778	9·787	9·789	9·790	9·792	9·793	9·785
12	9·792	9·791	9·780	9·777	9·778	9·776	9·771	9·774	9·770	9·761	9·752	9·747	9·741	9·740	9·729	9·735	9·738	9·744	9·748	9·764	9·774	9·789	9·795	9·804	9·765
13	9·806	9·810	9·808	9·804	9·801	9·804	9·806	9·814	9·816	9·815	9·798	9·786	9·764	9·750	9·733	9·718	9·699	9·694	9·692	9·699	9·695	9·696	9·685	9·683	9·757
14	9·675	9·665	9·653	9·639	9·629	9·631	9·623	9·622	9·619	9·605	9·590	9·583	9·585	9·573	9·557	9·547	9·535	9·521	9·506	9·480	9·473	9·442	9·410	9·384	9·565
15	9·346	9·308	9·264	9·218	9·172	9·130	9·077	9·060	9·040	9·029	9·015	9·029	9·042	9·106	9·138	9·162	9·184	9·209	9·231	9·255	9·274	9·293	9·309	9·313	9·166
16	9·323	9·337	9·350	9·348	9·354	9·361	9·370	9·383	9·396	9·402	9·417	9·432	9·439	9·447	9·449	9·460	9·462	9·468	9·477	9·498	9·506	9·508	9·508	9·505	9·424
17	9·495	9·492	9·493	9·491	9·499	9·516	9·540	9·566	9·591	9·615	9·627	9·648	9·651	9·664	9·667	9·682	9·694	9·716	9·738	9·760	9·774	9·790	9·799	9·802	9·638
18	9·797	9·802	9·803	9·807	9·809	9·815	9·823	9·832	9·842	9·849	9·852	9·864	9·858	9·865	9·864	9·872	9·878	9·886	9·895	9·915	9·926	9·926	9·929	9·929	9·860
19	9·923	9·915	9·912	9·913	9·918	9·927	9·926	9·925	9·925	9·919	9·899	9·886	9·877	9·868	9·863	9·861	9·847	9·854	9·859	9·852	9·849	9·844	9·830	9·817	9·884
20	9·806	9·784	9·766	9·756	9·745	9·740	9·735	9·736	9·738	9·732	9·731	9·746	9·751	9·769	9·775	9·782	9·784	9·801	9·809	9·825	9·830	9·830	9·813	9·807	9·775
21	9·793	9·787	9·767	9·756	9·739	9·734	9·724	9·723	9·717	9·695	9·664	9·651	9·646	9·645	9·655	9·663	5·682	9·694	9·699	9·714	9·720	9·747	9·734	9·740	9·712
22	9·730	9·738	9·729	9·736	9·743	9·748	9·745	9·743	9·756	9·764	9·755	9·753	9·757	9·759	9·745	9·742	9·735	9·727	9·707	9·697	9·685	9·665	9·648	9·623	9·726
23	9·601	9·587	9·577	9·568	9·555	9·555	9·556	9·555	9·554	9·557	9·554	9·556	9·566	9·569	9·573	9·587	9·597	9·595	9·606	6·622	9·626	9·631	9·624	9·624	9·583
24	9·618	9·623	9·618	9·614	9·602	9·602	9·599	9·590	9·582	9·583	9·578	9·578	5·568	9·565	9·560	9·553	9·547	9·548	9·553	9·561	9·572	9·569	9·569	9·566	9·580
25	9·563	9·561	9·549	9·545	9·547	9·531	9·520	9·515	9·499	9·489	9·472	9·450	9·437	9·417	9·393	9·390	9·375	9·354	9·335	9·333	9·310	9·294	9·277	9·253	9·433
26	9·219	9·212	9·207	9·199	9·194	9·191	9·196	9·209	9·208	9·206	9·203	9·197	9·193	9·192	9·191	9·195	9·198	9·203	9·213	9·216	9·218	9·221	9·214	9·208	9·204
27	9·202	9·198	9·186	9·173	9·171	9·192	9·205	9·223	9·241	9·261	9·282	9·294	9·303	9·317	9·333	9·353	9·379	9·419	9·462	9·499	9·516	9·544	9·570	9·595	9·329
28	9·610	9·627	9·643	9·663	9·685	9·707	9·725	9·755	9·773	9·785	9·801	9·818	9·817	9·841	9·841	9·846	9·847	9·854	9·867	9·874	9·886	9·897	9·902	9·904	9·791
29	9·910	9·911	9·910	9·911	9·915	9·925	9·940	9·946	9·950	9·960	9·968	9·974	9·976	9·985	9·988	9·993	0·000	0·012	0·034	0·058	0·071	0·081	0·088	0·090	9·983
30	0·095	0·105	0·102	0·105	0·121	0·136	0·141	0·148	0·146	0·146	0·148	0·146	0·138	0·135	0·123	0·131	0·147	0·149	0·158	0·171	0·175	0·182	0·180	0·188	0·143
31	0·195	0·205	0·205	0·213	0·222	0·231	0·240	0·248	0·254	0·243	0·236	0·235	0·224	0·228	0·221	0·226	0·221	0·223	0·221	0·232	0·227	0·217	0·205	0·197	0·224
MEAN	9·803	9·802	9·797	9·794	9·792	9·796	9·795	9·800	9·800	9·798	9·794	9·794	9·791	9·794	9·790	9·792	9·793	9·797	9·803	9·815	9·821	9·826	9·826	9·823	9·802

BAROMETER. Reduced to 32°. 4407 feet above Sea Level. First figure omitted. SEPTEMBER 1890.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	5·613	5·596	5·586	5·560	5·549	5·534	5·512	5·501	5·495	5·495	5·494	5·484	5·489	5·492	5·482	5·477	5·476	5·477	5·484	5·482	5·488	5·483	5·482	5·478	5·509
2	5·472	5·469	5·465	5·452	5·452	5·454	5·458	5·464	5·475	5·487	5·485	5·487	5·499	5·498	5·499	5·498	5·494	5·503	5·508	5·511	5·522	5·522	5·514	5·511	5·488
3	5·509	5·501	5·488	5·484	5·487	5·491	5·501	5·503	5·511	5·520	5·524	5·530	5·539	5·538	5·543	5·537	5·538	5·541	5·543	5·551	5·546	5·557	5·557	5·569	5·525
4	5·564	5·564	5·567	5·564	5·575	5·587	7·603	5·614	5·629	5·631	5·648	5·659	5·681	5·695	5·703	5·708	5·714	5·715	5·722	5·737	5·746	5·744	5·745	5·742	5·661
5	5·747	5·737	5·730	5·727	5·727	5·730	5·734	5·741	5·742	5·749	5·747	5·748	5·755	5·751	5·757	5·749	5·748	5·745	5·747	5·774	5·772	5·792	5·771	5·778	5·750
6	5·785	5·771	5·778	5·772	5·776	5·789	5·803	5·820	5·832	5·850	5·859	5·874	5·875	5·882	5·886	5·888	5·899	5·902	5·911	5·914	5·919	5·922	5·925	5·926	5·857
7	5·925	5·922	5·917	5·915	5·915	5·918	5·920	5·926	**5·932**	5·930	5·929	5·931	5·928	5·924	5·919	5·917	5·909	5·898	5·895	5·896	5·895	5·890	5·884	5·876	5·913
8	5·871	5·860	5·853	5·839	5·831	5·824	5·827	5·824	5·815	5·808	5·797	5·801	5·789	5·778	5·767	5·752	5·737	5·722	5·702	5·698	5·685	5·671	5·653	5·643	5·773
9	5·644	5·633	5·636	5·638	5·639	5·649	5·656	5·663	5·684	5·686	5·691	5·693	5·695	5·695	5·695	5·693	5·688	5·687	5·681	5·682	5·673	5·668	5·659	5·648	5·670
10	5·634	5·627	5·617	5·608	5·607	5·597	5·593	5·592	5·589	5·588	5·582	5·572	5·563	5·557	5·541	5·536	5·530	5·516	5·514	5·514	5·575	5·518	5·500	5·494	5·563
11	5·483	5·479	5·466	5·460	5·465	5·473	5·485	5·494	5·513	5·537	5·561	5·579	5·591	5·604	5·609	5·630	5·643	5·649	5·660	5·666	5·674	5·679	5·686	5·686	5·574
12	5·680	5·682	5·676	5·677	5·680	5·679	5·682	5·689	5·701	5·709	5·719	5·732	5·735	5·738	5·736	5·741	5·738	5·743	5·749	5·751	5·751	5·745	5·740	5·734	5·717
13	5·731	5·723	5·710	5·704	5·700	5·697	5·693	5·692	5·686	5·687	5·683	5·681	5·679	5·675	5·658	5·654	5·643	5·639	5·653	5·649	5·650	5·653	5·647	5·642	5·676
14	5·647	5·650	5·643	5·639	5·643	5·655	5·663	5·681	5·685	5·689	5·693	5·693	5·692	5·677	5·681	5·673	5·662	5·652	5·647	5·656	5·646	5·636	5·634	5·616	5·661
15	5·606	5·596	5·581	5·563	5·550	5·535	5·526	5·493	5·486	5·454	5·428	5·416	5·435	5·409	5·399	5·395	5·397	5·388	5·385	5·408	5·400	5·366	5·392	5·381	5·458
16	5·391	5·388	5·390	5·390	5·388	5·385	5·386	5·385	5·367	5·386	5·379	5·384	5·380	5·351	5·359	5·371	5·368	5·375	5·378	5·389	5·375	5·351	5·337	5·335	5·374
17	5·318	5·286	5·287	5·273	5·271	5·292	5·283	5·273	5·313	5·331	5·325	5·337	5·333	5·347	5·357	5·358	5·356	5·362	5·364	5·378	5·375	5·375	5·345	5·316	5·327
18	5·297	5·281	5·281	5·260	5·269	5·273	5·282	5·281	5·299	5·308	5·318	5·331	5·352	5·360	5·371	5·382	5·387	5·400	5·417	5·422	5·431	5·434	5·434	5·434	5·346
19	5·425	5·418	5·408	5·395	5·381	5·382	5·377	5·380	5·375	5·372	5·364	5·368	5·366	5·351	5·342	5·330	5·322	5·313	5·313	5·305	5·302	5·295	5·283	5·270	5·352
20	5·261	5·244	5·211	5·204	5·195	5·175	5·158	5·153	5·138	5·108	5·091	5·065	5·036	5·025	5·012	4·962	4·992	5·014	5·042	5·028	5·021	4·996	4·991	4·982	5·088
21	4·989	4·982	4·947	4·942	4·935	4·941	4·929	4·936	4·929	4·876	4·954	4·965	4·977	4·974	4·962	4·950	4·954	4·980	4·964	4·957	4·933	4·946	4·972	4·966	4·952
22	4·967	4·951	4·931	4·931	4·929	4·942	4·966	4·981	4·984	5·017	5·024	5·044	5·062	5·074	5·096	5·119	5·146	5·168	5·198	5·219	5·235	5·248	5·258	5·271	5·073
23	5·287	5·300	5·308	5·313	5·316	5·330	5·332	5·341	5·347	5·350	5·353	5·354	5·355	5·351	5·346	5·344	5·334	5·336	5·336	5·331	5·321	5·315	5·312	5·306	5·330
24	5·296	5·287	5·279	5·279	5·277	5·277	5·285	5·291	5·294	5·293	5·296	5·315	5·332	5·336	5·347	5·361	5·386	5·397	5·409	5·432	5·450	5·463	5·477	5·494	5·348
25	5·514	5·525	5·545	5·568	5·572	5·585	5·608	5·626	5·652	5·654	5·667	5·671	5·673	5·666	5·644	5·631	5·606	5·562	5·549	5·528	5·533	5·525	5·510	5·519	5·589
26	5·521	5·522	5·523	5·513	5·529	5·531	5·538	5·550	5·566	5·580	5·584	5·591	5·615	5·611	5·634	5·658	5·665	5·679	5·683	5·695	5·703	5·704	5·706	5·710	5·609
27	5·698	5·695	5·676	5·684	5·670	5·654	5·659	5·655	5·654	5·662	5·649	5·647	5·646	5·611	5·616	5·611	5·607	5·598	5·600	5·595	5·585	5·571	5·560	5·542	5·631
28	5·524	5·518	5·501	5·496	5·493	5·499	5·501	5·507	5·511	5·514	5·514	5·512	5·497	5·477	5·461	5·452	5·433	5·423	5·417	5·406	5·395	5·381	5·363	5·361	5·465
29	5·347	5·334	5·310	5·295	5·271	5·257	5·221	5·217	5·184	5·169	5·107	5·105	5·033	5·063	5·051	5·038	5·037	5·049	5·070	5·076	5·096	5·114	5·122	5·108	5·155
30	5·116	5·134	5·132	5·124	5·119	5·133	5·129	5·111	5·097	5·088	5·064	5·037	5·011	4·984	4·959	4·953	4·949	4·940	4·944	4·932	4·914	4·913	4·897	**4·863**	5·023
Mean	5·495	5·489	5·481	5·476	5·474	5·475	5·477	5·479	5·483	5·484	5·484	5·487	5·489	5·483	5·481	5·479	5·478	5·479	5·483	5·486	5·485	5·482	5·478	5·473	5·482

BAROMETER. Reduced to 32°. 4407 feet above Sea Level. First figure omitted. OCTOBER 1890.

	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	4·836	4·808	4·820	4·823	4·820	4·830	4·849	4·876	4·897	4·908	4·924	4·944	4·961	5·039	5·093	5·132	5·179	5·232	5·288	5·315	5·348	5·384	5·395	5·434	5·047
2	5·466	5·477	5·493	5·509	5·520	5·527	5·545	5·563	5·583	5·588	5·594	5·592	5·593	5·562	5·527	5·507	5·446	5·441	5·431	5·418	5·404	5·421	5·391	5·384	5·499
3	5·383	5·348	5·351	5·360	5·311	5·304	5·321	5·302	5·331	5·316	5·311	5·326	5·311	5·318	5·325	5·331	5·338	5·345	5·361	5·367	5·385	5·391	5·399	5·409	5·344
4	5·398	5·389	5·396	5·400	5·428	5·412	5·421	5·429	5·432	5·444	5·455	5·467	5·473	5·458	5·464	5·457	5·461	5·461	5·459	5·449	5·443	5·439	5·433	5·428	5·437
5	5·433	5·412	5·406	5·399	5·397	5·398	5·378	5·397	5·399	5·399	5·386	5·370	5·358	5·322	5·308	5·268	5·288	5·289	5·279	5·255	5·227	5·235	5·240	5·231	5·336
6	5·237	5·235	5·216	5·222	5·230	5·234	5·236	5·243	5·251	5·262	5·263	5·283	5·287	5·293	5·303	5·310	5·314	5·313	5·331	5·323	5·321	5·322	5·322	5·313	5·278
7	5·312	5·317	5·310	5·301	5·308	5·297	5·300	5·316	5·329	5·359	5·366	5·377	5·390	5·405	5·428	5·445	5·476	5·499	5·539	5·550	5·584	5·612	5·632	5·659	5·421
8	5·673	5·691	5·711	5·723	5·748	5·761	5·778	5·793	5·808	5·817	5·825	5·830	5·831	5·822	5·815	5·805	5·803	5·802	5·812	5·795	5·791	5·779	5·758	5·748	5·780
9	5·749	5·731	5·724	5·714	5·715	5·710	5·708	5·707	5·716	5·709	5·704	5·707	5·701	5·689	5·691	5·677	5·682	5·680	5·684	5·680	5·681	5·683	5·673	5·674	5·700
10	5·669	5·651	5·647	5·644	5·645	5·643	5·640	5·649	5·647	5·651	5·656	5·651	5·639	5·643	5·630	5·618	5·610	5·593	5·601	5·603	5·596	5·601	5·594	5·590	5·630
11	5·598	5·592	5·582	5·588	5·588	5·587	5·605	5·609	5·614	5·618	5·619	5·641	5·643	5·648	5·660	5·665	5·680	5·688	5·702	5·701	5·709	5·711	5·704	5·706	5·644
12	5·709	5·705	5·695	5·687	5·686	5·686	5·685	5·688	5·688	5·687	5·688	5·688	5·686	5·688	5·688	5·677	5·671	5·686	5·688	5·687	5·684	5·689	5·689	5·678	5·688
13	5·677	5·670	5·660	5·651	5·659	5·651	5·652	5·661	5·661	5·667	5·667	5·667	5·661	5·645	5·626	5·624	5·622	5·619	5·608	5·583	5·570	5·561	5·536	5·516	5·630
14	5·501	5·486	5·452	5·439	5·411	5·402	5·400	5·398	5·405	5·380	5·376	5·371	5·358	5·344	5·317	5·307	5·285	5·260	5·223	5·179	5·150	5·095	5·041	5·031	5·317
15	4·994	4·948	4·930	4·906	4·897	4·890	4·886	4·883	4·872	4·862	5·857	4·840	4·823	4·815	4·788	4·759	4·733	4·711	4·699	**4·683**	4·740	4·754	4·772	4·772	4·826
16	4·798	4·802	4·821	4·844	4·875	4·874	4·873	4·867	4·862	4·844	4·807	4·785	4·854	4·889	4·932	4·991	5·057	5·087	5·118	5·133	5·155	5·171	5·176	5·180	4·950
17	5·186	5·171	5·174	5·187	5·209	5·222	5·235	5·254	5·264	5·274	5·282	5·281	5·280	5·300	5·317	5·322	5·349	5·344	5·404	5·420	5·424	5·451	5·459	5·482	5·304
18	5·506	5·514	5·519	5·526	5·534	5·551	5·548	5·565	5·565	5·578	5·587	5·593	5·600	5·613	5·616	5·618	5·626	5·636	5·655	5·642	5·642	5·644	5·645	5·649	5·590
19	5·651	5·652	5·653	5·654	5·649	5·651	5·655	5·658	5·668	5·673	5·680	5·680	5·687	5·686	5·687	5·685	5·687	5·698	5·700	5·703	5·704	5·701	5·697	5·690	5·677
20	5·679	5·657	5·641	5·647	5·653	5·655	5·655	5·662	5·667	5·667	5·661	5·651	5·646	5·645	5·646	5·652	5·662	5·679	5·683	5·682	5·670	5·673	5·674	5·672	5·662
21	5·671	5·666	5·667	5·672	5·684	5·690	5·703	5·722	5·734	5·736	5·751	5·764	5·770	5·771	5·776	5·781	5·797	5·814	5·818	5·823	5·828	5·832	5·835	5·835	5·756
22	5·837	5·835	5·829	5·827	5·832	5·831	5·831	5·846	5·859	5·867	5·869	5·869	5·868	5·864	5·864	5·866	5·877	5·881	**5·884**	5·883	5·883	5·879	5·870	5·871	5·859
23	5·867	5·862	5·857	5·835	5·827	5·814	5·805	5·792	5·787	5·781	5·762	5·741	5·716	5·703	5·693	5·677	5·666	5·660	5·641	5·620	5·607	5·572	5·549	5·533	5·724
24	5·499	5·469	5·435	5·426	5·412	5·399	5·385	5·383	5·374	5·371	5·363	5·350	5·334	5·318	5·299	5·290	5·283	5·278	5·274	5·262	5·262	5·251	5·239	5·230	5·341
25	5·205	5·192	5·168	5·146	5·124	5·118	5·094	5·083	5·068	5·054	5·040	5·013	4·991	4·968	4·938	4·910	4·895	4·876	4·862	4·849	4·846	4·846	4·829	4·819	4·997
26	4·804	4·789	4·781	4·784	4·794	4·807	4·835	5·874	4·906	4·937	4·966	4·979	5·002	5·028	5·060	5·073	5·106	5·116	5·156	5·160	5·166	5·196	5·198	5·197	4·988
27	5·191	5·193	5·190	5·197	5·204	5·219	5·210	5·243	5·240	5·249	5·255	5·258	5·258	5·251	5·255	5·254	5·275	5·294	5·304	5·317	5·327	5·330	5·327	5·335	5·257
28	5·336	5·335	5·343	5·342	5·343	5·346	5·347	5·346	5·340	5·335	5·329	5·311	5·284	5·263	5·235	5·225	5·200	5·184	5·159	5·161	5·146	5·152	5·133	5·114	5·263
29	5·111	5·088	5·073	5·065	5·046	5·022	5·024	5·008	4·998	4·978	4·979	4·972	4·980	4·999	4·999	5·013	5·044	5·063	5·082	5·098	5·120	5·138	5·152	5·181	5·051
30	5·202	5·213	5·234	5·247	5·277	5·291	5·296	5·320	5·319	5·329	5·335	5·336	5·339	5·332	5·287	5·284	5·265	5·245	5·221	5·215	5·166	5·128	5·119	5·080	5·253
31	5·061	5·034	5·016	4·995	4·985	4·976	4·972	4·967	4·961	4·951	4·945	4·938	4·927	4·922	4·928	4·938	4·940	4·966	4·996	5·000	5·020	5·036	5·039	5·057	4·982
Mean	5·395	5·385	5·380	5·379	5·381	5·381	5·385	5·390	5·395	5·396	5·397	5·396	5·395	5·395	5·393	5·392	5·397	5·401	5·408	5·405	5·406	5·409	5·404	5·403	25·395

BAROMETER. REDUCED TO 32° AND SEA LEVEL. FIRST FIGURE OMITTED. SEPTEMBER 1890.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	0·182	0·168	0·153	0·131	0·106	0·088	0·069	0·057	0·036	0·023	0·004	0·000	9·989	9·979	9·964	9·950	9·947	9·949	9·951	9·954	9·953	9·950	9·948	9·946	0·021
2	9·944	9·933	9·930	9·923	9·917	9·919	9·923	9·935	9·952	9·968	9·969	9·978	9·983	9·983	9·987	9·991	9·987	0·008	0·004	0·005	0·004	0·005	9·989	9·986	9·968
3	9·966	9·965	9·952	9·944	9·940	9·953	9·961	9·966	9·975	9·978	9·983	9·993	9·989	9·991	9·994	0·000	9·995	0·005	0·006	0·016	0·012	0·020	0·022	0·035	9·986
4	0·040	0·049	0·056	0·070	0·078	0·096	0·109	0·134	0·142	0·144	0·152	0·172	0·178	0·196	0·198	0·218	0·226	0·239	0·250	0·274	0·283	0·295	0·296	0·296	0·175
5	0·309	0·296	0·283	0·287	0·293	0·297	0·301	0·306	0·299	0·302	0·296	0·289	0·279	0·268	0·259	0·254	0·247	0·257	0·257	0·288	0·273	0·291	0·287	0·300	0·284
6	0·305	0·322	0·332	0·350	0·369	0·390	0·395	0·412	0·419	0·428	0·422	0·430	0·424	0·414	0·417	0·425	0·428	0·431	0·430	0·445	0·445	**0·464**	0·463	0·457	0·409
7	0·452	0·453	0·441	0·440	0·434	0·442	0·443	0·445	0·444	0·430	0·414	0·406	0·391	0·384	0·376	0·376	0·365	0·362	0·367	0·378	0·376	0·374	0·370	0·362	0·405
8	0·359	0·354	0·343	0·347	0·331	0·327	0·323	0·324	0·313	0·309	0·293	0·276	0·256	0·232	0·214	0·203	0·191	0·175	0·171	0·173	0·171	0·168	0·158	0·140	0·256
9	0·132	0·125	0·125	0·130	0·131	0·153	0·178	0·209	0·226	0·230	0·237	0·244	0·242	0·242	0·241	0·245	0·236	0·248	0·250	0·253	0·244	0·240	0·237	0·221	0·209
10	0·213	0·207	0·193	0·188	0·179	0·185	0·173	0·145	0·160	0·155	0·135	0·129	0·097	0·086	0·073	0·070	0·065	0·059	0·050	0·055	0·054	0·048	0·029	0·004	0·116
11	9·986	9·970	9·955	9·970	9·989	0·001	0·020	0·052	0·048	0·089	0·108	0·121	0·123	0·149	0·158	0·158	0·189	0·206	0·213	0·230	0·228	0·233	0·235	0·235	0·113
12	0·226	0·231	0·228	0·227	0·231	0·237	0·241	0·252	0·253	0·256	0·252	0·263	0·253	0·260	0·250	0·255	0·241	0·243	0·245	0·251	0·241	0·239	0·236	0·232	0·243
13	0·232	0·225	0·207	0·206	0·200	0·198	0·196	0·188	0·180	0·172	0·160	0·141	0·128	0·124	0·105	0·102	0·082	0·086	0·094	0·105	0·112	0·125	0·124	0·128	0·151
14	0·137	0·132	0·129	0·127	0·135	0·144	0·158	0·169	0·169	0·175	0·172	0·167	0·156	0·147	0·132	0·122	0·114	0·111	0·115	0·120	0·111	0·106	0·099	0·089	0·135
15	0·081	0·076	0·066	0·053	0·033	0·023	0·014	0·003	9·979	9·957	9·927	9·911	9·902	9·879	9·853	9·836	9·823	9·837	9·853	9·863	9·853	9·853	9·867	9·854	9·933
16	9·859	9·859	9·852	9·845	9·844	9·858	9·857	9·861	9·854	9·847	9·848	9·854	9·847	9·845	9·826	9·821	9·812	9·819	9·816	9·827	9·823	9·812	9·794	9·777	9·836
17	9·765	9·757	9·746	9·712	9·729	9·753	9·765	9·787	9·792	9·802	9·800	9·809	9·810	9·810	9·801	9·801	9·800	9·805	9·806	9·821	9·813	9·828	9·797	9·771	9·787
18	9·747	9·734	9·730	9·721	9·704	9·713	9·723	9·726	9·735	9·753	9·763	9·789	9·805	9·824	9·831	9·855	9·858	9·878	9·896	9·905	9·915	9·921	9·923	9·925	9·807
19	9·914	9·912	9·897	9·886	9·872	9·879	9·877	9·880	9·871	9·851	9·829	9·821	9·803	9·789	9·771	9·762	9·753	9·749	9·759	9·768	9·768	9·757	9·744	9·729	9·818
20	9·717	9·697	9·679	9·661	9·656	9·641	9·627	9·613	9·591	9·583	9·535	9·507	9·476	9·450	9·421	9·411	9·434	9·463	9·493	9·495	9·497	9·496	9·475	9·465	9·545
21	9·449	9·448	9·428	9·418	9·423	9·417	9·416	9·427	9·430	9·427	9·413	9·414	9·413	9·421	9·403	9·402	9·410	9·417	9·420	9·420	9·411	9·407	9·400	9·388	9·418
22	9·381	9·376	9·376	9·368	9·374	9·381	9·376	9·386	9·394	9·416	9·431	9·453	9·466	9·494	9·521	9·542	9·563	9·593	9·623	9·655	9·679	9·699	9·711	9·729	9·499
23	9·744	9·770	9·780	9·792	9·798	9·814	9·824	9·832	9·842	9·845	9·842	9·849	9·845	9·841	9·832	9·830	9·830	9·828	9·830	9·834	9·820	9·817	9·799	9·792	9·818
24	9·779	9·765	9·753	9·750	9·745	9·749	9·753	9·760	9·765	9·774	9·779	9·805	9·814	9·841	9·864	9·884	9·913	9·945	9·965	0·007	0·022	0·040	0·057	0·086	9·859
25	0·108	0·119	0·144	0·164	0·170	0·174	0·199	0·223	0·231	0·245	0·247	0·245	0·234	0·233	0·225	0·196	0·158	0·113	0·103	0·068	0·025	0·020	9·988	9·787	0·151
26	9·983	9·986	9·980	9·985	0·012	0·010	0·023	0·027	0·042	0·054	0·075	0·083	0·115	0·135	0·155	0·180	0·193	0·214	0·210	0·231	0·220	0·215	0·201	0·202	0·105
27	0·195	0·187	0·164	0·165	0·154	0·146	0·144	0·153	0·150	0·147	0·148	0·149	0·144	0·136	0·142	0·125	0·103	0·120	0·112	0·108	0·111	0·103	0·084	0·076	0·136
28	0·060	0·066	0·053	0·050	0·041	0·053	0·061	0·063	0·063	0·059	0·052	0·051	0·028	0·011	9·986	9·993	9·966	9·966	9·952	9·931	9·926	9·916	9·891	9·881	0·005
29	9·866	9·855	9·819	9·801	9·773	9·749	9·722	9·712	9·667	9·640	9·593	9·563	9·513	9·488	9·500	9·513	9·533	9·572	9·585	9·611	9·627	9·659	9·665	9·672	9·654
30	9·682	9·674	9·668	9·672	9·669	9·661	9·654	9·633	9·619	9·604	9·587	9·555	9·517	9·497	9·466	9·446	9·420	9·411	9·402	9·385	9·363	9·363	9·340	**9·308**	9·525
MEAN	9·994	9·991	9·983	9·981	9·978	9·982	9·985	9·989	9·988	9·988	9·984	9·982	9·973	9·971	9·965	9·965	9·962	9·970	9·974	9·982	9·979	9·982	9·975	9·970	9·979

BAROMETER. REDUCED TO 32° AND SEA LEVEL. FIRST FIGURE OMITTED. OCTOBER 1890.

	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	9·278	9·250	9·249	9·249	9·270	9·298	9·324	9·372	9·401	9·416	9·427	9·479	9·543	9·627	9·678	9·716	9·772	9·826	9·876	9·916	9·955	9·983	0·021	0·061	9·583
2	0·092	0·117	0·133	0·163	0·179	0·188	0·194	0·220	0·244	0·235	0·229	0·221	0·216	0·188	0·158	0·132	0·053	0·025	9·995	9·975	9·926	9·917	9·899	9·878	0·108
3	9·871	9·830	9·834	9·814	9·778	9·778	9·772	9·773	9·775	9·786	9·784	9·785	9·779	9·785	9·778	9·802	9·827	9·842	9·851	9·871	9·878	9·887	9·901	9·917	9·821
4	9·915	9·916	9·903	9·917	9·927	9·939	9·944	9·949	9·961	9·979	9·981	9·985	9·994	9·987	9·980	9·965	9·948	9·944	9·940	9·932	9·920	9·914	9·909	9·901	9·944
5	9·901	9·873	9·867	9·863	9·851	9·841	9·848	9·857	9·853	9·853	9·853	9·837	9·825	9·808	9·784	9·743	9·738	9·753	9·761	9·760	9·754	9·747	9·751	9·749	9·811
6	9·747	9·733	9·731	9·747	9·771	9·783	9·777	9·796	9·812	9·819	9·828	9·831	9·835	9·844	9·851	9·850	9·862	9·868	9·875	9·877	9·873	9·869	9·873	9·869	9·822
7	9·865	9·869	5·857	9·853	9·847	9·852	9·857	9·874	9·892	9·913	9·925	9·937	9·952	9·974	9·993	0·015	0·038	0·081	0·121	0·159	0·195	0·244	0·263	0·281	9·994
8	0·294	0·321	0·348	0·376	0·397	0·410	0·422	0·442	0·452	0·460	0·457	0·459	0·443	0·426	0·408	0·404	0·404	0·415	0·420	0·408	0·409	0·392	0·371	0·360	0·404
9	0·356	0·346	0·317	0·311	0·286	0·276	0·268	0·272	0·270	0·263	0·260	0·258	0·246	0·234	0·226	0·216	0·210	0·216	0·204	0·199	0·196	0·191	0·176	0·173	0·249
10	0·160	0·152	0·148	0·152	0·158	0·153	0·160	0·166	0·158	0·162	0·161	0·160	0·156	0·140	0·134	0·106	0·102	0·096	0·105	0·102	0·096	0·097	0·091	0·094	0·134
11	0·089	0·083	0·075	0·076	0·077	0·094	0·104	0·113	0·114	0·122	0·130	0·140	0·153	0·164	0·176	0·186	0·188	0·194	0·193	0·200	0·207	0·207	0·215	0·220	0·147
12	0·220	0·222	0·216	0·218	0·218	0·222	0·230	0·236	0·234	0·245	0·245	0·244	0·241	0·231	0·224	0·221	0·219	0·239	0·238	0·240	0·231	0·238	0·217	0·231	0·230
13	0·227	0·220	0·210	0·210	0·211	0·212	0·209	0·219	0·216	0·215	0·214	0·212	0·202	0·183	0·161	0·150	0·152	0·146	0·133	0·120	0·099	0·074	0·056	0·034	0·170
14	0·016	9·993	9·962	9·946	9·924	9·912	9·898	9·890	9·896	9·893	9·896	9·896	9·878	9·867	9·844	9·829	9·802	9·785	9·743	9·704	9·658	9·585	9·528	9·504	9·827
15	9·482	9·434	9·420	9·410	9·430	9·410	9·405	9·397	9·395	9·380	9·373	9·347	9·349	9·343	9·309	9·268	9·229	9·189	**9·177**	9·192	9·237	9·269	9·289	9·317	9·335
16	9·338	9·361	9·381	9·388	9·413	9·424	9·431	9·433	9·435	9·422	9·387	9·380	9·392	9·445	9·501	9·555	9·593	9·642	9·675	9·703	9·719	9·747	9·761	9·775	9·513
17	9·787	9·787	9·793	9·801	9·811	9·822	9·828	9·835	9·840	9·851	9·858	9·861	9·863	9·877	9·890	9·915	9·930	9·951	9·957	9·986	9·991	0·023	0·033	0·063	9·890
18	0·075	0·101	0·111	0·123	0·143	0·181	0·197	0·198	0·209	0·216	0·226	0·227	0·224	0·248	0·233	0·247	0·261	0·284	0·295	0·301	0·307	0·313	0·304	0·308	0·222
19	0·307	0·299	0·310	0·306	0·308	0·304	0·309	0·311	0·323	0·328	0·323	0·316	0·310	0·306	0·304	0·304	0·299	0·316	0·316	0·326	0·318	0·322	0·310	0·310	0·312
20	0·286	0·271	0·251	0·248	0·242	0·241	0·238	0·242	0·244	0·234	0·221	0·207	0·193	0·195	0·201	0·211	0·223	0·227	0·229	0·240	0·239	0·235	0·239	0·242	0·233
21	0·232	0·236	0·232	0·242	0·248	0·256	0·270	0·288	0·296	0·306	0·312	0·321	0·323	0·326	0·329	0·341	0·353	0·372	0·380	0·391	0·398	0·415	0·415	0·417	0·321
22	0·422	0·428	0·418	0·430	0·428	0·434	0·422	0·452	0·463	**0·470**	0·462	0·462	0·458	0·452	0·452	0·458	0·467	0·469	0·468	**0·470**	**0·470**	0·464	0·452	0·452	0·451
23	0·448	0·438	0·420	0·418	0·402	0·404	0·400	0·398	0·388	0·379	0·346	0·325	0·303	0·288	0·272	0·240	0·240	0·218	0·204	0·180	0·150	0·112	0·090	0·058	0·296
24	0·026	0·004	9·956	9·937	9·916	9·891	9·872	9·870	9·862	9·862	9·858	9·855	9·856	9·862	9·854	9·851	9·849	9·850	9·845	9·833	9·825	9·812	9·793	9·779	9·872
25	9·767	9·744	9·725	9·703	9·677	9·669	9·645	9·645	9·631	9·618	9·601	9·575	9·542	9·512	9·481	9·464	9·457	9·445	9·436	9·437	9·437	9·433	9·409	9·401	9·561
26	9·393	9·373	9·369	9·377	9·393	9·419	9·447	9·492	9·521	9·543	9·583	9·599	9·634	9·654	9·679	9·704	9·753	9·792	9·813	9·839	9·859	9·887	9·893	9·903	9·622
27	9·908	9·916	9·909	9·919	9·921	9·932	9·932	9·947	9·952	9·956	9·951	9·956	9·949	9·941	9·945	9·953	9·962	9·976	9·985	0·005	0·011	0·016	0·015	0·025	9·958
28	0·012	0·016	0·018	0·014	0·007	0·012	0·000	9·995	9·990	9·974	9·946	9·910	9·867	9·818	9·772	9·751	9·705	9·661	9·643	9·647	9·636	9·630	9·620	9·623	9·844
29	9·611	9·587	9·567	9·543	9·525	9·493	9·479	9·453	9·415	9·403	9·402	9·408	9·422	4·460	9·483	9·526	9·563	9·596	9·623	9·657	9·679	9·715	9·736	9·768	9·546
30	9·785	9·806	9·829	9·845	9·864	9·884	9·885	9·904	9·901	9·913	9·917	9·914	9·904	9·895	9·854	9·841	9·822	9·806	9·764	9·758	9·701	9·666	9·634	9·582	9·820
31	9·545	9·513	9·482	9·455	9·438	9·426	9·414	9·417	9·405	9·402	9·387	9·388	9·396	9·406	9·418	9·439	9·457	9·490	9·507	9·526	9·545	9·574	9·576	9·598	9·467
MEAN	9·950	9·943	9·937	9·937	9·937	9·941	9·941	9·950	9·953	9·955	9·953	9·951	9·950	9·951	9·947	9·948	9·951	9·959	9·960	9·966	9·964	9·967	9·963	9·964	9·952

BAROMETER. Reduced to 32°. 4407 feet above Sea Level First figure omitted. NOVEMBER 1890.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	33	Mid-night.	Mean.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	5·080	5·086	5·095	5·104	5·122	5·122	5·140	5·145	5·150	5·144	5·142	5·144	5·108	5·109	5·064	5·031	4·995	4·940	4·884	4·825	4·782	4·704	4·635	4·546	5·004
2	4·495	4·438	4·417	4·432	4·414	4·403	4·419	4·445	4·453	4·481	4·494	4·507	4·515	4·536	4·552	4·571	4·601	4·634	4·697	4·720	4·755	4·780	4·822	4·843	4·559
3	4·862	4·886	4·882	4·893	4·903	4·912	4·917	4·921	4·907	4·891	4·873	4·853	4·817	4·773	4·737	4·713	4·710	4·687	4·694	4·697	4·697	4·691	4·679	4·665	4·802
4	4·664	4·653	4·646	4·635	4·639	4·639	4·640	4·646	4·655	4·663	4·673	4·689	4·700	4·711	4·728	4·751	4·781	4·808	4·835	4·858	4·878	4·918	4·940	4·959	4·738
5	4·977	5·001	5·009	5·033	5·048	5·058	5·061	5·085	5·111	5·114	5·146	5·164	5·175	5·180	5·193	5·187	5·203	5·211	5·219	5·213	5·214	5·195	5·188	5·169	5·131
6	5·168	5·156	5·112	5·105	5·074	5·057	5·023	5·007	4·962	4·918	4·879	4·796	4·711	4·639	4·570	4·488	4·387	4·334	4·289	4·290	4·296	**4·285**	4·303	4·302	4·715
7	4·325	4·347	4·372	4·390	4·424	4·459	4·528	4·590	4·639	4·694	4·774	4·805	4·838	4·862	4·888	4·906	4·921	4·935	4·947	4·942	4·939	4·941	4·924	4·905	4·721
8	4·872	4·858	4·836	4·801	4·794	4·792	4·798	4·800	4·798	4·792	4·795	4·796	4·775	4·767	4·766	4·766	4·768	4·762	4·761	4·759	4·768	4·783	4·795	4·797	4·792
9	4·798	4·805	4·812	4·825	4·828	4·842	4·853	4·868	4·879	4·892	4·892	4·891	4·886	4·892	4·891	4·900	4·902	4·914	4·932	4·931	4·937	4·946	4·950	4·957	4·884
10	4·963	4·965	4·965	4·969	4·983	4·977	5·003	5·023	5·021	5·009	5·002	4·997	4·969	4·924	4·829	4·831	4·859	4·832	4·872	4·874	4·845	4·859	4·820	4·795	4·924
11	4·758	4·715	4·729	4·687	4·653	4·658	4·598	4·610	4·695	4·645	4·699	4·649	4·636	4·567	4·702	4·772	4·809	4·853	4·870	4·905	4·906	4·932	4·944	4·979	4·749
12	4·971	4·980	4·986	4·997	4·988	4·998	5·002	5·008	5·012	4·994	4·984	4·994	4·964	4·947	4·945	4·892	4·829	4·813	4·783	4·824	4·905	4·920	4·934	4·939	4·942
13	4·952	4·960	4·970	4·986	5·010	5·034	5·045	5·057	5·088	5·117	5·120	5·131	5·148	5·154	5·177	5·194	5·209	5·225	5·239	5·260	5·284	5·295	5·297	5·303	5·136
14	5·304	5·301	5·271	5·289	5·273	5·267	5·264	5·237	5·229	5·189	5·097	5·064	4·992	5·010	5·017	4·999	4·983	4·994	5·025	5·050	5·073	5·118	5·165	5·199	5·142
15	5·234	5·264	5·301	5·343	5·373	5·398	5·425	5·453	5·481	5·487	5·513	5·516	5·531	5·544	5·552	5·565	5·578	5·589	5·598	5·609	5·610	5·611	5·611	5·603	5·491
16	5·595	5·576	5·566	5·536	5·516	5·497	5·455	5·421	5·435	5·427	5·420	5·405	5·393	5·377	5·391	5·414	5·439	5·460	5·488	5·505	5·526	5·538	5·557	5·577	5·480
17	5·584	5·595	5·606	5·608	5·621	5·630	5·629	5·632	5·635	5·636	5·625	5·604	5·590	5·591	5·565	5·541	5·530	5·532	5·527	5·511	5·506	5·509	5·505	5·509	5·576
18	5·530	5·534	5·543	5·563	5·573	5·582	5·597	5·616	5·636	5·646	5·665	5·671	5·672	5·677	5·685	5·677	5·682	5·678	5·670	5·668	5·650	5·643	5·645	5·631	5·631
19	5·640	5·614	5·614	5·603	5·593	5·594	5·626	5·624	5·619	5·630	5·622	5·625	5·627	5·634	5·634	5·641	5·635	5·641	5·641	5·642	5·659	5·670	5·672	5·680	5·632
20	5·681	5·678	5·686	**5·688**	5·681	5·683	5·684	5·682	5·678	5·675	5·669	5·653	5·637	5·622	5·617	5·613	5·603	5·588	5·586	5·562	5·541	5·517	5·508	5·505	5·627
21	5·476	5·453	5·408	5·376	5·333	5·321	5·322	5·308	5·303	5·322	5·314	5·311	5·295	5·294	5·303	5·314	5·290	5·287	5·279	5·261	5·256	5·243	5·250	5·236	5·315
22	5·219	5·210	5·210	5·205	5·213	5·217	5·217	5·227	5·226	5·218	5·184	5·133	5·083	5·059	5·011	4·993	4·946	4·926	4·913	4·902	4·906	4·907	4·917	4·914	5·082
23	4·904	4·885	4·884	4·875	4·867	4·861	4·867	4·852	4·852	4·845	4·815	4·799	4·770	4·754	4·740	4·725	4·731	4·699	4·693	4·702	4·686	4·684	4·669	4·676	4·785
24	4·686	4·683	4·742	4·771	4·790	4·820	4·841	4·871	4·886	4·897	4·918	4·926	4·922	4·939	4·934	4·933	4·952	4·956	4·973	5·015	5·030	5·051	5·050	5·071	4·902
25	5·071	5·069	5·062	5·089	5·101	5·126	5·188	5·217	5·285	5·331	5·357	5·397	5·428	5·464	5·473	5·501	5·511	5·521	5·533	5·549	5·552	5·555	5·562	5·561	5·354
26	5·567	5·567	5·569	5·572	5·580	5·584	5·591	5·597	5·612	5·623	5·626	5·621	5·620	5·615	5·614	5·616	5·611	5·601	5·598	5·588	5·577	5·574	5·565	5·562	5·594
27	5·555	5·550	5·543	5·536	5·526	5·522	5·520	5·520	5·520	5·523	5·527	5·526	5·523	5·521	5·516	5·519	5·520	5·528	5·535	5·544	5·548	5·550	5·553	5·559	5·533
28	5·558	5·551	5·542	5·540	5·535	5·527	5·542	5·545	5·550	5·554	5·551	5·547	5·537	5·523	5·518	5·519	5·519	5·522	5·522	5·520	5·523	5·524	5·524	5·520	5·534
29	5·513	5·507	5·495	5·485	5·477	5·475	5·470	5·469	5·457	5·446	5·431	5·410	5·392	5·383	5·356	5·335	5·336	5·340	5·334	5·316	5·280	5·272	5·263	5·257	5·396
30	5·248	5·233	5·203	5·187	5·201	5·189	5·206	5·223	5·250	5·257	5·249	5·238	5·241	5·244	5·262	5·262	5·266	5·287	5·281	5·288	5·309	5·311	5·306	5·326	5·253
Mean.	5·142	5·137	5·136	5·137	5·138	5·141	5·149	5·157	5·167	5·169	5·169	5·162	5·150	5·144	5·141	5·139	5·137	5·137	5·141	5·144	5·148	5·151	5·152	5·152	5·147

BAROMETER. Reduced to 32°. 4407 feet above Sea Level. First figure omitted. DECEMBER 1890.

	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	5·330	5·330	5·318	5·311	5·297	5·298	5·284	5·287	5·289	5·294	5·287	5·272	5·270	5·265	5·264	5·271	5·273	5·267	5·262	5·275	5·288	5·283	5·274	5·274	5·286
2	5·274	5·272	5·273	5·259	5·258	5·258	5·268	5·273	5·285	5·287	5·287	5·275	5·269	5·262	5·254	5·249	5·244	5·239	5·224	5·226	5·227	5·222	5·210	5·183	5·253
3	5·160	5·203	5·189	5·188	5·204	5·198	5·203	5·212	5·238	5·248	5·257	5·262	5·278	5·281	5·273	5·297	5·337	5·351	5·410	5·415	5·421	5·416	5·424	5·414	5·287
4	5·372	5·418	5·407	5·414	5·435	5·439	5·437	5·439	5·454	5·443	5·449	5·451	5·436	5·429	5·430	5·433	5·431	5·432	5·429	5·425	5·409	5·427	5·401	5·391	5·426
5	5·389	5·366	5·374	5·355	5·354	5·350	5·345	5·338	5·334	5·351	5·366	5·380	5·383	5·393	5·407	5·418	5·423	5·433	5·439	5·451	5·465	5·476	5·480	5·492	5·398
6	5·495	5·502	5·509	5·512	5·507	5·506	5·514	5·523	5·522	5·533	5·531	5·537	5·542	5·546	5·546	5·550	5·552	5·572	5·580	5·574	5·578	5·583	5·594	5·582	5·541
7	5·583	5·598	5·596	5·583	5·570	5·566	5·569	5·564	5·559	5·563	5·550	5·538	5·536	5·522	5·516	5·511	5·490	5·498	5·494	5·490	5·487	5·480	5·473	5·469	5·534
8	5·465	5·461	5·435	5·425	5·421	5·416	5·420	5·419	5·410	5·419	5·421	5·419	5·382	5·390	5·384	5·386	5·374	5·364	5·378	5·365	5·371	5·376	5·381	5·378	5·402
9	5·372	5·374	5·364	5·357	5·338	5·334	5·343	5·352	5·370	5·373	5·374	6·383	5·376	5·369	5·366	5·373	5·375	5·386	5·393	5·403	5·404	5·404	5·424	5·429	5·376
10	5·431	5·437	5·445	5·449	5·450	5·457	5·474	5·487	5·496	5·490	5·507	5·498	5·490	5·481	5·465	5·452	5·427	5·435	5·450	5·453	5·454	5·439	5·433	5·429	5·460
11	5·420	5·415	5·398	5·397	5·391	5·380	5·390	5·383	5·380	5·389	5·393	5·398	5·395	5·395	5·394	5·399	5·394	5·406	5·414	5·425	5·428	5·431	5·438	5·441	5·404
12	5·436	5·439	5·438	5·443	5·439	5·444	5·452	5·467	5·485	5·482	5·483	5·483	5·476	5·482	5·487	5·488	5·492	5·486	5·479	5·474	5·470	5·471	5·463	5·455	5·467
13	5·436	5·420	5·406	5·388	5·364	5·356	5·335	5·319	5·315	5·318	5·310	5·295	5·280	5·277	5·263	5·269	5·259	5·252	5·255	5·254	5·262	5·261	5·257	5·253	5·308
14	5·256	5·268	5·274	5·283	5·284	5·284	5·292	5·300	5·310	5·314	5·319	5·319	5·315	5·297	5·292	5·283	5·272	5·282	5·290	5·272	5·260	5·260	5·251	5·249	5·284
15	5·246	5·240	5·245	5·237	5·231	5·230	5·228	5·209	5·219	5·214	5·202	5·193	5·187	5·184	5·251	5·286	5·280	5·264	5·265	5·266	5·268	5·288	5·274	5·278	5·241
16	5·269	5·270	5·261	5·263	5·254	5·247	5·260	5·268	5·293	5·293	5·289	5·285	5·276	5·276	5·283	5·298	5·295	5·299	5·301	5·303	5·305	5·311	5·310	5·292	5·283
17	5·288	5·303	5·302	5·297	5·289	5·298	5·300	5·305	5·309	5·318	5·311	5·304	5·290	5·288	5·286	5·289	5·277	5·267	5·258	5·253	5·244	5·222	5·222	5·187	5·279
18	5·183	5·172	5·122	5·097	5·083	5·059	5·041	5·032	5·006	4·987	4·980	4·960	4·925	4·904	4·874	4·852	4·832	4·804	4·785	4·769	4·753	4·735	4·720	4·682	4·932
19	4·685	4·701	4·690	4·684	**4·667**	4·672	4·676	4·675	4·683	4·696	4·704	4·711	4·708	4·730	4·747	4·770	5·788	4·811	4·834	4·857	4·885	4·908	4·929	4·945	4·756
20	4·964	4·980	5·003	5·020	5·047	5·072	5·093	5·115	5·136	5·170	5·191	5·203	5·223	5·247	5·268	5·293	5·317	5·347	5·373	5·395	5·423	5·451	5·464	5·489	5·220
21	5·502	5·517	5·533	5·539	5·543	5·559	5·573	5·588	5·599	5·605	5·614	5·613	5·610	5·608	5·611	5·608	5·601	5·592	5·591	5·585	5·568	5·569	5·555	5·554	5·577
22	5·543	5·513	5·503	5·489	5·476	5·466	5·449	5·415	5·407	5·406	5·402	5·362	5·342	5·304	5·293	5·279	5·269	5·257	5·250	5·234	5·221	5·209	5·189	5·158	5·352
23	5·156	5·144	5·128	5·095	5·084	5·098	5·143	5·181	5·218	5·246	5·258	5·270	5·290	5·317	5·342	5·363	5·387	5·417	5·444	5·463	5·492	5·509	5 529	5·534	5·296
24	5·547	5·562	5·571	5·586	5·597	5·608	5·620	5·631	5·661	5·661	5·656	5·651	5·641	5·632	5·627	5·627	5·630	5·623	5·608	5·607	5·577	5·564	5·547	5·527	5·607
25	5·503	5·488	5·481	5·454	5·458	5·445	5·434	5·428	5·437	5·451	5·455	5·451	5·449	5·451	5·462	5·495	5·519	5·547	5·568	5·586	5·605	5·638	5·654	5·654	5·505
26	5·661	5·679	5·720	5·730	5·746	5·750	5·764	5·766	5·801	5·794	5·808	5·812	5·789	5·795	5·799	5·798	5·798	5·798	5·798	5·789	5·788	5·783	5·798	5·788	5·773
27	5·772	5·776	5·753	5·747	5·742	5·726	5·719	5·720	5·723	5·714	5·713	5·704	5·687	5·679	5·671	5·655	5·647	5·658	5·646	5·648	5·652	5·651	5·645	5·643	5·695
28	5·631	5·631	5·610	5·602	5·591	5·605	5·607	5·609	5·617	5·618	5·617	5·605	5·599	5·605	5·604	5·603	5·611	5·614	5·623	5·628	5·632	5·648	5·646	5·650	5·617
29	5·650	5·650	5·656	5·667	5·668	5·679	5·692	5·700	5·712	5·720	5·731	5·737	5·735	5·735	5·737	5·738	5·740	5·744	5·752	5·745	5·754	5·738	5·743	5·734	5·715
30	5·748	5·755	5·759	5·766	5·789	5·807	5·814	5·844	5·832	5·861	**5·892**	5·888	5·869	5·871	5·860	5·838	5·853	5·842	5·843	5·847	5·806	5·797	5·787	5·775	5·823
31	5·746	5·734	5·732	5·706	5·659	5·624	5·626	5·566	5·570	5·598	5·600	5·546	5·558	5·528	5·520	5·532	5·560	5·560	5·556	5·571	5·566	5·560	5·495	5·521	5·593
Mean.	5·404	5·407	5·403	5·398	5·395	5·395	5·399	5·400	5·409	5·415	5·418	5·413	5·407	5·405	5·406	5·410	5·411	5·414	5·419	5·421	5·421	5·423	5·420	5·415	5·409

BAROMETER. REDUCED TO 32° AND SEA LEVEL. NOVEMBER 1890.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	9·605	9·618	9·629	9·640	9·651	9·659	9·668	9·682	9·684	9·670	9·672	9·661	9·627	9·623	9·574	9·535	9·485	9·432	9·369	9·292	9·236	9·149	9·060	8·978	9·508
2	[8·875]	[8·765]	[8·710]	[8·690]	[8·690]	[8·705]	[8·760]	[8·815]	8·878	8·902	[8·950]	8·959	8·973	8·983	8·994	9·048	9·125	9·188	9·244	9·293	9·319	9·366	9·417	9·437	9·004
3	9·461	9·474	9·471	9·479	9·491	9·493	9·498	9·494	9·476	9·458	9·432	9·407	9·366	9·320	9·276	9·250	9·223	9·217	9·200	9·191	9·188	9·175	9·156	9·145	9·348
4	9·136	9·134	9·125	9·118	9·120	9·125	9·122	9·132	9·142	9·155	9·161	9·176	9·184	9·201	9·215	9·249	9·275	9·325	9·360	9·402	9·435	9·473	9·496	9·520	9·241
5	9·544	9·573	9·587	9·603	9·609	9·612	9·614	9·652	9·685	9·707	9·720	9·731	9·737	9·752	9·756	9·758	9·765	9·780	9·784	9·782	9·778	9·771	9·767	9·756	9·701
6	9·746	9·743	9·694	9·690	9·648	9·626	9·579	9·545	9·498	9·472	9·428	9·334	9·245	9·139	9·082	9·033	[9·000]	[8·940]	[8·840]	[8·790]	8·663	8·636	[8·600]	[8·610]	9·232
7	[8·650]	[8·700]	[8·750]	[8·804]	[8·880]	8·970	9·037	9·123	9·185	9·256	9·314	9·359	9·384	9·414	9·434	9·456	9·465	9·478	9·489	9·486	9·482	9·478	9·466	9·437	9·229
8	9·389	9·376	9·339	9·300	9·275	9·271	9·266	9·290	9·285	9·288	9·282	9·279	9·263	9·271	9·263	9·269	9·275	9·263	9·264	9·273	9·281	9·298	9·315	9·326	9·292
9	9·326	9·337	9·344	9·359	9·366	9·380	9·391	9·415	9·419	9·430	9·449	9·463	9·468	9·483	9·484	9·490	9·492	9·494	9·504	9·509	9·510	9·506	9·499	9·496	9·442
0	9·503	9·508	9·516	9·530	9·536	9·547	9·574	9·596	9·609	9·613	9·608	9·588	9·541	9·498	9·457	9·485	9·483	9·467	9·479	9·472	9·481	9·467	9·443	9·427	9·518
1	9·396	9·389	9·363	9·329	9·303	9·295	9·276	9·265	9·268	9·261	9·250	9·243	9·249	9·246	9·258	9·305	9·344	9·371	9·399	9·430	9·452	9·476	9·488	9·500	9·340
2	9·514	9·533	9·554	9·565	9·565	9·571	9·572	9·587	9·592	9·573	9·560	9·540	9·516	9·489	9·478	9·447	9·435	9·403	9·360	9·374	9·398	9·437	9·460	9·481	9·500
3	9·496	9·516	9·534	9·546	9·570	9·594	9·596	9 635	9·650	9·670	9·700	9·700	9·721	9·735	9·746	9·761	9·774	9·798	9·805	9·825	9·851	9·859	9·868	9·875	9·701
4	9·869	9·870	9·858	9·862	9·842	9·844	9·826	9·830	9·797	9·772	9·737	9·701	9·646	9·598	9·552	9·520	9·507	9·528	9·555	9·603	9·645	9·707	9·740	9·786	9·716
5	9·816	9·880	9·921	9·954	9·982	0·009	0·032	0·057	0·080	0·101	0·119	0·135	0·141	0·151	0·161	0·186	0·194	0·212	0·218	0·236	0·240	0·250	0·234	0·238	0·107
6	0·215	0·183	0·174	0·158	0·140	0·118	0·102	0·083	0·071	0·052	0·024	0·006	9·991	9·981	9·986	0·005	0·024	0·046	0·077	0·108	0·132	0·155	0·176	0·202	0·109
7	0·215	0·229	0·232	0·231	0·250	0·264	0·266	0·264	0·255	0·252	0·236	0·223	0·220	0·183	0·165	0·146	0·140	0·102	0·106	0·080	0·074	0·061	0·051	0·058	0·178
8	0·082	0·090	0·105	0·134	0·145	0·169	0·187	0·221	0·241	0·255	0·267	0·263	0·263	0·265	0·265	0·263	0·259	0·255	0·239	0·237	0·213	0·195	0·183	0·181	0·207
9	0·167	0·159	0·137	0·141	0·145	0·143	0·151	0·164	0·178	0·187	0·190	0·200	0·208	0·204	0·252	0·261	0·249	0·249	0·251	0·262	0·271	0·292	0·276	0·282	0·209
0	0·281	0·282	0·286	0·282	0·276	0·285	0·292	0·290	0·290	0·284	0·260	0·229	0·217	0·191	0·173	0·161	0·136	0·120	0·103	0·089	0·070	0·053	0·028	0·026	0·196
1	9·997	9·965	9·911	9·875	9·845	9·821	9·813	9·828	9·876	9·909	9·916	9·914	9·898	9·910	9·914	9·911	9·905	9·894	9·892	9·867	9·860	9·866	9·854	9·854	9·887
2	9·844	9·830	9·818	9·821	9·828	9·836	9·826	9·826	9·804	9·800	9·725	9·657	9·589	9·527	9·449	9·465	9·419	9·425	9·405	9·420	9·417	9·401	9·421	9·436	9·625
3	9·429	9·418	9·415	9·403	9·397	9·389	9·378	9·370	9·360	9·351	9·325	9·291	9·265	9·246	9·235	9·228	9·220	9·210	9·197	9·210	9·190	9·198	9·200	9·216	9·298
4	9·237	9·263	9·293	9·325	9·351	9·395	9·429	9·474	9·503	9·523	9·539	9·547	9·539	9·531	9·539	9·541	9·557	9·583	9·595	9·624	9·641	9·662	9·663	9·675	9·501
5	9·684	9·686	9·686	9·694	9·721	9·734	9·784	9·841	9·911	9·967	0·018	0·060	0·093	0·123	0·146	0·181	0·195	0·217	0·231	0·248	0·257	0·265	0·277	0·270	0·012
6	0·285	0·287	0·285	0·290	0·297	0·305	0·318	0·335	0·349	**0·358**	0·357	**0·358**	0·354	0·344	0·343	0·346	0·352	0·344	0·344	0·342	0·338	0·336	0·330	0·328	0·330
7	0·314	0·312	0·307	0·306	0·298	0·294	0·292	0·293	0·285	0·292	0·296	0·290	0·276	0·272	0·264	0·267	0·270	0·280	0·294	0·298	0·293	0·300	0·304	0·308	0·292
8	0·299	0·288	0·280	0·281	0·269	0·277	0·277	0·289	0·291	0·297	0·295	0·283	0·265	0·253	0·241	0·245	0·239	0·243	0·241	0·242	0·245	0·241	0·240	0·231	0·265
9	0·221	0·214	0·204	0·185	0·179	0·174	0·165	0·169	0·159	0·132	0·119	0·100	0·084	0·074	0·054	0·041	0·038	0·026	0·013	9·982	9·950	9·940	9·891	9·900	0·084
0	9·912	9·868	9·849	9·824	9·809	9·884	9·776	9·801	9·814	9·811	9·797	9·790	9·785	9·768	9·777	9·787	9·785	9·783	9·777	9·782	9·798	9·811	9·797	9·817	9·804
AN.	9·717	9·716	9·713	9·714	9·716	9·726	9·729	9·746	9·754	9·760	9·758	9·750	9·737	9·726	9·718	9·721	9·721	9·722	9·721	9·725	9·724	9·727	9·723	9·727	9·729

BAROMETER. REDUCED TO 32° AND SEA LEVEL. DECEMBER 1890.

	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	9·821	9·825	9·801	9·784	9·777	9·781	9·779	9·769	9·765	9·759	9·766	9·758	9·750	9·738	9·742	9·750	9·744	9·743	9·740	9·746	9·759	9·762	9·758	9·750	9·765
2	9·749	9·748	9·750	9·736	9·742	9·748	9·758	9·767	9·782	9·788	9·790	9·789	9·780	9·779	9·775	9·785	9·779	9·783	9·785	9·787	9·782	9·786	9·798	9·815	9·774
3	9·827	9·845	9·859	9·870	9·892	9·900	9·894	9·906	9·920	9·946	9·961	9·984	9·974	9·980	9·987	0·002	0·042	0·070	0·103	0·123	0·138	0·159	0·151	0·151	9·987
4	0·145	0·153	0·141	0·143	0·149	0·157	0·162	0·162	0·169	0·158	0·151	0·143	0·133	0·117	0·118	0·110	0·106	0·097	0·085	0·080	0·077	0·077	0·073	0·065	0·124
5	0·062	0·061	0·055	0·053	0·044	0·041	0·045	0·045	0·058	0·072	0·083	0·086	0·079	0·056	0·056	0·075	0·082	0·090	0·101	0·118	0·122	0·135	0·148	0·168	0·081
6	0·174	0·189	0·196	0·201	0·205	0·208	0·219	0·234	0·239	0·249	0·257	0·258	0·257	0·255	0·250	0·260	0·267	0·273	0·285	0·287	0·289	0·292	0·296	0·299	0·247
7	0·295	0·304	0·297	0·295	0·281	0·286	0·288	0·287	0·285	0·285	0·267	0·251	0·240	0·221	0·214	0·211	0·200	0·199	0·197	0·195	0·188	0·185	0·176	0·172	0·242
8	0·159	0·150	0·141	0·134	0·132	0·121	0·132	0·134	0·137	0·137	0·129	0·116	0·095	0·082	0·071	0·068	0·067	0·070	0·049	0·053	0·025	0·042	0·043	0·033	0·097
9	0·033	0·015	0·007	0·019	0·009	0·013	0·009	0·016	0·029	0·038	0·043	0·048	0·054	0·059	0·064	0·072	0·082	0·095	0·100	0·115	0·119	0·128	0·137	0·145	0·060
0	0·137	0·143	0·151	0·154	0·155	0·157	0·173	0·189	0·191	0·195	0·193	0·183	0·169	0·161	0·146	0·143	0·141	0·126	0·125	0·117	0·097	0·087	0·068	0·061	0·144
1	0·051	0·040	0·020	0·005	9·998	9·985	9·986	9·996	9·998	0·006	0·001	0·001	9·998	9·998	9·995	9·999	0·001	0·008	0·009	0·026	0·029	0·033	0·033	0·047	0·011
2	0·043	0·050	0·049	0·059	0·064	0·065	0·080	0·100	0·111	0·117	0·116	0·116	0·108	0·108	0·113	0·125	0·122	0·123	0·116	0·100	0·099	0·104	0·094	0·088	0·094
3	0·066	0·050	0·036	0·017	9·996	9·991	9·969	9·956	9·956	9·947	9·943	9·936	9·919	9·905	9·889	9·909	9·909	9·905	9·903	9·910	9·911	9·907	9·907	9·903	9·947
4	9·897	9·899	9·905	9·912	9·923	9·934	9·941	9·941	9·939	9·951	9·944	9·939	9·928	9·903	9·881	9·871	9·855	9·864	9·872	9·881	9·875	9·887	9·884	9·878	9·904
5	9·871	9·867	9·864	9·855	9·839	9·841	9·830	9·829	9·828	9·833	9·844	9·834	9·835	9·836	9·858	9·890	9·888	9·892	9·908	9·910	9·918	9·942	9·939	9·918	9·870
6	9·898	9·914	9·918	9·926	9·926	9·930	9·930	9·936	9·946	9·953	9·946	9·935	9·929	9·917	9·921	9·945	9·945	9·963	9·960	9·968	9·965	9·961	9·972	9·971	9·941
7	9·973	9·972	9·979	9·973	9·977	9·979	9·988	9·994	9·994	0·003	0·001	0·001	9·991	9·983	9·978	9·981	9·968	9·965	9·951	9·937	9·915	9·913	9·896	9·884	9·966
8	9·863	9·845	9·828	9·796	9·765	9·743	9·727	9·713	9·696	9·674	9·641	9·625	9·586	9·554	9·528	9·500	9·467	9·443	9·409	9·394	9·380	9·358	9·330	9·290	9·590
9	9·286	**9·255**	9·264	9·263	9·266	9·278	9·268	9·278	9·286	9·306	9·319	9·320	9·322	9·337	9·356	9·375	9·394	9·420	9·444	9·472	9·494	9·517	9·543	9·560	9·359
0	9·570	9·591	9·615	9·637	9·667	9·685	9·702	9·731	9·759	9·793	9·817	9·837	9·852	9·878	9·903	9·939	9·964	0·003	0·032	0·058	0·085	0·121	0·129	0·175	9·856
1	0·181	0·199	0·215	0·235	0·232	0·267	0·285	0·302	0·307	0·317	0·325	0·327	0·319	0·314	0·321	0·323	0·308	0·300	0·276	0·283	0·265	0·265	0·255	0·247	0·279
2	0·234	0·199	0·193	0·179	0·159	0·156	0·130	0·098	0·074	0·060	0·030	0·011	9·979	9·947	9·923	9·907	9·893	9·871	9·848	9·829	9·793	9·783	9·762	9·739	9·992
3	9·721	9·710	9·686	9·658	9·636	9·647	9·684	9·724	9·773	9·810	9·840	9·857	9·884	9·909	9·937	9·971	9·995	0·041	0·073	0·097	0·128	0·153	0·177	0·185	9·887
4	0·198	0·225	0·235	0·249	0·269	0·273	0·290	0·302	0·321	0·327	0·322	0·317	0·304	0·294	0·289	0·287	0·289	0·290	0·275	0·273	0·251	0·237	0·224	0·198	0·272
5	0·177	0·157	0·137	0·129	0·109	0·086	0·081	0·066	0·079	0·095	0·110	0·112	0·110	0·118	0·150	0·189	0·211	0·234	0·260	0·284	0·312	0·345	0·364	0·382	0·179
6	0·406	0·436	0·460	0·480	0·495	0·512	0·532	0·543	0·568	0·587	6·590	0·585	0·562	0·556	0·556	0·566	0·562	0·563	0·574	0·566	0·566	0·563	0·554	0·548	0·539
7	0·539	0·536	0·520	0·515	0·496	0·489	0·481	0·475	0·472	0·475	0·460	0·453	0·434	0·419	0·406	0·394	0·390	0·387	0·386	0·389	0·387	0·383	0·380	0·375	0·443
8	0·366	0·360	0·348	0·336	0·335	0·328	0·318	0·334	0·335	0·345	0·350	0·344	0·345	0·337	0·331	0·335	0·346	0·351	0·359	0·355	0·361	0·379	0·376	0·388	0·348
9	0·383	0·395	0·406	0·417	0·426	0·443	0·455	0·471	0·483	0·495	0·507	0·511	0·501	0·493	0·496	0·507	0·511	0·519	0·527	0·529	0·529	0·529	0·550	0·536	0·483
0	0·536	0·561	0·566	0·576	0·580	0·596	0·600	0·624	0·622	0·646	0·651	**0·656**	0·649	0·643	0·626	0·618	0·622	0·624	0·620	0·617	0·598	0·588	0·566	0·556	0·606
1	0·533	0·518	0·510	0·478	0·448	0·433	0·410	0·396	0·409	0·390	0·383	0·346	0·329	0·328	0·324	0·324	0·326	0·328	0·318	0·299	0·298	0·306	0·283	0·284	0·375
N.	0·071	0·071	0·069	0·067	0·064	0·067	0·069	0·075	0·082	0·089	0·090	0·087	0·078	0·072	0·071	0·078	0·080	0·085	0·084	0·090	0·089	0·096	0·092	0·091	0·079

TEMPERATURE. DRY AND WET BULBS. AUGUST 1890.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	38·8	38·8	38·9	38·9	38·2	38·2	38·9	38·9	38·8	38·8	39·0	39·0	39·6	39·6	40·0	40·0	40·2	40·2	41·7	41·7	42·0	42·0	43·7	43·7	45·7	38·2
2	39·9	39·9	39·8	39·8	39·4	39·4	39·2	39·2	39·2	39·2	38·9	38·9	38·3	38·3	39·3	39·2	40·2	40·0	41·2	40·3	41·2	40·9	42·4	42·0	44·8	38·3
3	42·0	34·3	41·8	33·9	40·0	33·9	41·7	33·9	42·3	34·2	42·2	34·1	43·2	35·1	40·3	37·0	40·4	37·4	40·9	40·9	42·3	42·3	43·0	43·0	46·0	40·0
4	46·1	46·1	46·1	46·1	46·2	46·2	46·2	46·2	46·8	46·8	46·9	46·9	47·0	47·0	47·0	47·0	47·1	47·1	47·7	47·7	48·0	48·0	48·2	48·2	50·0	46·1
5	47·4	47·4	47·4	47·4	47·2	47·2	47·1	47·1	47·1	47·1	47·0	47·0	47·4	47·4	48·0	48·0	48·3	48·3	48·6	48·6	48·5	48·5	48·8	48·8	49·1	40·8
6	40·0	40·0	39·1	39·1	38·1	38·1	36·8	36·8	35·9	35·9	36·1	36·1	36·5	36·5	37·0	37·0	38·1	38·1	38·3	38·4	40·0	40·0	40·0	40·0	40·9	35·9
7	39·2	38·9	39·3	39·4	39·9	39·9	39·0	39·0	38·6	38·6	38·3	38·3	39·0	39·0	39·0	39·0	39·2	39·2	41·6	41·3	43·1	42·4	44·0	43·0	47·5	38·3
8	42·3	41·7	41·9	41·1	41·2	40·4	41·0	40·0	41·4	40·0	42·1	41·1	44·8	43·4	46·6	44·7	48·0	45·3	48·0	45·0	49·1	46·0	52·1	48·0	53·6	41·0
9	46·2	43·0	46·2	42·7	46·3	42·9	45·7	43·1	47·1	39·3	47·2	39·3	48·3	44·2	52·0	42·5	52·0	44·4	51·2	45·0	52·6	47·1	52·7	47·9	53·7	42·2
10	43·1	43·1	43·2	43·2	42·1	42·1	41·2	41·3	41·5	41·5	41·1	41·1	41·4	41·5	42·7	42·7	43·0	43·0	44·0	44·0	44·4	44·4	45·0	45·0	46·6	38·9
11	39·0	36·9	39·0	36·6	39·7	38·7	39·9	38·8	41·1	39·3	40·2	40·0	41·1	40·0	42·6	40·0	44·1	42·1	45·3	43·2	45·5	44·1	46·0	44·7	47·3	39·0
12	43·5	43·0	43·0	42·8	43·0	43·0	42·5	42·5	43·0	43·0	42·6	42·6	42·7	42·7	41·0	41·0	41·1	41·1	41·9	41·8	41·1	41·1	40·0	40·0	43·5	38·0
13	38·8	37·3	38·0	37·2	38·0	37·3	39·2	38·2	39·0	39·0	39·2	39·2	39·0	39·0	38·6	38·8	38·3	38·4	39·0	38·3	39·3	38·7	42·1	39·0	45·2	38·0
14	39·2	39·2	39·2	39·2	38·5	38·5	38·0	38·0	37·2	37·2	37·1	37·1	37·3	37·3	37·0	37·0	39·1	39·1	40·8	40·8	41·9	41·9	41·9	41·9	41·9	37·0
15	37·2	37·2	37·7	37·8	37·2	37·2	37·3	37·3	37·1	37·2	37·3	37·3	37·2	37·3	37·7	37·7	38·8	38·9	39·3	39·3	41·3	41·3	42·0	41·8	42·0	36·0
16	36·0	36·0	35·3	35·3	34·8	34·8	34·5	34·5	34·3	34·3	34·0	34·0	34·2	34·2	35·0	35·0	35·3	35·3	35·2	35·2	36·0	36·0	35·2	35·2	39·4	34·0
17	38·9	38·9	38·9	38·9	38·8	38·8	38·8	38·8	38·3	38·4	38·9	38·9	39·2	39·2	39·0	39·0	38·8	38·8	38·5	38·5	38·3	38·3	37·7	37·7	39·9	37·0
18	37·0	37·0	37·0	37·0	37·0	37·0	37·0	37·0	37·0	37·0	36·4	36·4	36·9	36·9	36·8	36·8	36·3	36·3	36·2	36·3	36·9	36·9	37·7	37·7	39·4	35·3
19	35·0	35·0	35·0	35·0	34·3	34·1	35·0	34·9	34·7	34·4	34·7	34·5	35·3	35·2	36·6	36·6	36·8	36·6	37·6	37·1	38·0	37·3	40·0	38·9	40·0	34·3
20	36·6	36·6	37·3	37·3	38·5	38·5	39·0	39·1	38·7	38·7	38·8	38·8	39·7	39·7	40·6	40·6	41·3	41·3	41·6	41·6	41·7	41·7	41·0	41·0	41·7	36·0
21	41·0	41·0	40·1	40·1	39·9	39·9	39·1	39·1	39·8	39·8	40·2	40·2	40·0	40·0	38·7	38·7	40·0	40·0	41·0	41·0	41·4	41·5	40·1	40·1	41·4	32·0
22	32·0	32·0	32·4	32·4	33·1	33·1	33·0	33·0	32·1	32·1	32·6	32·7	33·0	33·0	33·7	33·7	33·3	33·3	33·9	33·9	34·2	34·2	35·0	35·0	35·3	32·0
23	33·3	33·3	32·1	32·1	32·0	32·0	32·2	32·2	32·0	32·0	32·0	32·0	31·8	31·9	32·0	32·0	32·9	32·9	33·4	33·4	34·2	34·2	35·2	35·2	35·2	31·7
24	31·4	31·6	31·2	31·3	31·0	31·0	31·1	31·1	31·2	31·2	31·7	31·7	31·8	31·8	31·9	31·9	33·0	32·0	33·9	33·2	34·2	34·2	34·9	34·9	36·8	31·0
25	34·5	34·5	34·0	34·0	33·9	33·8	33·2	32·9	34·0	34·0	33·9	33·5	33·6	32·8	33·9	33·1	35·0	34·5	35·2	35·2	36·5	36·5	36·7	36·7	37·3	32·5
26	32·2	32·3	32·1	32·1	32·2	32·2	32·0	32·0	32·0	32·0	32·3	32·3	32·3	32·3	32·8	32·8	34·1	34·1	34·4	34·4	35·2	35·2	35·4	35·4	37·1	32·0
27	32·8	32·8	31·8	31·9	31·9	31·9	32·0	32·0	32·8	32·6	34·0	33·9	34·4	34·4	34·8	34·8	35·4	35·4	36·0	36·0	36·3	36·3	36·7	36·7	37·3	31·8
28	34·1	34·1	34·5	34·5	34·9	35·0	35·0	35·0	34·8	34·8	34·5	34·5	34·3	34·3	34·0	34·0	33·9	33·9	33·8	33·8	32·3	32·3	33·2	33·2	35·0	28·0
29	30·0	30·0	30·4	30·4	29·8	29·8	27·9	27·8	28·7	28·0	29·2	28·9	29·8	29·8	31·8	31·8	31·3	31·3	31·9	31·9	32·8	32·0	33·9	33·0	35·4	27·9
30	30·5	30·7	29·9	29·9	30·0	30·0	29·9	29·9	28·9	29·0	28·0	28·0	28·0	28·0	27·7	27·7	28·0	28·0	29·0	29·0	30·5	30·0	31·9	31·0	33·7	27·7
31	29·2	29·2	28·9	28·9	29·0	29·0	28·9	29·0	28·3	28·3	28·1	28·1	27·9	27·5	29·0	28·7	31·0	28·8	32·5	32·0	33·9	32·8	34·7	34·1	37·1	27·9
MEAN.	37·7	37·2	37·5	37·0	37·3	36·9	37·2	36·7	37·2	36·6	37·2	36·7	37·6	37·1	38·0	37·4	38·5	37·9	39·1	38·7	39·8	39·3	40·4	39·8	41·9	35·4

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	43·1	43·0	44·9	43·3	45·0	42·8	45·7	43·7	43·3	43·2	44·0	41·0	42·9	42·0	42·7	42·7	41·6	41·6	41·2	40·9	41·0	40·3	40·3	40·1	41·5	41·0
2	42·5	42·0	42·8	42·3	42·6	42·4	42·0	41·8	41·9	41·8	42·0	42·0	41·8	41·7	42·3	39·6	43·0	38·3	43·9	38·8	44·8	39·0	43·0	37·0	41·3	40·2
3	43·0	43·0	43·0	43·0	43·0	43·0	43·0	43·0	43·3	43·3	44·0	44·0	44·3	44·3	44·9	44·9	45·2	45·2	45·7	45·7	45·9	45·9	46·0	46·0	43·0	40·5
4	48·5	48·5	49·0	49·0	49·7	49·7	50·0	50·0	49·2	49·2	48·6	48·6	48·0	48·0	47·4	47·4	47·1	47·1	47·0	47·0	47·0	47·0	46·8	46·8	47·6	47·6
5	49·1	49·1	48·9	48·9	48·4	48·4	47·7	47·7	47·3	47·3	48·0	48·0	47·0	47·0	44·9	44·9	43·3	43·3	42·6	42·6	41·7	41·7	40·8	40·8	46·8	46·8
6	40·9	40·9	40·7	40·8	40·4	40·4	40·0	40·0	40·0	40·0	40·0	40·0	39·7	39·7	39·3	39·3	39·9	39·5	39·4	39·2	39·3	39·1	39·3	39·1	39·0	38·9
7	44·6	43·5	45·3	44·2	47·5	45·0	46·4	45·0	46·3	44·9	46·3	44·8	45·4	44·3	44·2	43·8	44·1	43·9	43·8	43·7	43·0	42·8	42·4	41·9	42·5	41·9
8	52·3	48·0	52·2	48·7	53·6	50·0	52·9	48·6	52·2	48·9	51·2	48·9	49·9	48·1	47·9	46·9	46·8	46·7	47·0	46·2	46·2	44·3	45·7	42·0	47·4	45·2
9	53·7	49·2	51·8	49·6	51·0	49·3	48·9	47·9	46·5	45·8	44·2	43·6	42·5	42·0	42·2	42·0	42·2	42·1	42·8	42·8	42·3	42·3	42·7	42·7	47·4	44·2
10	44·5	43·5	46·6	42·7	45·1	42·9	45·3	43·3	45·2	43·3	44·0	42·8	42·2	41·3	40·7	39·2	40·0	38·9	40·0	38·2	39·8	37·5	38·9	37·1	42·7	41·8
11	47·1	46·0	47·3	46·7	46·4	46·2	45·5	45·5	45·3	45·3	45·7	45·7	45·2	45·2	45·2	45·2	45·0	45·0	44·9	44·9	44·0	44·0	43·5	43·5	43·7	42·8
12	41·1	41·1	41·3	41·3	41·0	41·0	40·1	40·2	39·2	39·2	40·1	40·1	39·0	39·0	39·7	39·7	39·3	39·3	38·0	38·0	38·6	38·6	38·4	38·0	40·9	40·8
13	44·0	42·8	45·2	43·9	45·0	44·0	44·0	43·0	44·3	43·5	45·2	44·5	42·5	42·2	42·0	42·0	41·5	41·5	41·0	41·0	40·8	40·8	40·0	40·0	41·0	40·4
14	41·4	41·4	41·0	41·0	40·2	40·3	39·5	39·5	39·1	39·1	39·0	39·0	38·2	38·2	37·1	37·1	37·0	37·0	37·0	37·0	37·0	37·0	37·0	37·0	38·8	38·8
15	40·8	40·8	38·3	38·3	38·3	38·3	37·2	37·2	37·0	37·0	36·2	36·2	36·2	36·3	36·3	36·3	36·0	36·0	36·0	36·0	36·0	36·0	36·0	36·0	37·7	37·7
16	36·2	36·2	37·0	37·0	37·9	37·9	38·5	38·5	38·5	38·5	38·9	38·9	39·4	39·4	38·9	38·9	38·8	38·8	39·0	39·0	39·0	39·0	38·7	38·7	36·7	36·7
17	37·4	37·4	38·3	38·3	39·0	39·0	39·9	39·9	39·2	39·2	38·8	38·8	37·9	37·9	37·0	37·0	37·0	37·0	37·1	37·1	37·0	37·0	37·0	37·0	38·3	38·3
18	37·6	37·6	39·0	39·0	39·0	39·1	38·6	38·6	39·4	39·4	38·5	38·5	38·2	38·2	37·0	37·0	37·0	37·0	36·0	36·0	36·0	36·0	35·3	35·3	37·2	37·2
19	39·0	38·3	39·8	38·8	39·4	38·8	38·1	37·8	37·8	37·6	37·2	37·2	36·2	36·2	36·0	36·0	35·5	35·5	35·5	35·5	35·9	35·9	35·3	35·3	36·6	36·4
20	39·4	39·4	38·7	38·7	38·9	38·9	38·1	38·1	37·9	37·9	37·8	37·8	36·2	36·2	36·3	36·3	36·0	36·0	38·8	38·8	40·0	40·0	41·4	41·4	38·9	38·9
21	40·5	40·5	39·5	39·5	37·4	37·4	36·7	36·7	35·0	35·0	34·0	34·0	33·2	33·2	34·0	34·0	32·7	32·7	32·2	32·4	32·0	32·0	32·0	32·0	37·1	37·1
22	33·5	33·5	34·7	34·7	34·7	34·7	35·1	35·1	35·3	35·4	34·9	34·9	33·8	33·8	34·6	34·6	34·5	34·5	34·2	34·2	34·0	34·0	34·0	34·0	33·8	33·8
23	33·9	33·9	34·8	34·8	34·7	34·7	33·6	33·6	33·2	33·2	32·7	32·7	32·7	32·7	32·0	32·0	32·0	32·0	31·7	32·0	31·9	32·0	31·8	31·9	32·8	32·9
24	35·9	35·9	36·2	36·2	36·0	36·0	36·2	36·2	36·6	36·6	36·6	36·6	36·5	36·5	36·8	36·8	36·1	36·1	36·0	36·0	35·2	35·2	35·0	35·0	34·2	34·1
25	36·9	36·9	36·4	36·4	36·8	36·8	37·3	37·3	35·3	35·3	35·2	35·2	35·4	35·4	35·0	35·0	34·5	34·5	34·1	34·1	33·0	33·0	32·5	32·5	34·9	34·7
26	36·0	36·0	37·1	37·1	35·9	35·9	36·0	36·0	34·6	34·7	35·0	35·0	34·0	34·0	34·1	34·1	33·1	33·1	33·2	33·2	33·3	33·3	33·8	33·8	33·9	33·9
27	36·7	36·7	36·9	36·9	37·0	36·8	37·3	37·0	37·3	37·0	36·0	36·0	35·1	35·1	34·9	34·9	34·6	34·6	34·7	34·7	34·7	34·7	34·5	34·5	34·9	34·9
28	32·3	32·3	31·7	31·7	31·9	31·9	31·5	31·5	31·9	31·9	31·7	31·7	31·0	31·0	30·0	30·0	29·6	29·7	29·8	29·8	29·0	29·0	28·0	27·8	32·4	32·4
29	34·9	34·9	35·4	35·4	34·9	34·9	33·9	33·9	34·1	34·1	33·3	33·3	32·8	32·8	32·1	32·1	32·0	32·0	31·8	32·0	31·9	32·0	31·7	31·7	31·9	31·8
30	32·0	31·0	33·0	32·0	33·7	32·2	33·1	32·8	33·4	33·0	32·2	32·2	32·0	32·0	31·3	32·0	31·2	31·9	30·7	30·7	30·2	30·2	29·9	29·9	30·6	30·5
31	35·9	34·9	37·1	35·2	36·8	34·9	35·0	34·5	34·2	33·9	35·9	31·7	34·8	30·0	33·7	32·0	33·2	33·2	33·9	33·9	34·1	34·1	34·0	34·0	32·5	31·6
MEAN.	40·5	39·9	40·8	40·2	40·7	40·1	40·2	39·8	39·8	39·5	39·6	39·2	38·8	38·5	38·4	38·2	38·1	37·9	38·0	37·8	37·9	37·5	37·6	37·2	38·6	38·2

TEMPERATURE. DRY AND WET BULBS. AUGUST 1890.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	54·2	52·7	54·9	52·8	54·5	52·3	53·9	52·0	54·4	52·4	54·8	52·7	55·1	53·1	56·0	54·0	56·9	54·8	59·2	56·3	61·8	58·1	62·0	57·5	64·7	52·7
2	51·8	49·9	51·6	49·8	51·7	49·9	50·3	48·9	50·9	49·1	51·9	50·5	52·8	50·9	54·9	52·8	56·3	53·9	59·7	56·1	60·0	56·0	63·0	57·7	64·2	50·3
3	54·7	51·8	54·9	51·7	54·3	51·3	54·4	51·9	54·0	51·9	55·0	52·8	55·8	53·7	56·4	53·9	57·0	54·7	57·8	54·7	57·3	54·9	57·9	55·5	59·2	53·9
4	57·4	57·0	57·3	56·9	57·5	57·1	57·1	56·8	56·9	56·5	57·0	56·7	57·2	56·9	57·8	57·2	59·2	58·7	[59·7]	59·9	60·3	59·7	61·3	60·2	61·3	56·8
5	57·8	57·3	57·4	56·9	57·3	56·7	57·2	56·8	57·2	56·9	57·9	57·3	58·8	57·8	58·6	58·0	58·8	58·2	59·2	58·8	59·6	59·1	60·9	60·1	61·6	55·8
6	55·8	54·0	55·6	53·4	55·3	53·1	55·0	52·8	54·6	52·5	55·0	53·2	55·8	53·1	56·7	54·0	57·5	54·9	57·9	54·9	57·6	53·9	58·5	54·0	59·7	54·0
7	54·0	52·4	53·1	51·7	53·0	51·4	53·3	51·9	52·9	51·3	53·2	51·8	54·0	52·8	55·1	53·2	57·0	54·7	58·8	55·0	61·6	55·1	62·2	55·0	67·3	52·8
8	53·5	50·8	52·0	50·0	52·1	50·1	51·8	49·9	51·7	50·0	51·8	50·0	53·3	51·2	56·1	53·3	59·2	55·6	60·1	56·6	62·3	58·3	64·8	59·0	70·0	51·3
9	57·0	54·9	56·9	54·6	55·8	53·2	54·5	52·0	54·1	51·6	55·0	52·8	56·0	53·5	58·2	54·9	62·1	57·0	64·0	57·5	64·8	59·1	66·1	59·9	70·2	53·9
10	59·2	55·2	59·4	55·8	61·1	56·3	60·2	55·5	59·2	55·1	62·4	55·3	63·6	56·9	65·5	58·2	65·9	[56·1]	68·0	58·2	67·8	58·3	68·6	59·2	**71·2**	55·7
11	54·9	49·5	55·9	50·0	55·7	50·7	54·9	50·7	56·1	50·6	56·2	51·6	56·7	52·1	58·0	53·1	59·0	54·5	61·9	56·4	66·8	58·0	67·6	58·1	68·7	54·1
12	57·8	56·0	56·8	55·0	56·3	54·4	55·9	54·0	54·9	53·7	55·0	54·0	54·7	53·6	55·0	54·0	56·5	54·8	57·1	55·1	58·1	56·2	58·6	57·0	60·0	53·1
13	53·1	50·9	54·0	51·2	53·8	51·3	53·7	51·6	53·6	51·2	54·8	52·7	55·5	53·1	56·6	53·2	57·0	53·2	58·3	53·5	59·2	53·9	60·3	54·5	67·8	53·0
14	55·1	52·3	53·9	51·2	54·7	52·2	54·5	52·1	53·9	51·4	54·4	52·0	55·6	52·1	55·9	52·0	55·2	52·8	55·5	53·4	56·8	54·0	58·0	54·7	61·1	52·8
15	52·9	50·2	52·1	50·3	51·9	50·5	52·1	50·4	51·9	50·2	51·7	50·1	53·3	51·0	53·6	51·6	53·9	51·9	55·6	53·2	56·9	54·4	58·0	53·9	58·1	51·2
16	51·7	50·2	51·3	49·2	51·0	49·0	50·5	48·4	51·1	48·1	51·9	48·0	52·2	48·3	52·6	50·0	54·0	50·9	55·2	51·4	55·0	50·9	54·2	51·3	56·0	50·5
17	53·9	52·9	54·2	52·7	53·7	52·3	53·3	52·5	53·2	52·2	53·8	52·8	54·6	53·7	55·1	53·9	55·2	53·3	55·1	53·2	56·0	53·0	56·0	52·5	61·4	51·9
18	53·1	51·0	52·8	50·7	53·0	50·8	52·8	50·9	52·3	50·8	52·9	52·7	53·9	52·0	54·7	52·1	55·7	51·4	56·6	51·7	57·6	53·3	56·7	51·8	59·0	51·7
19	52·6	49·0	51·7	48·3	50·0	47·8	48·2	46·0	46·1	44·0	45·9	44·0	45·9	43·6	49·8	47·0	52·2	[48·8]	[54·3]	[50·1]	55·3	51·0	57·1	51·9	61·0	44·2
20	53·2	50·6	52·8	50·8	52·1	51·2	52·3	51·4	53·9	52·6	54·1	53·0	54·4	53·6	55·3	54·7	56·6	55·6	57·4	56·1	59·0	57·0	59·7	54·2	63·3	52·0
21	52·7	51·1	53·0	51·4	53·3	52·0	53·9	52·3	54·1	52·8	53·9	53·9	54·2	53·0	54·1	51·3	53·9	52·9	54·9	54·0	56·2	55·2	56·1	54·8	59·0	48·3
22	49·0	46·3	50·4	47·0	50·0	47·8	50·0	47·2	48·9	46·0	49·5	47·1	49·7	47·4	50·9	49·0	52·1	48·8	52·4	49·2	54·9	50·0	54·8	50·2	57·2	48·3
23	50·2	48·4	50·0	47·8	49·2	47·3	48·3	46·4	48·0	46·0	48·0	46·0	49·0	47·3	50·9	48·6	52·3	50·0	52·3	50·2	54·1	51·1	54·5	51·0	58·3	47·2
24	49·6	44·0	46·6	44·0	47·0	44·5	48·9	45·5	47·3	44·9	48·4	46·0	49·2	47·0	50·9	48·0	52·4	49·1	53·8	50·1	54·2	50·2	55·2	50·5	58·1	46·0
25	50·0	47·9	49·9	47·6	49·8	47·3	49·4	47·9	50·1	48·0	50·1	48·2	50·2	48·6	51·0	49·6	54·0	51·5	55·7	52·4	55·9	52·3	57·0	53·0	57·3	48·2
26	51·0	46·4	50·8	46·7	49·2	46·7	50·0	46·3	49·7	46·8	49·2	46·9	49·3	48·2	50·0	48·5	51·3	49·7	51·8	49·8	52·3	50·0	54·6	50·6	58·0	48·2
27	49·3	48·1	49·6	48·2	49·2	48·0	49·2	47·9	48·8	47·8	48·9	47·7	48·9	48·0	49·9	48·9	50·9	49·6	51·7	50·4	53·9	51·6	56·2	52·8	61·6	48·0
28	50·4	48·1	50·7	48·0	51·3	48·4	50·6	48·3	50·8	48·6	50·2	49·2	51·1	49·5	52·8	48·4	53·2	48·1	53·8	48·5	54·0	48·0	53·7	48·1	56·1	46·7
29	46·0	43·8	43·3	41·2	41·9	40·0	39·9	38·0	38·6	36·9	37·9	36·4	41·0	39·0	43·9	41·6	47·9	45·0	50·4	46·9	54·9	49·1	54·6	49·0	55·2	**36·4**
30	45·7	42·8	45·6	42·9	46·0	43·1	46·2	43·4	46·5	43·3	46·9	43·0	48·0	43·4	49·4	44·9	52·1	45·0	52·2	45·0	52·6	45·8	54·1	46·3	56·8	43·9
31	43·9	41·4	43·1	40·6	41·3	39·1	41·2	39·0	40·3	38·6	39·1	37·2	40·9	38·8	44·4	42·0	48·8	44·5	49·6	45·3	51·6	45·5	52·4	45·9	57·1	38·4
MEAN.	52·5	50·3	52·3	49·9	52·0	49·9	51·7	49·6	51·5	49·4	51·8	49·8	52·6	50·4	53·6	51·4	55·3	52·2	56·5	53·0	57·7	53·6	58·5	53·9	61·3	50·0

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	63·9	57·4	62·5	56·9	64·7	58·7	61·1	57·0	59·8	56·0	60·0	56·6	62·3	57·8	59·8	56·0	57·7	54·1	55·7	52·3	53·9	50·9	52·7	50·5	58·0	54·7
2	62·6	57·0	63·3	56·0	63·2	55·9	62·9	55·8	63·0	56·0	63·1	55·7	60·1	54·6	59·0	54·8	56·9	53·0	55·0	51·9	53·3	50·7	54·1	51·2	57·2	53·3
3	58·1	55·8	57·5	55·6	58·4	56·0	58·3	56·8	58·7	56·5	57·8	56·2	56·8	56·0	57·1	56·3	57·0	56·3	57·4	56·8	57·6	56·9	57·6	57·0	56·7	54·8
4	59·7	59·1	58·2	57·9	60·9	60·1	59·9	59·2	60·9	60·2	59·8	59·1	59·5	59·0	58·3	57·9	58·8	57·8	58·2	57·9	57·3	57·1	58·0	57·7	58·7	58·2
5	60·7	59·9	60·3	59·7	60·9	60·0	60·0	59·1	59·1	58·2	59·1	58·3	58·5	58·0	58·1	56·2	57·3	55·0	56·8	54·8	55·9	54·0	57·0	54·0	58·5	57·5
6	59·1	54·8	59·1	55·4	59·0	55·0	59·2	54·9	58·4	54·2	58·1	54·8	57·3	54·3	56·8	53·9	56·0	53·0	55·2	52·6	55·0	52·9	54·0	52·6	56·8	53·8
7	63·5	56·7	65·1	57·0	66·1	57·8	66·8	58·4	67·2	59·0	66·4	59·5	64·4	58·9	61·6	56·8	59·3	55·5	58·9	55·1	56·9	54·2	55·0	52·1	59·2	54·9
8	67·5	59·5	67·8	60·0	67·7	61·1	69·7	62·9	67·9	62·2	66·0	61·0	64·7	60·3	63·2	59·0	60·7	57·4	58·8	56·0	57·9	55·7	57·0	54·9	59·9	56·0
9	68·1	59·0	68·8	61·5	68·8	62·0	69·3	[60·8]	67·2	[59·7]	65·0	[58·0]	62·3	[55·8]	61·9	[53·1]	61·2	[54·9]	59·7	[53·9]	59·1	54·8	58·7	54·9	61·5	56·6
10	67·2	57·8	68·1	58·2	69·0	57·2	70·0	59·0	68·3	62·0	68·0	63·4	65·5	61·0	63·0	55·0	60·0	[51·8]	58·3	51·3	56·7	50·4	56·0	49·9	63·8	56·5
11	68·2	59·1	65·2	58·3	64·0	58·2	62·1	57·9	62·2	57·7	61·7	57·6	62·1	57·9	61·4	57·3	60·8	57·1	60·0	57·1	59·0	56·7	58·0	56·4	60·4	55·3
12	59·4	57·5	59·4	57·3	59·5	56·9	58·6	55·3	58·0	54·8	57·7	54·1	57·3	54·8	56·3	54·0	55·6	54·0	55·2	58·3	54·7	53·1	53·1	51·7	56·7	54·8
13	62·5	54·6	63·7	55·8	65·7	56·8	66·0	57·0	67·0	58·2	64·0	58·0	61·3	55·4	58·8	55·0	57·9	54·1	56·7	53·2	56·9	53·2	56·0	52·4	58·6	53·9
14	58·0	55·8	59·0	55·6	59·0	55·4	56·5	53·5	56·1	53·4	54·9	52·3	54·9	52·9	53·8	51·0	53·1	51·0	53·5	51·0	53·0	50·3	53·3	51·0	55·4	52·6
15	55·7	52·3	54·8	52·1	53·7	51·9	53·0	51·1	53·1	50·9	53·0	50·7	52·8	50·6	52·2	50·3	51·7	50·0	52·0	49·9	51·8	50·4	51·9	50·0	53·3	51·2
16	52·9	51·1	53·2	51·9	54·9	52·4	55·0	52·9	55·6	53·4	55·6	53·1	55·3	53·0	54·9	52·1	54·7	53·0	54·4	53·1	54·0	53·0	54·7	52·8	53·6	51·1
17	57·9	53·0	57·9	54·3	58·2	54·3	59·1	56·4	58·4	55·1	57·9	53·9	56·6	51·9	55·8	51·0	55·0	51·4	53·9	50·3	52·8	50·9	52·7	51·1	55·4	52·9
18	58·6	52·2	57·7	52·9	57·7	53·5	57·6	54·0	56·2	53·4	56·7	52·9	55·6	51·9	55·0	51·3	53·6	51·0	53·1	50·3	53·0	49·7	52·8	49·1	55·0	51·7
19	59·0	52·5	60·9	52·7	59·7	53·0	58·3	52·2	58·7	53·1	57·4	51·7	54·8	51·1	54·5	50·3	54·2	51·1	52·8	49·6	53·1	50·1	52·9	50·7	53·6	49·6
20	60·0	54·1	60·2	53·1	62·4	54·9	62·9	54·3	61·8	53·7	60·4	53·2	57·2	51·1	55·3	50·7	54·5	50·4	53·1	50·1	53·9	50·1	52·2	50·8	56·4	52·8
21	58·3	55·3	57·0	53·2	55·7	51·5	58·2	52·9	56·4	50·9	53·9	50·9	51·0	47·4	52·7	49·0	49·0	46·8	49·6	47·0	48·7	46·1	49·0	46·9	53·7	51·3
22	54·1	51·0	53·5	50·4	54·0	50·4	56·0	52·1	54·3	51·2	53·0	49·9	51·9	48·4	51·0	48·1	50·6	49·1	51·0	49·1	51·1	49·4	50·6	49·0	51·8	48·9
23	53·9	49·2	56·2	50·3	57·1	50·2	54·4	48·3	57·8	50·9	55·7	50·2	53·9	48·1	52·4	48·2	50·9	47·2	48·2	45·0	48·0	45·0	47·2	44·2	51·8	48·2
24	57·8	52·2	55·1	51·4	56·5	51·6	56·0	51·7	56·1	52·3	56·1	52·5	53·5	51·2	53·3	51·3	53·0	51·2	52·8	50·3	52·4	50·1	51·2	49·0	52·3	49·1
25	55·0	52·3	56·2	52·2	57·0	51·8	53·5	51·4	53·7	51·6	53·1	51·1	52·5	50·4	50·0	48·0	49·0	47·5	48·9	47·5	49·2	47·7	49·0	47·4	52·1	49·7
26	55·0	51·0	56·4	51·0	58·3	52·2	54·9	50·7	54·3	51·3	52·9	50·1	52·0	49·1	51·0	48·6	49·2	47·0	48·9	47·1	49·3	47·5	49·1	47·8	51·7	48·8
27	58·3	52·4	59·8	53·2	60·7	53·0	59·7	51·2	58·7	51·7	55·3	50·3	52·3	49·1	52·6	49·0	51·4	48·3	50·0	47·3	50·3	48·0	50·3	48·0	52·7	49·6
28	56·0	48·2	53·4	45·6	56·1	49·1	56·0	49·2	55·0	48·1	52·9	47·0	51·2	46·3	50·2	45·7	50·2	45·4	48·0	44·1	46·9	43·1	45·3	42·2	51·8	47·3
29	55·2	49·8	54·3	49·7	55·3	49·9	55·9	49·9	55·1	49·9	53·5	48·7	51·4	47·7	50·1	47·4	49·3	46·5	48·6	46·0	48·1	45·4	47·2	44·4	48·5	45·1
30	55·0	47·2	55·5	47·3	56·6	47·9	54·5	48·4	52·4	47·4	52·4	47·0	51·3	46·7	49·6	46·2	47·7	44·9	47·3	45·0	47·0	44·3	44·8	42·3	50·0	45·1
31	54·0	47·0	55·6	48·8	55·9	49·7	56·2	50·2	54·0	48·8	53·0	47·2	51·6	46·5	50·9	46·6	50·6	46·9	51·4	47·7	50·8	48·1	50·7	48·0	48·8	44·7
MEAN.	59·2	54·0	59·2	54·0	59·9	54·5	59·4	54·3	58·9	54·3	57·9	53·7	56·5	52·8	55·7	52·3	54·4	51·4	53·7	50·9	53·1	50·6	52·6	50·3	55·3	51·9

TEMPERATURE. DRY AND WET BULBS. SEPTEMBER 1890.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	34·0	34·0	34·4	34·4	34·8	34·8	35·0	35·0	34·9	34·9	34·5	34·5	35·0	35·0	35·3	35·3	37·0	37·0	37·5	37·5	38·0	38·0	38·9	38·9	44·1	34·0
2	43·2	43·2	44·0	44·0	44·1	44·1	44·4	44·4	44·4	44·4	44·5	44·5	44·7	44·7	45·0	45·0	44·0	44·0	43·9	43·9	43·3	43·3	43·5	43·5	45·0	39·9
3	45·6	45·6	45·8	45·8	45·8	45·7	45·9	45·9	46·1	46·1	46·1	46·1	46·4	46·4	45·8	45·8	46·7	46·7	47·0	47·0	47·5	47·5	47·8	47·8	47·8	45·6
4	45·0	45·0	43·3	43·3	42·8	42·8	42·4	42·4	42·0	42·0	41·2	41·2	40·9	40·9	42·0	42·0	42·0	42·0	43·0	43·0	44·1	44·1	44·8	44·8	45·0	38·0
5	37·1	37·1	39·9	39·3	42·8	38·1	40·0	39·2	37·7	37·7	38·0	38·0	39·4	38·8	41·0	38·3	45·3	37·7	48·3	40·0	46·4	42·0	47·0	43·8	48·3	37·1
6	43·2	43·2	38·5	38·1	39·1	39·1	36·0	35·9	36·3	32·3	37·0	32·0	36·9	33·1	38·0	32·0	41·3	32·9	41·0	33·8	43·9	33·1	44·2	35·8	52·0	36·0
7	49·1	44·6	49·3	43·3	50·2	41·2	49·7	48·6	48·8	48·1	49·2	48·5	50·0	49·0	50·9	49·6	52·9	50·2	53·9	49·1	57·5	47·4	57·9	47·3	58·9	48·6
8	48·6	48·6	49·0	49·0	49·0	49·0	48·0	48·0	47·2	47·2	46·9	46·9	47·1	47·1	47·5	47·5	47·5	47·5	47·0	47·0	46·5	46·2	47·1	47·1	51·8	46·2
9	46·2	46·2	46·5	46·5	46·5	46·5	46·2	46·2	46·0	46·0	45·2	45·2	43·2	43·2	41·8	41·8	39·9	39·9	38·8	38·8	39·9	39·9	39·2	39·2	46·5	33·8
10	34·4	34·4	34·6	34·6	34·4	34·4	35·0	35·0	35·0	35·0	34·8	34·8	34·6	34·6	34·9	34·9	35·6	35·6	35·0	35·0	36·5	36·5	36·9	36·9	39·8	34·4
11	40·2	40·2	41·7	41·7	42·1	42·1	42·0	42·0	41·2	41·2	41·0	41·0	39·0	39·0	38·1	38·1	37·5	37·5	37·2	37·2	38·0	38·0	38·3	38·3	42·1	37·2
12	40·0	40·0	39·7	39·7	39·4	39·4	39·3	39·3	39·0	39·0	41·0	39·6	39·3	39·3	39·8	39·8	41·8	40·3	41·8	41·0	44·9	41·9	46·0	43·0	50·0	39·0
13	47·3	39·0	47·1	39·2	47·0	39·1	47·8	39·8	47·0	39·3	47·8	39·2	48·2	39·9	49·5	40·4	50·6	40·8	50·5	43·8	51·7	45·6	51·9	46·2	54·0	44·1
14	44·3	44·3	44·8	44·8	44·0	44·0	44·5	44·0	44·0	44·0	44·0	44·0	45·2	45·2	45·2	45·2	45·0	45·0	45·5	45·5	45·9	45·9	47·3	46·5	50·0	44·0
15	45·7	42·5	45·3	42·5	42·7	42·3	42·5	42·5	42·8	42·8	42·2	42·2	42·0	42·0	41·9	41·9	42·6	42·6	44·0	41·9	47·0	41·5	49·8	45·2	50·0	41·9
16	43·3	41·3	43·0	41·0	42·3	40·9	42·1	40·5	42·0	41·0	41·0	40·2	41·6	43·5	42·8	42·4	45·1	41·4	46·8	42·6	47·1	43·6	48·0	44·0	48·3	41·0
17	45·1	45·1	44·1	44·1	43·7	43·7	43·4	43·4	42·8	41·9	42·5	42·5	42·0	42·0	42·0	42·0	41·8	41·8	42·4	42·4	43·0	43·0	43·3	43·3	45·1	41·8
18	43·0	43·0	43·5	43·5	43·5	43·5	43·1	43·1	43·0	43·0	43·0	43·0	43·2	43·2	43·1	43·1	43·4	43·4	43·4	43·4	43·2	43·2	43·5	43·5	43·5	39·0
19	40·1	40·1	40·0	40·0	38·6	38·6	38·9	38·9	39·0	39·0	38·5	38·5	38·4	38·4	39·9	39·9	40·6	40·6	41·9	41·0	41·8	41·2	41·4	41·4	43·3	38·4
20	40·7	40·7	41·1	41·1	40·3	40·3	40·1	40·1	40·0	40·0	40·0	40·0	40·1	40·1	41·4	41·4	40·6	40·6	40·5	40·5	40·0	40·0	40·6	40·6	42·3	36·6
21	36·7	36·7	36·7	36·7	36·7	36·7	36·4	36·4	37·0	37·0	37·8	37·8	37·9	37·9	38·2	38·2	38·6	38·6	38·8	38·8	39·0	39·0	39·1	39·1	39·4	36·4
22	39·0	39·0	39·0	39·0	39·0	39·0	39·0	39·0	39·3	39·3	39·3	39·3	39·2	39·2	39·8	39·8	40·7	40·7	40·9	40·9	41·0	41·0	41·4	41·4	42·1	39·0
23	40·7	40·7	41·0	41·0	41·0	41·0	40·9	40·9	40·8	40·8	40·8	40·8	40·7	40·7	40·7	40·7	40·5	40·5	41·2	41·2	42·8	42·8	39·8	39·8	42·8	37·0
24	39·1	39·1	39·6	39·6	40·0	40·0	40·7	40·7	41·0	41·0	41·5	41·5	41·0	41·0	41·5	41·5	41·7	41·7	41·0	41·0	41·5	41·5	40·2	40·2	41·7	32·1
25	32·0	32·0	31·9	31·9	31·9	31·9	32·0	32·0	32·0	32·0	32·0	32·0	33·1	33·1	32·7	32·7	33·4	33·4	34·0	34·0	34·3	34·3	34·7	34·7	45·7	31·9
26	45·8	45·8	45·9	45·9	46·0	46·0	46·1	46·1	46·8	46·8	46·2	46·2	46·4	46·4	46·6	46·6	47·1	47·1	47·2	47·2	47·2	47·2	47·0	47·0	47·2	38·0
27	47·4	47·4	46·3	46·3	46·2	46·2	46·3	46·3	45·9	45·9	46·0	46·0	46·5	46·5	45·4	45·4	45·4	45·4	45·3	45·3	45·5	45·5	45·2	45·2	47·4	39·1
28	39·0	39·0	37·1	37·1	35·8	35·8	35·3	35·3	35·2	35·2	35·1	35·1	34·9	34·9	34·8	34·8	35·4	35·4	36·3	36·3	36·9	36·9	37·4	37·4	39·0	34·8
29	35·6	35·6	35·3	35·3	35·9	35·9	35·8	35·8	36·5	36·5	37·4	37·4	37·3	37·3	37·0	37·0	37·1	37·1	37·6	37·6	38·1	38·1	38·5	38·5	40·3	28·8
30	28·1	28·1	27·6	27·6	27·5	27·5	27·6	27·6	27·8	27·8	28·2	28·2	28·5	28·5	28·8	28·8	29·2	29·2	31·0	31·0	31·9	31·9	31·9	31·9	39·4	27·5
MEAN.	41·3	40·7	41·2	40·5	41·1	40·3	40·9	40·5	40·7	40·2	40·8	40·2	40·8	40·4	41·0	40·4	41·7	40·6	42·1	40·9	42·8	41·3	43·1	41·7	45·8	38·0

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet	Dry.	Wet	Dry.	Wet.	Dry.	Wet.
1	39·9	39·9	41·5	41·5	42·9	42·9	43·9	43·9	44·1	44·1	44·1	44·1	44·0	44·0	44·0	44·0	44·0	44·0	43·9	43·9	43·9	43·9	43·3	43·4	39·5	39·5
2	42·8	42·8	42·3	42·3	42·2	42·2	41·4	41·4	41·0	41·0	40·3	40·3	40·0	40·0	39·9	39·2	44·0	44·0	43·8	43·8	44·8	44·8	45·0	45·0	43·2	43·2
3	46·8	46·9	46·9	46·9	47·1	47·1	47·0	47·0	46·7	46·7	46·7	46·7	46·0	46·0	46·0	46·0	46·1	46·1	46·2	46·2	46·0	46·1	46·0	46·0	46·4	46·4
4	44·3	44·4	44·9	44·9	44·9	44·9	44·5	44·5	43·8	43·8	43·3	43·3	41·2	41·2	40·1	40·1	38·1	38·1	38·0	38·0	38·9	38·0	38·1	37·9	42·2	42·2
5	46·9	43·0	47·0	43·2	44·0	42·5	42·0	42·0	44·0	41·1	46·2	46·2	45·3	45·3	45·6	45·6	45·8	45·8	45·2	45·2	43·9	43·9	44·0	44·0	43·5	41·7
6	45·3	34·8	47·0	36·2	47·0	36·6	47·4	35·6	48·8	34·9	49·0	35·1	52·0	35·9	50·3	35·0	50·3	36·3	48·8	37·9	47·1	47·1	49·0	46·2	44·1	36·4
7	58·2	48·2	58·9	48·8	57·7	44·5	57·7	46·3	55·9	41·1	54·9	42·1	51·4	43·8	49·4	47·0	49·4	49·3	49·0	49·0	48·6	48·6	48·7	48·2	52·5	46·8
8	49·0	46·6	51·8	47·7	51·2	46·8	51·2	47·5	50·0	46·8	48·2	46·1	47·8	46·2	46·2	46·0	47·1	47·1	47·1	47·1	46·9	46·9	46·8	46·8	48·1	47·2
9	38·7	38·7	38·6	38·6	38·0	38·0	36·8	36·5	36·1	36·1	36·0	36·0	35·1	35·1	35·1	35·1	33·8	33·8	34·2	34·2	35·1	35·1	34·8	34·8	39·7	39·6
10	38·0	38·0	38·3	38·3	38·9	38·9	38·8	38·8	37·9	37·9	37·9	37·9	37·0	37·0	37·0	37·0	38·0	38·0	39·0	39·0	39·0	39·0	39·8	39·8	36·7	36·7
11	38·9	38·9	38·9	38·9	38·8	38·8	38·3	38·3	37·9	37·9	37·5	37·5	38·2	36·3	39·7	37·0	40·8	40·8	40·2	40·2	40·1	40·1	40·3	40·3	39·4	39·2
12	47·0	42·9	46·3	41·3	48·4	43·4	48·3	40·8	48·6	40·8	48·2	41·5	48·8	42·0	50·0	40·0	48·2	38·7	47·6	39·3	47·2	39·2	46·4	39·4	44·5	40·5
13	54·0	47·9	53·7	46·7	53·6	46·4	52·6	46·0	50·8	41·2	48·8	45·3	47·4	44·0	47·0	43·0	45·9	42·9	44·6	42·1	44·1	43·4	44·2	44·2	48·9	42·7
14	48·8	45·8	50·0	47·0	49·9	47·2	49·5	46·5	48·6	46·6	47·0	46·0	46·2	45·8	45·4	45·0	45·0	44·9	44·8	44·8	44·0	44·0	44·2	43·1	46·0	45·2
15	49·0	48·5	50·0	45·0	49·8	44·8	48·7	44·2	47·9	42·9	46·8	42·0	45·5	40·4	44·8	41·2	44·5	41·3	44·4	41·3	44·1	42·5	43·9	42·3	45·3	42·8
16	47·5	44·3	47·3	44·3	48·3	45·7	47·6	45·2	47·5	44·5	46·4	43·5	46·2	41·8	45·8	44·1	45·0	44·5	45·1	45·1	45·5	45·5	45·6	45·6	45·1	43·2
17	43·4	43·4	43·7	43·7	44·1	44·1	44·0	44·0	43·5	43·5	42·9	42·9	42·1	42·1	42·1	42·1	42·1	42·1	42·2	42·2	42·2	42·2	42·2	42·2	42·9	42·9
18	41·6	41·6	42·1	42·1	41·8	41·8	41·6	41·6	41·0	41·0	40·5	40·5	39·8	39·8	39·0	39·0	39·0	39·0	39·0	39·0	39·0	39·0	40·2	40·2	41·8	41·8
19	42·0	42·0	43·0	43·0	43·3	43·3	42·9	42·9	42·6	42·6	42·6	42·6	42·9	42·9	42·6	42·6	41·2	41·2	41·2	41·2	41·0	41·0	40·9	40·9	41·1	41·0
20	42·0	42·0	42·1	42·1	42·3	42·3	41·8	41·8	41·0	41·0	38·0	38·0	36·6	36·6	37·0	37·0	36·8	36·8	37·0	37·0	37·2	37·2	37·2	37·2	39·8	39·8
21	39·4	39·4	39·3	39·3	39·3	39·3	39·1	39·1	39·0	39·0	38·7	38·7	38·9	38·9	38·9	38·9	38·9	38·9	38·9	38·9	39·0	39·0	38·9	38·9	38·4	38·4
22	42·0	42·0	42·1	42·1	41·8	41·8	41·8	41·8	41·8	41·8	41·7	41·7	41·0	41·0	41·0	41·0	40·4	40·4	40·0	40·0	40·1	40·0	40·4	40·0	40·5	40·5
23	39·7	39·7	40·0	40·0	39·3	39·3	38·6	38·6	37·4	37·4	37·0	37·0	37·4	37·4	38·0	38·0	38·2	38·2	38·7	38·7	39·0	39·0	39·1	39·1	39·7	39·7
24	39·0	39·0	38·8	38·8	38·3	38·3	37·1	37·1	35·2	35·2	34·1	34·1	33·7	33·7	33·6	33·6	33·0	33·0	32·8	32·8	33·1	33·1	32·1	32·1	37·9	37·9
25	35·2	35·2	35·0	35·0	35·9	35·9	35·4	35·4	36·4	36·4	36·4	36·4	37·3	37·3	39·0	39·0	40·7	40·7	42·8	42·8	45·2	45·2	45·7	45·7	35·8	35·8
26	46·3	46·3	45·7	45·7	44·4	44·4	43·9	43·9	40·5	40·5	39·1	39·1	38·0	38·0	42·3	42·3	43·9	43·9	45·0	45·0	46·0	46·0	47·0	47·0	45·0	45·0
27	45·0	45·0	45·0	45·0	44·7	44·7	44·1	44·1	43·8	43·8	42·9	42·9	41·2	41·2	41·0	41·0	40·2	40·2	39·9	39·9	39·3	39·3	39·1	39·1	44·1	44·1
28	37·4	37·4	37·2	37·2	36·6	36·6	35·4	35·4	35·6	35·6	35·3	35·3	35·9	35·9	35·7	35·7	35·7	35·7	36·0	36·0	35·2	35·2	35·6	35·6	36·0	36·0
29	40·2	40·2	40·3	40·3	39·0	39·0	37·1	37·1	34·6	34·6	31·9	31·9	30·6	30·6	29·8	29·8	29·2	29·2	29·2	29·2	29·2	29·2	28·8	28·8	35·1	35·1
30	30·9	30·9	31·0	31·0	31·7	31·7	33·8	33·8	36·4	36·4	39·4	39·4	38·9	38·9	39·1	39·1	38·8	38·8	39·0	39·0	39·0	39·0	39·1	39·1	32·7	32·7
MEAN.	43·3	41·9	43·6	41·9	43·5	41·8	43·1	41·4	42·6	40·6	42·1	40·5	41·5	40·0	41·5	40·1	41·5	40·5	41·5	40·6	41·5	41·1	41·5	41·1	41·9	40·8

TEMPERATURE. DRY AND WET BULBS. SEPTEMBER 1890.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	50·3	48·2	50·9	48·0	50·8	48·0	50·9	48·1	51·9	48·5	53·0	48·3	54·0	48·9	52·8	49·0	52·4	49·7	51·2	50·5	52·1	51·2	52·8	51·9	56·6	50·0
2	55·9	55·7	55·2	55·3	55·8	55·6	55·7	55·5	56·1	55·9	56·1	55·9	56·2	56·0	56·5	56·2	57·5	57·1	58·6	56·2	59·7	56·5	59·3	56·7	60·2	54·0
3	54·9	54·5	55·5	55·0	55·6	55·2	56·6	56·4	57·0	56·9	56·8	56·5	57·0	56·8	56·9	56·7	57·8	57·5	58·3	58·0	59·3	58·8	60·7	59·8	60·8	54·7
4	57·7	56·9	57·2	56·2	56·9	55·8	56·3	55·5	56·1	55·0	55·7	54·8	56·6	54·9	56·9	55·6	57·4	56·2	58·7	57·2	59·8	57·8	59·8	57·9	61·0	55·0
5	55·0	52·1	54·5	51·5	54·1	51·1	54·0	52·0	54·0	52·8	53·8	52·6	54·0	52·9	54·7	53·4	55·5	53·7	56·8	54·0	57·4	54·0	58·3	54·9	61·7	53·2
6	57·1	56·7	54·8	53·5	55·1	53·6	54·7	51·5	53·1	50·5	52·2	49·5	52·3	49·8	55·2	52·2	57·2	53·0	57·9	53·4	59·5	54·5	59·1	53·6	63·3	50·0
7	49·2	47·6	47·8	46·0	47·6	45·9	47·2	45·3	47·7	46·0	47·7	45·8	48·4	46·3	51·9	49·7	54·5	51·2	56·8	53·2	59·0	54·0	61·4	55·0	66·9	46·8
8	55·3	53·2	57·8	54·8	59·0	55·5	58·1	55·1	58·2	56·0	59·3	56·8	59·5	57·7	60·3	58·5	60·8	58·8	61·8	59·5	63·5	60·3	64·8	61·2	68·4	53·8
9	60·2	58·1	59·4	58·2	59·0	58·3	59·0	58·2	59·8	58·0	59·0	57·1	57·6	55·1	57·7	54·0	57·6	53·2	58·7	52·6	57·5	53·0	58·8	52·5	61·7	50·3
10	51·1	48·5	50·9	48·1	52·1	49·2	51·2	49·1	51·9	49·0	51·7	48·8	52·0	49·3	52·8	50·3	53·7	51·0	55·8	51·9	56·2	51·9	56·9	52·4	57·9	49·3
11	53·5	52·5	54·4	53·8	56·0	55·0	55·7	54·6	56·9	53·9	56·8	53·9	56·8	52·4	56·2	51·9	56·9	51·9	57·6	52·6	57·9	52·5	59·0	53·0	59·7	53·0
12	53·3	52·8	54·0	52·9	54·2	52·5	54·0	52·6	54·2	52·3	54·4	52·4	55·4	53·4	55·8	53·8	56·2	53·6	57·8	54·5	59·5	56·0	60·5	56·1	63·2	48·6
13	48·3	46·9	46·7	45·3	45·4	44·3	45·2	44·0	45·3	43·8	44·2	42·9	45·0	43·7	50·1	47·4	51·7	49·7	54·5	52·1	57·8	54·3	59·1	55·7	66·0	**43·9**
14	57·9	55·0	58·7	55·3	57·3	55·0	56·2	54·1	57·2	55·0	56·2	54·4	55·9	53·7	56·9	55·1	57·4	55·6	59·8	57·0	62·1	58·5	62·4	58·4	67·3	54·1
15	53·5	51·9	52·8	51·5	52·9	51·4	51·3	49·9	50·8	50·0	51·7	50·0	54·0	51·2	56·9	53·2	60·1	55·7	63·8	55·0	65·9	54·9	66·9	[55·4]	**70·1**	50·9
16	62·3	54·3	60·8	54·0	61·2	54·1	60·9	54·2	60·1	53·6	58·4	52·2	59·5	53·0	63·0	55·0	64·2	55·4	65·5	55·0	65·4	56·3	65·8	56·8	68·1	58·4
17	64·8	57·8	64·3	57·0	63·5	56·3	63·5	56·2	63·8	55·0	63·7	54·9	62·1	55·0	59·9	56·2	62·1	56·0	62·3	56·3	63·0	57·3	59·4	56·9	65·5	56·4
18	57·0	54·9	58·1	55·4	57·0	55·7	56·4	55·6	56·8	55·7	57·4	55·7	57·5	55·9	58·0	56·0	58·6	56·5	57·9	56·1	58·7	57·0	56·9	55·8	61·8	51·7
19	51·5	49·9	50·7	49·0	48·3	47·0	48·6	47·1	48·5	47·6	47·9	46·7	47·1	46·3	48·8	47·1	51·9	50·1	54·4	52·7	57·0	54·8	58·7	55·7	63·9	46·2
20	56·1	53·2	55·5	52·8	55·7	53·1	56·6	53·2	55·8	52·7	55·6	52·4	56·7	52·8	59·4	53·3	61·1	53·9	61·2	53·9	61·6	53·3	61·0	54·0	62·2	52·9
21	56·1	50·2	56·0	50·1	56·2	50·2	54·9	50·2	55·3	50·4	56·2	51·3	56·8	51·7	57·0	52·2	57·7	52·6	58·8	53·1	59·7	54·0	58·8	53·1	60·0	54·9
22	57·0	52·3	58·2	52·6	57·9	52·6	57·9	52·3	57·9	52·5	57·8	52·7	57·6	52·7	59·0	53·0	59·5	53·9	59·2	54·1	58·5	55·3	58·7	55·7	60·0	52·5
23	53·3	52·0	53·3	52·2	53·4	52·8	53·7	52·8	53·6	52·5	53·8	52·7	53·7	52·1	53·5	51·4	53·8	52·0	55·1	52·3	56·6	53·1	57·7	53·2	59·3	52·9
24	54·2	52·7	54·2	52·5	54·3	52·9	54·8	53·1	55·1	53·6	55·7	54·1	55·8	54·4	55·8	55·1	55·9	54·6	56·4	54·8	56·7	55·2	56·2	54·0	57·5	49·8
25	49·9	46·8	49·1	46·5	49·0	46·3	49·6	46·3	50·7	46·7	50·1	46·7	50·1	47·9	51·7	49·0	53·0	49·0	54·7	50·3	53·3	49·4	55·1	50·0	58·7	47·7
26	59·2	57·7	59·2	58·0	59·0	57·9	59·0	58·0	59·4	58·2	59·0	57·9	59·3	58·0	59·8	58·3	60·0	58·6	60·0	58·9	60·9	59·3	61·3	59·8	62·2	55·4
27	58·9	58·1	58·9	58·0	58·9	58·0	59·0	58·0	59·2	57·9	58·9	57·6	58·8	57·5	58·7	57·7	58·8	57·7	58·9	57·8	59·8	58·0	59·3	57·7	59·8	52·9
28	53·2	52·1	52·7	50·6	53·1	50·0	51·0	49·0	51·3	49·1	51·1	49·2	50·1	48·0	51·7	49·1	54·9	51·7	55·1	51·7	55·3	52·3	55·2	51·6	56·8	49·5
29	53·3	49·6	52·7	49·1	52·9	50·0	53·1	50·1	54·0	50·3	52·2	50·7	53·9	51·1	54·1	50·9	54·8	51·3	53·7	51·4	53·9	52·1	54·3	52·6	57·1	46·8
30	48·6	44·3	47·8	43·3	46·0	43·1	46·0	42·9	47·1	43·1	46·4	43·0	46·9	43·6	47·5	44·4	48·0	44·4	48·0	44·7	49·0	45·3	47·6	44·3	49·0	44·1
MEAN.	55·0	52·6	54·7	52·2	54·6	52·2	54·4	52·0	54·6	52·1	54·4	51·9	54·7	52·1	55·6	52·9	56·7	53·5	57·6	54·0	58·6	54·7	58·9	54·9	61·6	51·3

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	53·0	52·5	54·0	53·4	54·6	54·1	56·5	56·2	56·2	56·2	55·9	55·8	55·7	55·6	55·7	55·5	55·7	55·6	55·2	55·4	55·3	55·4	55·7	55·5	53·6	52·1
2	58·6	56·1	58·9	56·2	58·7	56·8	57·9	55·1	57·7	55·1	56·4	54·9	55·8	54·5	54·6	53·6	55·2	54·0	54·9	54·2	54·9	54·2	55·0	54·4	56·7	55·5
3	60·0	59·4	58·7	58·0	58·0	57·8	58·2	58·0	57·8	57·5	57·4	57·2	57·3	57·0	57·1	56·9	57·1	57·0	56·9	56·8	57·2	57·0	56·8	56·7	57·5	57·1
4	59·3	57·9	59·0	57·7	60·8	58·0	60·3	57·4	60·0	56·7	58·5	54·7	57·2	53·7	56·6	52·7	56·0	52·4	55·9	52·8	55·5	52·7	55·0	51·7	57·6	55·5
5	59·0	55·0	59·9	56·3	61·7	56·7	60·1	55·6	59·9	56·0	58·9	55·5	57·9	56·0	56·8	56·4	56·9	56·5	56·7	56·4	56·8	56·5	56·8	56·6	56·8	54·5
6	60·6	55·0	61·1	55·9	62·1	56·7	62·9	57·1	62·5	57·0	60·8	55·8	57·7	53·1	55·9	53·0	54·2	52·2	53·4	51·6	52·3	50·8	50·0	48·6	56·7	53·3
7	63·3	55·1	64·0	56·2	65·1	58·3	66·7	59·2	65·6	59·4	65·0	59·3	61·0	56·4	59·7	55·0	59·0	54·3	58·9	54·0	56·6	53·2	56·0	53·2	56·7	52·5
8	65·4	61·2	66·0	61·3	67·9	61·7	67·1	59·5	66·3	59·0	63·5	58·4	62·3	57·2	60·9	56·7	60·3	56·7	59·9	56·9	60·0	57·0	59·7	57·4	61·6	57·9
9	60·6	52·6	59·8	52·8	60·7	52·7	59·7	52·2	59·1	52·0	57·6	51·3	56·3	50·6	52·7	49·2	51·5	47·7	51·2	47·6	51·3	48·8	50·7	48·4	57·3	53·1
10	57·2	53·1	56·9	53·6	54·9	53·2	55·1	53·0	54·9	52·0	54·7	51·8	54·7	51·0	54·0	50·7	53·0	51·2	52·9	51·9	53·3	51·7	53·1	52·1	53·8	51·0
11	59·3	53·0	58·2	52·4	58·2	52·4	58·0	52·9	57·3	51·8	56·2	52·7	54·1	50·9	54·1	50·8	54·6	51·0	54·7	51·5	53·8	52·1	53·0	52·3	56·2	52·6
12	61·1	56·4	61·6	57·2	61·0	56·5	62·9	57·5	62·1	57·7	59·9	55·6	55·9	52·9	53·9	51·5	53·6	51·3	50·8	49·2	49·4	47·8	49·0	47·7	56·3	53·5
13	60·8	57·1	61·8	57·9	64·0	59·2	64·1	59·5	64·3	59·6	63·1	58·0	61·2	56·1	58·7	54·9	57·3	54·3	59·2	55·7	58·2	55·2	57·9	55·0	55·2	52·2
14	64·0	58·9	65·8	59·5	67·1	59·9	66·1	60·1	64·9	59·8	62·5	58·1	60·2	56·2	60·1	56·7	59·3	56·2	59·0	55·8	55·1	53·3	54·9	53·0	59·9	56·4
15	67·2	55·9	67·1	56·0	68·2	57·2	70·0	57·7	68·6	57·1	66·1	54·3	64·1	54·0	64·2	53·9	64·1	54·2	63·2	54·0	63·2	54·9	63·2	54·5	61·2	53·9
16	65·8	56·8	65·5	57·1	67·2	57·7	67·3	57·5	67·7	57·1	65·0	55·5	62·9	54·8	61·2	56·6	60·6	56·5	61·6	56·2	63·9	57·7	65·2	57·9	63·4	55·6
17	58·1	56·7	60·9	57·7	62·0	58·5	60·6	57·7	60·3	57·5	60·2	57·1	59·3	56·9	59·7	56·3	59·3	56·1	58·1	55·9	57·1	55·0	56·7	54·8	61·0	56·5
18	58·3	57·1	59·3	56·9	61·0	57·8	60·0	57·2	58·3	56·1	56·9	55·0	55·3	53·6	54·7	52·9	54·6	52·7	53·2	51·5	52·1	50·4	52·0	50·2	56·9	55·1
19	61·3	56·8	62·3	56·5	62·5	56·9	63·6	57·4	63·1	55·9	61·3	55·4	60·5	55·7	57·0	54·9	56·9	55·1	55·9	53·6	56·0	53·3	55·6	53·1	55·4	52·4
20	57·0	54·5	56·3	54·3	58·9	56·6	59·3	55·9	57·7	54·3	57·0	51·8	55·8	51·4	55·1	50·3	54·1	50·1	53·7	49·7	53·7	49·8	55·8	50·3	57·1	52·8
21	59·5	53·6	57·8	53·5	59·3	53·6	59·3	53·0	59·0	52·8	58·5	52·2	57·4	52·3	56·2	52·2	56·5	52·6	56·0	52·6	56·9	52·4	56·8	52·2	57·4	52·2
22	59·8	55·3	58·0	55·8	56·4	55·1	57·1	55·4	57·9	55·9	57·1	54·9	56·5	54·5	55·0	53·4	54·2	52·3	53·2	51·7	52·7	51·3	53·2	51·8	57·1	53·6
23	57·9	53·6	58·2	54·0	58·0	53·4	58·0	53·6	58·0	52·4	55·5	51·5	55·1	51·3	54·7	51·9	54·4	52·0	53·9	52·4	54·1	52·8	54·0	52·2	55·1	52·5
24	57·4	53·1	55·2	53·0	55·3	51·7	56·0	51·2	55·6	50·1	53·8	48·4	51·9	48·3	51·8	48·0	51·9	47·4	51·0	47·7	50·0	47·0	50·0	46·9	54·4	51·7
25	56·6	50·5	56·5	50·9	54·8	51·0	54·2	50·3	52·8	51·1	53·4	50·1	52·4	50·7	53·0	51·7	53·1	52·3	54·0	53·5	56·2	56·0	58·5	57·4	53·0	50·0
26	61·8	59·7	61·6	58·6	61·9	58·7	61·9	57·4	59·1	55·1	58·0	54·8	57·6	54·8	56·3	55·2	55·5	55·0	56·2	55·8	57·9	57·6	58·9	58·0	59·3	57·6
27	59·2	57·8	59·1	57·7	59·0	57·4	58·0	57·1	57·0	56·0	56·7	55·0	54·8	52·8	55·0	52·7	53·7	52·0	53·3	52·0	53·3	52·1	53·2	52·1	57·5	56·2
28	56·1	52·3	55·4	51·6	55·8	51·0	54·9	50·1	54·1	50·0	51·6	49·4	53·0	49·8	53·2	50·1	53·2	50·1	51·6	49·8	53·1	49·1	53·0	49·5	53·3	50·3
29	54·4	53·4	57·0	53·9	55·9	52·3	54·3	51·5	53·1	48·0	52·0	46·5	57·0	45·3	48·2	44·0	49·3	43·8	47·5	43·5	47·7	43·5	47·6	44·2	52·5	49·5
30	47·0	45·0	45·8	44·0	45·0	43·3	44·5	42·9	44·3	42·9	44·4	43·0	44·2	42·8	44·2	42·7	44·2	42·9	44·3	42·9	44·3	42·8	44·5	43·0	46·1	43·5
MEAN.	59·3	55·2	59·4	55·3	59·9	55·5	59·8	55·3	59·2	54·7	57·9	53·8	56·6	53·0	55·7	52·7	55·3	52·5	54·9	52·4	54·7	52·7	54·7	52·4	56·6	53·4

TEMPERATURE. DRY AND WET BULBS. OCTOBER 1890.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	38·6	38·6	39·0	39·0	38·5	38·5	38·4	38·4	36·3	36·3	33·8	33·8	32·0	32·0	32·0	32·0	32·0	32·0	31·2	31·2	31·0	31·0	30·8	30·8	39·0	26·3
2	26·0	26·0	25·2	25·2	25·2	25·2	24·9	24·9	23·7	23·7	23·5	23·5	23·3	23·3	23·0	23·0	24·2	24·2	25·4	23·4	26·3	26·2	25·8	24·3	40·0	23·0
3	40·2	40·2	41·0	41·0	41·7	41·7	42·0	42·0	42·0	42·0	42·1	42·1	42·4	42·4	42·9	42·9	43·0	43·0	43·3	43·3	43·3	43·3	43·0	43·0	43·4	38·4
4	38·4	38·4	38·1	38·1	37·0	37·0	37·1	37·1	37·0	37·0	36·7	36·7	37·2	37·2	36·6	36·6	36·6	36·6	37·8	37·8	37·9	37·9	37·3	37·3	43·8	36·6
5	43·7	43·7	43·8	43·8	43·8	43·8	43·5	43·5	43·5	43·5	43·8	43·8	43·7	43·7	43·4	43·4	43·5	43·5	43·3	43·3	43·6	43·6	43·1	43·1	43·8	35·1
6	35·1	35·1	35·1	35·1	35·9	35·9	34·3	34·3	33·0	33·0	31·9	31·9	31·6	31·6	31·4	31·4	31·9	31·9	31·5	31·5	31·6	31·6	31·9	31·9	35·9	30·6
7	31·3	31·3	31·2	31·2	31·2	31·2	31·2	31·2	30·9	30·9	30·5	30·5	30·0	30·0	30·6	30·6	30·3	30·3	30·1	30·1	29·9	29·9	31·2	31·2	31·7	28·0
8	30·0	27·8	31·0	26·6	28·0	27·0	28·0	27·2	28·2	27·9	29·3	28·5	28·7	27·8	29·5	28·7	30·8	29·9	31·9	31·0	32·8	31·8	33·4	32·0	35·0	28·0
9	32·1	32·1	32·1	32·1	33·7	33·7	33·7	33·7	35·9	35·9	37·3	37·3	38·8	38·8	38·3	38·3	39·0	39·0	39·8	39·8	39·3	39·3	40·1	40·1	44·2	32·1
10	44·2	44·2	44·0	44·0	44·0	44·0	43·7	43·7	42·4	42·4	41·6	41·6	41·6	41·6	42·3	42·3	42·8	42·8	43·0	43·0	43·4	43·4	43·5	43·5	44·2	41·6
11	43·2	43·2	43·3	43·3	43·2	43·2	43·1	43·1	43·0	43·0	43·0	43·0	42·9	42·9	42·9	42·9	43·0	43·0	43·4	43·4	43·9	43·9	44·1	44·1	**44·9**	41·9
12	44·2	44·2	43·3	43·3	42·5	42·5	42·0	42·0	41·3	41·3	41·0	41·0	39·9	39·9	39·0	39·0	38·9	38·9	38·8	38·8	39·1	39·1	39·9	39·9	44·2	37·2
13	37·4	37·4	37·4	37·4	37·2	37·2	36·9	36·9	37·2	37·2	36·1	36·1	36·4	36·4	37·1	35·5	36·2	36·2	36·4	36·4	37·0	37·0	38·0	38·0	41·0	36·1
14	40·4	40·4	40·5	40·5	40·2	40·2	40·0	40·0	39·8	39·8	39·0	39·0	39·8	39·8	39·2	39·2	38·1	38·1	37·5	37·5	36·8	36·8	35·0	35·0	40·5	32·4
15	33·0	33·0	31·9	31·9	30·8	30·8	30·2	30·2	28·9	28·9	27·2	27·2	26·8	26·8	27·2	27·2	26·2	26·2	26·9	26·9	26·8	26·8	27·1	27·3	33·0	24·0
16	26·1	26·1	26·0	26·0	25·7	25·7	25·0	25·0	24·6	24·6	24·0	24·0	24·5	24·5	24·8	24·8	25·1	25·1	25·3	25·3	27·0	27·0	29·0	29·0	29·0	24·0
17	27·0	27·0	27·0	27·0	26·9	26·9	26·9	26·9	27·3	27·3	27·8	27·8	27·9	27·9	28·2	28·2	28·5	28·5	29·2	29·2	29·2	29·2	29·9	29·9	33·0	26·9
18	32·7	32·7	32·0	32·2	31·3	32·0	30·8	30·8	28·4	28·4	28·2	28·2	27·1	27·1	26·8	26·8	26·8	26·8	27·0	26·8	27·2	26·1	29·9	26·5	35·7	25·9
19	34·0	29·0	34·0	29·3	31·9	27·2	33·5	29·0	31·0	27·9	32·6	28·2	29·0	27·0	32·5	27·6	31·4	26·9	32·8	27·7	31·7	28·0	34·5	32·1	37·3	29·0
20	36·9	36·9	39·0	39·0	40·0	40·0	39·6	39·6	39·5	39·5	39·1	39·1	39·2	39·2	39·6	39·6	39·2	39·2	38·9	38·9	39·5	39·5	40·4	40·4	40·4	36·3
21	36·6	36·6	36·9	36·9	36·9	36·9	36·9	36·9	37·0	37·0	37·4	37·4	37·9	37·9	38·2	38·2	38·1	38·1	39·0	39·0	40·0	40·1	40·8	40·8	40·8	36·6
22	40·6	39·3	40·0	38·2	40·2	37·9	36·7	36·7	36·5	36·5	36·7	36·7	36·9	36·9	36·9	36·9	37·0	37·0	37·2	37·2	38·5	38·5	37·1	37·1	40·6	36·5
23	39·0	39·0	39·0	39·0	39·0	39·0	38·5	38·5	38·0	38·0	37·1	37·1	37·0	37·0	36·9	36·9	36·7	36·7	36·8	36·8	36·8	36·8	37·1	37·1	39·0	36·7
24	37·5	37·5	37·8	37·8	38·3	38·3	38·8	38·8	39·0	39·0	39·8	39·8	40·3	40·3	40·5	40·5	40·6	40·6	40·0	40·0	38·8	38·8	37·7	37·7	40·6	29·3
25	31·2	31·2	30·2	30·2	29·9	29·9	29·3	29·3	28·3	28·3	28·4	28·4	27·8	27·8	27·6	27·6	27·1	27·1	26·9	26·9	26·6	26·6	25·2	25·3	31·2	19·1
26	19·9	19·9	17·4	17·3	17·2	17·2	17·8	18·0	17·4	17·7	17·1	17·3	18·5	18·5	19·3	19·3	19·1	19·1	19·5	19·8	20·7	20·7	22·7	22·7	23·0	17·1
27	16·9	16·9	17·4	17·4	17·1	17·1	16·2	16·2	16·3	16·3	16·1	16·1	16·0	16·0	16·1	16·3	16·3	16·5	16·3	16·4	17·1	17·2	17·6	17·6	19·4	**16·0**
28	19·2	19·2	18·3	18·3	19·0	18·7	20·0	20·0	20·1	20·0	20·4	20·4	21·6	21·5	22·9	22·8	23·2	23·1	25·1	25·1	26·5	26·5	27·9	27·9	38·2	18·3
29	37·8	37·8	37·2	37·2	37·1	37·1	37·1	37·1	37·2	37·2	37·9	37·9	38·1	38·1	38·8	38·8	39·8	39·8	40·1	40·1	40·3	40·3	40·2	40·2	40·3	25·4
30	25·9	25·9	25·3	25·5	25·3	25·6	25·9	25·9	26·0	26·0	26·1	26·1	26·1	26·1	26·6	26·6	27·1	27·1	27·2	27·2	27·8	27·8	28·0	28·0	34·7	25·3
31	35·3	35·3	36·4	36·4	37·1	37·1	37·8	37·8	38·2	38·2	38·0	38·0	38·8	38·8	38·6	38·6	38·6	38·6	38·7	38·7	38·8	38·8	38·5	38·5	38·8	30·0
MEAN.	34·0	33·7	33·9	33·6	33·7	33·5	33·5	33·4	33·2	33·1	33·0	32·9	33·0	32·9	33·2	33·0	33·3	33·1	33·6	33·3	33·8	33·3	34·2	33·9	37·6	29·8

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	27·5	27·5	27·0	27·0	27·3	27·3	27·9	27·9	28·2	28·2	27·9	27·9	26·8	26·8	27·2	27·2	27·2	27·3	26·8	26·8	26·8	26·8	26·3	26·3	30·9	30·9
2	28·7	28·7	29·0	29·0	29·0	29·0	29·7	29·7	30·0	30·0	31·9	31·9	32·2	32·2	34·6	34·6	37·1	37·1	39·7	39·7	39·8	39·8	40·0	40·0	29·1	28·9
3	43·1	43·1	43·4	43·4	43·4	43·4	43·3	43·3	41·5	41·5	41·0	41·0	40·2	40·2	39·8	39·8	39·1	39·1	38·4	38·4	38·7	38·7	38·5	38·5	41·6	41·6
4	37·4	37·4	37·8	37·8	39·1	39·1	40·2	40·2	41·8	41·8	41·9	41·9	42·3	42·3	42·8	42·8	43·2	43·2	43·4	43·4	43·8	43·8	43·7	43·7	39·4	39·4
5	42·4	42·4	41·8	41·8	42·5	42·5	42·7	42·7	42·6	42·6	41·0	41·0	38·5	38·5	37·1	37·1	35·6	35·6	35·2	35·2	35·1	35·1	35·1	35·1	41·3	41·3
6	31·5	31·5	31·8	31·8	31·9	31·9	31·8	31·8	31·8	31·8	31·9	31·9	31·4	31·4	31·6	31·6	30·8	30·8	31·0	31·0	30·6	30·6	30·9	30·9	32·2	32·2
7	30·9	30·9	31·6	31·6	31·7	31·7	31·7	31·7	31·4	31·4	30·9	30·9	30·6	30·6	30·1	30·1	29·9	29·9	29·4	29·6	28·8	28·8	28·0	27·8	30·6	30·6
8	33·8	32·4	34·0	33·5	35·0	34·0	34·0	32·0	33·0	32·5	32·4	31·8	31·8	31·9	31·8	30·5	31·7	31·1	32·5	32·5	33·1	33·1	33·1	33·1	31·6	30·6
9	40·5	40·5	40·1	40·1	40·8	40·8	41·0	41·0	41·1	41·1	41·5	41·5	42·0	42·0	42·3	42·3	42·7	42·7	43·6	43·6	44·0	44·0	44·2	44·2	39·3	39·3
10	43·1	43·1	43·1	43·1	43·1	43·1	43·0	43·0	43·0	43·0	42·9	42·9	42·9	42·9	43·0	43·0	43·0	43·0	43·0	43·0	43·0	43·0	43·1	43·1	43·0	43·0
11	43·9	43·9	42·6	42·6	41·9	41·9	41·9	41·9	42·7	42·7	43·6	43·6	44·1	44·1	44·8	44·8	44·8	44·8	44·9	44·9	44·9	44·9	44·8	44·8	43·5	43·5
12	38·1	38·1	38·0	38·0	38·8	38·9	39·8	37·9	37·5	37·5	37·8	37·5	40·1	37·9	38·5	38·5	38·6	38·6	38·2	38·2	37·2	37·2	37·7	37·7	39·6	39·4
13	38·1	38·1	37·9	37·9	41·0	41·0	39·1	39·1	40·0	40·0	39·0	39·0	39·4	39·4	39·1	39·1	39·1	39·1	38·8	38·8	38·9	38·9	40·0	40·0	38·1	38·0
14	35·0	35·0	34·8	34·8	34·3	34·3	33·6	33·6	33·4	33·4	32·4	32·4	32·5	32·5	33·0	33·0	33·5	33·5	33·9	33·9	35·5	35·5	34·4	34·4	36·4	36·4
15	26·2	26·4	24·0	24·0	24·5	24·5	26·1	26·1	26·4	26·4	27·8	27·8	29·2	29·2	29·3	29·3	26·6	26·6	26·2	26·2	26·3	26·3	26·9	26·9	27·6	27·6
16	28·0	28·0	28·2	28·2	28·2	28·2	28·0	28·0	28·5	28·5	28·2	28·2	28·0	28·0	29·0	29·0	29·0	29·0	28·8	28·8	27·5	27·5	27·3	27·3	26·9	26·9
17	30·9	30·9	31·0	31·0	31·4	31·4	31·5	31·5	31·6	31·6	31·9	31·9	32·1	32·1	32·2	32·2	32·2	32·2	32·2	32·2	32·8	32·8	33·0	33·0	29·9	29·9
18	28·9	26·7	27·5	27·7	28·0	27·8	27·8	28·0	27·5	27·0	26·9	26·6	27·9	25·2	25·9	25·2	28·8	25·0	28·0	24·8	31·9	26·4	35·7	29·8	28·9	27·7
19	34·0	32·9	34·8	33·8	32·9	32·3	34·0	33·0	32·9	32·5	33·6	33·2	34·0	34·0	34·8	34·8	36·4	36·4	36·4	36·4	37·3	37·3	37·0	37·0	33·6	31·4
20	40·1	40·1	39·6	39·6	39·1	39·1	38·9	38·9	38·7	38·7	38·5	38·5	38·0	38·0	37·4	37·4	37·1	37·1	36·9	36·9	36·9	36·9	36·3	36·3	38·7	38·7
21	40·8	40·8	40·3	40·3	40·2	40·2	40·0	40·0	39·5	39·5	39·3	39·0	39·5	39·1	38·9	38·8	39·5	38·9	39·6	38·9	40·0	39·0	40·0	39·3	38·9	38·7
22	37·7	37·7	39·3	39·3	37·9	37·9	37·8	37·8	38·0	38·0	38·6	38·6	38·5	38·5	38·8	38·8	38·2	38·2	38·1	38·1	38·2	38·2	38·9	38·9	38·1	37·9
23	37·3	37·3	37·4	37·4	37·6	37·6	36·9	36·9	37·3	37·3	37·3	37·3	36·9	36·9	36·8	36·8	36·8	36·8	36·8	36·8	36·8	36·8	36·8	36·8	37·4	37·4
24	39·6	39·6	32·7	32·7	31·9	31·9	31·2	31·2	30·0	30·0	29·8	29·8	29·7	29·7	29·4	29·4	29·3	29·3	30·1	30·1	30·6	30·6	31·1	31·1	35·2	35·2
25	25·0	24·4	25·0	24·8	24·6	24·8	23·7	23·9	24·1	24·1	24·2	24·2	24·9	24·9	22·2	22·2	21·4	21·4	19·9	19·9	19·1	19·1	19·2	19·4	25·5	25·5
26	22·8	22·8	23·0	23·0	23·0	23·0	22·3	22·3	20·6	20·6	19·7	19·7	19·1	19·1	19·0	19·0	18·2	18·2	18·1	18·1	17·2	17·2	17·1	17·1	19·4	19·5
27	17·9	17·9	18·2	18·2	18·9	19·0	18·0	18·1	17·5	17·5	17·6	17·6	17·4	17·5	17·9	17·9	17·4	17·4	18·1	18·1	19·4	19·4	19·4	19·4	17·4	17·4
28	29·0	29·0	30·9	30·9	32·0	32·0	32·2	32·1	32·5	32·6	34·8	34·9	37·0	37·0	37·9	37·9	38·2	38·2	37·9	37·9	38·1	38·1	37·9	37·9	28·4	28·4
29	39·9	39·9	38·1	38·1	38·9	38·9	37·3	37·3	30·9	31·8	29·5	29·5	29·8	29·8	28·2	28·2	28·6	28·6	27·5	27·5	26·3	26·3	25·4	25·8	35·1	35·1
30	28·8	28·8	29·0	29·0	29·2	29·2	29·4	29·4	29·9	29·9	29·3	29·3	30·2	30·2	31·0	31·0	32·0	32·0	32·2	32·2	33·0	32·5	34·7	34·7	28·6	28·6
31	35·7	35·7	34·5	34·5	33·0	33·0	32·7	32·7	32·0	32·0	32·0	32·1	31·4	32·1	31·1	31·1	31·0	31·0	30·6	30·6	30·6	30·6	30·0	30·0	35·0	35·0
MEAN.	34·1	33·9	33·8	33·7	33·9	33·9	33·8	33·6	33·4	33·4	33·4	33·3	33·5	33·4	33·4	33·3	33·5	33·3	33·4	33·3	33·6	33·4	33·8	33·6	33·6	33·4

TEMPERATURE. DRY AND WET BULBS. OCTOBER 1890.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	44·4	43·3	44·4	43·4	45·9	44·9	46·0	45·0	46·0	44·9	46·8	45·7	48·7	46·0	48·3	46·2	48·8	46·0	49·8	45·2	50·4	47·6	45·8	43·5	50·9	43·1
2	43·6	40·0	44·7	40·5	45·4	40·8	44·7	40·4	41·3	38·0	40·6	37·2	39·0	36·0	40·3	37·3	44·6	40·8	[45·3	41·7]	47·4	43·2	48·2	43·2	55·0	38·9
3	54·8	53·7	54·8	53·9	55·2	54·3	55·4	54·6	55·9	54·7	55·5	54·9	55·9	54·9	56·1	55·1	56·3	55·3	56·9	55·9	57·2	55·7	56·9	55·6	57·7	53·8
4	54·3	52·1	54·1	51·9	54·0	50·8	54·0	50·9	53·9	51·2	53·0	50·3	53·1	50·8	53·8	51·0	54·3	51·2	54·5	51·5	54·9	51·9	55·1	51·9	56·8	52·3
5	56·6	55·7	56·3	55·7	56·4	55·8	56·6	55·5	56·5	55·7	56·4	54·4	55·9	55·1	57·1	55·8	57·3	56·2	57·0	56·0	56·6	55·7	57·3	56·2	57·6	51·4
6	52·4	49·9	52·9	49·3	51·9	50·2	51·9	48·5	51·7	47·9	50·3	46·3	49·9	45·7	50·0	46·8	51·4	47·4	52·3	47·2	52·6	47·7	52·9	48·3	53·6	47·3
7	48·3	44·9	48·0	45·0	47·9	44·8	47·7	44·4	47·0	44·2	47·2	45·0	46·3	43·7	47·3	45·1	48·3	46·1	50·2	47·6	51·7	47·0	53·5	47·3	55·1	43·0
8	41·0	39·0	41·9	39·2	40·4	38·1	39·6	37·4	38·7	36·4	38·0	36·1	38·8	37·1	38·9	36·9	42·5	40·0	44·3	41·7	45·9	43·2	49·4	44·8	54·0	37·8
9	48·0	45·3	48·9	46·0	48·5	45·9	48·9	46·5	50·1	47·6	50·1	48·1	50·3	48·7	50·0	48·9	50·2	49·4	50·7	50·1	51·3	50·9	51·9	51·3	55·2	47·6
10	56·2	55·7	56·0	55·3	56·2	55·8	56·4	55·8	56·0	54·9	56·0	54·8	55·4	54·3	55·7	55·0	56·7	55·9	56·0	55·3	55·9	55·7	56·2	56·1	57·3	54·8
11	56·2	55·7	56·1	55·6	56·0	55·4	56·0	55·2	56·1	55·3	55·4	54·9	56·8	55·3	56·5	55·3	56·5	55·9	57·0	56·1	56·4	56·8	57·0	56·6	**58·6**	55·1
12	56·7	56·0	56·3	55·3	56·8	55·1	56·0	54·9	56·0	54·9	55·4	54·2	55·4	53·9	55·1	53·7	55·2	53·5	55·3	53·7	56·2	54·2	56·3	53·2	57·0	53·3
13	53·4	51·1	53·6	51·4	53·9	52·0	54·0	52·3	54·2	51·8	54·2	51·0	54·1	51·0	53·7	51·1	54·1	51·5	54·7	51·5	55·2	52·0	55·1	51·9	55·8	53·2
14	54·5	53·3	55·0	54·0	55·7	53·8	55·2	53·3	55·0	53·2	54·8	53·0	54·6	53·0	54·2	53·0	54·4	52·7	54·1	52·0	53·7	50·3	52·3	49·0	56·0	49·9
15	49·4	48·0	48·1	45·5	47·0	45·0	48·4	45·0	46·0	43·2	44·9	41·7	43·0	41·0	45·2	42·6	44·0	41·0	46·0	42·6	44·4	41·6	46·0	42·3	51·3	42·6
16	46·7	41·9	46·0	40·9	45·0	41·0	45·7	40·7	44·4	41·6	44·0	40·9	45·0	41·8	44·2	41·8	44·4	42·0	43·9	40·7	45·2	42·2	46·8	43·9	50·8	42·6
17	46·4	42·2	46·3	42·1	46·2	42·2	45·9	41·8	46·4	41·9	46·5	42·1	46·6	42·4	47·3	42·9	47·5	43·4	47·6	43·7	49·3	44·1	49·0	44·8	52·6	45·7
18	49·7	46·7	49·4	46·4	49·2	45·0	48·8	44·8	47·4	43·5	46·3	42·0	46·2	42·0	45·9	42·1	47·0	41·7	47·8	42·1	48·8	42·7	49·4	42·8	51·0	39·5
19	38·9	36·6	39·5	36·4	38·9	36·0	39·2	36·4	40·4	37·3	40·9	38·2	41·5	38·5	41·9	38·9	43·4	40·4	45·7	40·8	47·0	42·2	48·4	43·0	51·5	38·4
20	42·3	41·3	43·4	42·4	44·6	43·8	45·5	44·4	46·0	45·1	45·1	44·3	46·4	45·5	47·1	46·2	47·5	46·8	48·4	47·8	49·3	48·6	50·3	49·9	56·8	42·2
21	52·2	50·0	51·3	49·9	52·0	50·0	52·2	50·3	52·2	50·1	51·8	50·0	52·0	50·0	51·9	50·0	52·7	50·7	53·1	51·5	54·6	52·2	55·1	52·9	56·5	51·3
22	51·8	50·2	51·6	50·1	51·3	50·0	51·4	50·0	51·2	50·1	51·1	50·0	51·0	49·7	51·3	50·1	52·0	51·1	52·7	51·9	53·3	51·8	54·2	52·2	55·2	50·9
23	52·8	52·2	52·8	52·3	52·9	52·4	53·1	52·2	52·8	51·3	52·6	50·7	52·3	50·7	52·4	50·8	52·1	50·9	52·3	50·7	52·3	50·9	52·7	51·3	54·1	52·0
24	53·7	51·2	52·7	51·4	53·0	51·7	53·2	51·9	53·2	52·0	53·7	52·6	54·8	53·1	54·6	53·1	55·0	53·7	55·2	53·3	53·3	51·2	52·8	50·0	55·5	46·7
25	47·3	45·7	47·3	44·7	47·0	44·3	46·2	43·2	45·8	42·9	46·8	43·1	47·1	42·9	45·9	42·2	45·3	42·0	45·1	41·6	45·1	41·0	45·0	40·9	48·1	36·3
26	38·5	35·9	37·0	34·0	36·0	33·3	34·6	32·5	33·3	31·7	31·5	29·7	33·1	31·2	34·0	31·9	34·1	31·9	38·2	34·5	38·9	36·5	39·5	37·9	41·3	**31·0**
27	35·9	33·6	34·0	33·3	37·1	33·3	37·0	32·7	36·0	33·3	36·0	32·6	34·8	32·0	34·7	31·3	36·0	32·8	37·1	33·6	38·1	34·1	38·4	35·0	41·0	33·9
28	35·9	33·1	35·0	32·6	34·8	32·4	34·8	32·5	35·2	33·2	35·1	33·8	36·9	34·8	38·2	35·9	39·6	37·7	39·2	37·7	40·3	38·4	42·0	40·2	55·0	34·6
29	53·8	50·9	53·9	50·4	54·1	50·4	54·0	50·5	54·3	50·9	53·6	51·1	53·5	51·3	53·6	51·7	53·8	52·5	54·5	53·0	55·0	53·5	54·9	53·7	55·1	46·6
30	46·0	41·1	43·3	39·1	46·4	40·9	44·4	39·8	44·0	39·9	43·5	40·0	43·7	40·4	44·0	40·7	45·3	42·1	46·8	43·0	47·5	43·8	48·2	44·1	48·4	42·8
31	45·0	44·0	44·8	44·4	45·1	44·8	45·6	45·0	45·9	45·3	46·0	45·8	46·2	45·9	46·2	45·9	46·6	46·1	46·8	46·5	47·2	46·9	47·3	47·0	47·5	44·8
MEAN.	48·6	46·5	48·4	46·2	48·5	46·3	48·5	46·1	48·2	45·9	47·8	45·6	48·0	45·8	48·2	46·1	48·9	46·7	49·6	47·1	50·2	47·5	50·6	47·8	53·3	45·3

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	45·0	42·0	43·8	40·8	46·0	43·0	48·0	43·9	48·9	44·1	48·9	42·1	48·3	41·5	46·8	41·9	46·6	41·9	45·0	40·9	45·7	41·9	43·1	39·8	46·7	43·6
2	48·2	43·8	46·9	44·5	46·7	44·2	47·1	45·0	47·1	44·4	48·8	46·3	49·8	47·6	50·1	48·4	51·9	50·4	54·1	53·0	54·7	53·5	55·0	53·6	46·9	43·9
3	57·2	55·8	57·3	55·8	57·3	56·0	57·1	55·9	55·8	54·1	55·0	53·5	54·3	52·8	54·0	52·7	54·2	52·3	54·8	51·9	54·8	52·0	54·3	52·1	55·7	54·3
4	53·7	52·0	54·0	52·5	54·0	52·6	53·1	52·4	53·3	52·9	53·6	53·0	53·9	53·3	54·4	54·0	55·0	54·7	55·3	55·1	55·9	53·3	56·5	55·8	54·2	52·4
5	57·0	55·3	56·0	54·4	56·1	55·2	56·7	55·7	56·1	55·0	56·4	54·0	55·9	52·5	54·5	51·9	53·0	49·8	52·1	49·7	52·3	49·2	52·7	49·4	55·8	54·2
6	53·2	47·6	53·4	47·5	53·2	47·7	52·3	49·0	51·9	48·9	51·0	48·1	50·0	47·2	49·0	46·1	49·2	46·0	48·1	45·6	47·6	44·3	47·3	44·1	51·1	47·4
7	52·3	46·9	52·6	47·0	54·5	48·0	53·9	48·3	53·0	45·6	51·1	45·0	48·5	44·1	47·4	43·3	45·3	42·8	43·9	41·0	43·6	40·8	43·1	40·3	48·9	44·9
8	51·0	46·1	52·3	47·0	53·9	48·1	53·5	48·1	51·8	46·8	50·0	45·8	49·1	45·2	48·3	44·9	48·4	45·0	48·6	45·0	48·3	45·3	47·6	45·3	45·9	42·6
9	52·3	51·9	52·4	51·8	52·6	51·9	52·9	52·1	52·7	52·0	52·7	52·3	52·8	52·4	53·0	52·6	53·7	53·2	54·2	53·9	55·0	54·8	55·1	54·9	51·6	50·5
10	56·9	56·1	57·3	56·1	55·6	55·3	56·1	55·5	56·1	55·4	56·0	55·2	55·1	54·9	55·7	55·1	56·2	55·4	55·3	55·0	55·5	55·0	56·1	55·5	56·0	55·4
11	57·9	57·0	57·4	56·0	57·1	55·6	55·7	55·0	55·2	54·8	55·1	54·7	55·5	55·1	55·8	55·3	55·9	55·4	56·2	55·9	55·8	55·3	56·4	56·1	56·3	55·6
12	55·8	53·0	55·8	53·2	56·0	52·9	55·4	53·0	54·9	52·4	54·6	52·1	54·2	52·1	54·1	52·0	54·0	51·9	53·7	51·6	53·4	51·0	53·4	51·2	55·3	53·3
13	55·0	52·1	55·0	52·6	55·3	53·0	55·0	52·8	54·3	52·4	53·7	52·0	54·0	52·2	54·0	52·1	53·6	52·1	53·9	51·9	54·0	52·5	54·2	52·8	54·3	52·0
14	53·3	49·7	53·3	49·2	53·2	49·4	52·8	48·4	51·7	47·7	50·4	46·3	51·2	47·7	50·9	47·6	49·9	48·3	50·4	48·2	50·6	49·3	51·3	49·9	53·0	50·5
15	43·9	41·3	42·6	39·9	42·9	39·7	43·9	40·8	45·8	41·6	45·0	42·4	47·0	44·3	48·0	44·0	47·2	41·7	46·6	41·9	47·0	42·1	45·7	42·2	45·8	42·6
16	49·2	43·2	50·4	43·2	48·5	43·1	48·2	43·0	46·2	42·9	48·1	42·6	47·7	42·9	46·0	43·5	46·8	44·1	46·7	43·4	46·7	42·4	46·4	42·5	46·3	42·3
17	50·3	45·5	51·3	45·6	52·2	46·7	50·9	46·6	51·1	46·1	51·3	46·4	50·8	46·7	51·4	47·1	51·0	47·3	50·4	46·4	48·0	45·2	50·0	46·9	48·9	44·6
18	49·8	43·3	50·2	43·2	50·4	43·5	49·0	43·3	45·1	40·9	44·2	40·0	42·5	38·6	41·5	37·8	41·3	37·5	41·5	38·0	40·5	37·0	39·5	36·4	46·3	41·7
19	49·5	44·0	50·2	44·2	51·2	45·1	51·1	45·4	47·5	43·2	45·2	42·4	42·8	39·8	41·1	38·8	40·8	38·8	40·8	38·8	42·1	40·5	42·2	40·7	43·8	40·3
20	52·7	52·3	56·2	52·5	56·3	52·3	55·5	51·9	55·6	51·7	54·6	51·6	54·8	51·2	53·8	51·1	53·1	50·9	52·6	50·2	53·0	50·4	51·3	49·9	50·2	48·4
21	55·6	53·1	55·7	53·0	56·1	53·2	55·2	53·0	55·2	52·8	54·3	52·2	53·4	51·8	53·0	51·3	53·0	51·2	52·7	51·0	52·0	50·6	52·0	50·3	53·3	51·3
22	54·8	52·2	54·5	52·8	54·1	52·3	54·2	52·1	53·8	51·8	53·0	52·0	53·0	52·2	53·1	52·5	53·1	51·9	53·0	51·9	53·1	51·9	53·1	51·9	52·7	51·4
23	53·0	51·9	53·3	51·8	53·1	52·0	53·9	50·9	52·5	51·0	52·5	51·0	53·5	50·6	52·9	50·5	53·7	50·5	53·8	50·7	53·8	51·0	53·3	50·6	52·9	51·2
24	51·3	47·5	51·3	46·6	51·2	46·0	50·8	44·3	50·6	45·1	50·0	45·0	49·9	44·7	48·9	44·1	47·9	44·2	48·0	44·9	47·0	44·4	47·2	44·8	51·6	48·6
25	45·9	41·3	45·9	41·7	45·9	41·1	44·4	40·0	41·3	38·9	39·2	37·2	38·9	37·1	37·4	35·8	37·8	35·9	37·5	35·7	37·2	35·2	37·7	35·3	43·5	40·4
26	38·0	36·8	39·5	38·1	40·5	38·6	41·1	38·4	37·1	35·9	38·6	36·4	37·0	34·9	36·2	34·3	36·0	34·1	35·0	33·7	34·6	33·1	34·6	32·6	36·5	34·5
27	39·3	35·1	40·3	35·7	39·4	35·7	38·6	35·3	38·5	35·0	38·3	35·0	36·4	33·7	36·9	34·2	35·0	32·9	35·4	32·6	34·9	32·2	35·7	32·9	36·8	33·7
28	43·0	41·6	43·6	42·4	44·7	43·9	48·2	46·1	49·1	47·3	50·5	48·9	51·7	50·2	52·6	51·1	53·0	51·3	54·1	51·0	52·4	50·9	53·2	51·0	43·5	41·6
29	54·8	53·2	55·0	51·9	54·3	48·4	52·1	46·7	50·7	45·5	49·9	45·0	49·4	43·7	48·7	43·0	48·3	43·0	47·8	42·1	47·3	41·8	46·6	41·3	52·2	48·6
30	48·2	44·3	48·3	44·0	48·4	44·3	48·0	43·7	46·3	43·8	46·2	44·0	45·9	44·5	45·4	44·1	45·5	44·0	44·7	43·5	44·5	43·7	44·7	43·9	45·8	42·6
31	47·2	46·6	47·2	46·0	47·2	45·9	46·8	45·7	46·6	45·8	46·3	44·9	45·7	44·5	46·2	44·6	48·3	45·2	48·0	45·0	46·1	43·7	46·5	43·9	46·4	45·4
MEAN.	50·8	47·8	51·1	47·8	51·2	47·9	51·0	47·8	50·2	47·3	49·8	47·0	49·5	46·8	49·1	46·6	49·0	46·6	48·8	46·4	48·6	46·3	48·6	46·4	49·3	46·8

TEMPERATURE. DRY AND WET BULBS. NOVEMBER 1890.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	30·2	30·2	30·3	30·3	30·2	30·2	30·3	30·3	30·5	30·5	30·6	30·6	30·4	30·4	30·1	30·1	29·8	29·8	30·2	30·2	30·0	30·0	30·4	30·4	37·6	29·8
2	38·0	38·0	38·9	38·9	39·0	39·0	36·8	36·8	36·3	36·3	33·3	33·3	32·2	32·2	31·6	31·6	30·7	30·7	30·7	30·7	30·0	30·0	30·0	30·0	39·0	21·4
3	21·1	21·1	21·2	21·2	20·2	20·2	20·1	20·1	19·8	19·8	19·3	19·3	20·1	20·1	21·1	21·0	22·1	22·0	22·3	22·3	23·0	23·0	23·2	23·2	29·2	19·3
4	28·4	28·4	28·2	28·2	27·9	27·9	27·8	27·8	28·0	28·0	27·8	27·8	26·8	26·8	26·9	27·0	27·9	27·9	28·0	28·0	28·3	28·0	29·0	29·0	29·0	25·2
5	25·4	25·4	25·8	25·8	26·2	26·2	26·9	26·9	27·6	27·6	27·9	27·9	28·1	28·1	28·2	28·2	27·0	27·0	27·0	27·0	27·8	27·8	28·0	28·0	28·6	25·4
6	26·3	26·4	26·2	26·2	26·8	26·9	27·0	27·0	27·1	27·1	27·1	27·1	26·4	26·4	25·5	26·2	26·2	26·4	26·4	27·0	27·0	27·7	27·7	27·7	30·0	25·5
7	29·9	29·4	31·1	31·1	29·7	29·7	29·4	29·4	29·0	29·0	28·7	28·7	28·3	28·3	27·8	27·8	27·3	27·3	25·9	25·9	25·3	25·3	24·9	25·0	31·1	23·6
8	28·0	28·0	29·1	29·1	30·0	30·0	31·0	31·0	31·8	31·8	31·9	31·9	31·9	32·0	31·2	31·2	30·2	30·2	29·8	29·8	30·2	30·2	30·1	30·1	31·9	25·4
9	25·6	25·6	24·2	24·2	23·2	23·1	23·1	22·9	22·1	22·1	22·4	21·7	23·1	23·1	23·3	22·7	23·8	23·1	24·3	24·0	24·1	24·3	23·6	23·8	29·4	22·1
10	29·3	29·3	28·1	28·1	27·6	27·6	26·7	26·7	25·9	25·9	24·4	24·4	23·1	23·1	23·1	22·9	23·1	23·1	22·7	22·7	22·5	22·5	22·5	22·5	29·3	22·5
11	23·3	23·3	23·1	23·1	22·9	22·9	23·3	23·3	23·2	23·2	24·2	24·2	24·0	24·0	24·3	24·3	24·7	24·7	25·6	25·6	25·7	25·7	25·7	25·7	27·0	22·9
12	25·3	25·3	25·5	25·5	26·3	26·3	25·9	25·9	25·7	25·7	26·0	26·0	25·1	25·1	25·0	25·0	25·2	25·2	25·8	25·8	26·3	26·3	26·7	26·7	31·3	25·0
13	27·0	27·0	27·1	27·1	27·2	27·2	27·0	27·0	26·7	26·7	26·7	26·7	27·3	27·3	27·6	27·6	27·8	27·8	28·3	28·3	27·8	27·8	28·0	28·0	30·0	26·7
14	29·6	29·6	29·7	29·7	29·3	29·3	29·0	29·0	28·4	28·4	28·4	28·4	28·4	28·4	28·2	28·2	29·5	29·5	29·8	29·8	29·5	29·5	28·7	28·7	31·9	26·8
15	29·3	29·3	28·5	28·5	26·1	26·1	26·7	26·7	27·1	27·1	28·0	28·0	28·3	28·3	28·0	28·0	28·8	28·8	30·0	30·0	30·2	30·2	31·6	31·6	31·6	26·1
16	30·0	30·0	29·0	29·0	32·0	29·4	30·0	29·3	29·0	29·0	28·9	28·9	28·2	28·2	25·7	25·7	26·1	26·1	27·0	27·0	29·8	29·8	31·4	31·4	32·0	25·7
17	28·0	28·0	27·4	27·4	26·2	25·2	28·1	25·6	27·0	25·9	27·3	26·0	27·5	27·8	27·8	26·7	29·2	26·8	30·5	27·9	34·0	30·0	28·6	28·9	37·4	26·2
18	35·9	35·9	35·9	35·9	35·8	35·8	34·7	34·7	34·7	34·7	34·0	34·0	32·9	32·9	31·2	32·0	31·4	30·8	32·6	31·6	32·2	31·2	33·5	32·0	38·1	31·2
19	39·9	39·9	39·3	39·3	40·9	40·9	41·0	41·0	40·3	40·3	40·1	40·1	40·0	40·0	38·0	38·0	37·0	37·0	36·6	36·6	36·0	36·0	35·1	35·1	**41·0**	31·2
20	34·4	34·4	35·0	35·0	35·0	35·0	33·8	33·8	34·0	34·0	33·1	33·1	32·8	32·8	32·2	32·2	32·9	32·9	32·2	32·2	34·2	34·2	34·0	33·9	40·1	32·2
21	38·1	38·1	38·4	38·4	38·3	38·3	38·2	38·2	37·9	37·9	37·9	37·9	38·0	38·0	33·8	33·8	31·9	32·2	30·7	30·7	28·9	29·1	27·5	27·5	38·4	25·1
22	25·1	25·1	25·2	25·2	26·5	26·5	27·0	27·0	26·9	26·9	26·9	26·9	27·0	27·0	27·4	27·4	28·0	28·0	28·0	28·0	30·7	30·7	32·1	32·1	37·9	25·1
23	32·0	32·2	30·9	30·9	30·8	30·9	30·9	30·9	30·5	30·5	30·1	30·1	29·9	29·9	29·8	29·8	29·0	29·0	28·7	28·7	27·8	28·0	27·8	27·8	32·0	21·1
24	21·2	21·2	21·8	21·7	21·0	21·1	20·8	20·9	21·2	21·2	21·4	21·4	22·0	22·0	20·2	20·1	20·2	20·2	20·0	20·0	20·2	20·2	20·1	20·1	22·8	20·0
25	22·5	22·5	22·8	22·8	22·7	22·9	23·1	23·1	23·3	23·3	24·0	24·0	24·1	24·1	24·1	24·1	23·4	23·4	23·4	23·4	23·0	23·0	22·3	22·4	24·1	21·0
26	23·1	23·1	22·4	22·4	22·2	22·2	21·9	21·9	22·0	22·0	22·0	22·0	21·2	21·2	18·4	18·6	18·5	18·6	18·4	18·5	19·1	19·1	18·4	18·5	23·1	15·1
27	16·5	13·7	16·2	13·9	17·1	14·8	17·5	15·0	16·3	13·8	17·6	14·9	13·2	12·1	15·0	12·5	18·2	15·1	18·2	15·1	18·7	15·6	19·4	15·8	20·0	**13·2**
28	18·2	16·1	18·4	16·8	19·2	17·3	19·2	17·3	19·3	17·6	18·3	17·4	18·3	18·2	18·4	18·4	19·0	19·0	19·1	19·1	19·6	19·6	20·1	20·1	23·1	18·2
29	22·2	22·2	21·1	21·1	21·0	21·1	21·2	21·2	20·4	20·4	20·4	20·4	20·1	20·1	19·7	19·7	19·8	19·8	19·9	19·9	19·9	19·9	20·0	20·0	22·3	19·2
30	23·2	23·2	24·2	24·2	24·8	24·8	26·1	26·1	27·4	27·4	27·6	27·6	27·6	27·6	28·0	28·0	29·1	29·1	30·0	30·0	30·8	30·8	31·3	31·3	38·1	23·2
MEAN.	27·6	27·4	27·5	27·4	27·5	27·3	27·5	27·2	27·3	27·1	27·2	27·0	26·9	26·8	26·4	26·3	26·6	26·4	26·7	26·5	27·1	26·8	27·1	26·9	31·2	23·8

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	31·3	31·3	30·9	30·9	30·3	30·3	31·2	31·2	31·3	31·3	31·8	31·8	32·2	32·2	33·2	33·2	34·2	34·2	35·3	35·3	36·9	36·9	37·6	37·6	31·6	31·6
2	30·1	30·1	30·2	30·2	30·4	30·4	30·2	30·2	27·3	27·3	26·0	26·0	25·0	24·9	24·9	24·8	24·8	24·8	24·2	24·2	22·8	22·8	21·4	21·4	30·2	30·2
3	23·7	23·7	24·3	24·3	24·9	24·9	25·1	25·1	25·4	25·4	27·8	27·8	28·5	28·5	28·8	28·8	29·2	29·2	29·0	29·0	29·1	29·1	28·2	28·2	24·1	24·1
4	28·2	28·5	27·8	28·0	27·9	28·0	27·6	27·7	28·0	28·0	28·0	28·0	27·7	27·7	27·0	27·0	26·2	26·3	26·2	26·2	26·0	26·0	25·2	25·2	27·5	27·6
5	28·6	28·6	27·3	27·3	27·0	27·0	26·9	27·0	26·9	26·9	26·9	27·0	27·2	27·0	26·2	26·2	26·3	26·1	26·9	26·4	26·9	27·0	26·3	26·3	27·1	27·0
6	29·0	29·0	29·0	29·0	29·4	29·4	29·1	29·1	29·8	29·8	30·0	30·0	29·0	29·0	29·1	29·1	28·3	28·3	27·9	27·9	27·2	27·2	27·6	27·6	27·7	27·7
7	25·0	24·8	24·3	24·7	24·4	24·4	23·7	23·7	23·6	23·3	24·4	24·4	24·1	24·2	24·3	24·3	25·2	25·2	25·4	25·4	27·0	27·0	26·2	26·2	26·5	26·5
8	30·1	30·1	28·7	28·7	27·1	27·1	27·1	27·1	26·2	26·2	25·9	26·0	26·4	26·5	26·4	26·4	25·9	25·9	26·1	26·1	26·2	26·2	25·4	25·4	28·6	28·6
9	23·3	23·3	23·5	23·5	24·0	24·0	24·0	24·0	24·0	24·0	24·0	24·0	25·1	25·1	26·2	26·2	27·2	27·2	29·1	29·1	29·4	29·4	29·3	29·3	24·7	24·6
10	22·6	22·6	23·1	23·2	23·5	23·5	24·9	24·9	25·1	25·1	25·1	25·1	25·1	25·1	25·0	25·0	24·3	24·3	24·3	24·3	24·8	24·8	23·5	23·5	24·6	24·0
11	25·7	25·7	25·9	25·9	26·2	26·2	26·1	26·1	26·1	26·1	26·4	26·4	26·4	26·4	26·9	26·9	27·0	27·0	26·0	26·0	25·3	25·3	24·9	24·9	25·1	25·1
12	27·1	27·1	27·1	27·1	27·3	27·3	28·2	28·2	28·8	28·8	29·7	29·7	31·0	31·0	31·3	31·3	30·8	30·8	29·2	29·2	29·1	29·1	29·0	29·0	27·4	27·4
13	29·1	29·1	28·9	28·9	28·9	28·9	29·2	29·2	29·2	29·2	29·8	29·8	29·9	29·9	29·9	29·9	30·0	30·0	30·0	30·0	29·9	29·9	30·0	30·0	28·5	28·5
14	27·9	27·9	26·8	26·8	26·9	26·9	27·3	27·3	28·6	28·6	30·9	30·9	31·9	31·9	31·1	31·1	30·3	30·3	29·2	29·2	29·0	29·0	29·0	29·0	29·1	29·1
15	30·0	30·0	31·0	31·0	30·3	30·4	30·3	30·3	30·0	30·0	30·0	30·0	29·9	29·9	29·2	29·2	29·8	29·8	30·0	30·0	30·3	30·3	30·0	30·0	29·3	29·3
16	31·0	31·0	31·7	31·7	31·2	31·2	31·0	31·0	32·0	32·0	31·9	31·9	31·2	31·2	31·0	31·0	30·0	30·0	29·7	29·7	28·6	28·6	29·6	29·6	29·8	29·7
17	31·8	30·0	33·7	32·0	30·0	30·0	32·0	32·0	33·6	33·6	35·0	35·0	34·8	34·8	35·5	35·5	36·1	36·1	37·1	37·1	37·4	37·4	37·2	37·2	31·5	30·7
18	35·1	33·7	34·0	34·0	34·8	34·8	34·8	34·8	36·1	36·1	36·2	36·2	36·2	36·0	37·0	37·0	38·1	37·6	38·0	37·2	37·3	37·1	38·1	38·1	35·0	34·8
19	35·8	35·8	34·8	34·8	32·1	32·1	31·2	31·2	31·2	31·2	31·2	31·2	31·4	31·4	32·0	32·0	32·2	32·2	32·2	32·2	32·5	32·5	33·2	33·2	35·6	35·6
20	34·8	34·8	38·0	38·0	38·1	38·1	39·0	39·0	39·8	39·8	40·1	40·1	40·0	40·0	40·1	40·0	39·8	39·8	39·2	39·2	39·0	39·0	38·9	38·9	36·3	36·3
21	27·0	27·0	27·0	27·0	26·0	26·0	26·0	26·0	25·9	25·9	25·3	25·3	25·1	25·1	25·7	25·7	26·0	26·0	25·3	25·3	25·9	25·9	26·2	26·1	30·5	30·5
22	33·0	32·2	35·6	35·6	37·2	37·2	37·9	37·9	37·3	37·3	37·0	37·0	36·2	36·2	35·7	35·7	35·0	35·0	34·2	34·2	33·2	33·2	32·2	32·2	31·5	31·4
23	27·8	27·8	27·9	27·9	27·0	27·0	26·3	26·3	27·0	27·0	27·0	27·0	26·2	26·2	25·2	25·2	24·0	24·0	23·4	23·4	22·2	22·2	21·1	21·1	27·6	27·7
24	20·0	20·0	20·1	20·1	21·1	21·1	20·8	20·9	20·3	20·3	20·6	20·6	20·4	20·4	21·1	21·1	22·1	22·1	22·8	22·9	22·3	22·3	22·4	22·4	21·0	21·0
25	22·3	22·4	21·4	21·5	21·9	21·1	21·0	20·0	22·2	20·2	23·6	21·4	22·1	21·6	21·9	21·9	21·2	21·2	22·0	22·0	22·1	22·1	22·7	22·7	22·6	22·4
26	19·5	19·5	18·7	18·0	17·1	16·9	16·3	16·4	15·3	15·2	17·0	14·6	17·4	15·0	16·4	13·9	16·4	13·5	17·3	14·8	16·3	14·1	15·1	13·1	18·8	18·0
27	19·9	16·2	19·5	16·6	19·2	16·4	19·2	16·3	19·0	16·9	19·6	16·6	19·3	16·7	19·6	16·9	20·0	17·2	19·5	17·1	19·1	16·7	18·9	16·2	18·2	15·5
28	20·2	20·2	21·3	21·3	21·4	21·4	21·4	21·4	21·3	21·3	21·8	21·8	22·0	22·0	22·1	22·1	22·1	22·1	22·4	22·4	23·1	23·1	22·3	22·3	20·4	19·9
29	19·7	19·7	19·4	19·6	19·2	19·3	19·2	19·2	19·5	19·5	20·0	20·0	19·4	19·4	19·5	19·5	19·8	19·8	20·5	20·4	22·0	22·0	22·3	22·3	20·3	20·3
30	31·8	31·8	31·9	31·9	32·0	32·0	33·8	33·2	35·0	35·0	35·8	35·8	36·2	36·2	36·2	36·3	36·3	36·3	37·0	37·0	38·1	38·1	37·9	37·9	31·3	31·3
MEAN.	27·4	27·1	27·5	27·3	27·2	27·1	27·4	27·2	27·5	27·4	28·0	27·7	27·9	27·7	28·0	27·8	28·0	27·7	28·0	27·8	28·0	27·8	27·7	27·6	27·4	27·2

TEMPERATURE. DRY AND WET BULBS. NOVEMBER 1890

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	48·0	44·9	47·8	44·9	47·9	45·0	46·2	43·6	48·0	44·7	46·8	43·9	45·9	43·9	45·5	43·3	44·8	43·0	45·6	43·5	48·5	45·3	49·2	45·6	52·3	44·7
2	54·0	51·2	54·9	52·5	53·2	52·2	52·0	50·3	51·3	49·8	50·9	47·4	48·9	46·1	49·0	44·9	48·5	44·9	48·5	45·0	49·3	45·3	47·9	44·7	**55·8**	40·0
3	40·0	37·0	41·6	37·2	41·3	37·1	41·1	36·9	40·9	36·0	38·4	35·1	37·9	35·2	38·4	35·3	38·4	36·0	38·7	36·2	40·2	38·1	40·9	37·1	42·2	37·8
4	41·1	40·4	41·2	40·6	40·6	39·9	39·5	38·7	40·1	39·3	40·0	39·4	40·7	39·9	39·1	38·5	38·7	37·8	40·5	39·7	41·8	40·8	42·9	41·4	47·0	38·5
5	41·9	39·3	42·2	39·3	43·0	40·2	42·7	40·2	43·0	40·6	44·8	42·6	45·2	42·9	44·8	42·2	44·0	41·4	45·6	41·9	45·6	42·7	46·6	43·0	47·2	36·9
6	37·3	35·9	36·5	35·3	37·2	36·1	38·1	37·0	38·9	37·9	39·1	38·2	44·0	40·8	44·1	40·9	46·0	40·7	46·1	40·9	44·7	41·0	45·7	41·9	47·7	36·4
7	44·0	42·4	43·6	42·3	43·1	42·4	43·3	42·1	46·0	42·5	47·0	42·6	47·2	42·2	46·2	42·0	46·2	41·9	46·4	40·1	46·3	40·1	46·7	39·5	47·5	35·9
8	45·9	40·7	43·6	42·2	44·6	42·9	45·4	43·3	47·8	45·3	49·5	46·4	48·9	46·7	45·4	44·1	46·5	45·2	47·0	46·1	47·4	45·9	46·4	44·0	49·5	40·2
9	39·4	38·4	39·1	38·0	38·4	37·2	38·4	37·2	38·2	37·0	38·0	36·8	37·8	36·7	37·9	36·7	38·3	37·0	38·4	37·4	40·0	39·0	41·1	39·2	41·6	37·5
10	41·7	40·8	40·9	39·8	41·7	40·2	41·5	39·9	41·0	38·9	42·1	38·4	41·3	38·0	41·1	37·5	39·3	36·3	40·3	36·9	43·2	38·0	43·5	38·5	45·8	38·9
11	43·4	38·0	43·0	37·8	42·7	37·8	43·3	38·1	43·7	38·1	43·8	38·5	44·2	38·6	43·9	39·2	44·0	39·9	43·9	40·1	44·7	40·6	45·0	40·8	45·6	41·2
12	42·5	38·2	41·7	38·1	43·9	38·6	40·0	37·3	38·5	36·4	38·5	36·4	39·0	36·8	38·6	35·9	40·0	37·0	39·9	37·2	45·4	40·4	46·0	40·9	48·8	37·9
13	44·1	42·1	43·9	41·4	44·6	42·0	43·3	41·3	43·5	40·8	43·0	40·6	43·7	41·7	42·7	40·9	44·2	42·3	45·0	42·6	43·3	42·2	41·8	40·0	47·8	41·8
14	46·0	43·9	46·3	44·0	46·6	43·9	45·8	42·5	44·5	41·8	45·2	41·9	44·0	41·2	45·1	41·9	48·3	43·2	48·7	44·2	48·5	44·2	46·9	43·7	49·2	43·7
15	46·8	40·0	46·0	42·4	45·1	40·8	43·0	39·9	44·9	41·0	44·1	41·6	44·5	42·1	43·2	40·8	44·4	42·0	46·5	44·0	46·7	44·8	46·9	45·9	48·4	38·2
16	40·1	38·8	38·4	37·2	38·9	37·7	38·7	37·6	38·3	37·2	37·8	36·8	37·7	36·8	39·3	37·7	43·1	40·4	44·0	40·6	42·2	40·4	44·4	41·8	48·0	37·7
17	43·8	41·2	42·9	40·8	41·2	39·7	41·2	39·4	38·6	37·3	37·9	36·5	37·6	36·4	35·0	34·0	35·9	34·9	38·0	36·3	38·9	37·6	41·3	39·5	51·8	34·9
18	50·8	50·4	50·7	50·2	50·4	50·3	50·6	49·3	50·1	48·4	49·2	47·5	48·0	46·0	46·2	45·0	46·0	44·4	46·7	45·2	48·2	46·9	49·5	48·0	51·8	45·3
19	51·2	49·3	51·0	50·3	51·1	50·8	51·4	51·6	52·3	52·3	53·0	53·0	54·0	53·1	53·0	51·8	52·4	51·8	52·5	51·1	53·3	50·7	53·3	49·5	54·1	47·0
20	50·0	48·4	50·0	49·0	50·2	48·7	50·8	47·8	49·9	47·9	48·8	46·4	49·3	47·0	48·9	47·0	49·3	47·1	49·7	47·0	50·0	47·4	50·1	48·1	53·5	48·5
21	52·9	51·7	52·3	51·6	51·7	51·2	51·3	51·1	51·1	50·7	51·8	51·0	51·8	51·1	49·2	46·8	48·3	45·4	47·5	44·8	47·9	43·9	47·5	43·0	53·0	41·7
22	41·5	39·7	43·9	39·8	45·6	41·8	44·6	41·9	45·9	41·1	45·3	41·1	45·0	41·3	45·7	42·1	44·8	42·6	44·5	42·6	45·9	44·4	47·7	46·6	53·9	41·0
23	48·9	45·8	49·2	45·1	48·2	45·1	47·4	45·0	47·8	45·0	47·8	44·8	48·0	44·1	47·3	44·0	46·9	43·8	46·0	43·6	46·3	43·1	45·7	43·7	50·3	38·4
24	38·6	37·2	39·2	37·3	38·5	36·8	37·0	35·2	38·1	36·0	40·2	37·3	39·0	36·6	38·4	36·6	38·9	36·0	38·4	35·9	38·7	36·9	36·9	35·4	40·8	35·2
25	36·9	34·8	36·6	34·3	37·0	34·7	38·5	35·8	38·7	37·0	39·8	38·1	40·3	38·0	41·6	38·1	41·0	38·0	42·6	38·5	41·7	38·2	40·3	37·8	43·1	35·0
26	35·9	34·8	35·4	34·9	36·0	35·2	35·9	35·1	35·9	35·2	35·8	35·0	35·8	35·0	35·0	34·3	35·7	34·6	35·9	34·9	36·9	35·2	37·2	35·3	37·9	26·7
27	25·8	24·3	25·0	23·8	24·9	23·9	24·2	23·2	24·2	23·0	23·2	22·4	23·8	22·9	24·2	23·2	24·1	23·1	23·9	22·7	24·5	23·1	25·8	24·3	29·1	**23·4**
28	26·4	24·8	26·4	24·9	27·5	25·9	28·4	26·7	28·9	26·9	27·7	26·2	28·4	27·1	29·3	28·1	30·4	29·0	30·2	28·0	29·4	28·8	30·3	29·8	32·9	26·2
29	33·0	32·2	32·9	32·2	34·0	32·9	34·0	32·9	34·0	32·9	33·2	32·2	33·7	32·7	33·0	32·1	33·9	32·1	35·2	32·2	36·3	33·7	37·0	33·8	40·9	32·9
30	38·4	36·3	38·9	37·7	39·4	37·3	40·8	38·2	41·7	39·0	42·4	40·1	43·5	40·6	44·0	41·3	44·5	41·8	45·4	43·1	46·4	43·9	47·0	44·5	51·2	37·9
MEAN	42·3	40·1	42·2	40·2	42·3	40·3	41·9	40·0	42·2	40·0	42·2	39·9	42·3	40·0	41·8	39·5	42·2	39·8	42·7	40·1	43·4	40·8	43·7	40·9	47·0	38·0

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	49·6	46·0	50·0	46·3	49·4	45·1	49·5	45·2	49·5	45·0	48·1	45·3	47·8	45·4	48·6	45·9	49·0	47·1	49·1	48·0	51·7	49·3	52·1	50·4	48·3	45·4
2	49·1	45·3	49·7	45·0	49·3	45·0	47·0	43·6	45·1	41·8	43·9	40·5	43·1	40·3	42·8	39·9	43·3	39·4	42·3	39·0	41·8	38·6	40·0	37·1	47·7	44·6
3	40·8	37·2	40·0	38·0	40·3	38·2	42·0	38·9	41·5	39·1	40·7	39·0	40·8	39·2	41·2	39·8	41·6	40·7	41·7	40·8	41·8	40·8	41·9	40·7	40·5	37·9
4	44·1	42·3	45·3	42·8	46·0	43·1	45·4	43·0	45·0	42·7	43·8	42·3	44·5	42·1	44·0	41·3	43·7	41·0	43·0	40·0	42·8	40·1	41·9	39·0	42·3	40·7
5	47·0	43·6	46·6	43·1	46·5	43·4	45·0	42·0	43·1	40·3	43·7	41·7	43·1	41·0	41·0	38·8	40·8	38·3	39·5	37·1	37·8	35·9	36·9	35·8	43·4	40·7
6	47·2	43·2	47·4	43·4	47·0	43·5	45·9	43·2	46·5	43·5	46·5	43·0	46·2	43·0	46·4	42·9	46·2	42·8	46·1	42·2	46·0	41·9	45·8	42·0	44·0	40·9
7	46·7	39·4	46·3	39·9	46·9	40·7	44·9	40·0	41·8	37·6	40·3	36·9	38·2	35·1	39·1	36·8	38·5	36·6	38·0	36·3	37·0	35·7	42·0	39·6	43·6	39·8
8	45·8	43·9	44·2	43·3	43·6	41·4	43·5	42·1	42·9	40·8	42·0	40·0	42·1	40·2	41·8	39·6	41·1	40·0	41·3	40·0	41·0	39·4	40·2	39·1	44·5	42·6
9	41·3	39·6	40·5	39·0	39·9	38·5	38·8	37·5	38·9	37·7	38·5	37·7	38·6	37·8	38·6	37·7	38·9	38·0	38·9	37·9	40·4	39·1	40·9	39·8	39·1	38·0
10	45·0	37·4	44·9	37·9	45·7	38·6	45·2	39·2	45·0	39·8	43·9	39·7	43·6	39·7	44·4	38·9	41·8	38·6	42·2	38·9	43·7	39·0	43·3	38·2	42·8	38·7
11	45·0	40·9	45·1	40·8	45·2	41·0	44·5	40·9	43·2	40·3	44·0	40·2	44·0	40·3	43·4	40·0	43·0	40·1	43·2	39·0	43·7	39·2	44·2	39·1	43·9	39·6
12	46·6	41·2	46·4	41·8	47·2	41·9	47·1	42·5	46·8	43·1	47·2	43·6	47·8	44·5	48·4	45·4	48·2	45·7	45·9	43·9	44·7	42·9	45·4	42·5	44·0	40·5
13	43·9	42·8	43·8	42·2	45·1	43·3	45·8	43·6	46·3	44·7	46·0	44·2	46·1	44·2	47·4	44·3	46·9	44·9	46·2	44·8	47·0	44·4	46·4	44·0	44·9	42·7
14	45·8	42·0	45·0	41·0	47·9	43·3	47·7	43·4	46·1	43·4	45·0	43·7	44·1	43·5	44·0	43·4	44·0	43·3	44·9	43·0	46·4	43·2	46·6	43·3	46·0	43·0
15	47·0	45·2	47·8	45·7	48·0	44·9	45·9	43·8	45·8	43·3	44·3	42·1	43·1	41·2	42·5	41·0	40·7	39·4	38·7	37·8	38·3	37·1	39·9	38·5	44·3	42·1
16	43·1	41·3	43·1	42·0	45·5	44·3	45·3	44·6	46·4	45·7	46·9	45·8	47·3	44·5	46·4	44·2	46·6	43·7	46·7	43·3	45·4	42·6	46·0	43·5	43·0	41·2
17	43·9	41·6	44·9	42·6	45·1	42·8	44·7	42·1	49·3	45·9	49·9	47·1	51·0	48·1	50·8	48·2	50·8	49·2	50·6	49·9	50·4	50·2	51·2	50·7	44·0	42·2
18	49·2	48·4	49·9	48·4	50·2	48·7	49·9	49·0	49·6	47·9	48·0	47·0	48·0	48·0	49·9	47·6	49·0	47·8	50·0	47·9	49·8	48·2	50·3	48·7	49·3	47·9
19	53·1	50·1	52·8	49·0	49·2	46·0	47·4	45·6	47·5	45·7	47·3	45·9	47·1	44·9	48·1	46·0	48·0	46·1	49·2	46·8	48·9	46·7	49·6	47·0	50·7	49·0
20	50·6	48·8	49·6	48·7	48·9	48·3	48·9	48·3	50·0	49·7	50·9	50·6	52·8	52·4	52·4	52·2	52·7	52·3	53·2	52·3	52·4	52·0	52·3	51·7	50·5	49·1
21	47·5	42·2	45·0	42·1	44·2	41·1	43·3	40·2	44·0	40·8	43·3	39·9	42·7	39·9	42·2	40·0	43·8	40·6	42·5	40·2	43·8	40·4	43·8	40·6	47·1	44·6
22	48·3	47·8	50·0	49·1	51·6	50·3	53·3	51·0	53·7	50·8	53·0	50·4	52·7	50·0	52·0	49·3	52·5	48·5	52·2	48·0	50·8	47·1	50·3	46·9	48 4	45·6
23	45·1	43·7	44·9	43·6	44·2	43·0	43·3	42·7	43·6	43·0	42·8	42·0	41·0	39·3	41·3	40·0	41·0	39·2	40·0	38·3	39·7	38·1	38·4	37·0	44·8	42·6
24	38·6	36·4	39·7	36·3	38·2	36·6	39·1	36·9	38·3	36·5	39·0	36·9	36·7	34·9	35·3	33·8	35·8	34·2	35·4	34·2	35·3	33·9	36·0	34·9	37·9	35·9
25	40·8	38·0	41·1	37·8	39·6	36·1	38·1	35·2	35·6	33·4	36·0	33·9	36·6	34·1	36·1	34·3	36·0	34·2	35·3	34·1	35·7	34·7	35·8	34·9	38·4	36·0
26	37·9	35·7	37·2	34·7	37·3	34·1	35·1	32·8	34·0	31·9	33·0	30·7	30·4	29·0	29·7	28·0	28·1	26·3	27·7	26·1	26·9	25·9	26·8	25·2	34·0	32·5
27	28·0	26·1	28·8	26·6	28·7	26·1	27·0	24·9	25·5	23·9	24·3	23·0	24·3	23·0	24·3	22·9	24·9	23·3	25·9	23·9	26·1	24·4	26·3	24·8	25·3	23·9
28	31·1	30·4	31·6	30·9	31·4	31·0	31·1	30·7	31·1	30·9	31·3	31·0	31·8	31·2	31·9	31·2	32·0	31·2	32·0	31·7	32·8	32·1	32·9	32·2	30·2	29·2
29	37·9	34·1	37·9	34·1	38·6	34·2	38·3	34·3	38·8	34·5	38·9	34·9	39·1	34·7	39·1	34·7	39·1	35·0	40·3	35·3	40·5	35·8	40·4	36·2	36·6	33·7
30	47·0	45·0	47·4	45·6	46·7	45·9	46·2	45·9	48·3	47·5	48·9	48·1	49·9	48·7	49·6	48·9	49·4	49·0	50·0	49·4	51·0	50·3	50·2	50·0	45·7	44·1
MEAN	44·2	41·3	44·2	41·4	44·2	41·3	43·6	41·1	43·4	41·0	43·0	40·9	42·8	40·7	42·8	40·6	42·6	40·6	42·4	40·3	42·5	40·3	42·6	40·4	42·8	40·5

TEMPERATURE. DRY AND WET BULBS. DECEMBER 1890.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	37·3	37·4	37·3	37·3	37·9	37·9	37·9	37·9	37·7	37·7	37·8	37·8	38·1	38·1	38·4	38·4	38·0	38·0	38·2	38·2	38·8	38·8	38·6	38·6	**39·0**	37·3
2	38·5	38·5	38·8	38·8	38·3	38·4	38·1	38·1	37·9	37·9	37·8	37·8	37·0	37·0	36·9	36·9	36·6	36·6	36·6	36·6	35·3	35·3	34·0	34·0	38·8	26·0
3	23·3	23·3	21·2	21·4	20·1	20·1	20·3	20·3	20·2	20·2	19·4	19·4	18·9	18·9	18·9	18·9	19·2	19·2	19·1	19·1	19·7	19·7	20·2	20·2	23·3	17·0
4	18·2	18·2	19·2	19·2	20·0	20·0	20·8	20·8	20·9	20·9	20·1	20·1	20·4	20·4	20·3	20·3	20·7	20·7	20·2	20·2	20·2	20·2	21·0	21·0	23·5	18·2
5	22·1	22·1	20·8	20·8	20·5	20·4	21·2	21·2	20·9	20·9	20·9	20·9	20·9	20·9	20·4	20·4	20·4	20·4	20·5	20·5	20·2	20·2	20·0	20·0	22·1	19·5
6	20·0	20·0	20·0	20·0	20·0	19·9	19·0	19·2	20·9	20·2	20·9	20·2	20·1	19·7	19·1	18·9	18·0	18·4	18·8	19·0	19·8	19·9	20·1	20·1	22·9	18·0
7	21·3	21·3	21·6	21·7	21·7	21·7	21·7	21·7	21·1	21·1	21·0	21·0	20·9	20·9	21·8	21·8	22·1	22·1	22·4	22·3	22·6	22·6	22·2	22·2	22·9	19·9
8	20·1	20·1	20·0	20·0	20·0	20·0	18·9	18·9	17·8	17·8	16·7	16·7	16·0	16·2	16·8	17·0	17·9	17·9	18·8	18·8	19·2	19·2	19·9	19·9	22·3	16·0
9	22·0	22·0	22·3	22·3	22·7	22·7	23·1	23·1	23·6	23·6	23·8	23·8	23·9	23·9	23·7	23·7	23·7	23·7	23·9	23·8	23·6	23·5	23·1	22·9	23·9	15·7
10	19·1	19·1	18·0	18·0	19·2	19·1	18·8	18·3	19·4	19·4	19·8	19·9	19·6	19·7	19·4	19·5	19·8	19·9	21·2	20·8	21·3	21·5	22·5	22·6	27·1	18·0
11	27·9	27·9	27·6	27·6	27·2	27·2	28·0	28·0	28·1	28·1	28·3	28·3	28·1	28·1	28·1	28·1	27·8	27·8	28·2	28·2	28·3	28·3	28·3	28·3	29·9	27·2
12	29·4	29·4	28·9	28·9	28·0	28·1	27·8	27·9	27·5	27·5	27·0	27·0	26·9	26·9	26·9	26·9	26·9	26·9	27·5	27·1	27·9	27·6	28·0	28·1	29·4	26·9
13	27·0	27·0	26·7	26·8	27·0	27·0	26·6	26·6	26·0	26·1	26·0	26·1	25·9	25·9	25·9	25·7	25·3	25·1	23·7	22·0	22·9	20·9	24·6	20·2	27·8	19·9
14	21·1	21·1	23·2	23·2	23·1	23·1	23·9	23·9	22·8	22·8	23·0	23·0	23·6	23·6	23·3	23·3	23·2	23·2	23·9	23·9	24·2	24·2	25·1	25·1	29·4	21·1
15	23·7	23·7	23·8	23·8	24·2	24·2	24·6	24·6	24·8	24·8	25·3	25·3	25·7	25·7	26·2	26·2	27·1	27·1	27·1	27·1	25·9	25·9	25·5	25·5	27·1	21·1
16	21·3	21·2	20·3	20·3	20·1	20·1	19·6	19·6	18·7	18·6	18·3	18·3	18·7	18·7	18·5	18·5	18·6	18·6	19·0	19·0	18·4	18·4	18·9	18·9	21·3	18·0
17	18·1	18·1	18·1	18·1	18·0	18·0	18·1	18·1	17·8	17·8	17·8	17·8	17·8	17·8	17·2	17·2	17·2	17·2	17·5	17·5	17·5	17·5	17·1	17·1	18·3	16·4
18	16·2	16·2	15·6	15·6	15·1	15·1	15·0	15·0	14·9	14·9	15·0	15·0	14·8	14·8	13·8	13·8	13·3	13·3	13·7	13·7	13·6	13·7	13·5	13·7	16·2	9·6
19	9·3	9·3	9·0	9·1	9·3	9·3	12·3	12·1	10·1	10·7	12·1	12·2	12·9	13·0	14·0	14·0	14·1	14·1	16·4	16·5	16·5	16·6	16·4	16·5	20·3	**9·0**
20	19·9	19·9	20·2	20·2	20·5	20·5	21·2	21·2	21·2	21·2	21·7	21·7	22·2	22·2	21·9	21·9	22·3	22·3	22·2	22·2	22·8	22·8	22·3	23·3	23·3	19·9
21	20·8	20·6	21·8	20·7	22·1	21·0	21·5	21·1	21·6	20·9	21·1	21·2	20·8	20·8	21·9	21·9	21·9	21·9	21·9	21·9	22·1	22·1	22·2	22·2	22·5	20·2
22	22·3	20·9	22·9	20·8	22·3	20·2	21·9	19·9	22·0	20·4	20·7	20·7	22·3	22·3	22·4	22·4	23·2	23·2	24·5	24·5	25·0	25·0	25·0	25·0	28·9	20·7
23	29·1	29·1	29·9	29·9	29·2	29·2	30·0	30·0	29·9	29·9	29·9	29·9	31·3	31·3	31·0	31·0	30·8	30·8	30·0	30·0	29·8	29·8	29·7	29·7	31·3	23·3
24	24·1	24·1	24·1	24·1	24·2	24·2	24·4	24·4	24·3	24·3	25·3	25·3	25·3	25·3	26·0	26·0	25·4	25·4	26·1	26·1	29·5	28·3	30·3	29·0	30·3	23·9
25	23·4	23·4	24·1	24·1	24·0	24·0	23·9	23·9	24·2	24·2	23·7	23·7	23·7	23·7	23·9	23·9	24·6	24·6	25·2	25·2	24·9	24·9	24·7	24·7	25·2	19·2
26	21·1	21·1	21·2	21·2	20·2	20·3	20·1	20·1	19·6	19·6	19·0	19·0	17·4	17·4	18·7	17·1	18·2	17·2	18·4	17·0	18·0	17·3	18·2	18·0	21·2	16·0
27	20·1	20·0	20·2	20·2	20·2	20·2	20·3	20·3	19·3	19·3	19·0	19·0	19·0	19·0	18·5	18·5	19·0	19·0	18·7	18·7	19·8	19·8	20·0	20·0	21·0	18·5
28	20·2	20·2	20·5	20·5	20·8	20·8	20·6	20·6	20·3	20·3	20·2	20·2	19·5	19·5	19·0	19·0	19·1	19·1	17·5	17·5	17·1	17·1	18·2	18·2	20·8	17·1
29	16·2	16·2	16·0	16·1	15·2	15·1	15·4	15·0	16·0	15·0	16·0	15·3	16·1	15·4	16·3	16·2	16·3	16·7	17·6	17·5	18·2	18·1	18·8	18·6	19·1	15·2
30	18·0	18·0	18·0	18·0	18·0	18·0	17·6	17·6	17·4	17·4	17·9	17·9	17·9	17·9	18·1	18·1	18·2	18·2	17·8	17·8	17·6	17·6	18·3	17·8	18·3	16·2
31	16·1	16·1	17·2	15·2	15·8	15·9	16·1	16·1	16·7	16·7	17·2	17·2	17·1	17·1	16·8	16·8	17·0	17·0	17·4	17·4	18·0	18·0	18·4	18·4	19·4	15·8
MEAN.	22·2	22·1	22·2	22·1	22·1	22·0	22·2	22·1	22·1	21·9	22·0	22·0	22·0	22·0	22·1	22·0	22·1	22·1	22·4	22·3	22·5	22·4	22·8	22·6	24·4	19·4

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	38·2	38·2	38·3	38·3	38·1	38·1	38·2	38·2	38·2	38·2	38·1	38·1	38·3	38·3	38·6	38·6	39·0	39·0	38·8	38·8	38·6	38·7	38·3	38·3	38·2	38·2
2	33·1	33·1	32·8	32·8	32·2	32·2	31·9	32·0	31·9	31·9	31·0	31·0	31·0	31·0	30·6	30·6	30·7	30·7	29·9	29·9	27·3	27·3	26·0	26·1	33·9	33·9
3	20·9	20·9	21·4	21·4	21·7	21·7	21·9	21·9	21·9	21·9	21·3	21·3	20·9	20·9	19·9	19·9	18·7	18·8	17·0	17·0	17·6	17·6	18·0	18·1	20·1	20·1
4	20·3	20·3	20·2	20·2	20·9	20·9	20·2	20·2	20·7	20·7	21·3	21·3	22·1	22·1	22·8	22·9	23·3	23·3	23·5	23·5	23·4	23·4	23·2	23·2	21·0	21·0
5	20·0	20·0	20·1	20·1	20·7	20·7	20·1	20·1	20·5	20·4	20·2	20·2	20·4	20·4	20·5	20·5	20·4	20·4	19·8	19·9	19·5	19·6	21·5	21·0	20·5	20·5
6	21·0	21·0	21·0	21·0	20·8	20·8	21·5	21·5	21·6	21·6	22·2	22·2	22·9	22·9	22·6	22·6	22·2	22·2	21·5	21·6	21·2	21·2	21·2	21·2	20·7	20·6
7	22·9	22·9	22·9	22·9	21·9	21·9	21·3	21·4	21·2	21·2	21·1	21·1	20·8	20·8	20·2	20·2	20·0	20·0	19·9	19·9	20·0	20·0	20·3	20·3	21·4	21·4
8	20·2	20·2	20·8	20·8	20·9	20·9	20·9	20·9	21·6	21·6	21·6	21·6	22·3	22·3	22·2	22·2	21·5	21·5	21·3	21·3	21·2	21·2	21·9	21·8	19·9	20·0
9	21·9	21·8	19·4	19·5	17·9	18·0	17·0	17·1	16·0	15·7	15·7	15·9	16·8	17·0	17·5	17·7	18·1	18·1	18·2	18·2	18·2	18·2	19·0	19·0	20·6	20·6
10	22·4	22·5	21·3	21·4	21·1	21·0	21·3	21·0	21·2	21·2	22·2	22·2	23·9	23·9	25·1	25·1	25·1	25·1	25·1	25·1	26·9	26·9	27·1	27·1	21·7	21·7
11	28·2	28·2	28·6	28·6	28·0	28·0	27·9	27·9	28·7	23·7	28·7	28·7	28·6	28·6	28·1	28·1	27·9	27·9	29·2	29·2	29·1	29·1	29·9	29·9	28·3	28·3
12	28·2	28·3	28·9	28·9	28·9	29·0	29·2	29·3	29·3	29·3	29·2	29·2	28·0	28·1	28·1	28·1	28·2	28·2	28·1	28·2	27·9	27·9	27·9	27·9	28·1	28·1
13	26·1	22·1	23·2	21·1	25·4	22·1	27·8	24·7	27·3	24·8	24·4	22·7	24·8	22·3	24·5	23·1	22·3	20·0	25·8	22·1	20·0	19·0	19·9	19·9	25·0	23·5
14	25·7	25·7	26·3	26·3	27·3	27·8	28·1	28·1	28·7	28·7	29·4	29·4	27·2	27·2	24·4	24·5	24·1	24·1	24·0	24·0	23·9	23·9	24·1	24·1	24·8	24·8
15	24·6	24·6	25·0	25·0	25·2	25·2	25·2	25·2	25·2	25·2	24·5	24·5	24·1	24·1	23·5	23·5	24·0	24·0	23·2	23·2	22·3	22·4	21·1	21·1	24·7	24·7
16	19·1	19·1	19·1	19·1	18·7	18·8	18·5	18·5	18·2	18·2	18·0	18·0	18·3	18·3	18·1	18·1	18·2	18·2	18·2	18·2	18·2	18·2	18·3	18·3	18·8	18·8
17	16·9	16·9	17·1	17·1	16·5	16·6	16·4	16·5	17·2	17·2	17·7	17·7	18·2	18·2	18·3	18·3	18·2	18·1	18·0	18·0	17·3	17·3	16·4	16·6	17·5	17·5
18	13·6	13·6	12·2	12·2	11·1	11·1	10·4	10·4	10·3	10·4	10·2	10·3	10·2	10·3	10·5	10·9	10·9	11·0	10·3	10·3	9·6	9·7	9·6	9·8	12·6	12·7
19	17·4	17·4	17·6	17·5	17·4	17·4	18·0	18·0	18·3	18·2	18·4	18·3	18·4	18·3	20·3	20·2	20·3	20·2	19·1	19·1	19·1	19·1	20·0	20·0	15·7	15·7
20	23·3	23·3	23·1	23·1	22·3	22·3	21·4	21·2	23·1	21·3	22·2	21·0	21·6	20·6	21·2	20·3	21·7	21·0	22·2	21·0	21·7	20·4	20·3	20·4	21·8	21·5
21	22·5	22·6	21·8	21·8	21·1	21·1	21·1	21·1	21·1	21·1	20·5	20·5	20·7	20·7	21·2	21·2	20·8	20·9	20·8	20·8	20·2	20·1	21·8	20·2	21·4	21·2
22	26·0	26·0	26·0	26·0	26·2	26·2	26·3	26·3	26·4	26·4	27·2	27·2	27·6	27·6	27·6	27·6	28·0	28·0	28·9	28·9	28·9	28·9	28·8	28·8	25·1	24·7
23	29·0	29·0	28·0	28·0	28·0	28·0	27·1	27·1	26·2	26·2	26·9	26·9	26·5	26·5	25·3	25·3	24·6	24·7	23·9	24·1	24·1	24·1	23·3	23·4	28·1	28·1
24	26·2	26·6	26·0	26·1	25·7	25·8	26·0	26·0	26·0	26·1	26·0	26·0	25·0	25·0	25·1	25·1	25·1	25·1	24·2	24·2	24·1	24·1	23·9	24·0	25·5	25·4
25	24·1	24·1	23·7	23·8	24·1	24·1	23·3	23·3	22·6	22·6	21·4	21·4	20·9	20·9	19·2	19·2	20·0	20·0	20·1	20·1	20·3	20·3	20·8	20·8	23·0	23·0
26	17·8	17·8	17·8	17·8	17·4	17·4	17·2	17·0	16·8	16·6	16·3	16·2	16·0	15·5	16·2	15·4	17·9	16·9	19·0	18·0	19·3	19·1	19·3	19·3	18·4	18·0
27	20·7	20·7	21·0	21·0	20·7	20·8	20·0	20·0	19·8	19·8	20·0	20·0	20·0	20·1	19·7	19·7	20·1	20·1	20·0	20·0	19·7	19·7	20·1	20·1	19·8	19·8
28	18·3	18·3	18·8	18·8	18·9	18·9	19·1	19·1	19·2	19·2	19·5	19·5	19·2	19·2	19·2	19·2	18·5	18·5	18·0	18·0	17·7	17·7	17·1	17·1	19·0	19·0
29	18·2	18·3	19·1	18·8	18·3	18·4	18·6	18·7	18·5	18·5	18·0	18·0	18·3	18·3	17·3	17·3	18·3	18·3	19·0	19·0	18·5	18·6	18·9	18·9	17·5	17·3
30	17·2	17·3	17·3	17·5	17·3	17·5	17·3	17·4	17·1	17·1	17·4	17·4	17·9	17·9	17·9	17·9	17·8	17·8	17·2	17·3	16·4	16·5	16·2	16·2	17·6	17·6
31	18·2	18·2	18·6	18·6	18·7	18·7	18·5	18·5	18·7	18·7	18·9	18·9	18·5	18·5	19·1	19·1	19·1	19·1	19·2	19·2	19·2	19·2	19·4	19·4	17·9	17·8
MEAN.	22·7	22·5	22·5	22·4	22·4	22·3	22·3	22·2	22·4	22·2	22·2	22·2	22·2	22·1	22·1	22·0	22·1	22·0	22·0	21·9	21·7	21·6	21·7	21·7	22·2	22·1

TEMPERATURE. DRY AND WET BULBS. DECEMBER 1890.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	51·6	51·0	51·3	50·9	51·9	50·9	52·1	51·1	51·9	50·9	50·6	50·3	50·7	50·4	50·9	50·4	51·0	50·6	51·1	50·7	51·1	50·8	51·6	51·0	52·3	51·2
2	50·8	50·6	50·5	50·2	51·2	50·9	50·0	49·9	50·9	50·6	50·0	50·0	49·7	49·4	50·0	49·9	49·7	49·2	49·8	49·3	49·4	49·1	50·0	49·4	51·2	43·2
3	41·9	38·3	40·4	37·1	39·9	36·1	39·0	35·6	38·9	35·4	38·7	34·9	38·7	34·2	38·6	34·7	38·1	35·0	38·2	34·8	38·1	35·0	38·0	35·6	43·2	34·9
4	35·9	32·7	36·1	33·3	35·6	34·1	36·3	35·0	36·3	34·9	36·4	34·9	36·4	34·9	36·1	34·8	36·5	35·0	36·1	34·9	37·2	35·7	37·7	35·9	39·5	35·1
5	39·0	36·9	38·0	36·0	38·4	35·9	39·0	35·3	40·7	35·9	39·8	35·9	40·6	35·7	40·5	35·9	41·9	36·0	41·7	36·1	41·9	36·0	41·2	35·8	42·0	33·9
6	32·9	30·9	33·7	31·0	32·9	30·4	32·9	30·3	32·3	30·1	32·0	30·0	31·9	30·0	31·3	30·0	31·8	30·0	31·8	30·0	32·5	30·8	34·0	31·7	36·5	31·2
7	34·9	32·9	34·2	32·2	32·2	30·8	31·3	30·2	30·4	29·2	30·0	28·8	30·7	29·9	31·0	30·3	31·6	30·3	33·2	32·1	33·5	32·2	34·4	32·2	40·2	30·0
8	39·7	35·2	39·7	35·2	39·0	34·9	38·4	34·2	36·5	32·7	37·0	32·0	36·1	31·7	35·5	31·2	33·2	30·3	33·3	30·6	34·6	31·5	33·2	32·7	40·2	32·7
9	38·9	35·0	39·9	35·7	40·4	37·0	41·1	36·9	40·5	37·0	41·0	37·7	40·9	37·8	40·9	37·8	41·0	38·2	41·2	38·3	39·5	38·1	38·5	38·0	42·0	28·7
10	31·0	29·9	30·4	29·0	31·2	29·5	30·8	29·2	30·2	28·8	31·9	30·2	30·5	29·2	30·7	29·3	30·6	28·9	31·3	29·6	32·0	30·1	33·3	31·7	35·0	30·0
11	35·2	33·6	35·4	34·2	35·8	34·1	37·2	35·3	38·1	36·2	39·2	37·6	43·4	40·6	42·1	39·7	43·1	40·6	43·1	40·6	43·7	41·2	44·1	41·8	45·0	34·1
12	41·4	39·7	41·0	39·4	40·0	38·4	38·6	37·4	38·5	37·2	38·0	36·8	37·2	36·2	37·7	36·3	38·2	36·9	36·7	35·3	39·3	37·8	40·1	38·7	42·3	36·2
13	39·2	38·2	38·9	38·0	39·0	38·1	39·0	38·0	38·8	37·9	38·9	37·8	39·8	38·3	39·0	37·4	37·1	35·9	37·0	35·8	37·8	36·2	37·3	35·9	39·9	35·2
14	38·8	35·6	39·8	36·2	40·1	37·4	40·0	37·6	40·9	38·1	40·2	37·8	40·3	38·1	40·2	38·0	40·6	38·5	41·0	39·0	41·7	39·4	41·9	39·3	45·2	38·1
15	41·7	39·2	42·2	39·2	42·1	39·3	41·5	39·2	41·0	38·9	40·9	39·0	40·8	39·0	40·7	38·8	40·3	38·7	40·2	38·8	43·9	41·0	44·0	40·0	42·9	40·0
16	41·4	36·0	40·5	36·0	40·2	35·2	40·0	35·0	39·6	34·2	39·5	34·2	39·2	33·9	36·6	33·0	38·0	33·6	35·8	32·6	38·9	33·7	39·2	33·7	40·4	33·8
17	34·0	31·1	33·1	30·1	37·4	32·9	36·0	32·1	36·0	32·1	38·0	33·0	37·2	32·7	37·5	33·0	36·0	31·5	36·9	32·2	37·9	33·0	38·0	33·1	38·3	32·1
18	36·6	31·8	35·5	30·9	35·5	31·0	35·1	30·6	35·0	[32·3]	34·9	31·9	35·0	32·0	34·0	31·6	34·0	30·9	33·3	30·5	34·7	30·8	34·1	30·0	37·1	31·9
19	36·7	[32·0]	37·8	30·2	35·9	30·7	33·2	27·7	33·0	28·1	33·1	28·9	34·1	30·1	34·0	30·6	34·0	30·8	32·2	30·7	31·7	30·8	31·8	30·8	38·0	31·6
20	35·2	32·9	35·4	33·3	35·7	34·0	34·8	33·9	35·1	34·4	35·1	34·2	35·7	34·9	36·0	35·1	36·7	35·5	36·2	35·3	37·0	35·9	37·8	36·2	38·3	31·1
21	30·4	29·2	30·1	29·0	29·6	28·0	27·7	27·7	28·1	27·2	27·1	26·1	29·3	28·9	30·0	28·9	29·1	28·2	30·1	29·0	32·2	30·3	32·5	30·5	39·1	27·1
22	37·0	33·6	36·8	33·3	37·0	33·4	37·0	34·3	37·6	33·0	37·8	34·0	38·4	35·9	39·0	36·2	39·4	36·7	40·4	37·5	41·3	38·2	42·5	39·0	44·3	35·9
23	43·4	41·3	44·3	41·9	43·4	41·0	44·0	41·8	45·8	42·4	45·0	42·4	47·5	44·8	45·4	44·2	45·0	44·2	44·6	43·3	45·0	43·7	46·0	43·7	46·9	38·1
24	38·6	36·7	36·3	35·1	37·2	35·6	36·2	35·0	34·8	33·7	34·1	33·3	34·9	33·9	36·1	35·2	36·1	35·0	37·0	36·1	37·7	36·9	38·0	37·1	42·0	32·9
25	42·0	38·0	42·4	38·8	42·3	39·0	42·7	39·1	41·4	39·0	42·0	38·6	42·1	38·2	41·3	38·6	40·2	38·8	40·2	39·0	40·0	39·1	41·1	39·7	42·9	36·1
26	37·2	34·2	36·0	33·8	35·9	33·6	34·9	32·9	35·9	33·8	34·1	32·4	34·0	32·1	32·8	30·8	32·4	30·3	32·5	30·4	33·0	30·9	34·9	32·6	38·1	30·7
27	32·1	29·3	34·0	30·9	35·1	32·1	34·2	32·2	34·9	32·2	35·7	33·2	35·9	33·3	36·4	33·2	35·7	32·7	35·8	33·0	37·6	34·7	37·9	34·0	39·3	31·6
28	37·0	34·4	36·2	34·1	37·0	34·9	37·2	35·1	37·3	34·5	37·8	34·7	39·2	35·0	37·8	34·7	38·0	34·2	38·4	34·1	38·8	33·7	38·8	33·9	39·6	35·4
29	35·0	32·2	34·7	32·0	33·1	30·8	32·7	30·2	31·0	29·1	30·2	28·4	29·7	28·0	29·4	27·5	28·6	27·3	28·5	27·2	29·4	28·2	30·9	29·3	38·5	28·3
30	37·4	33·9	37·4	33·1	37·0	22·7	35·4	32·0	35·3	32·1	35·0	31·3	35·1	31·8	35·1	32·0	36·2	32·5	35·2	32·1	36·9	33·2	37·6	33·1	38·9	33·3
31	36·3	32·2	34·6	32·2	35·0	32·0	33·4	31·3	35·6	32·1	36·4	32·2	37·7	32·3	37·9	32·3	38·3	33·2	39·0	33·0	38·6	33·4	40·0	34·2	40·6	33·0
MEAN.	38·2	35·4	38·0	35·2	38·0	35·3	37·5	35·0	37·5	35·0	37·4	34·9	37·8	35·3	37·6	35·2	37·5	35·1	37·5	35·2	38·3	35·9	38·7	36·1	41·3	34·1

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	51·0	50·7	51·0	50·6	51·1	50·7	50·9	50·4	51·0	50·5	51·0	50·5	51·1	50·8	51·3	51·0	50·9	50·6	51·2	50·9	51·2	50·9	51·2	50·9	51·2	50·7
2	49·9	49·4	49·1	48·1	49·3	48·8	48·6	47·9	47·5	46·3	47·1	45·9	46·1	45·0	45·9	44·8	46·0	44·6	45·7	43·6	44·3	42·0	43·2	40·1	48·5	47·7
3	39·0	36·1	39·9	36·8	39·4	36·9	39·8	36·8	39·0	36·2	38·0	36·2	37·7	35·8	37·6	34·6	37·0	34·0	36·5	33·1	35·9	33·0	35·8	32·2	38·5	35·4
4	38·1	36·8	38·9	36·9	38·9	37·0	38·1	36·2	37·2	35·1	38·1	35·2	38·6	36·0	38·9	36·0	39·0	36·5	39·1	36·5	39·3	37·0	38·8	37·0	37·5	35·5
5	41·8	36·1	41·5	35·9	41·1	36·2	40·9	35·9	41·1	35·9	40·3	36·0	40·1	36·0	40·0	35·9	38·9	35·1	37·0	33·7	35·0	32·6	33·9	31·4	39·8	35·5
6	35·0	32·4	35·7	33·0	35·9	33·2	34·3	32·3	34·5	32·4	35·0	32·8	34·8	32·7	35·6	33·8	35·2	33·7	35·7	34·0	34·9	33·0	35·1	33·2	33·8	31·7
7	35·0	33·8	35·8	34·1	35·9	34·4	36·4	35·0	36·3	35·0	36·5	35·0	40·2	35·8	40·0	35·1	39·2	34·6	37·6	33·7	38·9	34·9	39·0	35·2	34·9	32·8
8	35·9	32·8	36·6	33·5	38·6	34·5	38·7	34·8	36·7	33·8	36·8	33·9	37·8	34·5	37·9	35·0	38·9	35·3	38·9	35·0	38·1	34·3	39·1	35·3	37·2	33·5
9	35·7	34·7	35·4	34·4	36·2	34·0	36·2	33·0	34·2	31·8	33·1	31·0	32·4	30·5	30·4	29·1	30·1	28·5	30·2	28·4	30·0	28·0	31·2	29·8	36·6	34·2
10	32·9	31·8	33·1	31·9	32·7	31·3	31·5	30·4	31·4	30·3	32·1	31·0	33·7	32·1	33·9	31·9	34·4	32·9	34·5	32·9	34·0	32·1	34·4	33·0	32·2	30·7
11	44·8	41·6	43·7	41·5	42·1	40·1	43·0	40·1	42·9	40·3	42·9	40·1	42·9	40·0	41·9	39·8	43·0	40·6	41·9	39·7	42·0	39·8	42·0	40·0	41·4	39·1
12	41·3	39·7	41·4	39·5	41·2	39·1	40·8	39·0	40·7	38·9	40·2	38·8	39·8	38·5	40·0	38·5	39·7	38·2	39·6	38·5	39·8	38·6	39·1	38·2	39·6	38·2
13	36·8	34·4	38·1	34·4	38·2	33·9	36·8	33·3	37·1	33·9	36·7	33·7	37·3	34·1	36·4	33·7	35·7	33·1	35·9	33·0	37·0	33·6	38·1	34·5	37·7	35·5
14	42·2	39·2	42·0	39·8	41·7	40·2	42·2	40·9	42·8	41·7	43·3	42·8	45·2	41·4	44·0	40·1	43·9	39·9	43·4	39·1	43·5	39·0	42·9	39·2	41·8	39·1
15	42·6	39·7	42·0	39·4	42·2	39·6	42·5	39·7	42·0	39·0	41·4	39·1	41·6	38·9	41·4	38·2	43·0	38·0	42·5	38·0	42·4	37·6	42·1	37·2	41·9	39·0
16	39·9	34·2	39·9	34·3	39·8	34·1	37·0	32·7	37·0	33·2	37·1	32·6	36·1	32·2	34·4	31·2	34·9	31·9	36·3	32·1	34·5	31·7	33·8	30·6	37·9	33·4
17	37·9	33·0	37·5	32·6	36·1	32·0	35·2	31·0	34·2	30·8	36·0	31·9	37·8	33·2	38·1	33·9	38·2	33·9	37·8	33·6	37·7	33·1	37·0	32·3	36·7	32·4
18	33·7	31·0	33·3	29·4	32·9	28·8	32·1	28·7	32·7	29·2	32·2	29·2	32·3	29·9	33·0	30·5	33·3	29·0	33·9	31·1	34·4	28·9	35·3	29·7	34·0	30·4
19	32·0	30·9	32·2	30·9	32·2	31·1	31·8	30·7	32·2	[32·1]	32·1	30·9	32·0	30·7	32·0	30·8	33·0	31·4	33·7	31·1	34·2	[32·1]	34·0	[32·1]	33·3	30·7
20	37·9	36·6	37·1	36·1	38·0	36·5	37·9	36·5	36·2	35·2	36·1	35·0	36·8	35·6	36·0	35·1	34·2	33·6	33·7	32·5	31·2	30·7	31·3	30·1	35·7	34·5
21	32·9	31·0	34·0	32·1	34·3	32·6	34·5	32·8	34·8	33·1	34·0	32·7	36·9	34·4	38·5	35·9	37·8	35·1	37·1	34·8	37·3	34·6	36·6	33·7	32·7	31·1
22	42·6	39·5	42·2	39·4	42·9	39·7	42·1	39·4	42·2	39·7	41·2	39·4	42·0	40·0	42·2	40·0	43·5	40·4	43·8	40·8	43·9	41·3	43·6	41·5	40·7	37·8
23	46·4	43·4	46·5	43·0	45·2	42·1	43·0	40·6	41·8	39·3	42·2	40·0	40·9	39·2	39·2	37·9	39·3	37·8	38·6	36·8	38·9	37·0	38·6	36·5	43·3	41·2
24	38·7	37·9	39·9	38·9	40·1	39·1	40·1	39·1	40·1	39·0	40·0	39·1	39·4	38·8	39·0	38·0	39·3	38·7	39·9	38·9	41·9	38·8	41·8	38·1	38·2	37·0
25	40·8	40·0	40·8	39·4	41·2	39·1	40·6	38·6	40·5	38·0	39·2	37·0	37·7	35·9	39·7	35·2	37·6	33·9	40·1	35·3	36·3	33·5	36·1	33·7	40·4	37·7
26	36·5	34·1	37·1	34·7	36·2	33·9	36·2	34·0	33·6	31·1	32·9	30·0	31·9	29·2	30·9	28·5	32·0	29·0	31·9	29·1	31·4	28·9	31·6	28·7	34·0	31·6
27	36·8	34·1	37·1	34·7	37·3	34·9	38·9	34·9	38·1	35·1	37·7	34·6	39·3	35·8	37·8	34·9	36·9	34·4	37·9	35·1	37·2	34·2	36·8	34·1	36·5	33·7
28	38·8	34·2	38·4	34·2	38·2	34·2	38·0	34·0	37·9	34·0	37·2	34·0	37·0	33·9	36·2	33·5	36·3	33·2	36·1	33·4	36·1	33·6	35·4	33·0	37·5	34·1
29	33·7	31·2	34·2	31·8	34·5	32·1	33·3	32·2	33·5	32·2	31·8	32·0	32·3	30·8	33·6	31·7	35·0	32·2	34·3	32·4	37·4	33·1	38·4	33·5	32·7	30·6
30	37·6	33·2	36·7	32·7	37·8	32·8	33·3	30·4	34·6	31·2	34·8	32·2	36·2	32·3	36·0	32·3	36·0	32·3	36·5	32·3	36·9	32·3	35·9	32·2	36·1	32·3
31	40·4	35·2	39·6	35·0	39·0	34·0	39·0	34·0	38·6	34·1	38·8	34·2	39·1	34·1	39·4	34·4	39·3	34·5	39·2	34·4	39·4	34·8	39·0	34·9	38·1	33·5
MEAN.	39·0	36·5	39·1	36·4	39·0	36·4	38·5	36·0	38·1	35·8	37·9	35·7	38·3	35·8	38·1	35·5	38·1	35·4	38·1	35·3	37·9	35·0	37·8	34·9	38·1	35·5

RAINFALL. INCHES FOR HOUR ENDING— AUGUST 1890.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.
1	·007	–	–	–	–	·011	–	–	–	·035	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·053
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·043	·034	·080	·030	·055	·105	·058	0·405
4	·033	·013	·018	·010	·013	·070	·010	·022	·027	·056	·040	·052	·040	·048	·056	·041	·109	·166	·170	·200	·205	·136	·075	·060	1·670
5	·065	·048	·120	·165	·085	·157	·105	·051	·050	·081	·060	·030	·015	·019	·007	·021	·094	·099	·040	·048	·003	·005	·009	–	1·377
6	·020	·001	–	–	–	–	–	·001	–	–	–	·003	–	·001	–	·010	·001	–	–	–	–	–	–	–	0·037
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
10	–	·010	·009	·010	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·029
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·029	0·029
12	·022	–	–	·005	·150	·237	·092	·020	·002	·006	·009	·130	·011	·015	·045	·195	·110	·018	·004	–	·001	–	·010	–	1·082
13	–	–	·005	·007	·009	·001	·001	–	–	–	–	–	–	–	–	–	–	·015	·002	–	·090	·008	–	·005	0·143
14	–	–	–	–	–	–	–	–	–	·004	·001	·015	–	·025	·012	·022	·015	·018	·005	–	·002	·003	·001	–	0·123
15	·001	·025	·030	·040	·020	·015	·018	·126	·085	·010	–	–	·019	·275	·240	·180	·236	·195	·060	·040	·090	·040	·035	·037	**1·817**
16	·060	·145	·113	·162	·015	·011	·004	·010	·007	·009	·050	·035	·089	·075	·070	·078	·025	–	·034	·070	·050	·017	·100	·009	1·238
17	·040	·022	·018	·041	·040	·106	·046	·044	·008	·215	·005	·035	·010	·026	·050	·075	·003	·011	·005	·005	–	·021	·048	·040	0·914
18	·035	·020	·040	–	·024	·057	·015	·010	·011	–	–	·011	–	·029	·035	·030	·023	·047	·015	·002	·010	·010	·005	–	0·429
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·046	–	·010	0·056
20	·010	·020	·048	·060	·055	·016	·056	·046	·023	·008	·085	·011	–	–	–	–	–	–	–	–	·012	·015	·020	·022	0·507
21	·012	·020	·009	·005	·036	·031	·069	·038	·034	·050	·059	·105	·110	·100	·132	·010	·007	·387	·060	·020	·025	·090	·070	·117	1·596
22	·016	·118	·002	·007	·035	·025	·030	·004	·040	·067	·003	·001	·032	·039	·082	·028	·016	·098	·120	·008	·050	·047	·030	·009	0·907
23	·007	·070	·040	·001	–	–	–	–	·003	·021	–	–	·085	·002	·030	–	–	–	·010	·070	–	–	·009	–	0·348
24	–	·003	·002	·005	–	·015	·011	·010	·012	·011	·020	·002	–	·045	·015	·015	·014	·005	·011	·011	·020	·009	·008	–	0·244
25	–	–	–	–	–	–	–	–	–	–	–	·024	·015	·010	·012	·010	·016	·036	·004	·005	·008	·001	·021	·010	0·172
26	·006	·014	·023	·010	·003	–	·017	·015	·014	·018	·042	·003	·002	·030	·025	–	·022	·020	·008	·012	·006	·004	–	·019	0·313
27	·093	·128	·033	·030	·098	·040	·012	·005	·005	·008	·005	·004	·003	–	–	–	–	–	·021	·006	–	–	–	–	0·491
28	–	–	·020	·040	·013	·105	·008	·010	·010	·008	·042	·005	·005	–	–	·001	–	–	·001	–	–	–	–	–	0·269
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·002	·012	·009	·006	–	–	–	–	0·029
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·005	–	–	–	·024	·006	–	–	–	0·035
31	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·011	·001	·008	0·020
SUM	0·427	0·657	0·530	0·598	0·596	0·897	0·494	0·412	0·331	0·607	0·422	0·466	0·436	0·739	0·811	0·721	0·693	1·170	0·613	0·607	0·608	0·518	0·547	0·433	14·333

RAINFALL. SEPTEMBER 1890.

1	·002	·001	–	·001	·004	–	·002	·010	·025	·055	·140	·150	·120	·091	·042	·067	·100	·055	·031	·020	·021	·015	·012	·003	0·967
2	·018	·008	·014	·010	·020	·040	·020	·020	·015	·009	·004	–	–	–	–	–	·001	–	–	–	–	·038	·052	·011	0·280
3	·123	·062	·047	·040	·030	·040	·010	·007	·007	·012	·007	·001	·002	–	·037	·040	·090	·060	·078	·092	·029	·034	·034	·030	0·912
4	·025	·019	·021	·025	·025	·020	·008	·010	·010	·005	·002	–	–	–	·011	–	·002	–	–	–	–	–	–	–	0·183
5	·002	–	–	–	–	·008	·005	–	–	–	–	–	–	–	–	–	–	–	·004	·009	·009	·011	·010	–	0·058
6	·012	·006	·006	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·024
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
9	·021	·032	·082	·034	·024	·015	·013	·008	·008	–	–	·001	–	–	–	–	–	–	–	–	–	–	·018	·006	0·262
10	·004	–	–	–	–	·015	·001	·002	·001	·004	·001	·008	·015	·036	·115	·108	·040	·006	·003	·016	·010	·033	·033	·038	0·489
11	·053	·119	·166	·161	·098	·064	·012	·003	·004	·001	–	–	–	–	–	–	–	–	–	–	–	·008	·010	·014	0·713
12	·020	·017	·025	·035	·015	·020	·003	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·135
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17	–	–	–	–	–	–	–	–	–	·002	·005	·007	·012	–	–	–	–	–	–	–	–	–	–	–	0·026
18	·010	·020	·117	·122	·018	·020	·056	·008	·076	·031	·004	·016	·063	·001	–	–	–	–	–	–	–	–	–	–	0·562
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·028	·045	·003	–	–	–	0·076
20	–	–	–	–	–	–	–	·012	–	–	·002	·008	·066	·155	·012	·010	·028	–	·128	·016	·033	·009	–	–	0·479
21	–	–	–	·062	·012	·018	·036	·024	·020	·012	·021	·016	·034	·053	·038	·008	·008	·008	·013	·043	·028	·019	·024	·028	0·525
22	·007	·006	·016	·013	·005	·007	·003	·003	·001	–	–	–	–	·028	·005	·083	·001	·005	–	–	–	–	–	–	0·183
23	–	–	·003	·017	·008	·002	·001	–	–	–	–	–	–	–	–	–	–	–	–	·004	·010	·019	·022	·024	0·110
24	·012	·034	·024	·018	·021	·013	·030	·096	·300	·055	·170	·158	·028	·282	·176	·069	·012	·008	·005	·034	·002	·024	·011	·074	1·656
25	·022	·009	·042	·009	·008	·004	·036	·040	·018	·008	·028	·015	·013	–	·014	·008	·012	·025	·227	·113	·183	·269	·402	·786	2·291
26	·808	·750	·511	·369	·619	·218	·205	·160	·140	·168	·182	·154	·050	·025	·010	·006	·005	–	–	·032	·076	·049	·083	·074	**4·694**
27	·100	·144	·147	·203	·108	·116	·220	·196	·168	·160	·164	·170	·180	·150	·071	·151	·151	·048	·078	·024	·025	·042	·055	·040	2·911
28	·027	·038	·007	·004	–	–	–	–	–	–	–	–	·005	–	–	–	–	·040	·014	·008	·031	·045	·008	–	0·227
29	–	–	–	–	·030	·078	·013	·009	·014	·140	·202	·335	·320	·364	·109	·047	·044	·010	·008	·023	·002	·028	·046	·046	1·868
30	·009	·006	–	–	–	–	–	–	–	–	·013	·025	·087	·149	·110	·056	·068	·068	·096	·115	·042	·084	·050	·100	1·078
SUM	1·275	1·271	1·228	1·123	1·045	0·698	0·674	0·608	0·807	0·662	0·945	1·064	0·995	1·334	0·750	0·653	0·562	0·333	0·713	0·594	0·504	0·727	0·870	1·274	20·709

RAINFALL. INCHES FOR HOUR ENDING— AUGUST 1890.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.
1	–	–	·001	–	·002	–	–	·002	–	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·006
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·040	·062	·016	·022	·041	·029	0·210
4	·008	·002	–	·004	·009	·003	–	·028	·010	·009	·005	·031	·020	·028	·062	·060	·107	·147	·080	·092	·020	·017	·050	·031	**0·823**
5	·073	·015	·050	·120	·088	·066	·061	·059	·050	·022	·011	·002	·002	·008	·009	·027	·098	·055	–	–	–	–	–	–	0·816
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–	–
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·005	0·005
12	·001	·002	–	·001	·209	·282	·121	·008	–	–	–	–	·019	·062	–	–	–	–	–	–	–	–	–	–	0·705
13	–	–	–	·009	·008	–	–	–	–	–	–	·001	·001	·001	·001	·001	·001	–	–	–	–	–	–	–	0·023
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·021	·006	–	–	–	–	–	–	0·027
15	·003	·011	·030	·012	·017	·002	·005	·045	·010	·026	–	–	–	·035	·030	·064	·081	·018	·010	·015	·051	·008	·023	·001	0·497
16	·014	·012	·038	·200	–	–	–	·009	–	–	–	·025	·078	·032	–	·065	·011	–	–	–	·008	·006	–	–	0·498
17	·046	·030	·028	·035	·066	·040	·009	–	–	·021	–	–	–	–	–	·049	·005	–	·003	–	–	·001	–	–	0·333
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20	–	–	·020	·028	·068	–	·038	·028	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·182
21	–	–	–	–	·017	·013	·009	·003	·008	·027	·145	·100	·049	·005	·048	–	–	·097	·070	·012	·028	·062	·040	·052	0·785
22	·044	·136	–	–	·012	·020	·022	–	·003	·062	–	–	–	·038	·033	·003	·011	·036	–	–	·011	–	–	–	0·431
23	–	–	–	–	·009	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·007	·001	·001	–	–	0·018
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·001	0·001
25	–	·001	·001	–	·001	·001	–	–	–	–	–	–	·031	–	–	·014	·013	·039	–	·006	·005	·002	·007	·001	0·122
26	·001	·057	·005	–	–	–	·014	·027	·003	·015	–	–	–	–	–	·020	·014	–	–	·002	–	–	–	·009	0·167
27	·083	·137	·038	·024	·073	·003	·013	–	–	·001	·003	–	–	–	–	–	–	–	·010	·005	–	–	–	–	0·390
28	–	–	–	–	–	·012	–	–	–	–	–	–	–	·001	·001	·001	–	–	–	–	–	–	–	–	0·015
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
30	·001	·001	·001	–	–	–	–	–	–	–	–	–	·001	·002	·001	·001	·001	–	–	–	–	–	–	–	0·009
31	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·001	·001	·001	·001	·001	·002	0·007
SUM	0·274	0·404	0·212	0·433	0·579	0·442	0·292	0·209	0·084	0·184	0·164	0·159	0·201	0·212	0·185	0·305	0·363	0·398	0·214	0·202	0·141	0·120	0·162	0·131	6·070

RAINFALL. SEPTEMBER 1890.

1	–	–	–	–	–	–	–	–	·022	·068	·170	·119	·087	·066	·019	·050	·019	·013	·008	·002	–	·003	·007	·028	0·681
2	–	–	·009	·002	·043	·002	–	–	–	–	–	–	–	–	–	–	·002	–	–	–	–	·016	·018	·002	0·094
3	·080	·047	·018	·025	·011	·008	·008	·003	·006	–	–	–	–	–	·003	·024	·066	·040	·024	·048	·018	·023	·028	·029	0·509
4	·022	·010	·004	·011	·012	–	–	–	·009	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·068
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
9	–	·003	·013	·035	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·002	0·053
10	·002	·004	–	–	–	–	–	–	–	–	–	–	–	–	·018	·002	–	·009	–	–	–	·001	·010	·018	0·064
11	·008	·044	·022	·003	·002	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·003	0·083
12	·002	·003	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·005
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18	–	–	·020	·124	·002	·001	–	–	·055	·130	·037	–	–	–	·003	–	–	–	–	·001	–	–	·001	·002	0·376
19	·002	·003	–	–	–	–	–	–	·002	–	–	–	–	–	–	–	–	–	–	·030	–	–	–	·002	0·039
20	–	–	·004	–	–	–	–	–	–	–	–	–	·010	·060	·039	–	–	·067	·031	·010	·027	·007	–	–	0·255
21	–	–	–	·018	·002	–	·003	·001	·001	–	–	–	–	–	–	–	–	–	–	·004	·006	–	–	–	0·035
22	–	–	·001	·001	·005	–	–	·002	·004	–	–	–	–	–	·081	·040	–	–	–	–	–	–	–	–	0·134
23	–	·002	·019	·048	·023	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·002	·008	0·102
24	·004	·018	·018	·016	·011	·008	·015	·113	·095	·003	·147	–	–	·011	·002	·005	–	–	–	·011	·002	·024	·002	·028	0·533
25	·003	–	–	–	–	–	–	·037	–	–	–	–	–	–	–	–	–	·007	·081	·083	·124	·231	·305	·297	**1·168**
26	·251	·137	·117	·088	·051	·006	·008	·005	·011	·030	·006	–	–	–	–	–	–	–	–	–	·002	·037	·034	·016	0·799
27	·032	·051	·018	·071	·022	·034	·033	·032	·008	·008	·009	·003	·011	·001	·001	·025	·024	·008	·014	·004	–	·014	·008	·004	0·435
28	·005	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·005
29	–	–	–	–	–	·040	·007	–	–	·049	·146	·187	·186	·112	·040	·007	·017	·009	–	·003	·004	·010	·018	·008	0·843
30	·002	·002	·001	–	–	–	–	–	–	–	–	–	·065	·147	·115	·090	·025	·051	·057	·093	·050	·055	·064	·030	0·847
SUM	0·413	0·324	0·264	0·442	0·184	0·100	0·074	0·193	0·213	0·288	0·515	0·309	0·359	0·397	0·321	0·243	0·153	0·204	0·215	0·289	0·233	0·421	0·497	0·477	7·128

RAINFALL. INCHES FOR HOUR ENDING— OCTOBER 1890.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.
1	·041	·124	·355	·063	·092	·038	·102	·035	·140	·044	·002	·108	·026	·014	·028	–	·008	–	–	–	–	–	–	–	1·220
2	–	–	–	–	–	–	–	–	–	–	–	–	–	·031	·031	·030	·019	·038	·140	·141	·211	·263	·270	·275	1·449
3	·368	·417	·361	·289	·340	·620	·533	·410	·360	·480	·450	·460	·404	·442	·343	·326	·200	·183	·133	·083	·062	·009	·008	·006	**7·287**
4	·007	·010	·010	·007	·015	·005	·008	·004	·001	–	·002	–	·040	·035	·028	·032	·032	·057	·068	·059	·106	·222	·193	·225	1·166
5	·260	·182	·321	·298	·440	·166	·082	·032	·024	·085	·092	·061	·050	·043	·148	·125	·250	·153	·052	·008	·006	·004	·003	·004	2·889
6	·010	·010	·093	·018	·021	·010	·012	·018	·008	·006	·010	–	–	–	–	–	–	·002	–	–	–	–	–	–	0·218
7	–	–	–	–	–	–	–	·012	–	–	–	·002	·008	–	–	–	–	–	–	–	–	–	–	–	0·022
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
9	–	–	–	–	–	–	·005	·006	·006	·002	·008	·005	·006	·008	·006	·008	·013	·045	·015	·013	·069	·052	·034	·062	0·363
10	·049	·040	·053	·049	·090	·078	·030	·098	·060	·082	·045	·080	·082	·132	·060	·069	·108	·150	·175	·167	·134	·232	·193	·190	2·446
11	·168	·150	·145	·128	·132	·143	·130	·094	·102	·098	·162	·072	·026	·030	·004	·060	·070	·014	·044	·026	·078	·051	·062	·062	2·051
12	·026	·046	·007	·008	·007	·008	·004	·003	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·110
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·024	·001	·005	·001	·001	–	–	·007	0·039
14	·006	·004	–	·005	·030	·034	·032	·080	·250	·007	·020	·085	·005	·009	·006	·006	·016	·004	·002	·011	·093	·102	·142	·185	1·134
15	·128	·215	·445	·027	·250	·145	·050	·110	·083	·028	·042	·038	·184	·139	·043	·033	·039	·155	·180	·011	·071	·036	·023	·067	2·542
16	·151	·110	·083	·029	·030	·018	·018	·028	·068	·095	·162	·140	·182	·042	·043	·032	·018	·010	·008	·058	·078	·115	·060	·026	1·604
17	·032	·083	·048	·040	·024	·025	·010	·008	·030	·048	·012	·020	·078	·049	·010	·019	·005	·048	·003	·021	·001	–	–	–	0·614
18	–	–	–	–	–	–	·005	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·005
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·017	·035	0·052
20	·038	·021	·020	·017	·018	·015	·010	·014	·010	·006	·022	·067	·055	·022	·001	·006	·008	·010	·007	·002	·022	·020	·021	·020	0·452
21	·008	·022	·019	·022	·012	·014	·006	·008	·005	·003	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·119
22	–	–	–	–	·012	·010	·006	·010	·032	·010	·003	·002	·004	–	–	·013	·018	·045	·036	·032	·036	·020	·028	·036	0·353
23	·053	·044	·055	·049	·058	·025	·026	·024	·036	·038	·032	·044	·050	·054	·079	·050	·103	·138	·135	·232	·034	·011	·022	·045	1·437
24	·078	·191	·190	·253	·370	·372	·206	·115	·080	·084	·035	·020	·027	·007	–	–	–	–	·016	–	–	·018	·012	·042	2·116
25	·086	·052	·016	·009	·010	·070	·009	·033	·115	·036	·072	·024	·007	·001	·108	·025	·070	·084	·055	·052	·035	·016	–	–	0·985
26	–	–	–	–	–	–	–	·025	·014	–	·045	·073	·081	·098	·028	·082	·040	·052	·077	·028	·033	·082	·105	·046	0·909
27	·072	·072	·080	·022	·020	·015	·023	·015	·016	–	–	–	·032	·010	·016	·002	–	–	–	–	–	–	·008	·012	0·415
28	–	–	–	–	–	–	–	–	·010	·008	·021	·018	·025	·052	·060	·072	·076	·122	·221	·263	·110	·129	·148	·180	1·515
29	0·034	·032	·042	·027	·016	·078	·201	·290	·289	·392	·280	·260	·134	·057	·021	–	–	–	–	–	–	–	–	–	2·153
30	–	–	–	–	–	·023	–	–	–	–	–	–	–	–	–	–	·031	·048	·050	·062	·044	·024	·068	·073	0·423
31	·060	·054	·028	·018	·030	·066	·020	·041	·162	·170	·095	·105	·086	·135	·022	·054	·013	–	–	–	–	–	·049	·004	1·212
SUM	1·675	1·879	2·371	1·378	2·017	1·978	1·528	1·513	1·902	1·722	1·612	1·684	1·592	1·410	1·085	1·044	1·161	1·359	1·422	1·270	1·224	1·406	1·466	1·602	37·300

RAINFALL. NOVEMBER 1890.

1	·006	·004	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·020	·018	·044	·147	·035	·149	·233	0·657
2	·379	·357	·284	·290	·202	·072	·118	·045	·010	·003	·030	–	–	·019	·004	·063	·108	·025	·010	·010	·040	·063	·033	·030	2·195
3	·022	–	–	–	–	–	–	–	–	–	–	–	·007	·006	–	·009	·018	·017	·004	·043	·130	·070	·080	·143	0·549
4	·007	·020	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·053	·024	·090	·107	·030	·008	·004	0·343
5	·004	·012	–	–	·008	·020	·032	·088	·067	·025	·016	·005	·019	·010	·020	–	–	–	–	–	–	–	–	–	0·326
6	–	–	–	–	–	–	–	–	–	–	–	–	·085	·018	·053	[·050]	[·050]	[·050]	[0·50]	[·050]	[·050]	[·050]	[·050]	[·050]	0·606
7	·043	·057	·093	·075	[·050]	[·050]	[·050]	[0·50]	[·050]	[·050]	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·568
8	·005	·035	·032	·023	·032	·018	·028	·205	·118	·058	·025	·096	·019	·140	·100	·073	·074	·045	–	–	·017	·005	·007	–	1·155
9	–	–	–	–	–	–	–	–	–	–	·004	·032	·053	·046	·048	·050	·033	·076	·039	·050	·053	·011	·018	·020	0·533
10	·017	·010	·018	–	·006	·023	–	–	–	–	–	–	–	–	–	–	–	–	[·020]	[·040]	[·040]	–	–	–	0·174
11	–	–	–	–	–	–	–	–	[·015]	[·015]	[·015]	–	–	–	–	–	[·015]	–	–	–	–	–	–	–	0·060
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	[·010]	[·020]	[·040]	[·030]	·078	·104	·078	·052	0·412
13	·115	·112	·046	·076	·090	·088	·052	·066	·034	·059	·042	·016	·176	·090	·064	·055	·018	·013	·023	·001	·002	·030	·001	–	1·269
14	–	–	–	–	–	–	–	–	–	–	–	[·020]	[·020]	[·020]	[·020]	[·020]	·018	·038	·113	·121	·045	·023	·020	·017	0·495
15	·052	·003	·018	–	–	·044	·026	–	–	–	·108	·003	·300	·043	·033	–	–	–	–	–	–	–	–	–	0·630
16	–	–	–	–	–	–	–	–	–	–	–	·010	·052	·054	·064	·090	·004	·035	·009	·010	–	–	–	–	0·328
17	·014	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·070	·040	·140	·137	0·401
18	·155	·030	·010	–	·004	·001	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·201
19	–	–	–	·010	·028	·057	·048	·023	·011	·002	·010	·002	·002	·036	·075	·080	·050	–	–	–	–	–	–	–	0·434
20	–	·053	·120	·045	·107	·023	·010	–	–	–	–	–	–	·006	·011	·045	·124	·148	·233	·058	·088	·031	·094	·113	1·309
21	·034	·077	·025	·084	·106	·072	·123	·201	·283	·161	·019	·010	·007	·054	·042	·026	·042	·010	·044	·035	·047	·062	·028	·048	1·640
22	·082	·038	·036	·039	·099	·030	·022	·076	·091	·082	·195	·234	·263	·270	·272	·243	·157	·179	·142	·205	·070	·107	·042	·047	**3·071**
23	·023	·031	·011	·087	·003	·032	·002	·018	·027	·039	·017	·017	·024	·009	·012	·031	·020	·054	·028	·010	–	–	–	–	0·495
24	–	–	–	–	–	–	·031	·005	·007	–	–	–	–	–	–	[·010]	·009	·016	–	–	–	–	–	–	0·078
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·012	·018	–	–	0·030
26	–	·019	–	–	–	–	–	–	·014	·012	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·045
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
28	–	–	–	–	–	–	·002	·006	·008	·007	·033	·019	·016	·010	·018	·015	·021	·014	·016	·010	·002	·009	·001	–	0·207
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
30	[·010]	[·010]	[·010]	[·020]	[·020]	[·020]	[·020]	[·020]	·053	·041	·024	·018	·049	·008	·012	·008	·094	·028	·072	·012	·122	·023	·041	·016	0·751
SUM	0·968	0·868	0·704	0·799	0·755	0·550	0·565	0·803	0·788	0·554	0·538	0·482	1·092	0·839	0·848	0·868	0·865	0·841	0·885	0·819	1·120	0·711	0·790	0·910	18·962

RAINFALL. INCHES FOR HOUR ENDING— OCTOBER 1890.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.
1	·043	·083	·253	·032	·026	·003	–	–	–	–	·005	·063	·025	·032	·008	–	–	–	–	–	–	–	–	·003	0·576
2	–	–	–	–	–	–	·006	–	–	–	–	–	–	·017	·042	·088	·067	·102	·210	·234	·219	·229	·157	·131	1·502
3	·176	·390	·293	·088	·286	·268	·210	·161	·142	·127	·131	·156	·068	·161	·150	·084	·049	·013	·007	–	–	–	–	–	**2·960**
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·019	·029	·031	·035	·031	·049	·098	·054	·004	0·350
5	·090	·057	·107	·063	·146	·024	·005	·005	·010	·011	·032	·014	·015	·005	·063	·078	·127	·088	–	–	–	–	–	–	0·940
6	–	–	·014	·005	·012	–	–	·008	·006	–	–	–	–	–	–	–	·008	–	–	–	–	–	–	–	0·053
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
9	–	·001	·001	·001	·001	·001	·001	·001	·001	·001	–	–	–	–	–	·010	·010	·013	·006	·005	·015	·019	·010	·025	0·122
10	·008	·008	·008	·027	·008	·023	–	·029	·026	·023	·002	–	·019	·034	·005	·029	·073	·112	·117	·008	·068	·088	·146	·107	0·968
11	·088	·026	·039	·032	·010	·020	·010	–	·010	·017	·095	·035	·010	–	–	·026	·023	·003	·007	·019	·018	·072	·035	·070	0·665
12	–	–	·005	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·005
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
14	·004	–	·005	·008	·008	·009	·010	·024	·031	·008	·014	–	–	–	–	–	–	–	–	·015	·093	·224	·195	·293	0·941
15	·156	0·136	·058	–	·044	·063	·003	–	·038	–	–	–	·093	·042	·012	·021	·027	·021	·056	·008	–	–	–	·109	0·887
16	·024	–	·015	–	–	–	–	–	–	·025	·120	·048	·015	–	·005	–	·014	–	–	·018	–	–	–	–	0·284
17	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–	–	–	–	–	–	–	–	–	–
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·011	0·011
20	·027	·010	·006	·006	·006	·004	–	–	·001	·002	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·062
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·001	·001	0·002
23	·003	·011	·013	–	·002	–	–	–	·019	·008	·015	·015	·049	·029	·039	·007	·022	·020	–	–	–	–	–	–	0·252
24	·019	0·029	·146	·127	·195	·183	·041	·004	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·744
25	–	·001	·001	·001	·001	·008	–	–	·014	·003	–	–	–	–	–	–	·010	·058	·021	·057	·027	–	·004	–	0·206
26	–	–	–	–	–	–	–	–	–	–	–	·019	·088	·017	–	–	·020	·002	·002	·002	–	–	–	–	0·150
27	–	·001	·005	·005	·005	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·016
28	–	·001	·002	·002	–	–	–	–	–	–	–	·010	·009	·025	·042	·090	·077	·156	·073	·136	·042	·030	·009	·027	0·731
29	–	–	·003	·001	·001	–	·067	·032	·125	·078	·065	·008	·020	–	–	–	–	–	–	–	–	–	–	–	0·400
30	–	–	·002	·002	·003	·001	–	–	–	–	–	–	–	–	–	–	·004	·002	·035	·070	·091	·001	·064	·063	0·338
31	·070	–	·013	·007	·006	·033	·005	·003	·049	·134	·003	–	·028	·062	·002	–	–	–	–	–	–	–	·001	·001	0·417
SUM	0·708	0·754	0·989	0·407	0·760	0·640	0·358	0·267	0·472	0·437	0·482	0·368	0·439	0·424	0·368	0·452	0·560	0·621	0·569	0·603	0·622	0·761	0·676	0·845	13·582

RAINFALL. NOVEMBER 1890.

1	·002	·001	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·052	·023	·061	·032	·168	·136	0·476
2	·182	·078	·066	·196	·160	–	·025	·010	·002	–	–	–		–	–	·008	·002	·007	–	·004	·008	–	·012	·002	0·762
3	–	–	·001	–	·003	–	–	·003	–	–	–	–	–	–	–	–	·022	·040	·012	·034	·063	·042	·030	·078	0·328
4	–	·020	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·002	–	–	·002	–	·001	·003	0·029
5	·001	–	–	·001	–	·003	·007	–	·008	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·021
6	–	–	–	–	–	–	–	–	–	–	–	·001	·001	·010	·062	·065	·106	·089	·108	·095	·067	·016	·076	·017	0·713
7	·048	·048	·072	·046	·020	·005	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·002	–	0·241
8	–	·010	·039	·012	·010	·008	·001	·067	·058	·050	·007	·042	·165	·198	·039	·051	·022	·008	–	–	–	–	–	·002	0·789
9	–	–	–	–	–	–	–	–	–	–	–	·001	·011	·020	·037	·020	·024	·020	·023	·065	·038	·012	·009	–	0·280
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·021	–	–	·001	0·022
11	·001	·001	·003	–	·002	·001	–	–	·020	·039	–	–	–	–	–	–	·020	·002	–	–	–	–	–	–	0·089
12	–	–	·004	–	–	–	–	–	–	–	–	–	–	–	–	–	·011	·036	·057	·109	·030	·111	·055	·012	0·425
13	·048	·039	–	·052	·052	·070	·018	·040	·060	·078	·093	·032	·153	·074	·056	–	–	–	·017	–	·008	·012	·004	–	0·906
14	–	–	–	–	–	–	–	–	–	–	–	·008	·071	·037	·032	·009	–	·083	·120	·077	·028	·002	–	–	0·467
15	–	–	–	–	–	–	–	–	–	–	·039	·011	·096	·011	·001	–	–	–	–	–	–	–	–	–	0·158
16	–	–	–	–	–	–	–	–	–	–	–	–	·003	·027	·095	·070	·027	–	–	–	–	–	–	·002	0·224
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·039	·015	·052	·059	0·165
18	·124	·010	–	–	–	·003	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·137
19	–	·006	·003	·006	·032	·029	·020	–	–	–	–	–	–	–	·029	·056	·015	–	–	–	–	–	–	·005	0·201
20	·004	·009	·001	–	–	–	–	–	–	–	–	–	–	–	–	·029	·083	·127	·110	·041	·025	·041	·070	·107	0·647
21	·014	·025	–	·058	·090	·034	·032	·018	·017	–	–	–	–	·024	·015	·010	·007	·002	·006	·015	·014	·024	·006	·023	0·434
22	·049	·024	·005	·046	·073	–	–	·047	–	·037	·122	·102	·098	·098	·076	·119	·031	·049	·115	·029	·033	·010	·031	·009	**1·203**
23	–	–	·008	·074	–	–	–	–	–	–	–	–	–	–	–	·003	·029	·027	·027	–	–	–	–	–	0·168
24	–	–	·001	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·002
25	–	–	–	–	·016	–	·008	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·024
26	–	–	–	–	·025	–	–	·004	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·029
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
28	–	–	–	–	–	–	–	–	–	–	–	·009	·009	·003	·008	·010	·007	·011	[·011]	[·011]	[·011]	[·011]	[·012]	·022	0·135
29	·010	·008	–	–	–	·002	·001	·001	·001	·006	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·029
30	–	·005	·078	·068	·044	·049	·041	·037	·068	–	–	–	–	–	–	–	–	–	–	–	·023	·016	–	·010	0·439
SUM	0·483	0·284	0·283	0·560	0·527	0·204	0·153	0·227	0·234	0·211	0·261	0·206	0·607	0·502	0·450	0·450	0·406	0·503	0·658	0·503	0.471	0·344	0·528	0·488	9·543

RAINFALL. INCHES FOR HOUR ENDING— DECEMBER 1890.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.
1	·105	·023	·082	·020	·073	·005	·035	·016	·031	·029	·124	·090	·105	·118	·180	·012	·049	·049	·018	·027	·022	·027	·016	·020	1·276
2	·002	·006	·033	·018	·012	·015	·025	·011	·013	·018	·026	·042	·045	·022	·047	·023	·016	·001	–	–	–	·032	·067	·049	0·523
3	·052	·019	·002	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·073
4	–	–	–	–	[·005]	·009	–	·002	·016	·003	–	–	–	–	–	–	–	–	–	–	–	–	–	·002	0·037
5	·002	·004	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·006
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
9	–	–	–	–	–	–	–	–	–	·018	·016	·026	·012	·015	–	·003	–	–	–	–	–	–	–	–	·090
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·010	·008	·001	–	–	–	–	0·019
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
14	–	–	–	–	–	–	–	–	–	–	·026	·006	·015	·022	·042	·047	·045	·074	·012	·008	–	–	–	–	0·297
15	·040	–	·010	·003	·018	·008	·012	·013	·004	·024	·055	·063	–	–	–	–	–	·021	–	–	–	–	–	–	0·271
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·003	–	–	–	–	–	0·003
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19	–	–	–	–	–	–	–	–	–	–	·023	·025	·012	·009	·012	–	·008	·015	·009	–	–	–	–	–	0·113
20	–	–	·011	·013	·016	·026	·007	·012	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·085
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·001	–	–	–	·012	0·013
23	·010	·019	·012	·013	·011	·015	·023	·090	·126	·130	·038	·016	·010	·003	·018	·012	·008	·011	·031	–	–	–	–	–	0·596
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·007	·005	–	–	–	–	0·012
25	–	–	–	–	–	–	–	–	·025	·074	·066	·026	·037	·011	·012	·029	·018	·007	–	–	–	–	–	–	0·305
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·007	·003	–	–	–	–	–	0·010
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·003	·010	·008	–	·001	–	·003	–	0·025
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
31	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
SUM	0·211	0·071	0·150	0·067	0·135	0·078	0·102	0·144	0·215	0·296	0·374	0·294	0·236	0·200	0·311	0·126	0·147	0·205	0·099	0·042	0·023	0·059	0·086	0·083	3·754

SUNSHINE. HOURLY VALUES—HOURS AND TENTHS—FOR HOUR, GREENWICH MEAN TIME, ENDING— AUGUST 1890.

	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	Amount.	Total Possible.	
1	–	–	–	–	–	–	–	–	·13	·92	1·00	1·00	1·00	·33	–	–	–	–	4·38	16·15	1
2	–	–	–	–	–	–	·01	–	–	·02	–	–	–	–	–	·05	–	–	0·08	16·09	2
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·02	3
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·95	4
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·88	5
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·81	6
7	–	–	–	–	–	–	·25	·33	·22	–	·03	·10	·05	·02	·22	·83	–	–	2·05	15·74	7
8	–	–	–	·67	1·00	1·00	1·00	1·00	1·00	1·00	·92	·78	·13	–	·08	–	–	–	8·58	15·67	8
9	–	–	–	–	·72	1·00	·75	·16	·97	·50	·25	·02	·02	·03	–	·06	–	–	4·48	15·60	9
10	–	–	–	–	–	–	–	·33	·05	·28	·88	·50	·42	1·00	·44	·30	–	–	4·20	15·52	10
11	–	–	–	·20	·17	·60	·58	·23	–	–	·07	–	–	–	–	–	–	–	1·85	15·45	11
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·38	12
13	–	–	–	–	–	–	–	·28	·62	·92	·66	·20	–	–	·25	·17	–	–	3·10	15·31	13
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·24	14
15	–	–	–	–	–	–	–	·28	·14	–	–	–	–	–	–	–	–	–	0·42	15·16	15
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·09	16
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·01	17
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·94	18
19	–	–	–	–	·37	·18	·67	·48	·58	·33	·05	–	–	–	–	–	–	–	2·66	14·87	19
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·79	20
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·71	21
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·64	22
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·56	23
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·48	24
25	–	–	–	–	–	–	–	·09	–	·03	–	–	–	–	–	–	–	–	0·12	14·40	25
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·32	26
27	–	–	–	–	–	–	–	–	–	–	·02	·13	·67	·56	–	–	–	–	1·38	14·25	27
28	–	–	–	–	–	–	–	–	–	–	–	·07	·05	–	–	–	–	–	0·12	14·17	28
29	–	–	–	·50	·05	–	·44	–	·05	·13	–	–	–	–	–	–	–	–	1·17	14·10	29
30	–	–	–	–	·55	·58	·27	·67	·25	·50	·05	·63	–	–	–	–	–	–	3·50	14·03	30
31	–	–	–	·67	1·00	1·00	·87	·70	·73	·55	1·00	1·00	·33	–	–	–	–	–	7·85	13·95	31
SUM.	–	–	–	2·04	3·86	4·36	4·84	4·55	4·74	5·18	4·93	4·43	2·67	1·94	0·99	1·41	–	–	45·94	467·28	SUM.

RAINFALL. INCHES FOR HOUR ENDING— DECEMBER 1890.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.
1	·012	·008	·002	·008	–	·010	·003	·025	·079	·017	·002	·017	·027	·053	·098	·025	·023	·008	·002	·002	·009	·008	·002	·012	**0·452**
2	–	–	·104	–	–	–	–	–	–	–	–	·007	·022	·017	·019	–	·028	–	–	–	–	–	–	–	0·197
3	·001	·001	·001	·001	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·005
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
9	–	–	–	–	–	–	–	–	–	–	·005	·010	·015	·005	·006	–	–	–	–	–	–	–	–	–	0·041
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11	–	–	–	–	–	–	–	–	–		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12	–	–	–	–	–	·001	·001	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·003
13	–	–	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·001
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·020	–	–	–	–	–	–	0·020
15	·001	·001	·001	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·004
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20	–	·010	–	·008	·003	·008	–	·009	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·039
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
23	·035	·015	·060	·006	–	–	·002	·017	·006	·010	·003	–	–	–	–	–	–	–	–	–	–	–	–	–	0·154
24	·001	·003	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·005
25	–	[·006]	[·006]	[·006]	[·006]	[·008]	–	–	–	–	[·010]	[·010]	[·005]	[·010]	[·004]	–	–	–	–	–	–		–	–	0·071
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–	–	–
31	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
SUM	·050	·044	·176	·030	·010	·027	·006	·052	·086	·027	·020	·044	·069	·085	·127	·025	·051	·028	·002	·002	·009	·008	·002	·012	0·992

SUNSHINE. HOURLY VALUES—HOURS AND TENTHS— FOR HOUR, GREENWICH MEAN TIME, ENDING— AUGUST 1890.

	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	Amount.	Total Possible	
1	–	–	–	–	–	–	·60	1·00	·90	1·00	·90	·70	·30	–	–	·50	–	–	5·90	14·35	1
2	–	–	–	–	·10	·20	·20	–	·40	·10	·70	·80	·80	1·00	·70	·10	–	–	5·10	14·30	2
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·20	3
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·15	4
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·10	5
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·00	6
7	–	–	–	–	–	–	·30	·40	·20	·40	·60	·70	·80	1·00	1·00	4·0	–	–	5·80	13·90	7
8	–	–	–	·50	1·00	1·00	1·00	1·00	1·00	1·00	·60	·70	·60	·20	–	–	–	–	8·60	13·80	8
9	–	–	–	–	·10	1·00	·50	·80	·80	1·00	·80	·90	·90	·20	–	–	–	–	7·00	13·70	9
10	–	–	·40	1·00	1·00	1·00	1·00	1·00	1·00	·40	·50	1·00	·90	1·00	·80	·20	–	–	**11·20**	13·60	10
11	–	–	·10	·70	1·00	·30	·10	·90	·50	·50	–	–	–	–	–	–	–	–	4·30	13·50	11
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·40	12
13	–	–	–	–	–	–	·10	·10	·50	1·00	1·00	·90	1·00	1·00	·70	·10	–	–	6·40	13·30	13
14	–	–	–	–	–	–	–	·10	·20	–	·20	·40	–	–	–	–	–	–	0·90	13·25	14
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·20	15
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·10	16
17	–	–	–	–	–	–	–	·20	·30	–	–	·30	·40	·70	·40	–	–	–	2·30	13·00	17
18	–	–	–	–	–	–	·20	–	–	–	–	–	·10	–	·10	–	–	–	0·40	12·90	18
19	–	–	·10	·40	1·00	·80	1·00	·90	·50	·60	·90	·10	–	–	–	–	–	–	6·30	12·80	19
20	–	–	–	–	–	·10	·40	·60	1·00	1·00	·70	1·00	·90	1·00	·80	·20	–	–	7·70	12·70	20
21	–	–	–	–	–	–	–	–	–	–	–	–	·60	·40	·10	–	–	–	1·10	12·60	21
22	–	–	–	–	–	·10	·10	·30	·80	·50	·10	·30	·80	·10	–	–	–	–	3·10	12·50	22
23	–	–	–	–	·10	–	·10	·50	·50	–	·80	·80	·50	·70	·50	–	–	–	4·50	12·40	23
24	–	–	–	–	–	–	–	–	·30	·80	·20	–	–	–	·20	–	–	–	1·50	12·30	24
25	–	–	–	–	–	–	·60	·10	·50	–	–	·30	–	–	–	–	–	–	1·50	12·20	25
26	–	–	–	–	–	–	–	–	·50	–	·50	·90	–	–	–	–	–	–	1·90	12·10	26
27	–	–	–	–	–	–	–	–	·60	1·00	1·00	1·00	·70	·40	–	–	–	–	4·70	12·05	27
28	–	–	–	–	–	–	·20	–	·10	·60	·50	·60	·50	·60	·20	–	–	–	3·30	12·00	28
29	–	–	–	·80	1·00	·80	1·00	·70	·40	·70	·40	·90	·70	·30	–	–	–	–	7·70	11·90	29
30	–	–	–	·80	1·00	·90	·90	·90	·80	·50	·80	·60	·40	·10	–	–	–	–	7·70	11·85	30
31	–	–	–	·40	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·90	·20	–	–	–	–	–	8·50	11·80	31
SUM.	–	–	0·60	4·80	7·30	7·20	9·30	10·50	12·80	12·10	12·20	13·80	11·10	8·70	5·50	1·50	–	–	117·40	404·95	SUM.

SUNSHINE. HOURLY VALUES—HOURS AND TENTHS— FOR HOUR, GREENWICH MEAN TIME, ENDING— SEPTEMBER 1890.

	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	Amount.	Total Possible.	
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·87	1
2	–	–	–	–	–	–	–	–	·02	–	–	–	–	–	–	–	–	–	0·02	13·78	2
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·70	3
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·62	4
5	–	–	–	·27	1·00	1·00	1·00	1·00	1·00	·93	1·00	·46	–	–	–	–	–	–	7·66	13·54	5
6	–	–	–	·50	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·58	–	–	–	11·08	13·46	6
7	–	–	–	·50	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·42	–	–	**11·92**	13·38	7
8	–	–	–	–	–	–	–	·03	·07	·54	1·00	1·00	1·00	·95	·03	–	–	–	4·62	13·30	8
9	–	–	–	–	–	–	–	–	–	–	–	·10	·05	–	–	–	–	–	0·15	13·22	9
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·14	10
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·07	11
12	–	–	–	–	–	·30	·75	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·42	–	–	9·47	12·99	12
13	–	–	–	·33	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·20	–	–	11·53	12·91	13
14	–	–	–	–	–	–	–	·03	·25	·97	1·00	·70	·75	·80	·17	–	–	–	4·67	12·84	14
15	–	–	–	–	–	–	·75	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·72	–	–	–	8·47	12·76	15
16	–	–	–	·05	·70	1·00	·100	1·00	1·00	1·00	1·00	1·00	·88	1·00	·59	–	–	–	10·22	12·68	16
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·60	17
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·52	18
19	–	–	–	–	·08	·58	·78	·44	–	–	–	–	–	–	–	–	–	–	1·88	12·44	19
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·36	20
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·28	21
22	–	–	–	–		–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·20	22
23	–	–	–	–	–	–	–	·13	·62	·47	·06	·05	·20	–	–	–	–	–	1·53	12·12	23
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·04	24
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·96	25
26	–	–	–		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·88	26
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·80	27
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·72	28
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·64	29
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·56	30
SUM.	–	–	–	1·65	4·78	5·88	7·28	7·63	7·96	8·91	9·06	8·31	7·88	7·75	5·09	1·04	–	–	83·22	381·38	SUM.

SUNSHINE. OCTOBER 1890.

1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·48	1
2	–	–	–	–	·84	·73	–	–	–	–	–	–	–	–	–	–	–	–	1·57	11 40	2
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	11·32	3
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·24	4
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·17	5
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·09	6
7	–	–	–	–	–	–	·12	·52	·54	·27	·38	·25	–	–	–	–	–	–	2·08	11·01	7
8	–	–	–	–	·92	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·20	–	–	–	–	**9·12**	10·93	8
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·85	9
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·77	10
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·69	11
12	–	–	–	–	–	–	–	·10	·65	–	–	·03	·40	–	–	–	–	–	1·18	10·62	12
13	–	–	–	–	–	·05	–	·46	·02	–	–	–	–	–	–	–	–	–	0·53	10·54	13
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·46	14
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·38	15
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·30	16
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·22	17
18	–	–	–	–	–	·53	1·00	1·00	1·00	1·00	·95	·33	·17	·15	–	–	–	–	6·13	10·14	18
19	–	–	–	–	–	–	·38	1·00	1·00	1·00	1·00	1·00	1·00	·50	–	–	–	–	6·88	10·06	19
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·98	20
21	–	–	–	–	–	–	–	–	–	–	–	·73	·85	·47	–	–	–	–	2·05	9·90	21
22	–	–	–	–	–	–	·22	·93	·45	·77	·88	·83	–	–	–	–	–	–	4·08	9·83	22
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	9·75	23
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·67	24
25	–	–	–	–	–	–	–	–	·15	–	–	–	–	–	–	–	–	–	0·15	9·60	25
26	–	–	–	–	–	·20	·65	–	–	–	–	–	–	–	–	–	–	–	0·85	9·52	26
27	–	–	–	–	–	–	–	–	·16	·27	·10	–	–	–	–	–	–	–	0·53	9·44	27
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·36	28
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·28	29
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·20	30
31	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	9·12	31
SUM.	–	–	–	–	1·76	2·51	3·37	5·01	4·97	4·31	4·31	4·17	3·42	1·32	–	–	–	–	35·15	319·32	SUM.

SUNSHINE. HOURLY VALUES—HOURS AND TENTHS—FOR HOUR, GREENWICH MEAN TIME, ENDING— SEPTEMBER 1890.

	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	Amount.	Total Possible.	
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·75	1
2	–	–	–	–	–	–	–	·20	·10	–	–	–	–	–	–	–	–	–	0·30	11·70	2
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·65	3
4	–	–	–	–	–	–	·90	·60	·30	–	–	–	–	–	·10	–	–	–	1·90	11·60	4
5	–	–	–	–	–	–	·10	·30	·40	1·00	1·00	·70	–	–	–	–	–	–	3·50	11·55	5
6		–	–	·10	1·00	1·00	·90	1·00	·80	1·00	1·00	1·00	·90	·80	·30	–	–	–	9·80	11·50	6
7	–	–	–	·50	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·50	–	–	–	11·00	11·45	7
8	–	–	–	–	·20	·30	·20	·20	1·00	1·00	1·00	1·00	1·00	·40	–	–	–		6·30	11·40	8
9	–	–	–	–	–	·10	–	–	·40	·60	·60	·80	·30	·20	–	–	–	–	3·00	11·35	9
10	–	–	–	–	–	–	–	–	·10	·10	–	–	–	–	–	–	–	–	0·20	11·30	10
11	–	–	–	–	–	·80	1·00	1·00	1·00	1·00	1·00	·60	–	–	–	–	–	–	6·40	11·25	11
12	–	–	–	–	–	–	·10	·70	·50	·90	·80	·60	1·00	1·00	·50	–	–	–	6·10	11·20	12
13	–	–	–	·10	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·90	–	–	–	–	10·00	11·10	13
14	–	–	–	–	–	–	·10	·20	·70	·70	1·00	1·00	1·00	·80	–	–	–	–	5·50	11·00	14
15	–	–	–	–	·60	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·10	–	–	–	9·70	10·90	15
16	–	–	–	–	·90	1·00	1·00	1·00	1·00	1·00	·20	·80	·70	·80	–	–	–	–	8·40	10·80	16
17	–	–	–	–	–	·60	·10	·20	–	–	–	·40	–	–	–	–	–	–	1·30	10·70	17
18	–	–	–	–	–	–	–	–	–	–	·20	·60	·70	–	–	–	–	–	1·50	10·60	18
19	–	–	–	–	·50	1·00	1·00	·40	–	–	·20	·50	·50	·10	–	–	–	–	4·20	10·50	19
20	–	–	–	–	–	·10	·20	·10	·10	·10	–	–	–	–	–	–	–	–	0·60	10·40	20
21	–	–	–	–	–	–	·30	·20	–	·10	–	–	–	–	–	–	–	–	0·60	10·30	21
22	–	–	–	–	·40	·10	·10	–	–	–	–	–	–	·10	–	–	–	–	0·70	10·20	22
23	–	–	–	–	–	–	–	·50	·80	·90	·80	·50	·60	·20	–	–	–	–	4·30	10·15	23
24	–	–	–	–	–		–	–	–	–	–	·10	–	·10	–	–	–	–	0·20	10·10	24
25	–		–	–	–	·20	·70	·10	·20	·30	–	–	–	–	–	–	–	–	1·50	10·00	25
26	–	–	–	–	–	–	–	–	·10	·10	·60	1·00	·80	–	–	–	–	–	2·60	9·90	26
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·80	27
28	–	–	–	–	·10	·80	·80	·10	·10	·50	–	–	–	–	–	–	–	–	2·40	9·70	28
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·60	29
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·50	30
SUM.	–	–	–	0·70	5·70	9·00	10·50	9·80	10·60	10·30	11·40	12·60	10·50	7·40	1·50	–	–	–	102·00	322·95	SUM.

SUNSHINE. OCTOBER 1890.

1	–	–	–	–	–	–	–	·20	·10	–	–	·30	·80	·50	–	–	–	–	1·90	9·40	1
2	–	–	–	–	·10	·70	–	–	–	–	–	–	–	–	–	–	–	–	0·80	9·35	2
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·30	3
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·20	4
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·15	5
6	–	–	–	–	–	·60	·50	·60	·60	·70	·60	·40	–	–	–	–	–	–	4·00	9·10	6
7	–	–	–	–	–	·70	·70	1·00	·70	·60	1·00	1·00	1·00	·50	–	–	–	–	7·20	9·00	7
8	–	–	–	–	–	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·90	–	–	–	–	–	7·90	8·90	8
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·80	9
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·70	10
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·55	11
12	–	–	–	–	–	–	–	·40	·40	–	–	–	–	–	–	–	–	–	0·80	8·45	12
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·40	13
14	–	–	–	–	–	–	–	–	–	–	·30	–	·10	–	–	–	–	–	0·40	8·35	14
15	–	–	–	–	–	–	·40	·10	·20	–	–	·10	·10	–	–	–	–	–	0·90	8·30	15
16	–	–	–	–	–	–	–	–	·20	·70	·50	·10	–	–	–	–	–	–	1·50	8·25	16
17	–	–	–	–	–	–	–	–	–	·20	·80	·90	·60	–	–	–	–	–	2·50	8·20	17
18	–	–	–	–	–	·60	1·00	1·00	1·00	1·00	1·00	1·00	·40	·10	–	–	–	–	7·10	8·10	18
19	–	–	–	–	–	–	·60	1·00	1·00	1·00	1·00	1·00	1·00	·10	–	–	–	–	6·70	8·00	19
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·90	20
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·80	21
22	–	–	–	–	–	–	–	·10	·10	–	·30	–	–	–	–	–	–	–	0·50	7·70	22
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·60	23
24	–	–	–	–	–	–	–	·10	·10	·20	·90	·40	–	–	–	–	–	–	1·70	7·50	24
25	–	–	–	–	–	–	–	–	–	·10	–	–	–	–	–	–	–	–	0·10	7·40	25
26	–	–	–	–	–	·20	·80	·20	–	–	·10	–	·10	–	–	–	–	–	1·40	7·30	26
27	–	–	–	–	–	·20	1·00	1·00	1·00	·90	·90	·60	–	–	–	–	–	–	5·60	7·20	27
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·10	28
29	–	–	–	–	–	–	–	–	–	–	–	·70	·30	–	–	–	–	–	1·00	7·00	29
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		6·90	30
31	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·80	31
SUM.	–	–	–	–	0·10	4·00	6·00	6·70	6·40	6·40	8·40	7·50	5·30	1·20	–	–	–	–	52·00	253·70	SUM.

SUNSHINE — HOULY VALUES—HOURS AND TENTHS—FOR HOUR, GREENWICH MEAN TIME, ENDING— — NOVEMBER 1890.

	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	Amount.	Total Possible.	
1	–	–	–	–	–	–	·04	·28	–	·10	–	–	–	–	–	–	–	–	0·42	9·05	1
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·97	2
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·90	3
4	–	–	–	–	–	·90	1·00	·63	1·00	·90	·83	·62	–	–	–	–	–	–	5·88	8·83	4
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·76	5
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·69	6
7	–	–	–	–	–	–	–	–	–	·83	·42	·65	·10	–	–	–	–	–	2·00	8·62	7
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·55	8
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·48	9
10	–	–	–	–	–	–	–	·20	1·00	1·00	·47	·40	–	–	–	–	–	–	3·07	8·41	10
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·31	11
12	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–	–	8·27	12
13	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–	–	8·20	13
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·13	14
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·06	15
16	–	–	–	–	–	·02	–	–	–	–	–	–	–	–	–	–	–	–	0·02	7·99	16
17	–	–	–	–	–	·08	·24	·72	·97	·30	·88	·08	–	–	–	–	–	–	3·27	7·92	17
18	–		–	–	–	–	·25	·06	·07	·90	·70	–	–	–	–	–	–	–	1·98	7·86	18
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·80	19
20	–	–	–	–	–	–	–	·07	–	–	–	–	–	–	–	–	–	–	0·07	7·74	20
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·68	21
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·62	22
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·56	23
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·50	24
25	–	–	–	–	–	–	–	·20	·17	–	·75	88	·10	–	–	–	–	–	2·10	7·45	25
26	–	–	–	–	–	–	–	·02	–	–	·62	·63	·08	–	–	–	–	–	1·35	7·40	26
27	–	–	–	–	–	·25	1·00	1·00	1·00	1·00	1·00	1·00	·37		–	–	–	–	**6·62**	7·35	27
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·30	28
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·24	29
30	–	–		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·19	30
SUM.	–	–	–	–	–	1·25	2·53	3·18	4·21	5·03	5·67	4·26	0·65	–	–	–	–	–	26·78	241·86	SUM.

SUNSHINE. — DECEMBER 1890.

1	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	7·14	1
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·09	2
3	–	–	–	–	–	–		–	–	–	·07	–	–		–	–	–	–	0·07	7·04	3
4	–	–	–	–	–	–	–	–	–	·02	·08	–	–	–	–	–	–	–	0·10	6·99	4
5	–	–	–	–	–	–		–	–	–	–	–	–	–	–	–	–	–	–	6·94	5
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·90	6
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·87	7
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·85	8
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·83	9
10	–	–	–	–	–	–	·38	·30	·38	·58	·58	·60	–	–	–	–	–	–	2·82	6·81	10
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·79	11
12	–	–	–	–	–	–	·92	·58	·47	–	–	–	–	–	–	–	–	–	1·97	6·77	12
13	–	–	–	–	–	–	·92	·68	·95	1·00	·40	–	–	–	–	–	–	–	3·95	6·75	13
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·73	14
15	–	–	–	–	–	–	–	–	·36	·12	–	–	–	–	–	–	–	–	0·48	6·71	15
16	–	–	–	–	–	–	–	–	·02	–	–	–	–	–	–	–	–	–	0·02	6·69	16
17	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–	–	6·68	17
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·67	18
19	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–	–	–	–	6·66	19
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·65	20
21	–	–		–	–	–	–	–		–	–	–	–	–	–	–	–	–	–	6·65	21
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·65	22
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·66	23
24	–	–	–	–	–	–	–	·62	1·00	·88	–	–	–	–	–	–	–	–	2·50	6·66	24
25	–		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·67	25
26	–	–	–	–	–	–	·87	1·00	·20	·53	1·00	1·00	·17	–	–	–	–	–	**4·77**	6·68	26
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·69	27
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·71	28
29	–	–	–	–	–	–	·70	1·00	1·00	·55	·95	·42	–	–	–	–	–	–	4·62	6·73	29
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·75	30
31	–	–	–	–	–	–	–	–	–	·20	–	–	–	–	–	–	–	–	0·20	6·77	31
SUM.	–	–	–	–	–	–	3·79	4·18	4·38	3·88	3·08	2·02	0·17	–	–	–	–	–	21·50	210·18	SUM.

SUNSHINE. HOURLY VALUES—HOURS AND TENTHS—FOR HOUR, GREENWICH MEAN TIME, ENDING— NOVEMBER 1890.

	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	Amount.	Total Possible.	
1	–	–	–	–	–	–	·50	·40	·20	·80	·40	–	–	–	–	–	–	–	2·30	6·75	1
2	–	–	–	–	–	–	·40	·50	·30	·10	·60	·30	–	–	–	–	–	–	2·20	6·65	2
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·60	3
4	–	–	–	–	–	–	–	·40	1·00	1·00	1·00	1·00	–	–	–	–	–	–	4·40	6·50	4
5	–	–	–	–	–	–	·10	–	·10	–	·20	·40	·10	–	–	–	–	–	0·90	6·45	5
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·40	6
7	–	–	–	–	–	–	–	–	·60	·50	·30	1·00	·10	–	–	–	–	–	2·50	6·35	7
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·25	8
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·20	9
10	–	–	–	–	–	–	·40	1·00	1·00	1·00	1·00	·80	–	–	–	–	–	–	**5·20**	6·00	10
11	–	–	–	–	–	–	–	–	·10	–	–	·10	–	–	–	–	–	–	0·20	5·90	11
12	–	–	–	–	–	–	·20	·10	·60	–	–	–	–	–	–	–	–	–	1·80	5·80	12
13	–	–	–	–	–	–	–	–	–	–	–	·10	–	–	–	–	–	–	0·10	5·75	13
14	–	–	–		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	5·65	14
15	–	–	–	–	–	–	–	–	–	·10	·30	·50	–	–	–	–	–	–	0·90	5·60	15
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	5·55	16
17	–	–	–	–	–	–	–	·90	·50	·90	·80	–	–	–	–	–	–	–	3·10	5·50	17
18	–	–	–	–	–	–	–	–	–	·40	–	–	–	–	–	–	–	–	0·40	5·45	18
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	5·40	19
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	5·36	20
21	–	–	–	–	–	–	–	–	–	–	·10	·20	–	–	–	–	–	–	0·30	5·33	21
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	5·30	22
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	5·26	23
24	–	–	–	–	–	–	–	–	·30	·30	·60	–	–	–	–	–	–	–	1·20	5·23	24
25	–	–	–	–	–	–	–	·50	·20	·60	·40	·30	–	–	–	–	–	–	2·00	5·20	25
26	–	–	–	–	–	–	–	·40	–	·20	·90	·80	–	–	–	–	–	–	2·30	5·15	26
27	–	–	–	–	–	–	–	·50	1·00	1·00	1·00	·80	–	–	–	–	–	–	4·30	5·10	27
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	5·05	28
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	5·00	29
30	–	–	–	–	–		–	–	–		–	–	–	–	–	–	–	–	–	4·90	30
SUM.	–	–	–	–	–		1·60	5·60	5·90	6·90	7·60	6·30	0·20	–	–	–	–	–	34·10	171·63	SUM.

SUNSHINE. DECEMBER 1890.

1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4·80	1
2	–	–	–	–	–	–	–		–	–	–	–	–	–	–	–	–	–	–	4·75	2
3	–	–	–		–	–	–	–	–	·50	·20	–	–	–	–	–	–	–	0·70	4·65	3
4	–	–	–	–	–	–	–	–	·50	·90	·40	–	–	–	–	–	–	–	1·80	4·55	4
5	–	–	–	–	–	–	–	–	·30	·70	–	–	–	–	–	–	–	–	1·00	4·45	5
6	–	–	–	–	–	–	–	·20	1·00	·20	–	–	–	–	–	–	–	–	1·40	4·35	6
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4·25	7
8	–	–	–	–	–	–	–	–	·50	·20	–	–	–	–	–	–	–	–	0·70	4·18	8
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	4·10	9
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3·90	10
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3·80	11
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3·75	12
13	–	–	–	–	–	–	–	–	·50	·40	–	–	–	–	–	–	–	–	0·90	3·72	13
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3·71	14
15	–	–	–	–	–	–	–	–	·30	–	–	–	–	–	–	–	–	–	0·30	3·70	15
16	–	–	–	–	–	–	–	–	·80	1·00	1·00	·30	–	–	–	–	–	–	**3·10**	3·68	16
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3·67	17
18	–	–	–	–	–	–	–	–	·60	·40	–	–	–	–	–	–	–	–	1·00	3·66	18
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3·66	19
20	–	–	–	–	–	–	–	–	–		–	–	–	–	–	–	–	–	–	3·65	20
21	–	–	–	–	–	–	–	–	–	·60	–	–	–	–	–	–	–	–	0·60	3·65	21
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3·65	22
23	–	–	–	–	–	–	–	–	·30	1·00	·50	–	–	–	–	–	–	–	1·80	3·65	23
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3·66	24
25	–	–	–	–	–	–	–	–	–	·20	·50	–	–	–	–	–	–	–	0·70	3·66	25
26	–	–	–	–	–	–	–	–	·60	1·00	·90	·10	–	–	–	–	–	–	2·60	3·67	26
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3·68	27
28	–	–	–	–	–	–	–	–	·50	1·00	·30	–	–	–	–	–	–	–	1·80	3·70	28
29	–	–	–	–	–	–	–	–	·70	·90	·90	·40	–	–		–	–	–	2·90	3·71	29
30	–	–	–	–	–	–	–	–	·60	·50	·40	–	–	–	–	–	–	–	1·50	3·72	30
31	–	–	–	–	–	–	–	–	·70	1·00	·80	·30	–	–	–	–	–	–	2·80	3·75	31
SUM.		–	·	–		–	–	0·20	7·90	10·50	5·90	1·10	–	–	–	–	–	–	25·60	121·48	SUM.

WIND. DIRECTION AND FORCE (0 to 12). JANUARY 1890.

	1		2		3		4		5		6		7		8		9		10		11		12		Max.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	NW	1-2	WNW	1-2	NW	1-3	NNW	2-3	SW	3-4	SW	2-3	WNW	3	WSW	4	WSW	4	WSW	4	NW	2-4	SW	4	5
2	SW	4	WSW	5	SW	4	SW	4-6	SW	5-6	WSW	4	WSW	4	SW	5	SW	3-6	SW	2-5	WSW	4-5	WSW	4-5	6
3	SSW	5-6	S	5	SSW	5-6	SSW	5	S	4	S	5	S	4-5	S	3-4	S	4-5	S	5	S	4-5	S	5	6
4	S	3	SW	3	SW	3	SW	2	SSW	3	SW	3	W	1	NW	1	NW	1-2	W	2	SW	2	SW	2	11
5	SE	11	SSE	11	SE	11	SSE	9-11	S	4-6	S	6	S	6-8	SSW	5-7	S	5-6	S	6-8	SSW	6-9	SW	6-9	11
6	W	4-6	W	3-6	NW	3-5	NW	2-4	NW	3-5	W	3-5	WNW	3-5	WSW	3-5	SW	4-5	SSW	6	S	5-9	S	8-9	9
7	SW	4-5	SSW	5	SW	3-5	SW	4-6	SSW	6-8	SW	4-6	SW	7-8	WSW	4-7	WSW	3-4	WSW	4-5	W	4-7	SW	5-8	8
8	SW	3-6	SW	3-5	SW	4-5	SW	3-5	SW	4	SW	4	SW	4	SSW	4-5	S	5	S	4-7	SSE	6-8	SSE	7-8	8
9	NNW	2-3	NNW	1-3	NW	2-4	NW	2-5	NW	2-4	Var.	0-3	NNW	3-5	NNW	2-4	WNW	1-3	WNW	1-3	N	1-2	NNW	1-3	7
10	W	2-4	W	2-5	WNW	2-4	NW	1-4	N	1-3	NNW	1-2	N	1-2	Calm	0	N	1-4	N	1-4	N	1-3	NE	2-4	5
11	SSW	4	SSW	3-4	S	3	SSW	3	SSW	3	S	3	SSW	4	SW	2-3	SW	3-4	SW	3-4	WSW	3	SW	3	6
12	W	3-4	W	1-3	N	1-3	NW	1-3	N	2	N	1-4	NE	1-3	NE	2-4	NNE	1-4	N	1-3	N	0-1	N	1-3	8
13	SW	8-9	WSW	6-8	WSW	6-10	NW	3-6	WSW	4-6	WNW	3-5	WNW	2-4	W	2-4	WNW	2-4	NW	3-5	NW	3-5	W	3-5	9
14	SW	3-4	W	2-4	WSW	2-5	SW	2-4	WSW	1-3	WSW	2-3	SW	3-4	SW	2-4	SW	2-4	SW	2-5	S	4-5	S	7-8	10
15	NNE	1-2	Var.	0-2	N	1-3	N	1-2	N	1-3	N	1-3	N	2	NNW	2-3	WNW	1-3	S	0-3	SW	3	SSW	2-3	7
16	SW	3-6	SW	3-4	SW	5-7	SW	3-6	SW	2-5	SW	3-5	SW	4-5	SW	4-6	SW	3-5	SW	2-6	SW	4-7	SW	2-4	8
17	SSW	4-5	SW	3-7	SW	3-5	SW	2-5	SW	3-5	SW	3-5	SW	3-7	SSW	1-4	SW	3-5	SW	0-3	SW	0-2	SW	2-4	8
18	S	6	SSE	8	SSE	8	SE	8	SSE	6-8	SE	6-9	SSE	8-10	SE	8-10	W	1-3	W	1-3	W	0-3	W	1-4	10
19	WSW	7-11	W	6-9	W	6-9	SW	5-10	SW	6-9	W	2-5	W	2-4	WNW	1-5	W	3-7	W	0-5	NW	0-3	WNW	0-2	11
20	WNW	1-2	WSW	1-4	W	1-3	NW	1-3	NW	1-2	NW	1-2	NW	0-3	NW	0-3	NW	0-2	NW	0-2	Calm	0	WNW	1-3	4
21	WNW	1-3	NNW	0-1	WNW	1-2	SW	3	W	1-2	NW	1-3	SSW	2-4	SSW	3-5	SSW	4	SW	3-5	WSW	2-4	SSW	3-5	5
22	SW	0-1	SSW	1	Calm	0	NNE	1	Calm	0	N	0-1	NE	0-1	NE	0-1	NNE	0-1	NNE	1-2	N	0-2	N	0-1	3
23	SSW	2	SSW	2	S	2	S	1	SSW	1	Calm	0	Calm	0	Calm	0	N	0-1	NNW	1-2	NNW	1	N	0-2	2
24	SW	2	W	2	WNW	1-2	W	2	WNW	3	NW	2-3	N	0-1	WNW	1-2	W	1-2	W	1	SW	2-3	SW	2	6
25	SW	4-5	SSW	4-5	SW	4-6	WSW	4-6	WSW	6	WSW	6	SW	4-7	SW	2-8	WSW	1-10	SW	1-6	SW	4-10	WSW	3-7	10
26	NW	3-7	W	3-6	WNW	3-5	WNW	3-5	W	3-5	Var.	4	SW	6-9	N	2-5	NW	1-3	NW	1-4	NW	4	NW	2-6	9
27	N	2-4	NW	1-3	NW	1-4	NNE	1-4	NE	2-3	NNE	2-4	N	1-3	N	1-2	N	2	N	2	NE	2	NE	0-1	4
28	N	2	N	1	N	1	Var.	0-1	ENE	0-1	ENE	0-1	Calm	0	Calm	0	N	3	E	0-1	E	0-1	E	0-2	4
29	NNE	2-3	NE	2-4	N	3-4	NNE	3-4	NE	3	ENE	3	NE	2-3	NNE	3	ENE	2	E	1-2	Calm	0	Var.	0-1	4
30	ENE	1-2	NNE	1-3	N	1-3	N	1-2	NNW	0-2	N	1-2	NNW	2	W	1-3	NW	2	NW	1-2	W	3	NNW	0-2	3
31	WNW	2-3	NW	2	WNW	2-3	WNW	2-3	NW	3	NW	2-3	NNW	2	NW	2	WNW	1-2	NW	0-1	NW	1	N	0-1	3
MEAN		3·82		3·61		3·73		3·50		3·35		3·11		3·34		3·03		2·97		2·82		3·03		3·26	

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Force.
1	SW	4	SW	3	SW	3	WSW	1-3	SW	1-4	SW	2-4	SW	3-5	SW	2-4	SW	4	SW	3-4	SW	4	SW	4	3·1
2	SW	3-5	SW	3-5	SW	4	SW	4-5	SW	3-6	SW	3-6	S	4-6	SSW	3-5	SW	3-5	SW	3-5	SSW	5	SSW	4	4·4
3	S	5	SW	4	SW	3-4	SW	3	S	5	S	4	S	4	SW	4	SW	3-4	SSW	3	SSW	3	SSW	4	4·3
4	SW	2	SW	2	S	2-3	S	2	S	3	SE	4-5	SE	4-5	SE	4-5	SSE	5-6	SSE	6-8	SE	7-9	SE	10-11	3·4
5	SW	4-9	SSE	5-8	SSW	3-6	W	5-7	SSW	5-8	SW	4-9	S	4-6	SW	4-6	SW	5-6	WSW	3-5	WSW	4-7	W	4-7	6·7
6	S	7-9	S	5-8	SW	4-8	SW	5-7	SW	4-8	SW	4-7	SW	4-7	WSW	3-5	SW	2-5	SW	3-4	SW	4	SW	3-5	5·0
7	SW	4-6	WSW	2-5	WSW	4-6	WSW	3-6	S	4-7	S	0-7	SW	2-6	W	2-5	WSW	4-5	WSW	4-6	WSW	2-5	W	2-4	4·8
8	SSE	5-6	SSE	7-8	SSE	8	S	8	SSE	7-8	SE	6-8	SSE	4	SW	3-4	SW	3-4	SW	3-5	SSW	1-5	WNW	2-4	5·1
9	WSW	3	SW	2-3	SSW	3	SSE	3-4	SE	5	SE	6	SE	6-7	SE	4-5	S	4	WNW	2-5	NW	1-3	WNW	1-4	3·2
10	N	0-3	Calm	0	Var.	0-1	NW	1	NW	1	NW	2	W	2	SW	1	SW	2	SW	2	SSW	2-3	SW	3	1·9
11	SW	3	SW	4	WSW	3-4	SW	4-5	WSW	4	WSW	3	SW	4	WSW	3-4	W	2-4	SW	2-4	SSW	3-5	SW	2-6	3·4
12	NNW	1-3	NW	1-3	WSW	1-3	SW	2-3	S	4	S	4	SSW	4	SSW	4-6	SW	2-5	SW	4-6	SW	3-6	SW	6-8	3·0
13	W	2-4	WNW	1-3	NW	1-3	NNW	1-2	NW	2	NNW	1-3	WNW	3-4	WNW	2-3	WNW	1-3	WNW	1-4	W	1-3	W	2-4	3·6
14	SW	7-10	WSW	8-10	WSW	6-9	WSW	6-9	W	5-7	WSW	2-4	Var.	0-3	NNW	2-3	N	1-3	NE	1-3	NE	1-3	E	0-2	4·0
15	S	5-6	SSW	3	SW	3-4	SW	4-5	WSW	1-4	WSW	2-7	SW	1-5	WSW	4	SW	2-5	WSW	3-6	SW	4-6	SW	2-5	2·9
16	SW	1-3	SW	3-5	SW	5-6	SSW	5-7	S	3-5	SSW	5-8	SSW	3-5	SW	6-8	SSW	6-7	SW	4-5	SSW	6-8	SSW	6-8	4·8
17	SW	0-3	S	3	SW	2-3	S	4	SSW	2-4	SSE	3-5	S	1-3	S	4	S	3	S	5-6	SSE	7	SSE	7-8	3·7
18	SW	2-4	SSW	3-5	SSW	4-5	SSW	7-8	WSW	8-10	S	6-8	SW	4-7	SW	4-6	WSW	4-8	WSW	5-8	WSW	6-10	WSW	6-10	6·0
19	N	0-2	NNW	0-2	NW	1-3	NW	1-3	NW	0-1	N	0-2	Calm	0	NW	2	NW	1-2	NW	1-3	NW	1-3	WNW	2-3	3·2
20	W	1-3	W	1-2	NW	1	NW	1-2	WNW	0-3	NW	1-3	NW	1-3	WNW	1-2	WNW	2-3	NW	2	W	1-2	W	2-3	1·6
21	SW	2-4	SW	4	SW	3-5	SSW	4-5	SSW	2-5	SW	2-5	W	1-3	NW	1-3	NW	1-3	NW	0-2	W	1-2	W	0-1	2·7
22	Calm	0	Calm	0	WNW	1	WNW	1-2	NNW	0-2	W	0-3	W	2	W	1-2	W	0-2	WSW	1	W	1-2	SSW	2	0·9
23	N	0-1	NW	1-2	W	1	W	1	NW	2	W	2	NW	1-2	WNW	1	WNW	1	WNW	1-2	WSW	2	WNW	2	1·2
24	SW	2	SSW	1-2	SW	2	S	2	S	3	S	3	SE	4	SSE	6	SSE	5-6	SSE	4-5	S	4	SW	4-5	2·7
25	WSW	2-5	WSW	6-9	W	4-7	W	4-7	SW	3-6	W	3-5	W	2-4	W	2-6	NW	2-6	NW	2-6	NW	2-5	NW	2-6	4·8
26	NNW	1-4	NW	2-3	WNW	2-3	NW	1-3	NNW	0-3	N	0-1	N	0-2	WNW	2	WNW	1-4	WNW	1-3	NW	2-3	NW	4	3·1
27	NNE	3	NE	1-3	NE	2-3	NNE	2-3	N	2	NE	3	NE	2	NE	1-3	NNE	2	N	2-3	NW	1-2	NNW	1-2	2·2
28	E	1	E	2	Var.	0-2	N	1-3	ENE	1-2	E	3	E	2-3	ENE	2	NNE	2-3	NE	2-4	N	2-4	NE	2-3	1·5
29	NNE	0-1	NW	1-2	NW	2	W	2	WSW	2-4	W	3	NW	2	NNW	2	NNW	1-2	N	1-2	NNE	1-3	NE	1	2·1
30	N	2	NNW	1-2	NW	1-2	NNW	1-2	N	1-3	N	0-1	NNW	1-2	NW	1-2	NW	1-2	NW	1	NNW	2	WNW	3	1·7
31	NW	2	WNW	1-2	NW	2	W	1-2	Calm	0	W	2	W	0-1	WNW	1-2	WNW	2	W	2	SW	3	WSW	2	1·8
MEAN		2·94		3·13		3·19		3·48		3·45		3·53		3·10		3·21		3·18		3·26		3·55		3·76	3·31

N 55. NNE 17. NE 21. ENE 8. E 3. ESE 0. SE 16. SSE 23. S 59. SSW 55. SW 167. WSW 61. W 69. WNW 51. NW 82. NNW 31. Calm 21.

WIND. DIRECTION AND FORCE (0 to 12). FEBRUARY 1890.

	1		2		3		4		5		6		7		8		9		10		11		12		Max.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n	Force.	Dir'n.	Force.	
1	W	3	WSW	2-3	WSW	1-3	SW	3-4	WSW	4	SW	5	SW	4-6	WSW	2-5	SW	2-5	SW	5	SW	4	WSW	5	6
2	N	1-2	NNW	0-2	WNW	1-3	NNW	1-3	WNW	1-3	NW	1-3	NW	2	WNW	2-4	NW	0-2	NW	3	N	1-2	NW	2	4
3	N	2-3	N	1-2	NW	1-3	NNW	1-2	WNW	3	N	0-2	NW	2-4	NW	2	W	2	NNW	3	NW	2-4	NW	1-4	4
4	SW	2-4	WSW	2-3	SW	3	W	3	W	2-3	WNW	2-3	NNW	2	N	1	Calm	0	N	0-1	N	0-1	[NE	1]	4
5	NNE	1	NE	0-1	N	0-1	ENE	1	NE	0-1	NE	1-3	NE	3	NNE	1	NNE	2	N	0-1	N	2	N	0-1	3
6	NE	1	N	1	N	0	Calm	0	Calm	0	SE	0-1	Var.	0-1	SW	0-1	SSW	0-1	SSW	1	SW	0-1	SW	0-1	1
7	SW	1	SW	1	SW	1	SW	0	Calm	0	SW	0-1	SW	0-1	Calm	0	WSW	0-1	SW	0-1	SW	0-1	S	1-2	2
8	S	2	SSW	3	SSW	2-3	SSW	2-3	SSW	2-3	SW	2	WSW	2-3	WSW	1-2	WSW	2	SW	1-2	SW	2	WSW	2	4
9	SSE	3	SSE	3	SSE	3-4	SSE	3	S	2-3	S	2	SSE	2-3	SSW	2	S	2	S	2	S	2-3	S	2	4
10	SE	3	SE	3	SE	2-3	SE	3	SE	3	SE	2-4	SE	2-3	SE	3	SE	2-3	SE	2	SE	4	SE	3	4
11	SSE	3	SSE	4	SSE	3-4	SSE	4	S	3-4	S	3	S	4	S	2-4	S	2	S	1-3	S	2	S	2-4	6
12	SSE	5	SE	5	SE	4-5	SE	6-7	SSE	6	SE	5-6	SE	6-7	SE	6-7	SE	6-7	SE	6	SE	5-6	SE	3-5	7
13	ESE	5	SE	6	SE	6	SE	4-5	SE	4-5	SE	5	SE	5	SE	4-5	ESE	5	SE	4-5	SE	5	SE	4-5	6
14	S	2-3	SSE	2-3	SSE	3	SSE	3	SSE	2-3	SSE	2-3	S	3	SE	3	SE	2	SE	2	SE	2	SE	2	3
15	SE	2-3	SE	2	SSE	2	SE	1-2	SE	1-2	SE	1-2	SE	1	SE	2	SE	2-3	SE	3	SE	3	SE	3	4
16	E	3	E	3	E	1-2	ESE	1-3	ESE	1-3	ESE	2-3	ESE	2-3	ESE	3	E	1-3	ESE	2-3	ESE	3	SE	2-3	4
17	SE	4	ESE	4	SE	4	SSE	4	SE	4	SE	4	SE	4-5	ESE	4-5	SE	5	SE	4-5	SE	5	ESE	4-5	7
18	SE	6	SE	6	SE	6-7	SE	6-7	SE	6-7	SE	6-7	SE	6-7	SE	6-7	ESE	7	SE	7	SE	7-8	SE	7	8
19	SE	6	SE	6	SE	5	SE	5-6	SE	4-5	SE	4-5	SE	4-5	SE	4-5	SE	5	SE	3-5	SE	4-5	ESE	3-4	6
20	ESE	4	ESE	4	ESE	4	SE	4	SE	4	SE	4	ESE	4	SE	4	SE	4	SE	4	ESE	4-5	SE	4	5
21	S	2	S	1	SSW	1-2	SSW	1-2	S	1	SSW	1	SW	1	SW	1-2	SW	0-1	SW	0-1	SW	1-2	W	0-1	2
22	WNW	0-1	W	1	W	1	WSW	1	WSW	1	W	1	NW	1	WNW	2	NW	1-2	WNW	1-2	NW	1	WNW	1-2	3
23	N	0-1	NNW	1	NNW	1-2	NNW	1-2	N	1-2	NNW	1-2	NE	1-2	N	1-2	NE	1-2	N	0-2	N	0-2	NW	0-1	2
24	N	0-1	N	0-1	N	1	N	1	N	1-2	N	1-2	N	0-2	N	1-2	N	1-2	N	1-2	N	1	N	1	2
25	Calm	0	N	0	Calm	0	Calm	0	N	0-1	N	0-1	NE	1	N	1	N	1-2	N	1	N	1-2	N	1-2	3
26	N	1-2	N	2-3	NNW	2	N	1-3	N	1-3	N	2-4	N	2-4	N	1-4	N	2-4	Var.	0-3	N	1-3	NE	1-3	4
27	N	1-3	N	1-3	Var.	0-1	N	0-2	NE	2-3	NNW	2-3	N	2-3	Var.	0-2	ENE	2-3	NE	1-3	NE	1-3	N	2-3	4
28	N	1-3	Var.	0-1	Var.	0-1	NE	2-3	N	1-2	N	0-2	NE	0-2	NE	1-2	N	1-2	NNW	1-2	N	1-2	NE	1-2	4
MEAN		2·54		2·50		2·39		2·55		2·52		2·55		2·75		2·55		2·52		2·46		2·64		2·46	

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Force.
1	WSW	3-5	W	2	WNW	1-3	WNW	1-3	NNW	1-3	N	0-1	N	1-2	WNW	2	W	1-2	NW	1-2	NW	1-2	W	1-2	2·8
2	Var.	0-1	Var.	0-2	NW	1-2	N	1-3	W	2-3	N	2-3	NNW	1-3	NW	1-3	NW	1-3	N	0-3	NNE	1-3	N	1-3	1·9
3	W	3	WSW	3-4	SW	3	SW	3	WSW	3	SSW	3	NW	1-3	W	3-4	WSW	3	W	3-4	W	3	SW	3-4	2·7
4	E	1-2	NE	1-2	N	1	NNE	1	NNE	2	N	2	NE	0-1	Var.	0-1	ENE	0-1	N	1	N	1	N	1	1·5
5	N	1	NNE	1	N	1	NNE	1	N	3	Var.	0-1	NE	2	NE	2	ENE	2	NE	2	NE	1	E	1	1·3
6	SW	0-1	SW	0-1	SW	0-1	W	1	SW	0-1	SW	0	SW	0-1	SW	1	W	1	W	0-1	SW	1	SW	1	0·6
7	SSE	2	SSE	2	SSE	2	SSE	2	S	2	S	2	S	2	S	2	S	2	S	2	S	1-2	S	2	1·3
8	SW	1-2	SW	2-3	SSW	2-3	SW	2-3	SW	2	SW	2	SSW	3	S	2-3	SSE	3	SSE	3-4	SE	3-4	SE	3	2·4
9	S	2	SSE	2-3	SSE	2	SSE	2	SE	1-2	SE	1-2	SE	2	SE	2-3	SE	2-3	SE	3	SE	3-4	SE	3	2·4
10	SE	2	SE	3	SE	3-4	S	3	SE	3	SSE	3	S	3-4	SSW	3	S	3	SE	3-4	SSE	3	SSE	3	3·0
11	SSE	4	SSE	3-4	SSE	3-4	SSE	3-4	SE	4	SE	4-5	SE	4	SE	5	SE	4-5	SE	4	SE	6	SSE	6	3·7
12	SE	5-6	SE	6	SE	6	SE	5-6	SE	4-6	SE	4-6	SE	4-5	SE	5	SE	5-6	SE	6-7	SE	6-7	SE	4	5·5
13	SE	4-5	SE	4	SE	4	SE	4	SE	3-4	SE	3	SSE	3	SSE	3	SSE	3	SE	3	S	3	S	2-3	4·2
14	SE	2	S	2	SSE	2	S	2	S	2	SSE	2	SE	2	SE	2	SE	2	SE	2	SE	2	SE	3	2·3
15	ESE	2-3	E	2	E	1-2	ESE	3	E	3-4	ESE	3-4	NE	1-3	ESE	2-3	ESE	2-3	E	3-4	E	3-4	E	3	2·4
16	SE	2	SE	2	SSE	1-2	SE	2	SE	2	SE	2-3	SE	2	SE	2	SE	2	SSE	2-3	SSE	3-4	SE	4	2·4
17	SE	5-6	ESE	4-5	SE	4-6	ESE	6-7	SE	7	SE	7	SE	7	SE	6	SE	7	SE	6	SE	6-7	SE	6-7	5·3
18	SE	6-7	ESE	5-6	SE	5-6	SE	5	SE	5	SE	5	SE	5-6	SE	6	SE	6-7	SE	7	SE	7-8	ESE	6	6·3
19	SE	4-5	SE	5-6	SE	5-6	SE	5-6	SE	5-6	SE	6	ESE	5	SE	5	SE	5	ESE	5	ESE	5	SE	4-5	5·0
20	SE	4	SE	3-4	SE	4	SE	3-4	ESE	2	SE	2	SE	2	SE	2	SE	2-3	SSE	2	SSW	2	S	2	3·3
21	W	0-1	WSW	0-1	W	1	WNW	1	W	1	WNW	1-2	WNW	0-1	WNW	1	WNW	0-1	W	1	WSW	0-1	WNW	1	1·0
22	W	1-2	W	1	WNW	2	W	2	W	2	NNW	0-2	N	1-3	N	1-3	N	2-3	N	2	NW	2	N	1-2	1·5
23	Calm	0	Var.	0-1	N	0-1	NNW	1	N	0-1	N	1-2	N	1-2	NNW	1	N	1	N	1	N	0-1	N	0-1	1·0
24	N	1	NE	0-1	ENE	1	ENE	1-2	NNE	1-2	NNE	1-2	NNE	1-2	E	1-2	ESE	1-2	ESE	1	E	1	Calm	0	1·1
25	N	1-2	NNW	2	N	0-1	N	0-1	N	0-2	N	1-3	N	1-3	N	0-2	NNW	0-2	Var.	0-1	NNW	1-2	N	2	1·0
26	N	1-3	NE	2	NE	1-2	NW	2-3	N	2-3	N	1-3	N	1-3	N	3	N	2-4	N	2-4	NNE	2-3	N	1-2	2·3
27	N	1-3	W	2-4	N	1-3	NW	1-3	NNE	1-3	NE	1-4	Var.	1-4	N	2-4	N	2-4	Var.	0-1	Var.	0-1	N	0-1	1·9
28	NE	2-3	N	2-3	NE	2-3	N	1-2	N	2-3	NE	1-2	NNW	1	NE	2-3	N	2-3	N	1-3	NE	2-3	N	2-4	1·8
MEAN		2·50		2·50		2·45		2·57		2·64		2·54		2·46		2·66		2·71		2·66		2·77		2·59	2·56

N 113. NNE 14. NE 32. ENE 6. E 14. ESE 34. SE 181. SSE 44. S 40. SSW 15. SW 44. WSW 19. W 29. WNW 18. NW 23. NNW 21. Calm 25.

WIND. DIRECTION AND FORCE (0 to 12). MARCH 1890.

	1		2		3		4		5		6		7		8		9		10		11		12		Max.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	N	3-5	N	3-4	N	3-4	N	2-5	NE	1-3	ENE	2-3	ENE	1-3	N	2-3	N	2-3	NNE	1-2	NE	0-2	NE	1-2	5
2	NE	1	E	0-1	N	0	ENE	0-1	Calm	0	NNE	0-1	ENE	1	ENE	0-1	ENE	1	NE	1	NE	1-2	ESE	1-2	2
3	N	1	Var.	0-1	N	0-1	N	1-2	N	1-2	N	1-2	N	2	N	2	N	2-3	N	2-3	NNW	2	NNW	1-2	3
4	W	2-3	W	2	SW	2-4	W	3-4	W	2-4	WNW	2-3	NW	2-4	W	2-4	NW	2-4	NW	2-4	SW	4	W	2-4	7
5	NNE	4-8	NE	4-6	NNE	3-6	NE	3-5	NE	3-4	N	3-4	N	3-4	Var.	2-4	N	2-4	NE	3-4	ENE	2-3	NE	2-3	8
6	NE	2-6	NE	2-4	NE	2-5	NE	2-5	Var.	3-5	NE	2-5	NNE	2-5	N	3-4	NNE	3-5	N	0-3	N	1-3	N	2-4	6
7	E	1-3	ENE	2-4	ENE	4-6	ENE	2-6	ENE	3-4	NE	1-3	NE	2-4	NE	1-3	NNW	2	N	1-2	N	2	NW	2	6
8	NW	0	E	0-1	NE	0-1	N	0-1	NNW	0-2	NW	1-2	NNW	2	WSW	1	SW	1-2	S	2	SE	3	SE	3	6
9	ENE	1-2	ENE	0-2	N	1-2	N	1-2	N	2-4	NNW	2-3	NNE	2-3	N	2-3	NE	2-4	NNE	3	N	2-4	N	1-3	5
10	SW	3	W	1-3	WNW	2-3	W	1-2	W	2	W	2	Var.	0-2	NW	0-2	WNW	3	WNW	2-3	W	3	NW	2-3	7
11	W	6-8	W	2-7	NW	2-6	NW	1-5	NW	2-4	W	1-4	NNW	2-3	N	2-3	NNW	2	WNW	2	NW	2	NW	1-3	8
12	WNW	2-5	WNW	1-5	WNW	4-6	WNW	2-5	W	2-4	WNW	2-5	NW	3-5	NW	2-5	W	2-6	W	2-5	W	2-5	W	2-5	8
13	SW	4-7	SW	5-7	SW	3-6	W	1-5	WSW	1-4	WSW	1-4	SW	3-4	SW	3-5	SW	4-5	SW	3-5	WSW	3-5	W	2-4	7
14	WNW	2-3	W	1-3	SW	2-3	W	2-3	WSW	1-3	SW	2-3	SW	2-3	SW	2-3	SW	2-3	SSW	3	WSW	2	SW	2-3	5
15	S	3-4	SSE	5-6	S	6	SSE	7	SSE	4-5	SSW	4-6	S	5-6	S	5-6	S	6-7	S	6-7	S	6	S	5-6	7
16	SSE	5-6	SSE	5-7	SSE	5-7	SSE	5-6	SE	6-7	SE	7	SSE	6-7	SE	7-8	SSE	9	SE	8-9	SSE	7-9	SE	7-9	9
17	NE	2-3	N	2-3	N	2-3	NE	2-4	ENE	1-3	N	2-3	N	1-3	NE	1-3	N	1-3	N	1-3	N	1-2	Calm	0	4
18	SSE	4	SSE	4	SSE	4-5	SSE	4	SSE	3	SE	3-4	SE	4	SE	4	SE	5	SE	5	SE	4-5	S	3	5
19	SE	4	SE	4	SE	2-3	SE	1	Calm	0	ENE	0-1	SW	0-1	NE	1	NNE	1	NNW	1-2	N	1	N	1	4
20	NNE	3-5	N	2-5	NNE	3-5	N	3-5	NW	1-4	N	1-4	N	2-4	N	2-5	N	2-4	NE	1-4	NE	1-5	N	1-4	5
21	E	3-4	E	3-4	E	2	E	2	ESE	1	SE	0-1	SSE	0-1	S	1	S	0-1	S	1	S	0-1	S	0-1	4
22	S	1	S	1	S	2	S	2	SW	2	SW	2	W	1-2	SW	2-3	SSW	2-3	SW	2-3	S	2	S	2	3
23	W	2-3	WSW	2-3	W	2-3	W	1-2	WSW	2	SW	1-2	WSW	2	SW	2	SW	1-2	SW	1-2	SW	1	SW	1	3
24	S	1-2	SSE	3-4	SE	4	SE	4	SE	3-4	SE	4	SE	4-5	SE	5	SE	5	SE	5-6	SE	4-5	SE	4-6	8
25	E	7	E	5-8	E	4-7	E	5-7	ESE	2-4	ESE	3-4	E	3-4	E	3-4	E	3-4	E	1-3	ESE	3-4	ESE	3-4	8
26	SW	1-3	S	1-3	SW	2-4	WSW	3-5	WNW	2-3	W	2-3	WNW	2-3	Var.	1-3	NW	3	NW	2	W	1-3	NW	1-3	5
27	SSW	2-3	S	3-4	S	2-4	SW	2-5	SW	3	WSW	2-4	W	2-3	Var.	0-2	WNW	1-3	W	2-3	WNW	1-2	WNW	2-3	5
28	SW	2	SW	2	WSW	2	SW	2	WSW	2-3	WSW	2	SW	2	SW	2	SW	2	W	2	SW	2-3	W	2	3
29	SW	2	SW	2-3	SW	2	SW	3	SW	3	SW	2	W	1-2	W	1-2	W	1-3	W	1-3	W	2-3	WSW	3	3
30	NE	1-2	NE	1-2	E	0-1	E	1-2	N	1-3	N	3	N	2-3	N	1-3	N	1-3	N	2	N	1-3	N	1-2	3
31	E	0	SE	1	SE	1	SE	0-1	Calm	0	Calm	0	WSW	1	W	0-1	SW	0-1	S	0-1	S	0-1	S	0-1	3
MEAN		2·98		2·95		3·02		2·92		2·48		2·52		2·63		2·58		2·89		2·71		2·65		2·48	

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Force.
1	NE	1-3	E	2	Var.	0-1	E	1-2	E	0-1	NE	2	NE	1-2	ENE	1-2	NE	1	ENE	1	NNE	1	NE	1	1·9
2	SE	1	ESE	1	SE	1-2	Calm	0	N	0-1	N	1	N	0-1	N	1	N	1	N	1	N	1	N	1-2	0·8
3	NNW	2	NNW	1	WNW	2	W	2	NW	1-2	NNW	2	WNW	0-1	N	0-1	WNW	2	W	1-2	N	1-2	W	2	1·6
4	W	3-4	WSW	1-4	NW	1-4	N	1-4	NE	1-4	NNE	1-4	NE	1-4	N	0-3	NE	2-4	NNE	4-6	N	3-6	NE	5-7	3·1
5	NE	2-3	NE	2-4	NE	1-4	NE	2-5	NE	2-5	NE	2-5	NE	2-3	NE	3-4	NE	1-2	NE	2-6	N	1-4	NE	2-4	3·3
6	NE	1-4	NNE	2-4	NE	2-3	Var.	1-2	SW	2-3	WSW	2-3	WSW	2-3	NE	2-4	ENE	3-5	NE	3-5	ENE	3-6	NE	2-6	3·1
7	NW	1-3	NW	2-3	NW	1-3	NW	3-5	N	1-4	NE	2-4	NE	2-4	NNE	2-4	NNE	2-4	Var.	0-1	Var.	0-1	Var.	0-1	2·4
8	E	3	E	2	NE	1-2	N	3-5	N	3-5	N	3-6	NNE	1-4	NE	4-5	ENE	2-4	ENE	2-4	NE	1-3	NE	2-3	2·2
9	NE	1-3	N	2	N	1-2	NW	1-2	NW	1-2	NW	2	WSW	2	SSW	3	S	4-5	S	4-5	SSW	5	SSW	3-4	2·5
10	NW	1-2	NW	1-3	W	2-4	W	1-3	NW	1-2	WNW	2-4	WNW	2-4	W	2-4	W	2-4	W	3-4	W	3-7	SW	4-7	2·6
11	N	2	WNW	2-3	WNW	2-3	W	3	NW	1-3	NW	1-3	NW	2-3	W	3-4	WNW	3-4	WNW	3-5	W	3-5	W	3-5	3·0
12	WNW	3-4	NW	1-4	WNW	1-3	WNW	2-3	WNW	2-4	WNW	2-4	WSW	4-5	SW	4-5	SW	4-6	WSW	4-8	SW	2-7	SW	3-7	3·7
13	NW	1-3	WNW	2-4	W	1-3	NW	1-3	WSW	1-3	W	2-4	WNW	2-3	NW	1-2	NW	1	NW	1-2	NW	1-2	WNW	2	3·0
14	SW	3-4	SSW	3-4	S	3-4	SSW	2-3	S	3-4	SSW	4	S	4	S	4-5	S	4-5	S	3-5	S	3-4	SSW	4	3·1
15	S	3-4	SSW	3	S	3-4	S	3	S	2	SSE	3-4	S	3-4	S	4	SSE	5-6	SSE	5-6	SSE	5-6	SSE	4-6	4·8
16	SE	7-9	SE	7	SE	8	SE	6	SSE	5	SSE	4	SSE	3	S	2-3	SW	1-2	NNW	1-2	N	2-3	N	1-3	5·6
17	N	1-2	Calm	0	Var.	0-1	W	0-1	NNW	1	NW	1-2	WSW	2	SW	2	SSW	2-3	S	2-3	SE	3	SSE	3	1·9
18	SE	3-4	SE	4	SE	4	SE	3	SE	4	SE	3	SE	3-4	SE	4-5	SE	5	SE	5	SE	5	SE	4-5	4·1
19	NE	0-1	NE	0-1	N	0-1	N	1	NNW	0-1	NNW	1-2	NNE	1-3	ENE	1-2	NE	1-2	NE	2-3	N	2-3	N	2-4	1·5
20	ENE	1-4	NNE	1-2	N	1-3	NE	2-3	NNE	1-3	NE	1	ENE	1-2	E	3	ESE	4	E	4	E	4-5	E	3	2·9
21	S	0-1	Calm	0	SW	1	WSW	1	WSW	1	WSW	1	SW	1	SW	1-2	WSW	1	W	1	W	1	WSW	1	1·1
22	S	2	S	2-3	SSE	2-3	S	3	S	3	SW	3	WSW	2-3	SW	2-3	SW	2	SW	2	SSW	3	SW	3	2·2
23	SW	0-1	SW	0-1	WNW	0-1	S	1-2	SW	0-1	SW	1	SE	1	SW	2	S	2	S	1-2	S	2	S	2	1·5
24	SE	5-6	ESE	6	ESE	6	ESE	5-6	ESE	6	SE	6-7	ESE	6-7	E	7	E	7-8	E	8	E	8	E	6-7	5·4
25	E	4	E	4-5	SE	4	SE	3	SSE	1	SE	1	SE	2	SE	3-4	SSE	3	SSE	3	SE	3	SSE	3	3·6
26	W	1-3	W	1-2	WNW	1-3	SW	1-3	SW	2-4	Var.	1-3	WNW	1-2	N	1-2	WNW	2	WSW	2	SW	2-3	S	2-4	2·3
27	NW	2-5	WSW	2-3	W	2	Var.	0-1	W	2-3	NW	2-3	WNW	0-1	W	2	W	2	W	1-2	WSW	2	WSW	2-3	2·2
28	NW	0-1	W	2	W	1-2	SW	2	WNW	1-2	SW	2	SW	2	SW	2	SW	2	SW	2	SW	2	SW	2	1·9
29	W	1-3	Var.	1-2	SW	1-2	Var.	1-2	NW	1-3	W	1-3	N	1-2	SW	2-3	SW	2-3	W	0-1	W	0-1	NNE	0-2	1·9
30	N	1-3	N	1-3	N	1-2	N	1-2	N	1-3	NNE	1-2	N	1-2	NNW	2	N	0-1	NNW	1-2	Calm	0	NE	0	1·6
31	S	0-1	SE	1	SSE	0-1	SSW	1-2	SW	0-1	SW	1	SW	1-2	S	1-2	S	2	S	2	SSW	2	SSW	3	1·0
MEAN		2·40		2·34		2·29		2·31		2·21		2·45		2·29		2·71		2·79		2·89		2·90		2·97	2·64

N 95. NNE 23. NE 68. ENE 24. E 34. ESE 13. SE 60. SSE 32. S 60. SSW 17. SW 85. WSW 34. W 71. WNW 39. NW 46. NNW 18. Calm 25.

WIND. DIRECTION AND FORCE (0 to 12). APRIL 1890.

	1		2		3		4		5		6		7		8		9		10		11		12		Max.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	SSW	2-3	SW	2-3	SW	2-3	SW	3	SSW	2-3	SSW	2	SSW	3	SSW	2	SSW	2-3	WSW	2-3	SW	2-3	S	2	3
2	W	2-3	WSW	2-3	SW	2	SW	2-3	SW	2	SW	2	SSW	2	S	2	S	2	S	2	S	2-3	S	2	4
3	S	2-3	S	3	S	3	S	3	SSW	3	SSW	2-3	S	2	S	2	S	1-2	S	2	S	1-2	S	1	3
4	S	2-3	SW	2-3	SW	3	SW	3	SSW	2-3	SSW	2-3	SW	2	SW	2	SW	2	SW	2-3	SW	2-3	SW	2-3	3
5	NE	0-1	N	0-1	Calm	0	N	1-2	NW	3	N	2-3	N	3	N	2-3	N	1-2	NNW	0-1	SW	1	SW	0-1	3
6	Calm	0	S	2-3	W	1-2	SW	2	W	1	WSW	1	W	0-1	WSW	1-2	W	2	W	1-2	SW	2-3	SW	2-3	5
7	Var.	1-2	W	2-3	SW	1-2	Var.	1-3	N	1-3	N	2-3	NE	3-4	NE	2-4	NE	2-3	NE	2-3	NE	2-3	N	2-3	5
8	N	2-4	NNW	2-3	NE	2-4	NE	3-5	NE	1-3	ENE	1-3	NE	2-3	ENE	1-3	NE	2-4	Var.	2-4	ENE	1-3	N	1-3	5
9	Var.	1-2	NE	1-3	E	2-4	ENE	1-2	NE	1-2	N	2-3	E	2-3	ENE	2-3	E	1-2	NE	1	N	1-2	N	0-1	4
10	ENE	2-3	E	2-3	E	1-2	E	2	E	2-3	Var.	1-3	NE	1-3	NE	1-4	NE	1-4	NE	1-3	NE	1-3	N	1-2	4
11	ENE	1-2	E	2-3	ENE	2-3	E	1-2	NE	2-3	NE	2-3	NNE	1-2	NE	2-3	Var.	0-1	NE	1-2	NNE	1-2	NNE	0-1	3
12	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	ESE	0-1	SE	1	ESE	1	ESE	1	ESE	1-2	ESE	1-2	ESE	0-1	2
13	Calm	0	NE	0-1	N	0-1	NE	0	E	0-1	E	0-1	E	0-1	Calm	0	ESE	0-1	ESE	2	ESE	1-2	ESE	0-1	2
14	SE	2	SE	2	SE	2	SE	1-2	SE	2	SE	2	ESE	2	ESE	2	SE	3	SE	3	SE	3	SE	3	4
15	ESE	3	ESE	3	ESE	3	ESE	2-3	ESE	3	ESE	3	SE	3	SE	3-4	SE	4	SE	3-4	ESE	3	ESE	3	6
16	ESE	4-5	E	5	ESE	5	ESE	4-5	E	3-4	E	4	SE	3	SE	2-4	SE	3-4	SE	2-4	ESE	4	ESE	4-5	6
17	E	5	E	5	ESE	5-6	E	3-4	E	4	E	4-5	ESE	4	ESE	4-5	E	4	ESE	4	E	3-4	E	4	6
18	SE	4	E	3-4	SE	4	SE	3-4	ESE	3-4	ESE	2-3	ESE	3	SE	3	SE	3	SE	3	SE	3	SE	3	4
19	ESE	2	SE	1	SE	1	SE	1	SE	1	ESE	1-2	ESE	1-2	ESE	1-2	ESE	2	ESE	2	SE	2	ESE	2	3
20	SE	2	SE	2	SE	1-2	SSE	2	S	2	S	2	S	2	S	2	SSW	2	S	2-3	S	2-3	S	2	3
21	SSW	1-3	S	3	S	3-4	S	4	SSE	4-5	SSE	6-8	SE	6-8	SE	7-9	SE	8-9	S	6-7	SSW	3-5	WSW	4-6	9
22	S	3-5	SSE	3-5	SSE	5-6	SSE	7-8	S	4	SSW	4	W	3-5	Var.	2-4	Var.	1-3	Var.	2-4	N	1-3	NE	1-3	8
23	SW	1-3	W	2-4	Var.	1-3	Var.	1-3	N	1-3	SSW	1-3	SW	2	W	2-3	NE	2-4	NW	1-3	WSW	3	Var.	2-4	4
24	SW	1-2	W	1-2	WSW	2-3	W	1-2	WSW	2-3	WSW	1-2	N	1-2	Var.	0-1	WSW	1-2	W	1-2	W	1-2	WNW	2-3	3
25	N	0-1	NNW	0-1	N	0	N	0-1	W	0-1	NW	1	N	0	Calm	0	Calm	0	Calm	0	Calm	0	SW	0-1	2
26	NE	1-2	N	1-2	NNE	1-2	N	1-3	N	3-5	N	1-3	NNW	3-4	N	3-5	NE	3-6	NE	3-5	NE	3-4	NE	2-3	6
27	ENE	2-3	ENE	2-3	ENE	2-3	ENE	1-2	NE	2-3	NE	2-3	N	2-3	NE	2-3	NE	2	NNE	1-2	N	1-2	ENE	1	3
28	NNE	1-2	NNE	1-2	N	1-2	N	1-2	N	1-2	N	1-2	N	1-2	N	1-2	N	0-1	ESE	0-1	SE	1	SE	1-2	2
29	SSE	2	S	2	SSE	2	SE	2-3	SE	3	SSE	3	S	2-3	S	2	SE	1-2	SE	1-2	SE	2	SE	2	3
30	ESE	2-3	SE	2-3	SE	3	S	2-3	S	3-4	S	3-4	S	3-4	S	3	SSW	1-2	SSW	2-3	S	3	SSE	3	5
MEAN		2·10		2·32		2·33		2·33		2·40		2·42		2·42		2·40		2·32		2·28		2·25		2·10	

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n	Force.	Dir'n.	Force.	Force
1	SW	2	WSW	2-3	WSW	2	SW	2-3	SW	2-3	W	2	WSW	2	SW	2	W	2-3	W	2-3	W	2	W	2	2·3
2	SSE	2	SSE	2	SE	3	SSE	2-3	SSE	2	S	2	S	2-3	SE	3-4	SSE	3-4	S	3-4	SSE	3	SSE	3	2·4
3	S	1-2	S	1	SW	1-2	S	2	SSW	2	SSW	2	S	2	SSE	3	S	2-3	S	2-3	S	2-3	S	2-3	2·2
4	WSW	3	SW	2-3	SW	2	WSW	1-2	SW	2	W	1-2	W	2	SW	2	SW	2	SW	2-3	W	0-1	W	1-2	2·2
5	SW	1	S	2	SSW	2-3	SW	2	SW	2	SSW	1-2	S	3	SW	2-3	SW	2-3	SSW	2-3	SW	2-3	S	2	1·8
6	WSW	2	W	2-4	SSW	2-3	SSW	2-3	SW	2-4	SW	2-5	SW	2-4	W	2-4	W	2-4	WSW	3-4	WNW	2-3	W	2-3	2·2
7	NE	1-3	NE	2-4	NNE	2-3	ENE	2-4	NNE	1-3	N	1-3	NNE	1-3	NNE	3-4	NE	3-5	NE	3-5	NE	2-5	NE	2-4	2·6
8	N	1-4	ENE	2-3	Var.	1-2	NNE	1-2	N	1-3	ENE	1-4	NE	2-5	NE	2-3	NE	2-4	NE	2-3	E	2-4	E	3-4	2·6
9	NNW	0-1	N	0-1	N	0-1	Calm	0	Calm	0	N	0-1	E	0-1	E	0-1	NE	1	NE	1-2	Var.	0-2	E	2-3	1·3
10	N	0-1	E	2	E	1-2	NNE	0-2	N	1-3	N	2-3	N	1-3	NE	1-2	NE	2-3	ENE	2-3	NE	1-3	NE	1-3	2·0
11	ENE	0-1	NE	1-2	Var.	0-2	ENE	1-2	ENE	1-2	NE	0-1	E	1-2	N	0	N	0	Calm	0	Calm	0	ESE	0-1	1·2
12	ESE	1	ESE	1	E	1	ENE	0-1	Calm	0	E	1	ESE	0-1	E	1	E	1	E	1	E	0-1	E	0	0·6
13	SE	1	SE	1	ESE	1	SE	1	SE	2	SE	2	SE	2	SE	1-2	SE	2	SE	2	SE	2	SE	2	1·1
14	SE	3	SE	3	SE	3	ESE	3-4	ESE	3	ESE	3	ESE	3	ESE	3	ESE	3	E	2-3	E	3	E	2-3	2·6
15	SE	3	ESE	3-4	E	3	ESE	3	ESE	3	ESE	3-4	SE	3	ESE	3-4	SE	4	ESE	4	ESE	5-6	ESE	5	3·4
16	ESE	4-5	E	4-5	E	4-5	E	4-5	ESE	4	E	4-5	ESE	5	E	3-5	ESE	5	ESE	5-6	ESE	5	E	2-4	4·2
17	ESE	3-4	E	2-3	E	4	ESE	3-4	SE	4	SE	4	SE	4	SE	3-4	SE	4	SE	4	ESE	4	ESE	4	4·0
18	ESE	2	SE	2	E	2	E	2	SE	2	ESE	2	SE	2-3	ESE	3-4	ESE	3-4	ESE	3	ESE	3	SE	2	2·9
19	ESE	2	ESE	2	ESE	2	E	1-2	ESE	2	E	2	E	2	E	2	E	2	E	2-3	ESE	2-3	SE	3	1·8
20	SSE	2	SSE	2-3	SE	2-3	SSW	2-3	SSW	2	SSW	3	SSW	2-3	SSW	3	SSW	2-3	SW	1-2	SW	2-3	SW	2-3	2·2
21	SW	4-5	SW	3-5	SW	2-4	WSW	2-4	WSW	3-4	WSW	2-4	WSW	3-4	S	1-4	SW	4	WSW	4	S	1-3	S	2-4	4·3
22	N	1-3	WNW	1-3	Var.	1-3	Var.	1-4	WSW	2-4	SW	2-4	SW	2-4	N	1-3	N	1-3	W	1-4	NE	1-2	W	1-3	3·0
23	SW	1-3	NNW	1-2	NE	1-3	Var.	1-2	WSW	3	WSW	2-3	WSW	1-3	Var.	1-3	N	0-2	S	1-2	SSW	0-2	W	0-2	2·1
24	W	0-1	W	1-2	SW	1-2	N	1-2	WSW	1-2	WNW	2	NW	2	N	0-1	WNW	0-2	Var.	0-2	N	0-2	NNE	1-3	1·5
25	WSW	0	SW	1	SW	1	WSW	1-2	Calm	0	NNW	0-1	Var.	0	NE	0-1	Calm	0	N	0	N	1	N	1	0·4
26	NE	3-5	ENE	2-4	N	1-4	ENE	2-4	NE	3-5	NE	3-5	N	2-4	NE	1-3	ENE	1-3	ENE	2-3	ENE	2-4	ENE	2-4	2·9
27	ENE	1	NE	2	Calm	0	NE	0-2	NW	0-1	ENE	1	ENE	1	ENE	1-2	NE	2	NE	0-1	NE	0-1	N	1-2	1·6
28	SE	1-2	SE	1-2	SE	1-2	Calm	0	Calm	0	SE	0-1	ESE	0-1	SE	1-2	SE	1-2	SE	2	SE	2	SE	2	1·2
29	ESE	2	SSE	2-3	SSE	2-3	SE	2-3	ESE	2-3	SE	3	SE	2-3	E	3	ESE	2-3	ESE	2-3	ESE	2-3	SE	2-3	2·4
30	S	2-3	S	3	SSE	3	SSE	3-4	SE	4	SSE	4	SSE	3-4	S	2-3	SSE	2-3	SSE	3	SE	3	SE	4-5	3·0
MEAN		1·98		2·22		2·08		2·07		2·17		2·30		2·32		2·23		2·40		2·43		2·27		2·38	2·27

N 62. NNE 14. NE 66. ENE 31. E 59. ESE 87. SE 95. SSE 28. S 61. SSW 32. SW 61. WSW 29. W 33. WNW 5. NW 5. NNW 7. Calm 45.

WIND. DIRECTION AND FORCE (0 to 12). MAY 1890.

	1		2		3		4		5		6		7		8		9		10		11		12		Max.
	Dir'n.	Force	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	SE	4-5	SE	4-5	SE	4-5	SE	4	SE	3-4	SSE	3	SSE	3-4	SSE	3-4	SE	3	SE	3	SE	3-4	ESE	3-4	5
2	ESE	3	ESE	2	ESE	2	SE	2	SE	1-2	SE	2	SSE	1-2	SSE	1-2	SSE	1	SE	2	SE	2	SE	3	5
3	SE	1	SSE	2	SSE	2	SE	2	SE	3	S	3	SSE	4	SE	4	ESE	4	SE	5	SE	5	ESE	5	6
4	SE	4	ESE	3-4	ESE	4	ESE	4	E	3-4	ESE	2-3	SE	1-2	E	2-3	E	3-4	E	4	E	3-4	E	2-3	6
5	E	3-6	E	4-6	E	3-6	E	4-6	E	3-5	NE	2-5	ENE	2-5	E	4-6	E	3-5	E	2-4	ENE	2	NE	1-3	6
6	E	5-6	E	5	E	5-6	E	5-6	ESE	3-5	ESE	2-5	E	3-6	E	3-5	E	4-5	ESE	4-6	E	4-5	ESE	6	6
7	ESE	4-5	E	3-4	E	3-4	E	3-4	ESE	4	ESE	4-5	E	4	ESE	4	SE	4	ESE	4	ESE	3	E	3	5
8	E	1	E	2	E	2-3	E	2-3	ESE	3	E	3	ESE	3	ESE	2-3	ESE	2	E	2	E	2	E	0-1	3
9	Calm	0	N	0	N	0-1	ENE	0	NNE	0-1	E	1	NNE	1	E	2	ENE	2	E	2	ENE	0-1	Calm	0	2
10	NE	0-1	E	1-2	E	2-3	ESE	2-3	E	3-4	E	4	E	4	ESE	4	E	3-4	E	3-4	E	3	ESE	2	5
11	E	4	E	3-4	ESE	2-3	ESE	4	ESE	3	ESE	3	SE	3	ESE	3-4	E	3	ESE	4	E	3	E	3-4	4
12	N	2	N	1-2	N	2-3	Var.	0-1	WNW	1-3	W	1	WNW	0-2	W	2	W	2	W	2-3	NW	2-3	SW	2	3
13	S	1	SW	1-2	SW	1	SW	1	SW	1-2	SSW	1	SW	0-1	SW	1-2	SW	1	WNW	0-1	S	1-2	S	1-2	3
14	SW	1	NW	0-1	WNW	1-2	SW	2-3	WSW	1	SW	2-3	WSW	1-2	WSW	2-3	WSW	3	WSW	3	WSW	3	W	2-4	4
15	SSW	1-3	WSW	1-3	SSW	1-3	SW	2-3	SW	2-4	SW	3-4	SSW	4	SW	2-3	S	2-4	S	3	S	3	S	2-3	4
16	S	2-3	S	2-3	S	2-3	SW	3	SSW	3	SSW	3	SW	2-3	SW	1-2	SSW	2	S	2-3	S	2-3	SSE	2	4
17	ESE	4	ESE	3-4	S	3	SE	1-2	ESE	3	SE	1-2	SE	1-2	S	1-2	S	1-2	S	2	S	3	SW	3	4
18	SSE	1-2	SSE	2-3	SSE	3	SE	3	SE	4	SE	4-5	SE	4	SE	5	ESE	5	E	4-5	ESE	5-6	ESE	4-5	6
19	ESE	3	SE	3	SSE	3	SE	2-3	ESE	2	SE	2	ESE	2	SE	2	SE	2-3	ESE	2	ESE	2-3	ESE	2	3
20	E	1-2	E	2	E	3-4	E	3-4	E	3-5	E	4-5	E	4-5	E	5-6	E	3-5	E	6	E	3-6	E	5-7	8
21	E	5-6	E	6	E	5	E	5	E	4-5	E	3-4	E	3-4	ESE	5-6	SE	4-5	SE	4-5	SE	4-5	SE	3-4	6
22	S	2	SSE	2-3	SSE	2	SSE	2	SSE	3	SE	3-4	SE	4	SE	3-4	SE	3	SE	3	SSE	2-3	SE	2-3	4
23	S	0-1	S	0-1	SE	1	ESE	2-3	SE	2	SE	2	SE	1-2	SE	1-2	SE	2	S	1-2	S	2	E	2	4
24	E	4	SE	3-4	ESE	4-5	SE	4-5	SE	4-5	SE	4	SE	3-4	SE	3	ESE	3	E	2-3	E	3	E	3	5
25	ENE	0-1	ENE	1	N	1-2	NE	1-2	NE	2	NE	2-3	NE	2-3	N	1-2	N	1-2	NE	1	ENE	0-1	N	0-1	3
26	N	1-3	N	1-3	NE	1-2	NNE	1-3	NE	1-3	N	3-4	N	1-3	N	2-3	N	2	N	2	NW	1-3	N	0-2	4
27	NNW	0-1	N	1	WNW	0-1	N	1-2	N	0-1	N	0-1	N	1	N	0	N	0	N	0	Calm	0	S	0-1	2
28	Var.	0	N	1	NNE	0-2	N	1-2	N	1	N	0-1	W	1-2	W	2	W	2	W	1-2	SSW	0-1	Calm	1	2
29	NE	2	NNW	1-2	NE	0-1	NW	0	W	1-2	N	3	N	2	W	2	Var.	1-2	NW	2	NW	2-3	NW	2-3	3
30	NE	1-2	NNE	2-3	N	1-3	N	1-4	NNE	1-3	N	3	N	1-3	N	1-3	ENE	2-4	ENE	2-4	ENE	1-2	NE	2-4	4
31	N	2	N	2-3	NE	1-2	N	2-3	NE	1	N	1-3	N	2	N	2-3	NE	0-1	N	2-3	N	1	NE	1-2	3
MEAN		2·31		2·44		2·48		2·60		2·61		2·73		2·60		2·79		2·63		2·81		2·74		2·53	

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Force.
1	ESE	4-5	SE	4-5	SE	4	ESE	4-5	ESE	3	ESE	3	SE	2-3	ESE	2-3	ESE	3	ESE	3-4	ESE	3	ESE	3-4	3·6
2	S	2-3	S	3	SE	2-3	SE	2	SE	4	SSE	4	SSE	4	SE	4-5	S	2-3	S	2-3	S	2-3	S	2-3	2·5
3	SE	4-5	E	4-5	E	5	ESE	5-6	ESE	4-5	SE	4-5	S	4	ESE	4	ESE	3-4	SE	4	SE	5	ESE	5	3·9
4	E	3-4	E	4-5	ESE	5	E	5	E	5	E	4-5	E	5	E	5	E	5-6	E	5	E	5-6	E	4-6	4·1
5	ENE	2-5	Var.	0-1	E	1	E	2	E	3	NE	2-3	NE	2	E	2	E	2-3	E	3	E	3-4	E	5-6	3·2
6	E	3-5	E	3-4	E	2-3	ESE	3	SE	3	SE	2-3	ESE	2-3	ESE	3	ESE	2-3	ESE	3-4	ESE	4-5	E	4-5	4·0
7	SE	2-3	SE	3	E	2-3	E	2-3	ESE	3	E	2	ESE	2-2	E	2	E	2	E	2	NE	0	NNE	1	2·9
8	Calm	0	Calm	0	E	0	NNE	0-1	E	0-1	E	0-1	E	0-1	N	0-1	Calm	0	Calm	0	N	0	N	0	1·2
9	N	0-1	E	0-1	E	0-1	E	0-1	E	0	N	0	N	0	ENE	0	E	0	E	0-1	NE	0	E	0-1	0·5
10	E	3	E	2-5	E	3-5	E	2-3	E	2-3	SE	2-4	ESE	1-2	E	2-3	E	3	ESE	2-3	E	3-4	E	3-4	2·9
11	SE	2-3	E	0	N	0-1	NE	0-1	Var.	0-1	N	1-2	Var.	1-4	N	2-4	N	1-3	N	1-3	E	1	E	0-1	2·4
12	SW	1-2	WSW	2	WSW	2	WSW	2	WSW	2-3	WSW	2	SW	1	Var.	0-1	Var.	0-1	SSE	1-2	S	1-2	SW	1	1·6
13	S	2	S	2	SSE	2	S	1-2	SE	2-3	S	2	SSW	2	S	2-3	S	1-2	SW	1	SW	2-3	WSW	1-2	1·5
14	W	2-3	SSW	2-4	SW	1-2	SSW	2-3	SW	2-3	W	2-3	W	2-3	SSW	2-3	S	2-3	W	1-2	WSW	1-3	S	2-4	2·2
15	WSW	2-3	SSW	2-3	WSW	2-3	SSW	2-3	WSW	3	SSW	2-3	SSW	2	WSW	1-2	SSW	1-2	SSW	2-3	SSW	2-3	S	2-3	2·5
16	S	2-3	SSE	2	SE	1-2	SSE	2	SE	2	SE	1-2	SE	2	ESE	2-3	SE	2-3	ESE	3	ESE	3	ESE	3-4	2·4
17	WSW	2-3	SW	3	S	2-3	SSW	1-2	W	1-2	SW	1-2	SE	2	S	2	S	1-2	SE	2-3	SE	3	SSE	2-3	2·3
18	E	5-6	SE	3-5	SE	4	SE	4-5	ESE	3	E	3-4	E	3	SE	3-4	ESE	3-4	SE	2-3	ESE	2-3	E	4	3·8
19	E	2	E	2	ESE	2	ESE	2	E	1-2	Calm	0	E	1	E	0-1	E	0-1	ENE	0	E	0	E	1	1·7
20	ESE	5-8	E	6	E	6-7	E	6	E	7-8	E	5-6	E	6-7	E	6	E	6-7	E	5	E	6	E	5-6	5·1
21	SW	2	SSE	2-3	SE	3	S	3-4	SE	3-4	S	3-4	SE	4	SE	4-5	SE	4-5	SE	5	SE	2-3	S	2	4·0
22	S	1-2	SE	2	S	1-2	S	1-2	S	1	E	1	SE	1-2	SSW	0-1	S	2	S	2	S	2	W	0	2·1
23	ESE	2	E	2-3	E	2-3	ESE	3	E	4	E	3-4	ESE	4	ESE	3-4	E	4	E	3	ESE	4	ESE	4	2·5
24	E	3-4	E	2-3	ESE	3	E	2-3	E	3-4	E	3-4	E	4	E	2	E	2	E	3	E	0-1	NE	0-1	3·1
25	N	0-1	N	0-1	NNW	0	WNW	0	NE	1	WNW	0-1	Calm	0	NNE	0-1	NE	1	E	2	N	2-3	N	1-3	1·1
26	N	0-2	W	1-2	Var.	0-1	NW	1-2	NE	1	N	1-2	N	0-2	NW	0-1	N	0	N	0-1	Calm	0	WNW	0-1	1·4
27	SSE	0-1	S	0-1	E	0-1	Calm	0	N	0-1	N	0-1	N	0-1	N	1-2	N	0	N	1-2	N	1-2	Var.	0-1	0·6
28	W	0-1	Var.	0	Calm	0	E	0	E	0-1	ENE	1	N	1-2	N	0-1	NE	0-1	N	2	N	2	NNE	2	1·0
29	Var.	0-1	NW	2-3	Calm	0	Calm	0	N	0-1	N	1	N	0-1	NE	1	NE	0	ENE	2	NE	1-3	NNE	2-3	1·4
30	NE	2-4	N	2-4	ENE	2-3	ENE	1-3	N	2-4	ENE	2-4	N	2-4	NE	2-3	NE	3-4	NE	2-3	NNE	2-4	N	1-3	2·5
31	N	3	N	2	Calm	0	N	0-1	N	0-1	NE	0-1	NNE	1-2	NE	0-1	WNW	0-1	W	1	W	0-1	W	0-1	1·4
MEAN		2·47		2·37		2·11		2·18		2·39		2·21		2·27		2·19		2·10		2·34		2·32		2·32	2·44

N 86. NNE 13. NE 38. ENE 18. E 174. ESE 91. SE 99. SSE 28. S 56. SSW 21. SW 29. WSW 19. W 22. WNW 9. NW 10. NNW 3. Calm 28.

WIND. DIRECTION AND FORCE (0 to 12). JUNE 1890.

	1		2		3		4		5		6		7		8		9		10		11		12		Max.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	NW	1-2	NW	1-2	WNW	1-2	NW	0-1	W	1-2	W	2	WSW	2-3	W	2-3	W	3	WNW	2	NW	2-3	Var.	2-3	3
2	N	0-2	N	1-3	N	1-2	N	1-2	N	0-1	Var.	0-1	NNE	0-1	W	1-2	SW	2	SW	2	SW	2-3	WSW	3-4	4
3	WNW	2	W	1-3	W	1-3	WNW	2-3	W	3	WNW	2-3	SW	2-3	WSW	2-3	WSW	1-2	SW	3-4	WSW	3-4	W	2-4	6
4	N	1-2	NW	1-2	NW	1-3	WNW	0-2	WSW	3-4	WNW	2-3	W	2	W	1-2	NW	1-2	W	3	WNW	2	W	3	4
5	S	3-4	WSW	1-2	SW	3-4	WSW	1-2	WSW	3	WSW	3	SW	2-3	SW	3	W	2-3	WSW	2-3	SW	2-3	W	2	4
6	S	4	S	3-4	S	3-4	SW	3-4	W	2-3	WSW	2	WSW	1-2	W	1-2	NW	1-2	N	3	N	2-3	N	2-3	4
7	E	0-2	ENE	1-2	NE	1-2	ENE	0-2	ENE	1-2	N	1-2	NNE	2	N	2	N	0-1	N	1-2	NE	1-2	NE	1-2	3
8	SSE	3	SE	3	SSE	3	SSE	3-4	SSE	3	SE	3	SE	4	SE	4	ESE	3-4	E	3-4	SE	4	E	3-4	6
9	ESE	3	SSE	2-4	S	1-3	SW	1-2	SW	1-2	SW	2-3	SW	2	SW	1	W	2	W	1-2	W	1-2	W	2	4
10	SSE	3-4	SE	3-4	SE	3	SE	3-4	SE	3-4	SSE	4	SSE	3-4	SE	4	SE	4-5	SE	4-5	SE	5-6	ESE	4-6	8
11	ESE	4-5	ESE	5	ESE	5	ESE	5	ESE	4-5	SE	3-4	E	3	E	3	E	3	ESE	2-3	E	2-3	E	4	5
12	ENE	1-2	N	2-5	NNE	2-6	NE	2-6	NE	3-7	NE	3-7	N	3-6	N	4-8	N	3-7	NNE	3-5	N	4-6	N	3-6	8
13	NNE	2-3	N	1-2	N	1-2	N	1-2	N	1-3	N	2-4	N	1-2	N	0	N	0-1	Var.	0-1	Calm	0	Calm	0	4
14	N	1	NW	0-1	NW	0-1	W	1-2	NW	0-1	NNW	1	W	1	W	0-1	W	0-1	Calm	0	Calm	0	E	0	2
15	SW	1	WNW	1-2	WSW	1-2	SW	1	SW	1	W	2	W	2-3	WSW	2-3	SW	2-3	WSW	2	SW	2	WSW	2	3
16	W	1-3	SW	2-4	SW	2-5	WSW	1-4	WSW	2-4	W	2-4	W	1-4	NNW	2-4	W	3-4	NNW	2-4	NW	3	WSW	3	5
17	NW	1-2	NW	0-2	Var.	0-1	W	1-3	WSW	1-3	SW	3	WSW	2-3	Var.	1-2	WNW	1-2	W	2-3	W	3	NW	3	4
18	N	1-2	N	1-3	N	0-1	NE	0-1	N	1-2	NW	2	NW	3	NNW	2	NW	3	SW	3	SW	2	SSW	3-4	4
19	NE	1	Var.	0-1	NE	1-2	NE	1-2	Var.	0-2	N	0-2	NNW	1	N	1-2	N	1-3	N	0-1	W	2	WNW	2-3	4
20	WSW	3-4	W	2-4	WSW	3-4	W	1-2	W	3	W	3-4	W	2-3	W	2	WSW	1-2	NW	2-3	NW	2-3	WNW	3	4
21	W	1-2	W	1-3	WNW	1-2	NNW	1-2	Var.	0-2	W	2-3	WNW	1-3	WNW	0-2	W	1-2	W	1-2	WNW	1-2	W	0-1	3
22	SW	2-3	SW	1-3	NW	1-2	W	1-2	Var.	0-1	WSW	1-2	N	1	N	1-2	NE	1-2	N	1-2	N	1	N	0-1	3
23	SW	1-2	SW	2	SW	1-2	SW	2	SW	3-4	SW	2-3	WSW	2	SW	1-2	W	1-2	W	1-2	SW	3	W	3	4
24	NW	0-1	N	1-3	NE	1-2	W	1-3	W	1-3	W	2-4	W	2-3	WNW	3	WNW	3	W	1-3	WSW	2-3	SW	2-4	7
25	SW	5-8	W	5-8	W	3-6	W	1-3	W	1-3	WNW	2-4	W	1-4	NW	2-3	WNW	1-4	WNW	2-4	NW	3	NW	2-4	8
26	WNW	1-2	WNW	1	WNW	0-1	WSW	2	SW	2	W	0-1	S	0-1	S	0-1	S	0-1	SSE	1	SE	0-1	S	0-1	3
27	S	0-1	SW	1	SW	1	WSW	0-1	W	0	Calm	0	Calm	0	Calm	0	N	0	Calm	0	N	0-1	N	0-1	3
28	NNE	0-1	E	0-1	ENE	0-1	ENE	1-2	N	1-2	N	1-2	N	1-2	N	0-1	N	0	N	0	Calm	0	Var.	0	2
29	SW	0	WSW	1	WSW	1	NW	0-1	WNW	1-2	WSW	2	WSW	1-2	WSW	2	SSW	2	SSW	2	S	1-2	S	2	8
30	ESE	7-8	SE	5-7	SE	7	SE	7	SE	6-7	SE	5-7	ESE	7	ESE	6-7	E	7-8	E	5-7	E	8	ESE	8-9	9
MEAN		2·22		2·28		2·20		2·05		2·25		2·43		2·25		2·15		2·18		2·20		2·38		2·52	

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Force
1	NW	2-3	N	2	NW	2	E	2-3	Var.	0-2	Var.	0-2	NE	3	N	2-3	N	2-3	NE	2-3	N	2-3	Var.	0-1	2·0
2	WSW	3	W	3-4	W	2-3	W	1-3	W	2	W	3-4	W	2-3	W	2-4	W	3-4	NW	2-3	Var.	1-3	WNW	1-2	2·1
3	W	3	SW	2-3	SW	3-4	SW	2-4	WSW	3-4	S	4-5	SSE	4-6	SSE	5-6	SSE	4-6	S	5-6	SSW	1-2	WSW	1-3	3·1
4	WNW	2-3	W	2-4	W	1-2	W	2	SW	2	SW	3	SW	3	SW	1-2	SW	3-4	SW	3	SW	1-3	W	2-3	2·3
5	WSW	2	WSW	2-3	SW	1-2	SW	2-3	W	2	SW	2-3	WSW	3	SW	2-3	SSW	3-4	S	4	S	3-4	S	2-4	2·6
6	N	2	E	1-3	N	1-3	NNE	2-3	NE	1-3	NNE	1-2	ENE	1-2	N	0-2	NNE	2-3	E	2-3	NNE	1-3	N	1-3	2·3
7	NE	0-1	NE	2-3	ENE	2-3	ENE	1-2	NE	1-3	NE	1-2	ENE	1	NE	0-1	Calm	0	SSE	0-1	SSE	1-2	SSE	2	1·4
8	SE	4	ESE	4-5	SE	4-5	ESE	4-5	SE	4-5	SE	5	SE	5-6	SE	5	ESE	5	ESE	4-5	E	4	E	3	4·0
9	WNW	1-2	W	1-2	WSW	2	WSW	1	NNW	1	W	1-2	SSW	2	SSE	2	SE	2	SSE	3	SE	3	SE	3	2·0
10	SE	6-7	ESE	6	ESE	5	ESE	5	ESE	5	E	5-6	E	6-7	ESE	5-6	ESE	7	ESE	7-8	ESE	5-7	ESE	4-5	4 9
11	E	4-5	E	4-5	E	3-4	E	4	NE	1-3	N	1-3	ENE	1-3	ENE	2-3	NE	1-2	N	1-3	N	2-4	N	1-2	3·3
12	NE	2-4	N	3-6	NNE	2-5	NE	1-3	NE	2-5	N	2-4	NE	1-3	N	1-3	N	1-3	N	1-3	N	2-4	NNE	2-3	3·5
13	Var.	0	S	0-1	S	0-1	S	1-2	Var.	0-1	S	0	SSW	0-1	SW	1	SW	1	N	1	N	0-1	N	1	0·9
14	Calm	0	E	0	N	0	E	0-1	Calm	0	Var.	0	N	0	ENE	0	ESE	0-1	SE	1	S	1	SE	2	0·5
15	SW	2-3	W	2	SW	1-2	SW	0-1	SW	0-1	SW	1-2	SW	1-2	SW	2	WSW	1-2	WNW	1-2	WNW	1-3	SW	2-3	1·7
16	W	2-4	NW	1-3	NW	1-3	WNW	2-3	WSW	1-4	W	2-4	NW	3	Var.	0-2	NW	1-3	SW	2-4	SW	2-3	NW	1-3	2·6
17	Var.	1-2	NE	2-4	ENE	1-2	NE	1-3	NE	1-3	Var.	1-2	Var.	0-2	NE	1-3	NE	1-2	N	1-2	N	1-3	NNE	1	1·9
18	SW	3	S	2-4	WSW	1-3	W	2-4	W	2-3	WSW	2	Var.	1-2	ENE	1-2	ENE	1-2	Var.	1-3	NE	1-3	NE	1-2	2·1
19	WSW	3	WNW	1-2	W	1-2	SW	2-3	WSW	4	WSW	2-4	WSW	4	W	2-4	WSW	3-4	SW	3-4	SW	3-4	SW	3-4	2·2
20	WNW	3	N	1-3	N	2-3	NW	1-3	WSW	2	WSW	1-4	WNW	1-4	NW	1-2	WNW	1-2	W	1-3	N	0-2	W	1-3	2·4
21	WSW	2-3	WSW	1-2	WSW	1-2	S	1-2	WSW	2	SW	1-2	WSW	2	W	1-2	SW	2	SSW	1-2	SW	2-3	SW	1-2	1·6
22	WNW	1-2	NNW	1-2	N	1-2	ENE	1	Var.	0-1	N	0-1	NW	1	WNW	1-2	NW	2	NW	0	W	1-2	WSW	2	1·3
23	WNW	2	WSW	2-3	W	2-3	WNW	2-3	W	2	WNW	2-3	NW	2	NE	1-2	NE	1-2	NW	1-2	WNW	1-2	NW	1-2	2·0
24	SW	3-4	W	1-2	SW	1-2	S	2	S	3-4	S	3-4	S	2-4	SSW	2-4	SSW	2-4	SSW	3-5	SW	4-7	SW	4-6	2·8
25	Var.	1-3	N	1-2	W	1-2	N	0-1	NW	1-3	WSW	1-2	Var.	0	Calm	0	N	0-1	N	1	NW	1	NW	2	2·3
26	SSW	1-2	SE	3	S	1-2	Var.	0	W	1-2	WSW	1-2	SW	2	SSW	0-1	SSW	1	SSE	1	S	1	SW	0-1	1·1
27	Calm	0	NE	1-3	W	1	NE	1-2	NE	0	Var.	0-1	N	0-1	N	1-2	Calm	0	N	1	NW	1-2	NE	0-1	0·6
28	Calm	0	Var.	0	N	0-1	Calm	0	Var.	0-1	NE	0-1	N	0-1	E	0-1	Calm	0	Calm	0	N	0	N	0	0·4
29	WSW	2	SW	2	SSW	0-1	S	2-3	S	3	SE	3	SSE	3-4	S	3-4	S	4-5	SSE	4-5	S	5-6	SE	6-8	2·4
30	E	7	E	6-7	E	6-7	E	6-7	E	5-7	ENE	4-7	E	2-5	NE	1-2	NE	2-3	N	1-3	N	2-3	NE	2-3	5·7
MEAN		2·43		2·50		2·13		2·17		2·18		2·28		2·30		2·02		2·27		2·38		2·37		2·20	2·26

N 94. NNE 13. NE 43. ENE 18. E 34. ESE 27. SE 35. SSE 20. S 35. SSW 15. SW 82. WSW 64. W 96. WNW 41. NW 46. NNW 8. Calm 49.

WIND. DIRECTION AND FORCE (0 to 12). JULY 1890.

	1		2		3		4		5		6		7		8		9		10		11		12		Max.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	NE	2-4	E	2-3	ENE	1-3	NE	3-4	N	4-6	N	4-6	N	3-6	N	5-6	NW	2	N	1-2	N	2	N	2-3	6
2	W	0-1	SW	0-1	SSW	1	SW	1	WSW	2	SW	2	WSW	0-1	WSW	1	Calm	0	SW	0	Calm	0	S	0	2
3	N	1	N	0-1	N	0	Calm	0	N	1	Var.	0-1	Var.	0-1	SW	0	Calm	0	N	0	N	0	N	0-1	1
4	N	1	N	1-2	N	2	NE	0-1	ENE	0-1	NE	1	Calm	0	NE	0-1	N	0	Var.	0	N	0	N	0-1	2
5	N	0-1	N	1	Calm	0	Calm	0	N	1-2	N	2-3	N	1-2	N	1-2	N	1	NE	1	ENE	1-2	N	0-1	3
6	Var.	0-1	E	1-2	ENE	1-2	N	1-2	NE	0-2	NE	1-2	N	2	N	1-3	N	1-2	Var.	0-1	Calm	0	NE	0-2	3
7	NE	1-2	N	1-2	N	2-3	N	2	N	1-2	N	1	NW	1-2	W	0-1	W	1-2	WSW	1	W	1	Var.	0	3
8	N	0	Var.	0-1	N	1-3	N	3-4	N	1-2	N	4	N	2-4	NE	1-3	N	1-3	NNE	1-3	N	1-2	N	1	4
9	N	0-1	NE	1-2	N	2	NNE	1-2	N	2-3	N	3-4	N	4	N	3-4	N	1-3	N	1-4	N	1-3	N	2-3	4
10	N	0-1	N	1-2	NE	1-2	NE	0-1	N	3-4	N	1-3	N	1-3	N	1-3	N	1-3	N	1-2	Calm	0	NE	0	4
11	N	1	N	0-1	N	1	N	1	N	0	Calm	0	NE	0-1	Var.	0	N	0	Calm	0	N	0	N	0	2
12	Calm	0	WNW	0-1	NW	0	N	0	SW	1	WNW	0-1	W	2	WNW	1	Var.	0	W	0	Calm	0	S	1	3
13	W	0-1	SW	1	SW	2-3	SSW	3	SSE	3	S	2-4	SSW	3	SW	3-4	SW	3-4	SW	3-4	SW	3-5	SW	3-6	6
14	SW	2-4	WSW	1-4	SW	1-3	SW	1	WNW	2	NW	0-2	WNW	0-2	W	1-2	W	1-3	W	1-4	WNW	1-3	WNW	1-4	4
15	SW	2	W	1-2	W	1-3	W	1-3	SW	1-3	WSW	2-3	WSW	2	WSW	1-2	SW	1-2	SW	1-2	WNW	1	W	2-3	3
16	NW	1-2	N	1	N	0-1	NNW	0-1	N	0	Calm	0	NW	0	NW	0	SW	0-1	SW	0-1	SW	0-1	SW	0-1	2
17	SW	1	SW	1	WSW	1	S	0	S	0	SSW	0-1	SSW	0	Calm	0	S	0	S	0-1	S	0-1	SSW	0-1	1
18	WNW	0	W	0	N	0-1	W	0	W	1	WNW	1	WNW	1	WNW	0-1	W	0	WSW	0-1	Calm	0	WNW	0	2
19	E	1-2	ENE	0-1	E	1	N	1	N	0-1	N	0	NNW	0	NNW	0	Calm	0	Var.	0	Calm	0	Var.	0	2
20	NW	1	WNW	1-2	WNW	2-3	NW	2-3	N	2-3	N	2-3	NNW	2-3	N	3	N	3	N	0-1	Calm	0	N	0	6
21	N	4-6	N	4-6	N	0-2	N	1-3	N	2	NNW	3-4	NNW	1-3	NNW	4	Var.	0	N	1-3	NW	1-3	WNW	0-2	6
22	N	1-3	NE	1-2	NNE	1-2	N	1-3	ENE	1-3	N	2-4	W	0-3	N	2-4	N	2-4	N	2-4	W	0-2	NE	0-1	4
23	N	0-2	E	1-2	N	1-3	Var.	0-1	ENE	2-3	N	2-3	W	2-4	Var.	1-3	E	1-3	E	1-3	Var.	0-1	Var.	0-1	4
24	N	2-4	N	1-3	ENE	2-4	N	2-4	N	1-4	N	4-5	N	5-6	NNW	2-3	NE	0-1	Var.	0-3	NE	0-3	E	0-1	6
25	N	2-3	N	2-4	N	1-3	N	2-4	N	2-4	N	3	N	2	NW	1-3	N	0	Calm	0	Calm	0	Calm	0	4
26	SSE	4	SSE	4	SSE	4	SSE	4	SSE	4	S	3-4	S	2-3	SSW	2	SSW	2-4	SW	2	SW	2	WSW	1-2	4
27	N	2	SW	1-3	SW	2-3	SW	3-4	SW	3-4	W	1-3	W	1	SW	0-2	WSW	1-3	SW	1-3	SW	0-2	W	0	4
28	SW	2-3	SW	1-3	SW	2-3	WSW	2-3	SW	3-4	SW	3-4	WSW	3-4	WSW	1-3	WSW	2-4	WSW	1-3	WSW	3-5	SW	3-5	5
29	NNE	1-2	N	1	W	0-2	N	1-3	Var.	0-2	N	0-3	W	0-1	Var.	0-1	W	0-1	W	0	NW	0	NW	0-1	5
30	SW	2-3	WSW	1-3	W	1-2	WSW	2-3	W	1-2	W	0-1	SW	0-1	W	0-2	WSW	2	W	3	W	0-1	W	0-1	3
31	W	0-2	WSW	2	W	2-3	W	0-1	W	0-2	S	2-3	SW	2	WSW	0-2	SW	1-2	SW	2-3	WSW	1-2	SW	0-1	3
MEAN		1·53		1·56		1·65		1·63		1·89		2·06		1·73		1·63		1·29		1·27		0·97		0·98	

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Force.
1	WNW	1	N	1-2	NW	0-1	N	1-2	Var.	0-1	NW	0-1	N	0-1	Calm	0	Calm	0	Calm	0	WNW	0-1	WNW	0	1·9
2	Calm	0	N	0-1	Calm	0	N	0-1	W	0-1	Calm	0	Var.	0	NW	0	N	0	NNW	0	Calm	0	N	0	0·4
3	Calm	0	N	0	N	1	N	1	Calm	0	N	0-1	N	0-1	N	1	N	1	N	1	NW	0-1	NNW	1	0·5
4	N	0	N	1	E	0-1	N	0-1	N	0-1	Var.	0-1	N	0-2	N	1-2	N	0-1	Var.	0	N	1	N	1	0·5
5	N	1-2	N	1-2	ENE	1-2	Var.	0	ENE	0-1	E	0-1	E	1-2	Var.	0-2	E	1-2	E	2-3	E	0-1	Var.	0-1	1·1
6	N	1	NE	1-3	NE	1	N	1-2	N	1-2	N	2-3	N	1-3	ENE	1-2	N	1-2	N	0-2	Var.	0-1	NE	1-2	1·3
7	W	1	SW	1-2	WNW	1	SW	1	SW	1	SSW	1	SSE	1	Var.	0	Calm	0	Calm	0	Calm	0	ESE	0	1·0
8	Calm	0	N	0-1	Var.	0-1	Var.	0-1	NW	1	WNW	1	Var.	0-1	N	0-1	Calm	0	NE	1-2	N	0-1	N	1-2	1·3
9	N	1-3	Var.	0-2	Var.	0-1	Var.	0-1	N	1-3	N	1-4	N	1-4	N	1-2	N	2	N	1-2	N	1-2	Var.	0	1·9
10	NE	0-2	E	0-1	N	0-1	N	1	Calm	0	N	0-1	N	1-2	N	0-2	N	0-1	N	1-2	Calm	0	NW	0-1	1·1
11	Calm	0	N	0	Calm	0	Var.	0-1	NE	0-2	N	0-1	N	0-1	Calm	0	Calm	0	Calm	0	Calm	0	Var.	0	0·3
12	S	1	SE	2	SE	2-3	SE	1-2	SE	1	SE	1-2	SE	2	SE	3	SSE	3	SE	2-3	SSE	2	S	1-2	1·2
13	SW	3-6	SW	3-4	SW	3-5	WSW	3-5	WSW	2-5	WSW	2-5	WSW	3-5	W	2-4	WSW	3-4	SW	3-4	SW	3-5	SW	1-4	3·3
14	W	1-4	W	1-2	WNW	1-2	W	1-2	WSW	1-3	WSW	1-3	WSW	1-3	S	2-3	W	1-2	SW	2	W	1-2	SW	2	1·9
15	W	2	WNW	1-2	NW	1-2	N	1-2	SW	0	N	0-1	Var.	0	E	0-1	NNE	0-1	Calm	0	Calm	0	N	1-2	1·3
16	Var.	0	WNW	0	W	1	Calm	0	W	0-1	Calm	0	W	0	SW	1	SW	1	W	0-1	SW	1-2	SW	1	0·5
17	SSW	1	S	0-1	S	0-1	SW	1	WNW	0-1	Calm	0	Calm	0	SE	0-1	SE	1	SSE	1	S	0	W	0	0·5
18	NW	0	Calm	0	N	0	Var.	0	NW	0	Calm	0	NNW	0	N	1	N	1-2	N	0	NNE	1	N	1	0·4
19	N	0	Calm	0	NW	0-1	Calm	0	Calm	0	N	0	Var.	0	N	0	N	0	Calm	0	SW	0	SW	1	0·2
20	W	0-1	WNW	3-4	W	2-3	WSW	2-3	SSW	2-3	WSW	3-4	WSW	3	SW	2-3	WSW	3	SW	3	N	4-6	N	4-5	2·4
21	W	3-5	SW	3-4	SW	1	SW	2	SW	3	WSW	3-4	W	2-3	W	2	NW	1-2	NNE	1-2	NNW	2-3	N	2-4	2·5
22	E	1-2	Var.	1-3	NE	1-3	NE	1-3	N	1-3	NE	0-2	ENE	0-1	ENE	1-2	NE	1-3	N	1-2	ENE	1-3	N	1-2	1·8
23	SE	1-2	ENE	1-2	E	0-1	Var.	0-1	N	0-2	N	1-2	Var.	1-3	N	1-2	NE	1-2	NE	0-2	ENE	1-2	N	0-2	1·4
24	N	0-1	E	1-2	ENE	1-3	NNW	1-3	N	1-2	Var.	1-2	E	2-4	N	2-4	N	2-3	N	2-3	N	2-3	N	1-2	2·2
25	W	0	WNW	0-1	SW	0-1	SW	1	SW	0	SW	1-2	WSW	1	SW	2-3	S	2-3	S	2-3	S	2-3	SSE	3	1·6
26	WSW	0-2	WSW	0-1	W	1-2	W	1	WNW	1	NW	1	WNW	1-2	W	2-3	NW	1-2	NW	2	WNW	1-2	Var.	0-2	2·2
27	W	0-1	SW	0-1	WSW	2	W	3	WSW	2-4	SW	2	W	2-4	SW	2-4	SW	2-4	WSW	2-4	SW	2-4	W	1-3	2·2
28	W	3-4	W	3-4	W	2-3	W	2-4	NW	3-4	WNW	1-3	SW	0-1	NW	1-2	NW	2	NW	0-2	NW	0-2	N	1-2	2·5
29	SW	1-2	SW	0	WSW	1-2	WSW	2-3	SW	1-3	SSW	2-3	S	2	S	3	S	3-4	S	4-5	S	4	SSW	1-3	1·6
30	WSW	0-1	SW	1-3	WSW	1-3	SW	1-3	SW	1-2	SW	0-1	SW	1-3	Var.	0	WSW	1	WSW	0-1	WSW	1-2	W	2	1·4
31	WSW	2	SW	1-3	W	1-2	WSW	2	WSW	0-2	WSW	0-1	SW	2-3	WSW	1-2	W	0-2	Var.	0-1	WSW	1	WSW	2-3	1·5
MEAN		1·15		1·29		1·23		1·34		1·23		1·24		1·39		1·40		1·42		1·35		1·39		1·35	1·42

N 204. NNE 7. NE 32. ENE 17. E 20. ESE 1. SE 11. SSE 11. S 26. SSW 13. SW 93. WSW 57. W 73. WNW 31. NW 31. NNW 13. Calm 104.

WIND. DIRECTION AND FORCE (0 to 12). AUGUST 1890.

	1		2		3		4		5		6		7		8		9		10		11		12		Max.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	SW	2	SW	2	SW	2	SSW	2-3	SW	2	S	0-1	SW	0-1	SSW	0	SW	0-1	SW	0-1	SW	2	SSW	0	3
2	N	0	N	0-1	N	0-1	N	1-2	NE	0	N	0-1	Var.	0-1	Var.	0	N	0-1	Calm	0	Var.	0	N	0	3
3	WSW	3	WSW	3-4	SW	4	SW	4	SW	4-5	W	4-5	SW	2-3	SW	4-5	SW	3-4	SW	3-4	SW	3-4	S	2-3	5
4	S	1-2	SW	1-3	SW	2-3	SW	2-3	WSW	2-3	WSW	2-3	WSW	0-1	SW	1	SW	1-2	SW	2	SW	2	SW	1-2	5
5	WSW	2-3	SW	2-3	SW	3	SW	2-3	WSW	1-3	SW	2-3	WSW	2-3	SW	2-3	SW	1-2	W	1-2	SW	1-2	S	1-3	3
6	NE	1	N	1	N	0-2	NE	1-2	Calm	0	N	1-2	N	0	ENE	0	Calm	0	Calm	0	Calm	0	N	0	2
7	S	1	SE	1	SE	1-2	SE	0-1	SE	1	SE	0-1	SSE	0-1	SSE	0-1	S	0-1	SE	1	S	1	S	0-1	2
8	SE	1-2	SE	1-2	SE	1	SE	1	SE	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	SE	0-1	ESE	0-1	2
9	ESE	1	E	0	SE	0-1	E	1	SE	1	SE	1	SE	1	ESE	0-1	ESE	0-1	SE	0	SE	1	ESE	1-2	6
10	E	5-6	ESE	2-3	ESE	4	ESE	5-6	ESE	6-7	ESE	5-6	SE	6-7	ESE	6-7	E	6-7	ESE	6-7	ESE	6-7	E	5-6	7
11	E	1-5	E	2-5	E	4-5	E	3-5	ESE	3-7	ESE	6-7	E	5-7	E	4-5	E	1-4	E	1-3	E	0-1	E	0-1	7
12	N	0	Calm	0	E	0	SSE	0-1	S	0	Var.	0	N	0	N	1	Calm	0	Calm	0	NNW	0-1	NW	0	2
13	N	2	Var.	0-2	N	0-2	N	1-2	N	2-3	Var.	1-3	N	1-2	N	2-3	NNW	0-1	N	2-3	N	2-3	N	0-1	3
14	S	1	S	1	SSW	1	SSW	1	SW	0-1	SW	0-1	SW	1-2	SSW	1-2	SW	0-1	SW	0	SW	0-1	Calm	0	2
15	S	2	S	2	S	2	S	4	S	4-5	SE	4	SE	2	ESE	4-5	ESE	4-5	SE	2-3	SE	1-2	Calm	0	5
16	NW	0-1	NNW	0-1	W	0-4	NW	1	W	1-2	W	1-2	W	0-1	Var.	0-1	NW	1	W	2	SW	0-1	W	0-1	5
17	W	0-1	WSW	0-2	SW	0-1	SW	0-1	W	1	Calm	0	W	0	N	1	Var.	0	W	0-1	W	0	W	2	2
18	N	1	Calm	0	N	0-1	W	0-1	N	1-2	N	0-2	N	1	E	1	W	0	Calm	0	N	0	Calm	0	2
19	Calm	0	N	0	Calm	0	SW	0	SW	0-1	SW	0-1	SW	0-1	SW	0-1	SW	0-1	SW	0-1	SW	0-1	SW	0-1	2
20	WSW	1-2	SW	2	WSW	1-2	WSW	1-2	W	0-2	W	3	W	2	W	1-2	WNW	1-2	N	0-1	Var.	0	E	0-2	3
21	N	1	NW	1-2	NW	2-3	W	0-2	W	1-2	W	1	N	0-1	W	2	W	1	W	0-2	W	2-3	W	2	3
22	N	0-3	Var.	0-1	N	0-1	N	0-1	N	2-3	N	0-2	N	3-4	N	1-3	NW	3	W	1-3	Var.	0-2	W	1-2	4
23	W	0-1	N	2	N	2	N	2	N	0-1	N	0-1	N	1-2	N	0	N	0-1	Calm	0	Var.	0	N	2	3
24	N	0-2	N	3	N	0-3	NE	1-3	N	1-2	N	0-2	N	2	E	1-2	NNW	2	N	1-3	N	0-1	Var.	0-1	3
25	Calm	0	N	0	N	0	W	0	N	0-1	N	0-1	Calm	0	Calm	0	Var.	0	S	1	S	0-1	S	0-1	4
26	SE	3	SE	3	S	1-2	SW	2	SW	1	W	0-1	S	1	SW	0	SW	0	Calm	0	Calm	0	Calm	0	3
27	NNE	2	NE	1-3	N	0-2	NNE	1-3	Var.	0	N	1-3	N	2-3	N	2-3	Var.	0-1	N	1	N	0-1	NE	1-3	4
28	Var.	0-2	NNE	1-2	N	1-3	W	0	Var.	0	E	0-2	E	0	E	0-1	E	0-1	NE	0-2	NNE	1-3	N	0-1	3
29	N	2	N	2	N	2	N	0-1	N	2	N	1-2	N	1-2	NW	1-2	N	2-3	N	1	N	0	N	0	3
30	N	1-2	N	1-2	N	1-2	N	1	Calm	0	Calm	0	NW	0-1	Var.	0	N	1	N	0-1	N	0-1	N	0-1	2
31	NW	0-1	NNW	1	N	1	N	0-1	N	0-1	N	0	N	1	Calm	0	N	0	Calm	0	Calm	0	S	1	2
MEAN		1·44		1·47		1·56		1·56		1·53		1·52		1·40		1·42		1·19		1·13		1·03		0·95	

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Force.
1	W	0-1	WSW	0-1	SSW	1	SW	0-1	Calm	0	Calm	0	N	0	Calm	0	Calm	0	N	0	N	0	N	0	0·7
2	E	0	S	0	ENE	0-1	Calm	0	N	0	Calm	0	Calm	0	WNW	1	NW	1	NW	2	W	2	W	2-3	0·5
3	SW	2-3	SW	2-3	SW	3	SW	3	SW	3-4	SW	3	SW	2-3	SW	3-4	SW	3	WSW	1-2	SSW	3-4	S	2-3	3·2
4	SSW	3-4	WSW	3-4	SW	3	WSW	2-4	W	4-5	WSW	3-4	W	2	WSW	2-3	WSW	1-2	SW	2-3	WSW	1-2	SW	1-2	2·3
5	SW	1-3	SW	2-3	SW	1-2	SW	1-3	SW	0-1	WSW	1-3	WSW	1-2	N	2	NW	1-2	NNW	1-2	NW	1-2	NW	1-2	1·9
6	Calm	0	NW	0	W	0	Calm	0	Calm	0	Calm	0	E	0	ESE	1	SE	1-2	SSE	0-1	SSE	1	SE	1	0·5
7	S	0-1	SE	0-1	SE	0-1	SE	0-1	SE	1	ESE	0-1	SE	0-1	ESE	2	SSE	1	ESE	1	ESE	1	ESE	1	0·8
8	SE	0-1	SE	1	SSE	0-1	SE	0-1	ESE	0-1	SE	0-1	ESE	0-1	Var.	0	ENE	0	E	0-1	ESE	0	ESE	1	0·5
9	ESE	1	Calm	0	ESE	0	ENE	0-1	SE	2	ESE	1-2	E	3	E	4	E	4	E	4-5	E	5-6	E	5-6	1·7
10	E	5-6	ESE	5-7	E	2-6	ESE	3-6	E	5-7	E	6-7	E	3-7	ESE	6	ESE	7	E	4-6	E	5-6	E	1-6	5·5
11	Calm	0	Calm	0	N	0	N	0	E	0	Var.	0	Calm	0	NE	0	NE	0-1	N	0-1	N	0	N	0	1·8
12	Calm	0	Calm	0	N	1	N	1	N	0-1	N	0-1	N	1-2	N	0	Calm	0	NE	0-1	N	0-1	N	1	0·4
13	Var.	0	SE	0-1	SE	0-1	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	SE	0	SE	0-1	S	0	0·9
14	W	0-1	W	0	W	0-1	W	0-1	SW	1	SW	0-1	SW	2	SW	1-2	SSW	1-2	SSW	1	S	1-2	S	2	0·9
15	Calm	0	ESE	0-1	Var.	0	Var.	0-1	W	1	W	1	WSW	0-1	NW	0-1	W	1	NW	0-2	W	0-2	W	0-2	1·7
16	W	1-5	NW	1	W	2	NW	1	WSW	1-2	W	0-2	W	2-3	WNW	1-2	W	0-2	W	0-2	W	0-2	WSW	1-2	1·2
17	W	1	NW	0	WSW	0	Var.	0-1	S	0-1	W	0	E	0-2	NE	0-1	W	0	N	0-1	W	0	Calm	0	0·5
18	N	0	Calm	0	Calm	0	Calm	0	Calm	0	N	0-1	N	0	N	0-1	Calm	0	Calm	0	Calm	0	Calm	0	0·3
19	W	0-1	W	0-1	SW	0-1	W	0-1	SW	1-2	W	0-1	WNW	0-1	W	1	W	2	W	1	WSW	2	W	1	0·6
20	N	1-2	SE	0	N	0	S	0	NE	0-2	Var.	0	N	1-2	NW	0	WNW	3	NW	2-3	WNW	2-3	NW	0-1	1·2
21	W	0-2	WNW	0-1	N	0-1	WNW	1-2	Var.	3	E	0-3	NW	1-2	N	0-2	N	0-1	N	0-3	N	1-3	N	1-3	1·4
22	WNW	2	NW	0	W	0-1	NW	0-1	NW	2	W	0-1	W	1-2	W	1	W	0-2	W	0-1	W	0-1	NW	0	1·2
23	N	0-1	N	0-2	Calm	0	N	1-3	N	2	N	2	N	1-2	N	1-2	N	1-2	N	0-3	N	0-3	N	2	1·2
24	N	0-1	E	0-1	N	0-2	NE	0-2	Calm	0	E	0	N	0-1	N	1	Calm	0	Calm	0	N	0-1	N	0	1·0
25	S	1	S	1	S	0	S	1-2	S	2	S	2	S	3-4	S	3	SE	3-4	SE	4	SE	4	SE	3-4	1·3
26	WSW	0	SE	0	Calm	0	E	1	NW	1	Calm	0	NNW	1-2	N	0-1	NNE	1-2	NNE	1	N	2	NNE	1-2	0·9
27	N	1	N	1-3	NE	1-2	N	1-3	NE	1-3	E	0-1	N	0-1	N	2-3	N	2-4	N	3-4	N	1-3	N	1-2	1·7
28	N	1-2	NNW	2	N	1-2	N	2-3	N	0-1	E	0	NE	1-2	NNE	2-3	NNE	1-3	N	2	N	2-3	N	2-3	1·3
29	N	0-1	Var.	0-1	Var.	0-1	N	2	N	0	N	1	N	1	N	1	N	1	NW	0-1	N	1	N	1	1·1
30	NNE	0	N	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	N	0	N	0-1	N	1	Calm	0	N	0-1	0·4
31	SW	0-1	SSW	0	W	1	SW	0	SW	0-1	NW	1-2	W	2	W	2	WSW	2	SW	1-2	SW	1	SW	2	0·8
MEAN		1·00		0·85		0·81		1·05		1·23		0·98		1·27		1·40		1·48		1·42		1·53		1·40	1·27

N 178. NNE 10. NE 16. ENE 4. E 47. ESE 36. SE 47. SSE 7. S 38. SSW 12. SW 84. WSW 29. W 79. WNW 10. NW 32. NNW 7. Calm 108.

WIND. DIRECTION AND FORCE (0 to 12). SEPTEMBER 1890.

	1		2		3		4		5		6		7		8		9		10		11		12		Max.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	WSW	1-2	WSW	2	SW	3	SW	2	SSW	1-3	S	4-5	S	6	S	6	S	3	S	1-2	SSW	2-3	SW	3-5	6
2	SW	2-3	WSW	2-3	W	2-3	WSW	1-2	SW	2-3	SW	1	SW	0-1	WSW	1-2	WSW	1	W	0-1	W	1-2	SW	1-2	3
3	SW	3	WSW	2-3	SW	2-3	SSW	2-3	SW	1-2	SW	2-4	SW	2-3	SW	3	SW	3	SW	2-3	SW	2-3	SW	2-3	4
4	WNW	3	NW	1-2	WNW	1-3	NW	0-1	W	0-1	WNW	1-2	W	2-3	W	2-3	W	1-2	W	3	W	1-3	W	3	3
5	WNW	3	WNW	4	W	3-4	W	4	W	1-3	SW	1-2	W	3	W	3	W	3	W	3	W	3-4	W	3-4	4
6	NW	1	NW	2-4	NNW	1-3	NW	3	N	2-3	N	3	N	4	N	4	N	4	N	3-4	NNW	1-2	NNW	1-2	4
7	W	1	W	1	W	2	W	2	W	2	W	1-2	W	1-2	W	1	SW	0-1	S	0-1	S	1-2	S	1-2	4
8	SW	2	SW	2-3	SW	3	SW	3-4	SW	3-4	SW	4	SW	3-4	SW	4	SW	3-4	S	4-5	S	4-5	SSW	3	5
9	WSW	2-3	W	2-4	W	1-3	W	1-3	W	1-2	WNW	1-2	WNW	1-2	NNW	0-1	N	0-1	NE	1-2	NE	0-1	NE	0	4
10	W	1	W	0-1	NW	0-2	W	0-2	N	0-1	W	1-2	NNW	1-2	N	1-2	W	2-3	NW	3	NNW	1-2	W	2-3	3
11	NW	2-3	N	2-3	NNW	1-2	NW	1-2	W	2-3	NE	1-2	N	3	N	3	NNE	2-3	NNW	3	E	1-2	N	1-2	5
12	N	1	N	1-2	NW	1-2	NW	3	WNW	2	NNW	4-5	NW	3-4	NW	5-6	N	2-3	NW	4-5	N	2-3	NNW	2-3	6
13	S	2	S	2-3	S	2-3	S	2-3	S	1-2	S	2-3	S	2-3	S	3	S	3-4	S	2-3	SSE	3-4	S	3-4	4
14	S	2-3	SW	2	SW	3	S	3-4	S	2-3	S	5	S	3-4	S	3	SSW	2-3	S	2-3	S	1-2	S	1-2	5
15	SE	5	SE	5-6	SE	5-6	SE	5-6	SE	3-4	ESE	2-3	SSE	3-4	SSE	5-6	S	5-6	SSE	6-7	SE	7-9	SSE	8-9	9
16	SE	6-7	SE	6-7	SE	5-6	SE	5-6	S	4-5	S	1-3	S	0-1	SSE	2-3	SSE	5-6	S	3-4	SSE	8-9	S	7-8	9
17	SE	5	SE	7	SE	7	SE	7-8	SE	7	SSE	6-7	SSE	7-8	SSE	6	SSE	4-5	SSE	3-4	SE	5-6	SE	6	8
18	SE	5	SE	6	SE	5	SE	6	S	3-4	S	4	SSE	4	S	3-4	SE	2-3	S	1-2	S	1-2	SSW	1-2	6
19	SE	1	SE	1	SE	1	SE	2	SE	2	SE	2-3	SSE	2-3	SE	2-3	SE	3	S	2-3	S	3-4	SE	3-4	5
20	E	4	E	4-5	E	5	ESE	4-5	ESE	5	S	5-6	E	6-7	E	7-8	E	6-7	E	7-8	E	7-8	E	7-8	8
21	ESE	3-5	ESE	6-7	ESE	7	ESE	7	ESE	7-8	SSE	6-7	S	7-8	S	7-8	SSE	7-9	SSE	7-8	SE	5-6	SE	6-7	9
22	ESE	4-5	ESE	5-7	SE	6-7	SE	7	SSE	4-6	SSE	5-6	ESE	5	SSE	3-4	S	2-3	SSE	2-3	S	1-2	S	1-2	7
23	W	0-1	W	0-1	WSW	0-1	WSW	0-1	SW	0-1	SW	0-1	SW	0	SSW	0-1	SSW	0-1	SSW	1-2	SSW	0-1	SW	0-1	4
24	SW	2-3	WSW	2-4	WSW	2-4	SSW	3-4	WNW	2-3	WSW	2-3	W	2-4	WNW	3	W	2-3	WNW	2-3	W	2-3	WSW	3-4	4
25	Var.	1-2	N	1-3	NW	2	NW	1-2	WSW	1-2	WNW	1-2	W	1-2	WNW	1-2	N	1-2	Var.	0-1	SW	1-2	W	2	6
26	NW	2-4	NW	1-3	NW	0-3	NW	1-3	SSW	1-3	NW	2-3	W	2-3	W	3	WNW	3	WNW	3-4	N	2-3	N	3-4	5
27	WNW	1-4	WNW	2-4	W	2-4	W	2-4	W	2-3	WNW	1-3	NW	2-3	W	1-2	NW	2	N	2-3	N	2-3	W	2-3	4
28	NW	0-1	N	1	N	0-1	N	1-2	NNW	1-2	Calm	0	N	1-2	NW	1-2	NW	0-1	NNW	0-1	Calm	0	W	1-2	5
29	NW	0-2	W	3-4	WNW	1-4	W	1-4	WNW	1-3	W	2-4	WNW	2-4	WNW	1-3	W	1-4	W	3-5	WSW	3-5	W	4-6	6
30	WNW	1-3	N	1-4	N	1-3	N	1-3	WNW	1-2	WNW	1-2	WNW	2-3	WNW	1-2	W	2-3	W	2-3	Calm	0	S	2-3	4
MEAN		2·57		3·05		2·98		3·13		2·63		2·83		3·08		3·15		2·88		2·95		2·85		3·18	

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Force.
1	SW	2-3	WSW	2-3	SW	2-3	SW	1-3	WSW	1-3	W	2-3	WNW	2	WSW	1-2	W	1-2	WSW	2-3	SW	2-3	SW	3	2·7
2	W	1-2	WSW	2	WSW	2	WSW	1-2	SW	1-2	SW	1-2	WSW	2	WSW	3	W	2	W	2	W	2-3	WSW	2-3	1·8
3	WSW	2-3	W	2	W	2	W	1-2	SW	1-3	SW	2-3	WNW	2	W	2	WSW	3	WSW	3	W	3	W	2-3	2·5
4	NW	1	NW	1	WNW	1	W	0-1	W	0-1	W	0	W	1	WSW	1-2	WSW	2	W	3	WSW	3	W	2-3	1·7
5	WSW	2-3	WSW	3	W	2-3	W	2-3	W	2	W	2	WSW	2	W	2-3	WNW	2	WNW	2	NW	2-3	NNW	2	2·7
6	N	2-3	NW	3-4	WNW	3	NW	3	NW	1-2	NNW	2-3	N	1-2	N	2-3	N	2-3	NNW	2	NW	1-2	W	1	2·5
7	S	2-3	S	2-3	S	1-2	S	2	SW	2-3	SW	3-4	SW	3-4	SW	2	SW	3	SW	2	SW	2	SW	2-3	1·9
8	S	3-4	S	4-5	WSW	2-4	SW	3	SW	3	SW	2-3	SW	3-4	SW	2-3	SW	3-4	SW	2-4	SW	2-4	SW	2-4	3·3
9	NNW	0-1	NW	0-2	NW	1-2	Var.	0-1	N	0-1	N	0-1	W	1-2	Calm	0	Var.	0-1	NW	0-1	NW	0-1	NW	0-1	1·0
10	W	2-3	W	2	NNW	1-2	W	1-2	W	3	W	1-2	NNW	2	W	0-1	NW	1-2	Var.	0-2	NW	1-2	NW	2	1·6
11	N	0-1	N	1-3	N	1-3	N	1-3	NNW	2-3	N	2	N	3-4	N	4-5	N	5	NW	2-3	N	1-3	N	1-2	2·4
12	NNW	2-3	NW	2-3	NW	3	NNW	3-4	N	1-2	NNW	1-2	W	1-2	W	1	WSW	0-1	SSW	1	S	1	S	2	2·3
13	S	3	SSE	3	SSE	3	SE	3	SE	3-4	S	3	S	3-4	SSE	3	SSE	3	S	3	S	3	S	3	2·8
14	S	2-3	S	1-2	SE	1	SSE	2	SE	3	SE	3-4	SSE	5	SE	3-4	SE	4	SE	4-5	SE	4	SE	4-5	3·0
15	SSE	8-9	SE	8	SE	7-8	SE	8	SSE	8-9	S	7	SSE	8	SE	7-8	SE	7-8	SE	8-9	SE	7-8	SE	6-7	6·6
16	S	7-8	SSE	7-8	SSE	6-7	SE	6-7	SSE	6-7	SSE	6-7	SSE	4-5	SSE	5	SSE	6	SE	6-7	SE	7	SE	4-7	5·6
17	SE	5-6	S	6	S	5-6	SE	4-5	SE	2-3	SE	2-3	SSE	1-2	S	1-2	S	1	SE	1	SE	3	SE	4	4·6
18	SW	1-2	SW	2	SW	1-2	SW	2	S	0-1	S	0-1	SSW	1-2	SSW	0-1	SW	0-1	SE	1	SE	2	SE	1	2·4
19	SE	3-4	SE	2-3	SE	2-3	SE	3	SE	4	ESE	3-4	ESE	4-5	ESE	4	ESE	5	ESE	4	ESE	4	E	3	2·9
20	E	7-8	SE	5-6	SE	4-5	SE	7	SSE	3-5	S	6	S	3-5	SE	7	SE	7-8	SE	7-8	SE	8	SE	7	6·0
21	SSE	5-6	SE	7-8	SE	5-6	SE	6	SE	5	SE	3-4	SSE	8	SE	7-8	SE	8-9	SE	7	SE	5	SE	6	6·5
22	S	2	SW	0-1	Var.	0-1	SSW	1	SSW	0-1	SSW	0	Calm	0	Calm	0	Calm	0	WSW	0	W	0-1	W	0-1	2·3
23	WSW	0-1	SW	1	WSW	0-1	W	1	W	1-2	WNW	1-2	WSW	0-1	SW	1-2	SW	2	SW	2-3	W	2-4	SW	1-4	1·1
24	NW	2-3	NW	2-4	W	2-3	NW	2-4	NE	1-2	NW	1-2	NNW	2-3	N	1-3	N	1-3	N	1-3	N	1-3	N	2	2·5
25	W	2-3	WSW	2-4	W	3-4	WSW	2-4	SW	3-4	SSW	4-5	SSW	5-6	SW	4-5	SW	5-6	WSW	5-6	W	3-6	NW	4-5	2·9
26	Var.	2-3	W	2-4	Var.	0-3	NW	0-2	N	2-3	N	1-2	Var.	0-1	NW	2-3	NW	1-4	W	1-3	WNW	0-2	NW	1-5	2·3
27	Var.	3	W	0-3	W	0-2	NW	1-3	NW	2-3	NNW	1-2	NW	1-2	NW	0-2	WNW	0-2	NW	0-1	N	0-1	WNW	1	1·9
28	WSW	2	W	1-2	W	1-3	WNW	2	SW	2-3	NW	1-2	W	2	NW	1	WNW	2-5	N	2-4	WNW	2-4	WNW	2-4	1·6
29	WNW	2-4	WNW	2-5	WNW	1-5	WNW	3-4	NW	2-3	N	1-4	Var.	2-3	NW	2-5	WNW	2-5	WNW	1-3	NNW	0-3	NW	1-3	2·8
30	SE	3-4	SE	3	SE	3	SSW	3	SW	1-2	SW	2-3	SW	1-3	WSW	2	SW	1-2	WSW	1	SW	1-2	SW	1-3	2·1
MEAN		3·63		3·07		2·68		2·83		2·62		2·52		2·78		2·70		3·05		2·87		2·87		2·87	2·88

N 57. NNE 1. NE 5. ENE 0. E 12. ESE 18. SE 93. SSE 42 S 77. SSW 21. SW 83. WSW 47. W 110. WNW 47. NW 64. NNW 25. Calm 18.

WIND. DIRECTION AND FORCE (0 to 12). OCTOBER 1890.

	1		2		3		4		5		6		7		8		9		10		11		12		Max.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	SSW	1-3	SW	1-5	W	0-1	WSW	0-1	NNE	1-2	N	2-3	NNE	1-2	NE	2-3	NE	1-2	Var.	0-2	N	1-2	Calm	0	6
2	NE	1-3	NE	2-3	NNE	2-3	N	2-3	N	1-2	N	2-3	N	3-4	N	1-3	NNW	3-4	WNW	3-4	WSW	1-3	SW	2-4	6
3	W	2-5	W	3-6	WNW	4-6	W	3-5	W	3-6	W	3-6	NW	2-5	NW	3-5	NW	3-6	NW	3-5	N	3-4	WNW	3-4	6
4	N	2	NW	2-3	N	1-3	N	1-2	N	2-3	N	3-5	W	2-3	N	1-3	NNW	1-3	N	1-2	Var.	1-3	NW	2-4	5
5	W	1-2	W	2-3	W	2-3	W	1-2	NNW	1-2	WNW	1-2	NW	1-3	NW	2-4	W	1-2	W	1-3	W	1-3	WNW	3-5	6
6	NW	2-4	NW	2-4	NW	2-5	W	2-4	Var.	1-3	N	1-3	N	2-3	Var.	2-4	NNE	1-3	NW	2-4	NNW	1-3	NW	2-3	5
7	NW	0-2	NW	1-2	NNW	0-1	N	0-1	NE	1-2	NE	0-1	N	2-3	N	1-3	N	2-3	N	3-4	N	1-3	NNW	3-4	4
8	N	0-1	Calm	0	ESE	1	ESE	2	SE	1-2	SE	1-3	S	1-3	S	2-3	S	2-3	S	1-3	S	2-4	S	2-4	4
9	SW	2-3	SW	3	SSW	3	SW	3-4	SW	3-4	W	4-5	WSW	3-5	WSW	3-4	W	3-4	W	3-4	WSW	2-4	SW	3-4	5
10	NW	1-3	W	1-3	WNW	1-3	WNW	1-3	WSW	1-2	W	1-3	W	1-3	W	2-4	SW	1-3	W	2-3	NW	2-3	W	3-4	4
11	NW	2-3	W	2	WNW	2-3	W	2	Var.	1-2	NW	1-2	NNW	1-2	NW	1-3	WNW	2-3	WNW	2-3	WSW	3-4	NW	3-4	4
12	W	1-3	W	1-3	W	2-4	W	2-4	SW	2-4	SSW	3-4	SSW	4	SW	3-4	SSW	3	SW	3-4	SW	4	SSW	1-3	4
13	SW	3	SW	3	SW	2-3	SW	3-4	SW	2-3	SSW	4	S	3-4	W	1-3	SSW	3-4	WSW	3	W	3	WSW	3	4
14	WSW	2-4	W	2-5	SW	2-5	SW	2-5	SW	1-3	SSW	2-4	W	2-4	W	1-3	N	1-2	WNW	1-3	WNW	1-2	N	0-1	7
15	WSW	1-4	SW	1	W	0-1	WSW	1	NE	1-3	N	1-2	WNW	1-2	NW	1-3	N	2-4	NW	2-4	N	2-4	N	2-3	5
16	N	3-8	N	4-8	N	2-7	N	2-6	NNE	2-5	N	2-6	NE	2-4	NE	1-3	NE	1-3	NE	4-5	NE	1-4	N	6-8	8
17	N	4-5	N	4-7	N	3-7	NE	3-5	N	2-6	NNE	1-3	NE	1-4	N	2-4	N	2-5	N	2-4	N	1-3	NE	1-4	7
18	SE	0	Calm	0	ESE	0-1	Calm	0	N	2-4	N	1-3	N	1-4	NNE	1-2	N	1-4	NNE	1-3	N	2-3	N	1-3	4
19	N	0-3	N	1-4	N	2-4	N	2-4	N	2-5	N	1-5	NNE	2-5	N	1-4	E	1-2	N	1-4	N	1-3	N	1-3	5
20	NW	2-3	N	4	N	2-7	N	2-6	N	1-3	N	1-4	N	1-3	N	1-4	N	1-3	N	1-4	N	1-2	NNE	1-5	7
21	N	2	N	2-3	N	1-2	N	1-2	N	0-1	N	1-2	N	1-2	N	1-2	N	1-2	N	1-3	N	0-1	N	1-2	3
22	WSW	0-1	WSW	1	WSW	1	NW	0-1	N	0-1	N	1-2	N	2-3	N	2-3	N	1-2	N	1-2	NW	1-2	N	1-2	4
23	NNW	2	NW	1-2	NW	2	NW	2	WNW	2-3	WSW	2-4	W	2-4	SW	3-4	SW	3-4	W	3-4	W	2-3	W	2-3	5
24	N	0-2	NW	1-4	W	3-4	WNW	2-4	NW	1-3	NW	1-2	W	2-3	WSW	2-3	Var.	0-1	WNW	2-4	WNW	1-2	NW	1-2	4
25	N	1-2	N	0-2	Calm	0	Calm	0	N	2-3	ENE	1-2	SE	1-2	SE	1-2	N	1-2	E	0-2	Var.	1-2	N	0-3	4
26	N	2	N	3	N	2	N	1	N	1	Var.	1-2	N	2-3	N	0-3	N	0-2	N	0-3	NNE	0-4	NE	0-4	5
27	N	2-4	NE	2-4	N	2-4	N	3-5	N	3-5	N	1-4	NE	1-4	N	0-3	N	2-3	NE	0-4	NNE	1-3	N	1-3	5
28	N	3-4	N	3-4	N	3	N	3	N	2-3	N	1-3	N	2-3	NW	1-3	W	2-3	WSW	2-3	WSW	2-4	SW	2-3	5
29	N	1-5	WNW	1-6	NW	2-6	WNW	1-5	N	2-6	N	2-5	NW	2-4	NW	2-6	NW	2-3	Var.	2-3	N	3-4	Var.	1-2	6
30	NE	2-4	N	4	N	2-5	N	2-4	N	1-2	NNW	0-1	N	0	NW	1-2	NW	0-1	NNW	0-1	NW	0-1	NNW	1-2	6
31	SW	4	SW	4	SSW	4	SW	4	SW	4	SSW	2-3	SW	1-2	SW	1-2	WSW	1-2	WNW	1-2	N	1-2	N	0-2	5
MEAN		2·31		2·69		2·56		2·39		2·37		2·39		2·45		2·39		2·24		2·47		2·23		2·47	

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Force.
1	NNE	5-6	NNE	3-6	N	3-5	N	2-4	N	2-5	N	2-5	N	1-4	N	2-5	NE	3-4	N	1-3	N	1-3	NE	1-3	2·4
2	WSW	1	WSW	1-3	SW	4	SW	3-4	SW	4-6	WSW	4-6	W	3-6	W	3-5	WSW	3-5	W	3-5	W	3-6	WSW	3-6	3·2
3	W	2-4	WNW	3-5	W	3-5	W	2-3	NW	1-2	NW	1-3	WNW	1-2	NW	1-2	WNW	1-3	NW	1-3	NW	2-3	WNW	2	3·2
4	N	1-3	W	2-3	W	3	W	2	NW	1-2	NW	1-3	NNW	1-2	W	2	WSW	3	W	3	W	2-3	WNW	1-2	2·3
5	NW	2-3	WNW	3	WSW	3-4	WSW	4-6	W	3-5	NW	1-3	NW	2-4	NW	3-4	NW	1-2	NW	1	WNW	1-3	W	1-3	2·4
6	NW	1-2	NW	2-4	WNW	2-4	WSW	2-4	NNE	2-4	Var.	1-3	NW	2-3	WNW	2-3	WNW	2-4	NW	2-4	N	0-2	NNW	0-2	2·4
7	NE	1-3	ENE	2-4	N	2-4	N	1-2	NE	1-2	Calm	0	NE	1·2	N	1-3	NNE	1-2	S	0-1	N	3	N	0-1	1·8
8	S	2-3	SSE	2	SSE	3	S	3	S	2-4	SSW	2-3	SSW	3-4	SW	4	SSW	4	SSW	4	SW	4	SW	4	2·6
9	NW	2-3	W	4	W	4	W	4	NW	1-2	W	2-3	NW	2-3	WNW	2	NW	3-4	W	1-3	W	3	W	2-4	3·1
10	W	2-4	W	3	W	2-3	W	1-2	SSW	3-4	SSW	3-4	WNW	4	NW	3-4	WNW	2-3	NW	2-3	W	2-3	WNW	2-3	2·6
11	NNW	1-2	W	3	WNW	3	WNW	2	NW	1-3	NW	2-3	W	1-2	WNW	2-3	W	2-3	NW	2	NW	1-2	NNW	1-2	2·2
12	SSW	2-4	SSW	3-4	SW	4	SW	3-4	SW	4	SW	3-4	SW	3-4	SW	3-4	SW	4	SW	3	SSW	3-4	WSW	3-4	3·3
13	WSW	2-3	W	2	W	2	WSW	1	SW	1-2	SSW	1-2	SW	1-3	SW	3-4	SSW	4	WSW	3-4	SW	2-4	SW	2-4	2·8
14	NW	1-2	WNW	3	W	2-4	W	3-4	W	3-6	SW	3-5	SW	4-6	SW	2-6	SW	2-6	SW	3-7	W	2-7	W	1-5	3·1
15	NNE	1-4	N	1-3	NNW	1	NNW	1-3	WNW	1-5	WNW	1-3	NE	2-4	N	1-4	N	2-5	N	2-5	N	2-4	N	2-5	2·3
16	NE	4-7	NE	2-5	N	2-5	ENE	0-1	SE	1-3	N	2-4	N	1-4	NNE	1-4	NE	2-5	N	2-5	N	2-5	N	3-5	3·6
17	ENE	2-4	NNE	2-4	N	2-4	NE	2-4	N	1-3	N	1-6	SW	0-1	Var.	0-2	SE	0-1	SE	0-2	SSE	0-1	SE	0-1	2·6
18	N	1-2	N	2-3	N	1-3	N	1-2	N	1-4	N	1-3	ENE	1-2	N	1	N	4	N	4	N	4	N	2-3	2·0
19	N	2-4	N	4	N	3-4	NNE	2-3	S	1-2	SE	0-1	N	1-3	N	2	N	3-4	N	3	N	3	NW	3	2·6
20	NNW	2-4	N	3-6	N	2-4	N	2-4	N	1-4	N	1-2	N	1-2	N	2-3	N	2-4	N	3	N	2	N	2	2·7
21	N	1-2	N	1-2	N	1	N	2	N	0-1	N	0-1	N	0-1	Calm	0	N	0-1	W	0-1	W	0-1	W	0-1	1·1
22	NW	1-2	N	4	N	1-2	N	2-3	N	2-3	WNW	1-2	NW	1-2	NW	2	NW	2-3	NNW	1	WNW	1	WNW	1-2	1·6
23	W	3-5	NW	3-4	NW	2-3	WNW	1-3	W	1-3	SW	2-3	W	2-3	W	2-4	WSW	1-4	WSW	1-4	W	1-4	WSW	3	2·7
24	NW	0-1	NNE	3	N	3	N	2	N	2-4	S	1-2	ESE	1-2	N	1-3	NNW	2	NNW	1-2	NNW	1-3	N	1-2	2·0
25	N	1-3	N	0	N	0-1	N	0	Calm	0	SW	0-1	N	0	NE	0-1	N	1	N	1-4	N	3	N	3	1·2
26	S	1-2	SE	1-4	N	2-3	NE	2	N	1-4	NE	1-5	SE	1-2	NE	1-2	NE	1-2	ENE	1	N	4	N	2-4	2·0
27	N	0-3	N	0-4	NNE	1-3	NE	2-4	NE	2-3	N	1-3	N	1-3	NE	1-2	N	3-4	ENE	1-3	NNE	3-4	NE	2-3	2·5
28	SW	2-4	WSW	3-5	NNW	3	NW	1-3	N	2-3	Var.	0-3	N	1-5	NW	2-4	NW	2-5	NW	1-3	NNW	2-4	NNW	1-4	2·7
29	SE	1-2	WNW	0-2	N	1-4	NW	2-5	NE	2-3	NE	1-2	NE	1-3	NE	1-3	NNE	1-4	N	5	NE	2-5	NNE	2-5	2·8
30	W	1-2	W	3	S	4	S	3	S	3-4	S	2-5	SSE	5-6	S	3	S	4	S	4-5	S	4-5	SSW	4-5	2·7
31	N	1-3	N	2-3	Var.	0-1	ESE	1	N	2-4	NE	1-3	NE	0-3	NE	0-2	NE	0-1	NNE	1-2	N	0-4	N	2-5	2·2
MEAN		2·35		2·87		2·74		2·40		2·52		2·23		2·31		2·32		2·74		2·56		2·74		2·52	2·47

N 233. NNE 26. NE 48. ENE 7. E 2. ESE 5. SE 13. SSE 4. S 22. SSW 23. SW 58. WSW 37. W 90. WNW 45. NW 83. NNW 25. Calm 23.

WIND. DIRECTION AND FORCE (0 to 12). NOVEMBER 1890.

	1		2		3		4		5		6		7		8		9		10		11		12		Max.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	N	4	N	4	N	3	N	3-4	N	2-3	N	1-3	NNE	1-2	N	2-3	N	1-2	WNW	0-1	WNW	1-2	W	2-3	8
2	SSW	7-8	SSW	3-7	W	2-5	W	1-4	W	1-3	W	0-2	NW	2-3	NNW	1-2	N	1-2	NNW	1-3	N	1-2	N	1-2	8
3	N	1-3	N	2-4	ENE	2-3	N	1-2	N	0-1	N	1-2	NE	1	N	1-2	W	0-1	SSW	1	S	3	S	3	4
4	W	1-2	W	2	WNW	1-2	SW	2	W	1-2	W	2	W	2	N	0-1	NW	1	N	1	N	1	N	1	5
5	N	1-2	N	1-2	NNE	1-3	NE	1-3	N	2-4	N	1-3	N	1-3	Calm	0	Var.	1-2	N	2-5	NE	0-1	WNW	0	4
6	SSE	2-3	S	2-3	S	3	S	3	S	3-4	S	4	SSE	5	SSE	5	SSE	6	SE	6-7	SSE	6	SE	6-7	10
7	NW	0-1	NW	2	N	2-3	N	2-4	NNW	6-7	N	5-7	NE	4-6	N	6-9	N	7-8	NE	6-8	Var.	4-7	ENE	2-6	9
8	SSW	4	SSW	4	S	4-6	S	4-7	S	4-5	S	5	SW	4	SW	3-4	SW	4	SW	4-5	SSW	4-5	SSW	3	7
9	Calm	0	NW	1-2	NNW	0-1	NNW	1-2	N	2	N	2	N	3	N	3	N	1-2	S	0-1	Var.	0-1	S	1-2	6
10	E	5	E	6	E	6-7	E	4-6	E	5-6	E	6	ESE	5-6	ESE	5-6	E	6	ESE	6-7	ESE	7-8	ESE	7-8	10
11	ESE	11	ESE	10-11	ESE	8-10	ESE	11	ESE	10-11	ESE	7-8	ESE	9-11	E	10-11	ESE	8-10	E	8-10	E	8-10	E	9-10	11
12	ESE	4	ESE	4-5	ESE	4	SE	4-5	E	4-5	ESE	4-5	ESE	5-6	ESE	6-7	SE	6	ESE	6-8	SE	7-8	SE	6-7	10
13	W	2-5	W	2-5	SW	2-5	W	2-4	W	2-4	SSW	3-4	SSW	2-4	SW	3-4	SW	3-4	WSW	2-4	SSW	2-4	SW	3	5
14	SSW	2-3	SW	3	SSW	2-3	S	3	SSE	4	SSE	3-4	SE	3-4	SE	4-5	SE	6	SE	7	ESE	8-9	ESE	8-9	11
15	N	1-4	NE	1-3	N	2-4	NE	1-3	N	0-1	N	0-2	NNW	1	WNW	1	WNW	1-2	WNW	2	N	1	W	3	4
16	SSE	2-3	SSE	2-3	S	4	SE	4	SE	4-5	ESE	4	SE	5	SE	7	SE	5-6	SE	4	SSW	4-5	SW	5	7
17	W	1-2	W	2-3	W	3	W	2	W	2	W	2	SSW	3	S	3	SSW	3	S	2	S	3	SSE	3	5
18	SW	1-3	NW	1-2	N	2-3	NW	1-2	WNW	2-3	W	3	WNW	2	W	4	W	4	W	4	W	3	W	2	6
19	S	4	SSW	4	SSW	5-6	SW	5-7	SW	4-6	WSW	3-4	W	4	W	3-4	W	3-4	W	2-3	WSW	3-4	W	3-4	7
20	WNW	1-3	NW	2-3	WNW	2-3	WNW	1-3	N	0-3	W	2-3	N	1-3	NW	1-2	W	4	W	4	NW	3-4	WSW	3-4	4
21	NW	2-4	WNW	2-3	W	2-3	W	3-4	WSW	0-2	WSW	1-3	W	1	NW	0-1	N	1-2	N	3	N	0-3	N	2-3	4
22	N	2-3	NNE	2-4	NE	2-3	NNE	2-3	NE	1-3	NE	0-3	NE	2-3	N	2-3	N	2-4	WNW	3	W	3-4	NW	3	6
23	NE	2-4	NE	2-4	E	1-4	E	2-3	NNE	1-3	N	0-3	N	2-3	NE	1-3	NE	0-2	NNW	2-4	N	1-2	NNW	1-2	4
24	N	3	N	1-3	N	1-3	N	1-2	Var.	1-3	ENE	0	E	1-2	NE	2	N	2-4	N	2-5	N	3-5	N	1-4	5
25	Var.	1-2	Var.	1-2	N	2-4	N	2-3	NNW	1-3	N	2-4	NE	0-2	NE	2-4	ENE	3-5	NE	2-4	E	4-5	E	3-4	5
26	N	1-2	N	0-2	N	0-1	NNE	0-2	NNE	0-1	Calm	0	Calm	0	ESE	1	ESE	1	ESE	1	ESE	1	ESE	2	3
27	E	2	E	2	NE	2	NE	2	NE	1	NNE	2	ENE	2	E	1-2	NE	1-2	ENE	2	ENE	1	ENE	1	2
28	N	0-1	N	1-2	NNE	1	NE	1	NNW	1	NNW	1	NW	1	Calm	0	S	0	S	0-1	S	0-1	S	0	3
29	WNW	2	WNW	1-2	W	1-2	WNW	1-2	WSW	1-2	SSW	1-2	SW	2	WSW	2	SW	3	SSW	3	S	3	S	3	6
30	SW	4-6	SW	5-6	SW	5-6	SW	5-7	WSW	4-6	SW	4-6	S	4-6	SSW	4-5	WSW	2-5	SW	2-4	SSW	3-4	SSW	4-6	7
MEAN		2·93		3·05		3·08		3·07		2·92		2·80		2·97		3·15		3·28		3·42		3·40		3·40	

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Force
1	SW	1-3	WNW	1-3	S	4	SSW	4	SSW	3	SSE	4	SSE	4	S	4-5	S	5	S	6	S	6-7	S	7-8	3·4
2	W	1-2	NNW	1-3	W	2-4	NNW	2-3	N	4-5	N	4-6	N	3-5	N	4-5	N	4-5	N	2-4	N	2-4	N	3-5	3·1
3	SSE	3	SSE	3	SSE	3-4	SSE	4	SSE	3-4	S	3-4	S	1-2	NW	2	NW	1-3	WNW	1	NW	2-3	WSW	2-3	2·2
4	N	1	NNW	1	Var.	0-1	N	2	SW	0-1	N	3	N	3-5	N	3-4	N	2-4	N	1-3	NE	1-2	NE	1-2	1·7
5	N	0-2	N	3-4	NE	1-2	N	1-2	NE	0-1	Calm	0	SSE	0-1	SSE	1	SSE	2	S	2-3	SSE	2-3	S	2-3	1·6
6	SE	7	SSE	7	SSE	6-8	SE	7-9	SE	9-10	ESE	7-10	SE	8-10	SE	8-9	ESE	8-9	E	5-7	E	5-6	ESE	4	5·9
7	Var.	2-4	N	3-4	N	2-4	N	1-2	N	3	NNW	3	WNW	2	WNW	2	SW	2	SSW	2	SSW	2-3	SSW	3-4	3·7
8	SW	2	S	3	SW	2-3	SW	2	SW	3	WSW	1	SW	1	W	1-2	WSW	1-2	W	2	SW	2	W	1	3·1
9	N	2-4	NE	2-5	N	3-4	N	4	N	5-6	N	5	N	3-4	N	3-4	N	1-3	NE	1-2	NE	1-3	NE	2-3	2·4
10	E	7-8	E	6-7	ESE	7-10	ESE	9-10	ESE	7-8	ESE	7-9	ESE	6-7	ESE	6-7	ESE	8-9	SE	8	ESE	9	ESE	8-10	7·0
11	ESE	10-11	ESE	10-11	SE	7-8	SE	4-5	SE	4	SE	3	SE	3-4	SE	2-3	SE	3-4	ESE	4-5	SE	4-5	SE	4	7·5
12	SE	4-6	SE	5	SE	5	SE	7	SE	8-10	SE	9-10	SE	9-10	SE	6-8	W	1-3	W	2-3	SW	2-4	SW	3-4	5·5
13	SW	3-4	SW	3-4	SW	2-4	SW	3-4	SW	2-4	SW	3	SW	3	SSW	2	SW	2-3	SW	2	SW	2-3	SW	2-3	3·0
14	ESE	9-11	ESE	9-10	ESE	6	ESE	6	ESE	6	SE	4-5	WSW	0	N	3-4	N	2-4	N	2-5	N	2-3	N	3-4	4·8
15	NW	1-2	W	1-2	N	1-2	N	1-2	N	0-1	N	0-1	WNW	1-2	W	1	SW	2	SSW	2-3	S	2-3	S	2	1·6
16	SSW	3-4	SSW	4	SW	1-3	W	3-4	W	2-3	NW	3-4	N	2	N	1-2	N	1	N	1-2	NW	1	Calm	0	3·3
17	S	3	S	3	SSE	4-5	SE	4-5	SSE	5	SSE	4	S	4	S	5	SW	4	WSW	3-4	SW	4	SW	4	3·3
18	W	2	WSW	1-2	SSW	2	SSW	2-3	SW	4	SSW	4	SSW	5	SSW	4	SSW	5-6	SSW	5-6	SSW	4-5	S	3-5	3·2
19	WNW	3-5	WSW	2-4	NW	1-2	N	1-2	NW	0-1	NNW	0-2	NNW	1-3	NW	1-2	NW	1-2	NW	1-2	NW	1-2	N	2-4	3·0
20	WSW	2-4	SW	3	WSW	2-3	W	3	W	3-4	W	2-4	W	1-3	NW	3-4	W	3-4	WSW	3-4	NW	3	NW	2-4	2·8
21	Var.	0-1	N	0-1	N	2-4	N	1-3	WNW	1-2	NW	2	NW	0-2	WNW	2-3	W	1-2	Var.	2-3	WNW	2-3	NW	1-3	1·9
22	WNW	2-5	N	2-4	NW	2-3	NE	2-4	NE	1-4	N	1-5	N	2-4	NNE	2-4	NE	2-5	E	2-5	ENE	1-4	ENE	3-6	2·9
23	NNW	2	N	1	N	1-2	N	2	N	0-1	N	0-1	N	0-1	N	1	Calm	0	NE	1-2	NNE	2	N	1-3	1·7
24	N	2-5	NNE	2-3	N	1-3	N	2-3	N	1-2	N	1-3	N	1-3	NE	1-3	N	1-3	N	1-2	Var.	1-3	N	1-2	2·2
25	N	1-2	NE	2-3	N	2-3	NE	1-2	N	2	N	2	N	2	N	1	NNE	1-2	NNE	1-2	N	1-2	N	1-2	2·2
26	ESE	1	SE	1	SE	0-1	SE	1	SE	0	E	1	E	1	ESE	1-2	E	2	E	0-2	E	2-3	E	2	1·0
27	NNE	0-1	N	1	NNE	1	NE	1	NE	1	NE	1	NNE	0-1	NNE	1	NE	1-2	NNE	1-2	NNE	1	NNE	1	1·3
28	W	0-1	WNW	1	NW	1-2	NW	1-2	NW	3	NW	1-2	WNW	2-3	NW	2-3	NW	2-3	NW	3	NW	2	WNW	2	1·3
29	S	3	SSW	3-4	SSW	4	S	3-4	SSW	4	SSW	4	S	4	S	4	SW	4-5	SW	3-5	SW	4-6	SW	4-6	3·1
30	SSW	3-4	WSW	3-4	SSW	3	SW	3-4	S	4	WSW	2-3	WSW	3-4	SW	3-4	SW	3	SW	3	WSW	2-4	SW	3	4·0
MEAN		3·22		3·30		3·13		3·27		3·28		3·23		2·95		3·03		2·98		2·92		3·00		3·07	3·12

N 148. NNE 21. NE 43. ENE 10. E 31. ESE 50. SE 45. SSE 26. S 49. SSW 45. SW 60. WSW 24. W 60. WNW 30. NW 41. NNW 18. Calm 19.

WIND. DIRECTION AND FORCE (0 to 12). DECEMBER 1890.

	1		2		3		4		5		6		7		8		9		10		11		12		Max.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	SW	2-3	SW	3	SW	3-4	WSW	2-3	W	3-4	W	2-4	WSW	3-5	W	3-5	SW	5	SSW	3-5	W	3-5	WSW	3-5	5
2	WSW	2	WSW	1-2	WSW	2	W	1-2	WSW	1-2	WNW	1	N	0	N	0	N	0	NNW	0-1	N	0	N	0-1	5
3	N	4-7	NNE	3-7	NNE	3-7	NE	3-7	N	3-7	N	3-7	N	4-7	N	4-8	N	4-7	N	4-7	N	3-7	N	3-8	8
4	NNE	3-7	NNE	3-5	N	2-6	NNE	2-4	N	0-2	NNE	1-3	NNE	1-3	N	2-3	N	1-2	NNE	1-3	N	0-3	N	1-3	7
5	ESE	4-5	ESE	4	ESE	3-4	ESE	4-5	E	3-4	E	5	E	4-5	E	5	E	5-6	ESE	6	E	5-6	ESE	5-6	6
6	E	2	E	2	E	2-3	NE	1	NE	1	NE	1-2	N	1	E	0-1	ESE	3	ESE	3	ESE	4	E	4	4
7	SE	4	SSE	3	SE	3	SE	3	SE	3	SE	3	ESE	3	ESE	4	ESE	4	SE	4	E	3	ESE	3	5
8	SE	3	SE	3-4	SE	4	SE	4	ESE	3-4	SE	3-4	SE	3-4	ESE	2-3	SE	3-4	SE	4	SE	4	SE	2-3	7
9	SE	4	SE	5	SE	4-5	ESE	4	ESE	4-5	ESE	5-6	E	4-6	E	3-5	ESE	3-6	ESE	3-5	ESE	3-4	SE	3-4	6
10	S	4	SSE	3-4	SSE	3-4	SSE	3-4	SSE	3-4	SSE	3-4	SSE	4	S	2-4	S	3-4	S	4	S	3-4	S	2-3	5
11	SSE	3-4	S	3-4	S	3	S	4	S	2-3	S	2-4	S	1-3	S	1-4	SSE	3-5	S	2-4	S	2-4	S	3-4	5
12	SSW	2-3	SSW	2	S	2-3	S	2-3	S	3-4	S	2-3	S	2-3	S	2-3	S	2-4	S	2-3	SW	2-3	SSW	1-3	4
13	SW	2	SW	1-2	SW	1-2	SSW	2	S	2-3	S	3	SSE	3-4	SE	3-5	SSE	4	SE	3-5	SSE	2-4	SSE	4	5
14	S	4	SSW	3-4	SW	3-4	SSW	4	SW	2-3	SW	2-4	WSW	3-4	SW	2-3	SW	3-4	SW	3-4	SSW	2-4	SW	2-4	4
15	N	2-4	N	1-4	N	1-3	NE	1-3	NE	1-3	NNE	1-2	N	0-3	N	1-5	N	1-4	NNE	2-5	N	3-7	NNE	3-6	7
16	ESE	4-5	ESE	3-5	SE	5	ESE	4-5	SE	4-5	ESE	5	ESE	5-6	ESE	4-5	ESE	4	ESE	4-5	SE	3-4	SSE	3-4	6
17	SE	4	SE	3	SE	3	SE	4	SE	4	SE	3	SE	4	SE	3-4	SE	2-4	SE	2-4	SE	3-4	SE	4	6
18	SE	5-7	SE	6	SE	7	SE	6	SE	6-7	SE	7	SE	6-7	SE	5-6	SE	6-7	SE	7-8	SE	7-8	SE	6-7	8
19	ESE	6	SE	6	SE	6	SE	5	SE	4-5	SE	3-4	SE	3-4	SE	3	SE	2-3	SE	3	SE	3	SSE	3	6
20	WNW	1-2	W	1	WNW	1	NW	0-1	NW	1-2	NNW	1-2	NW	1-3	NW	1-2	NNW	1-2	NW	1-2	WNW	0-2	WNW	1-2	3
21	W	0	Calm	0	Calm	0	SSW	0-1	SW	0-1	SW	0-1	SW	1-2	SSW	1-2	SW	1-2	SW	1-2	SW	0-2	SSW	1-2	3
22	SW	3-4	SSW	4	SSW	4-5	SSW	4	S	3-4	S	4	SSE	4-5	SSE	4-5	S	4-5	S	4-6	S	4-5	S	4-5	6
23	SSE	3-5	S	3-4	S	2-4	SSW	2-4	SSW	3-4	SSW	2-4	W	2-3	NW	1-4	N	1-3	N	0-1	NE	1-3	NE	1-3	5
24	N	1-2	NNE	0-2	NNE	2-3	N	1-2	NNE	1-2	N	1-2	N	2	N	1-2	N	1-2	N	0-2	N	0	Calm	0	3
25	SW	2-3	SW	3-4	SW	3-4	SW	4	WSW	3-4	SW	1-3	SW	2-3	SW	1-2	SW	2	SW	1-2	NNE	1-3	N	1-3	4
26	NNE	2-4	NNE	2-4	N	1-4	NNE	2-4	NNE	1-3	NNE	2-4	NNE	1-3	N	2-4	NNE	2-4	ENE	2-4	NNE	1-4	NNE	1-3	5
27	ESE	5	ESE	4	ESE	5	ESE	5	ESE	4-5	E	5	ESE	5	ESE	4-5	ESE	4	SE	5-6	ESE	3-5	ESE	3-5	6
28	ESE	4	ESE	4	ESE	5-6	ESE	5-6	ESE	5	E	4-5	ESE	4	ESE	4-5	ESE	3-4	ESE	2-4	ESE	2-3	ESE	2-4	6
29	Calm	0	SE	1	SE	1	SE	0-1	Calm	0	NE	0-1	NE	0-1	NNE	0-1	SE	0-1	E	1-2	ENE	0-1	E	0-1	6
30	E	4-5	SE	5-6	ESE	5-6	ESE	4-6	ESE	2-5	ESE	4-6	ESE	4-7	ESE	3-6	ESE	5-6	ESE	2-4	ESE	0-2	E	0-2	7
31	E	3-5	ESE	3-6	ESE	4-6	ESE	3-5	E	4-6	ESE	6-8	ESE	6-10	ESE	8-10	ESE	9-11	ESE	8-11	ESE	7-10	SE	7-11	11
MEAN		3·40		3·27		3·48		3·31		3·11		3·29		3·39		3·27		3·50		3·48		3·15		3·16	

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Force.
1	SW	2-5	WSW	2-3	WSW	2-3	WSW	2-3	WSW	2-4	SSW	2-4	SW	2-4	SSW	2	SW	2	SW	1-3	SW	2	SW	2-3	3·1
2	N	0-1	N	1	N	1	N	1-2	N	2-3	N	2-4	N	0-2	NNE	3	Var.	0-1	Var.	1	NNE	2-5	N	2-4	1·3
3	N	3-7	NNE	3-6	NNE	3-6	NNE	4-7	N	4-7	NNE	5-7	N	2-5	N	3-7	N	3-7	N	2-5	NNE	3-6	NNE	3-5	5·0
4	N	2-4	N	2-4	N	2-4	NNE	3-5	NNE	2-4	E	3	E	3	E	3-4	E	4	ESE	4-5	ESE	3-4	ESE	3-4	3·0
5	E	4-5	SE	3	SE	3	ESE	3	ESE	3	ESE	3	ESE	3	SE	3-4	SE	3	SE	2-3	ESE	3	E	1	3·9
6	ESE	3	SE	4	SE	2-3	SE	3-4	ESE	4	E	1-2	E	3	SE	3-4	ESE	4	ESE	3-4	ESE	4	SE	4	2·8
7	SE	3	SE	3	SE	4	ESE	3	SE	4-5	SE	3	SE	3-4	ESE	4-5	SE	4	SE	3-4	ESE	4	SE	3-4	3·5
8	ESE	4	SE	4	SE	4	SE	4-5	SE	5-6	SE	6-7	SE	5 6	ESE	5-6	SE	4-5	ESE	5	SE	4	ESE	4	4·1
9	SE	3-4	SE	2-3	SE	3	SE	3	S	2-3	S	2-3	S	3-4	S	3	S	4	SSE	4	SSE	4	SSE	3	3·8
10	SSE	2-3	SSE	4	SSE	4	SSE	3-4	SSE	4-5	SSE	4-5	SSE	3-5	S	3-4	S	2-3	SSE	3-4	S	3-4	S	3	3·5
11	S	2-3	SSW	2	SSE	2-3	S	3	S	1-3	S	1-3	S	2-4	S	2-3	S	3	S	3	S	3	S	3	2·9
12	SW	1-2	SW	2	SW	1	SW	1-2	SW	2-3	SW	1-2	WSW	1-2	SW	1-2	WSW	1-2	WSW	1-2	SW	2	SW	2	2·1
13	S	3	S	2-3	S	2	S	2-3	S	3-4	SSW	2-3	SW	3-4	SSE	3	S	2-3	S	3	S	3	S	3	2·8
14	SW	1-3	SW	2-3	SW	2	SW	2-3	NW	1-3	N	1-3	N	0-1	N	2-3	N	1-3	N	2-4	N	2-4	N	3-4	2·9
15	NNE	2-7	N	3-6	NNE	1-5	ENE	2-4	SE	1-3	ESE	2-5	ESE	2-6	ESE	5-6	ESE	5-6	SE	3-5	ESE	4-5	ESE	5	3·4
16	SE	3-5	SE	4	SE	4-5	SE	4	SE	4-5	ESE	4-5	SE	4	SE	5	ESE	4	SE	4	SE	3	SE	4	4·3
17	SE	3-5	SE	4	SE	3-4	SE	4	SE	4	SE	5-6	SE	5	SE	5	SE	5-6	SE	5	SE	4	SE	5-6	4·0
18	SE	6-7	SE	4	SE	4-5	SE	4-5	SE	4-5	SE	5-6	SE	6-7	SE	5-6	SE	7	SE	5-7	SE	7	SE	7-8	6·1
19	SSE	2-4	SSE	2-3	SW	0-1	SW	1	W	1-2	W	1-2	W	1	WNW	1	WNW	1	WSW	1	W	1-2	W	1	2·7
20	WNW	0-1	NW	1-2	NNW	1	N	0	NW	0-1	N	0	Calm	0	Calm	0	Calm	0	S	0	SSE	0-1	WSW	1-2	0·9
21	SW	1-2	SSW	1-2	SSW	1-2	SSW	2-3	WSW	2	SSW	2-3	S	2-3	SW	2	SW	2-3	SW	2-3	SW	3	SSW	3	1·5
22	SSE	5-6	SSW	5	SSW	4	S	4-5	SSW	3-4	S	4-5	S	4-5	SSE	4-5	S	4	SW	3-4	S	3-4	SSE	4-5	4·3
23	NE	0-3	NNE	2-3	NE	1-3	NNE	2	NNE	1-2	NNE	1-3	NNE	0-2	NNE	2	NNE	2-3	N	0-1	NE	0-2	N	0-2	2·1
24	SSW	1	S	1	SSW	1	SSW	1	SW	1	SW	1-2	SW	1-2	SW	1-2	SW	2	SSW	2	SSW	3	SSW	2-3	1·4
25	ENE	1-3	NE	1-3	NNE	2-3	NE	1-4	Var.	1-2	NE	1-2	N	1-2	Calm	0	NE	1-3	NNE	2-3	NE	2-3	NE	1-4	2·2
26	NNE	1-4	NE	2-5	NE	2-3	ENE	1-3	NNE	1-4	ENE	1-3	E	1-3	ESE	4	ESE	5	ESE	5	ESE	4-5	ESE	4-5	3·0
27	ESE	3-5	SE	4	SE	4	ESE	4	SE	4	ESE	4-5	ESE	4-5	SE	4	SE	3-4	SE	3	SE	4	ESE	4	4·3
28	E	2-3	SE	4	SE	3-4	ESE	4	E	4	ESE	2-4	ESE	2-4	E	2-3	SE	2-3	ESE	2	E	0-1	ENE	0-1	3·4
29	NE	1	Var.	0-1	Calm	0	E	2	NE	1-2	ENE	2	E	1-4	ESE	3	ESE	3-4	ESE	5	E	6	ESE	5-6	1·6
30	ESE	4-5	ESE	1-4	ENE	2-4	ESE	3-4	ESE	0-3	E	0-4	ENE	1-3	E	2-3	E	4-5	E	2-4	E	1-4	ESE	3-5	3·5
31	ESE	8-10	SE	6-8	ESE	5-8	ESE	5-7	SE	4-7	ESE	6-8	ESE	4-7	ESE	4-6	ESE	4-6	SE	5-6	ESE	6-8	ESE	4-6	6·6
MEAN		3·19		3·05		2·79		3·03		3·02		3·13		2·98		3·21		3·31		3·16		3·39		3·37	3·23

N 70. NNE 48. NE 24. ENE 10. E 43. ESE 129. SE 146. SSE 37. S 71. SSW 35. SW 64. WSW 19. W 13. WNW 8. NW 9. NNW 4. Calm 14.

CLOUD. AMOUNT OF CLOUD (0–10). JANUARY 1890.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
1	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	≡	≡	10
2	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8	0	0	0	0	0	0	0	0	7
3	0	0	0	4	7	8	3	6	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8
4	≡	≡	≡	≡	≡	≡	≡	10	10	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	6	9	≡	≡	10
5	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	10	≡	≡	10	10	≡	≡	≡	≡	≡	≡	10
6	≡	≡	≡	≡	≡	≡	≡	≡	≡	7	7	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
7	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
8	≡	≡	≡	≡	≡	≡	≡	10	8	≡	≡	≡	≡	≡	≡	9	≡	≡	≡	≡	≡	≡	≡	≡	10
9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	1	0	0	0	≡	≡	10	0	≡	8
11	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
12	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	2	2	≡	≡	≡	≡	≡	9
13	≡	≡	≡	≡	≡	≡	≡	≡	6	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
14	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
15	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
16	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
17	≡	≡	≡	≡	≡	≡	10	10	10	10	10	10	10	10	10	10	10	10	≡	≡	≡	0	≡	10	10
18	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	10
19	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
20	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
21	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
22	10	10	10	10	10	10	10	≡	10	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
23	0	0	0	0	0	0	0	1	0	0	0	0	8	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	5
24	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
25	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
26	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
27	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	1	2	1	0	4	6	5	≡	8
28	≡	≡	≡	≡	≡	≡	≡	≡	5	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	8	≡	≡	≡	≡	10
29	9	0	0	0	0	2	3	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8
30	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
31	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	5	≡	0	≡	≡	≡	≡	8	≡	9
MEAN.	9·3	9·0	9·0	9·2	9·3	9·4	9·2	9·6	9·3	9·6	9·6	9·7	9·9	10·0	10·0	9·5	9·1	8·5	8·8	9·3	9·4	9·2	9·1	9·7	9·4

CLOUD. FEBRUARY 1890.

1	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
2	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
3	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
4	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	9	≡	10	3	≡	≡	≡	≡	9	≡	10
5	≡	≡	≡	≡	≡	10	10	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
6	4	4	0	0	0	0	0	6	0	0	2	0	5	≡	8	0	0	0	0	0	0	0	0	0	2
7	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
8	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
9	0	2	3	3	2	0	2	2	4	2	1	1	0	0	0	0	≡	0	0	≡	≡	≡	0	0	3
10	0	0	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	≡	≡	≡	0	0	0	0	0	0	0	≡	0	5
11	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	5	4	≡	≡	≡	≡	≡	0	0	2
12	0	0	0	0	0	0	0	4	5	4	5	3	5	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	6
13	≡	≡	≡	8	≡	≡	≡	≡	≡	≡	8	≡	≡	≡	8	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
14	≡	≡	0	0	≡	8	7	≡	≡	≡	≡	≡	≡	10	6	≡	2	≡	≡	≡	≡	0	≡	0	8
15	0	1	0	0	0	0	3	2	3	4	6	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	6
16	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	0	≡	≡	≡	9
17	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
18	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
19	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	7	≡	7	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
20	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
21	≡	≡	≡	≡	≡	8	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	≡	≡	9
22	≡	≡	≡	0	≡	≡	≡	≡	≡	8	10	9	6	6	4	8	2	≡	≡	≡	≡	≡	≡	≡	8
23	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	8	≡	≡	≡	≡	≡	≡	≡	≡	0	0	0	9
24	0	0	0	0	0	0	3	5	1	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1
25	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
26	0	0	0	0	0	0	≡	5	≡	≡	≡	≡	≡	≡	≡	≡	10	10	≡	10	≡	≡	≡	≡	7
27	≡	≡	≡	≡	≡	9	≡	≡	≡	9	9	≡	8	10	10	10	5	≡	9	10	10	≡	≡	10	9
28	9	8	10	10	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
MEAN.	6·2	6·2	6·2	5·8	6·5	6·2	7·0	7·3	7·2	7·1	7·1	7·0	7·1	7·7	7·3	7·2	6·9	7·2	7·5	7·5	7·5	6·8	7·1	6·4	6·9

CLOUD. AMOUNT OF CLOUD (0–10). MARCH 1890.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
1	=	0	0	3	=	=	8	0	3	=	2	0	0	0	0	1	10	9	0	1	1	0	0	5	3
2	0	0	6	4	1	0	1	1	1	3	1	0	2	1	1	4	5	3	4	5	5	8	8	4	3
3	3	3	3	1	1	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	8
4	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10	10
5	10	10	10	10	=	10	10	10	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
6	=	=	=	=	=	=	=	10	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
7	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
8	=	=	=	=	=	=	=	=	10	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
9	4	10	10	10	10	=	8	=	=	=	2	4	=	5	10	=	=	=	=	=	=	=	=	=	9
10	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
11	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
12	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
13	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
14	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10	8	8	7	10	=	=	=	10
15	=	=	8	10	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
16	=	=	=	=	=	=	=	=	=	=	10	8	9	=	10	=	=	=	=	=	=	=	=	=	10
17	=	=	=	=	=	10	=	=	10	10	=	=	10	10	10	=	=	=	=	5	0	0	10	5	9
18	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
19	=	=	=	3	3	2	3	4	4	2	1	1	0	0	0	1	7	8	4	0	0	0	8	=	4
20	10	0	4	0	=	=	4	10	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	9
21	=	=	=	=	=	=	=	10	10	10	10	=	=	=	=	=	=	=	=	=	=	=	=	=	10
22	=	4	=	=	=	=	=	=	=	=	=	10	=	=	=	=	=	=	=	=	=	=	=	=	10
23	=	=	=	=	=	5	0	=	=	=	3	8	7	10	10	=	6	4	3	4	0	0	0	0	6
24	0	7	6	=	=	=	6	8	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	9
25	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
26	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
27	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	7	8	8	10
28	6	10	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10	10	10	10
29	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
30	=	=	=	=	=	=	10	10	=	=	=	=	=	8	10	=	10	9	=	=	=	0	0	0	9
31	0	0	0	0	0	0	0	0	0	10	9	8	8	8	8	6	7	=	=	10	=	=	6	=	5
MEAN.	8·5	8·2	8·6	8·4	8·9	8·9	8·4	8·8	9·0	9·5	8·6	8·7	8·9	8·8	9·0	9·1	9·5	9·4	9·0	8·8	8·6	8·2	8·7	8·8	8·8

CLOUD. APRIL 1890.

1	=	=	=	0	=	5	6	9	8	7	10	8	10	10	=	=	=	=	=	=	=	7	4	9	8
2	10	10	=	10	=	=	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	3
3	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	1	0	0	0	0	0	0
4	7	9	9	6	0	2	1	1	0	0	0	3	3	1	3	10	=	=	=	=	=	=	=	=	6
5	=	=	=	=	2	3	2	5	9	1	2	1	2	1	2	7	7	10	6	10	10	10	10	10	6
6	10	=	=	=	=	8	5	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
7	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10	10	10	=	=	0	=	=	10	10
8	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10	=	7	10	10	10	7	10	9	=	10
9	9	=	=	=	=	=	7	10	9	10	9	7	10	10	10	=	=	=	=	=	10	=	=	=	10
10	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10	10	3	9	8	10	7	5	0	9
11	10	10	10	9	=	=	8	9	6	5	6	10	4	9	8	9	3	8	10	8	0	0	0	0	7
12	7	4	6	10	9	8	9	9	9	8	10	10	9	10	10	10	8	5	5	5	0	=	=	0	7
13	=	0	0	0	0	0	0	0	2	7	10	3	6	7	9	9	10	9	3	6	10	1	=	=	5
14	10	=	0	0	4	10	8	10	=	=	=	=	7	2	4	6	7	=	=	=	=	=	=	=	8
15	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	3	=	=	10	10	=	=	=	10
16	=	=	6	=	2	=	=	=	=	=	=	2	=	=	=	=	=	=	=	=	=	=	=	=	9
17	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
18	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	0	0	=	=	=	9
19	=	=	0	0	0	3	=	5	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	8
20	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
21	=	=	8	6	5	5	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	9
22	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
23	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
24	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
25	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	7	=	=	=	=	=	=	=	10
26	=	=	=	9	=	=	=	=	=	9	=	=	=	=	=	=	10	=	=	=	=	=	=	=	10
27	=	=	4	10	=	=	3	2	=	=	9	10	8	7	6	4	10	1	2	8	6	10	7	4	7
28	4	3	3	6	4	3	0	6	6	5	7	3	2	0	8	6	2	4	3	0	0	6	=	=	4
29	8	3	0	=	=	1	3	0	=	=	=	2	4	9	9	9	8	8	9	=	=	=	=	=	7
30	=	=	=	=	=	=	=	=	=	=	=	=	=	10	10	10	10	10	7	4	10	9	5	9	9
MEAN.	9·2	8·6	7·5	7·9	7·6	7·6	7·1	7·5	8·3	8·1	8·5	7·7	7·9	7·8	8·2	8·7	8·1	8·3	8·2	8·0	7·4	8·3	8·3	8·1	8·0

CLOUD. AMOUNT OF CLOUD (0–10). MAY 1890.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
1	10	10	10	6	2	4	7	5	8	10	7	4	4	4	4	6	1	3	0	0	0	0	0	0	4
2	0	0	0	0	0	0	0	1	1	3	4	2	5	8	10	10	=	=	=	=	=	=	=	=	5
3	=	=	=	=	6	7	=	=	=	=	=	=	=	10	10	9	8	5	8	10	10	10	10	10	9
4	10	7	3	4	1	0	0	1	9	4	6	9	7	4	3	5	6	0	0	=	1	=	=	2	5
5	3	6	3	8	6	2	0	5	9	4	7	9	8	10	10	10	10	10	10	=	10	=	=	=	7
6	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
7	=	=	=	=	=	8	8	=	=	=	=	=	=	10	9	8	8	6	4	6	10	2	5	7	8
8	10	10	9	9	4	6	9	10	=	7	9	7	10	10	10	10	10	10	10	10	9	8	2	1	8
9	0	0	0	0	0	0	1	5	=	=	10	10	10	10	10	10	10	10	10	10	10	=	=	10	7
10	=	=	=	=	=	=	=	=	=	=	=	10	=	=	=	=	=	=	=	=	10	10	=	=	10
11	=	=	=	=	=	=	=	=	=	=	=	=	8	9	7	10	10	10	8	10	10	=	=	=	10
12	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10	=	=	10
13	=	=	10	10	=	=	=	7	=	=	9	2	3	10	10	10	10	10	10	=	=	=	=	=	9
14	=	=	=	=	=	=	=	=	=	=	=	=	=	10	=	=	10	=	=	=	=	=	=	=	10
15	=	=	=	=	=	=	=	=	=	=	=	=	=	=	9	10	10	4	10	=	=	=	=	=	10
16	=	=	=	=	10	=	10	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
17	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	5	=	=	=	5	10	10
18	10	=	=	=	=	=	=	=	=	=	10	10	=	=	=	=	=	=	=	=	=	=	=	=	10
19	=	=	10	=	=	10	=	=	=	=	8	7	8	8	4	9	7	7	7	=	6	10	10	10	9
20	=	=	=	2	1	6	6	5	10	10	10	=	=	=	=	=	=	=	7	0	=	=	=	=	8
21	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	6	8	=	=	=	=	=	=	=	10
22	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10	9	10	10	10
23	5	10	10	10	4	1	1	0	10	9	2	7	6	8	3	7	6	6	5	8	1	1	1	1	5
24	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	2	2	1	1	2	1	5	7	0	0	0	0	0	1	6	1
26	5	8	4	7	9	=	0	=	=	=	=	10	10	=	10	2	7	5	0	1	0	0	0	0	6
27	0	0	0	0	0	0	0	0	0	3	0	0	1	2	0	0	0	0	0	0	4	3	0	0	1
28	0	1	0	9	0	0	1	0	0	0	0	0	4	=	=	=	=	=	=	=	=	=	=	=	5
29	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
30	=	=	=	=	=	=	=	=	=	=	10	10	10	9	10	=	9	9	10	10	10	=	=	=	10
31	=	=	=	=	=	=	6	10	10	=	=	=	6	=	10	=	=	=	=	=	=	=	=	=	10
MEAN.	7·6	7·8	7·4	7·6	6·5	6·6	6·4	7·1	8·3	8·1	7·9	7·7	7·8	8·5	8·1	8·3	8·3	7·6	7·2	7·9	7·8	7·8	7·5	7·6	7·6

CLOUD. JUNE 1890.

1	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
2	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
3	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
4	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
5	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	8	2	10	10	=	=	=	10
6	=	=	=	=	=	=	=	=	=	=	=	=	10	10	10	10	=	10	=	=	=	=	=	=	10
7	=	=	=	=	=	=	=	9	=	=	9	9	=	8	10	8	10	10	10	10	=	0	0	0	8
8	0	0	0	0	0	1	1	8	6	8	8	10	10	10	10	=	=	=	=	=	=	=	=	=	7
9	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	9	9	=	=	=	=	=	=	10
10	=	=	=	=	=	=	=	=	=	=	8	10	=	=	=	=	=	=	10	10	10	=	=	=	10
11	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10	10	=	=	=	=	10
12	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10	=	=	=	=	3	=	10
13	1	1	=	=	2	=	=	=	=	=	4	=	=	=	=	=	=	=	2	6	=	=	=	=	9
14	=	=	=	=	=	=	=	=	=	10	3	=	10	10	10	10	6	6	5	5	5	5	3	8	8
15	8	10	10	10	10	10	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
16	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
17	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
18	=	=	=	=	=	=	10	=	10	10	10	10	=	=	=	=	=	=	=	=	=	=	=	=	10
19	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
20	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
21	=	=	=	=	=	=	=	=	=	=	10	=	=	=	=	=	=	=	=	=	=	=	=	=	10
22	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10	10	7	0	4	3	5	10	9
23	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
24	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
25	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10	10
26	=	=	=	3	=	10	5	9	9	9	10	10	=	=	=	=	=	=	=	=	=	=	=	=	9
27	=	=	=	10	=	10	10	10	9	9	9	10	=	=	=	=	=	=	=	=	=	=	=	=	10
28	=	10	8	4	2	3	3	9	10	10	7	=	6	10	10	10	9	10	10	7	8	1	8	10	8
29	0	9	=	=	2	2	0	3	=	4	6	5	10	10	10	=	=	10	10	=	=	=	=	=	8
30	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10	=	=	=	=	=	=	10
MEAN.	9·0	9·3	9·6	9·2	8·9	9·2	9·0	9·6	9·8	9·7	9·1	9·8	9·9	9·9	10·0	9·9	9·8	9·8	9·2	9·3	9·6	9·0	9·0	9·6	9·5

CLOUD. AMOUNT OF CLOUD (0–10). JULY 1890.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
1	=	=	=	=	6	7	6	8	10	=	=	10	10	6	5	8	6	3	10	10	10	10	10	10	9
2	10	10	10	=	=	=	=	=	=	10	10	9	10	=	9	8	10	=	10	10	10	8	3	10	9
3	10	=	10	10	10	9	9	=	=	=	10	=	7	=	3	=	=	=	=	=	=	0	0	4	8
4	10	10	=	=	=	=	=	=	=	=	7	8	8	10	9	8	4	4	2	8	10	10	=	9	9
5	=	=	=	=	=	2	10	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
6	=	=	=	=	=	=	=	=	=	=	=	=	=	10	=	=	=	=	=	=	=	=	=	=	10
7	=	=	10	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10	10	10	10	10	10
8	10	=	10	=	10	=	=	=	=	=	=	=	=	10	=	=	=	=	=	=	=	=	=	=	10
9	=	=	=	=	=	=	=	10	=	=	=	=	=	10	10	10	=	10	=	=	10	=	=	=	10
10	=	=	=	=	=	=	=	10	=	=	=	=	=	=	10	9	10	9	10	=	=	=	=	=	10
11	=	=	=	=	9	7	9	4	5	8	9	10	10	6	9	10	=	=	=	=	=	=	10	10	9
12	=	=	=	=	=	10	9	=	10	10	=	10	=	=	=	=	=	=	=	=	=	=	=	=	10
13	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
14	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
15	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
16	=	10	=	10	10	10	6	7	3	7	3	7	5	10	10	10	10	3	3	0	0	0	0	0	6
17	3	1	2	4	8	1	5	1	1	2	7	8	5	10	9	9	10	10	7	10	10	10	10	10	6
18	10	10	10	10	=	10	8	10	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	6	10
19	10	4	2	0	0	0	0	0	4	2	3	6	2	4	6	4	8	7	10	10	10	2	0	2	4
20	6	8	9	10	10	=	=	=	=	=	=	=	=	9	=	=	=	=	=	=	=	=	=	=	10
21	=	=	=	=	=	=	=	6	=	=	10	6	4	=	=	=	=	=	=	=	=	=	=	=	9
22	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
23	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
24	=	=	=	=	=	=	10	10	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
25	=	10	=	10	10	=	=	=	=	10	=	=	=	=	=	10	=	7	0	6	=	=	7	=	9
26	=	6	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
27	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10	=	=	=	10	=	10	=	=	10
28	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
29	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
30	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
31	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
MEAN.	9·6	9·3	9·5	9·5	9·5	8·9	9·1	8·9	8·8	9·3	9·3	9·5	9·1	9·5	9·4	9·5	9·6	9·1	9·1	9·5	9·7	9·0	8·7	9·1	9·3

CLOUD. AUGUST 1890.

1	=	=	=	=	=	=	=	=	=	=	=	=	10	3	1	6	=	6	=	=	=	6	0	0	8
2	0	10	10	=	=	=	10	10	=	=	=	=	=	=	=	=	10	=	=	10	8	2	7	10	9
3	10	10	10	10	10	10	10	10	10	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
4	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
5	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
6	=	=	=	=	10	10	=	=	=	=	=	=	=	=	=	=	=	=	=	10	10	8	8	9	10
7	8	=	=	10	10	10	=	10	10	10	10	10	10	10	10	10	3	9	5	3	=	6	3	6	8
8	2	2	2	1	2	1	1	1	2	2	3	2	5	9	10	9	9	10	3	4	8	5	2	3	4
9	7	6	7	9	6	10	7	5	4	6	6	7	8	10	10	10	=	10	9	6	8	=	=	=	8
10	=	=	=	=	=	=	=	=	=	=	=	=	10	8	9	4	8	9	10	2	1	0	0	1	8
11	1	8	9	10	10	10	9	6	7	10	10	10	10	=	=	=	=	=	=	=	=	=	10	10	9
12	10	10	10	=	=	=	=	10	=	=	=	10	=	=	=	=	=	=	7	=	=	8	=	2	9
13	1	10	10	10	=	=	10	=	=	8	10	3	=	8	10	10	10	9	9	=	=	=	=	=	9
14	=	=	=	=	=	=	10	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
15	=	=	=	=	=	=	=	=	=	=	10	=	=	=	=	=	=	=	=	=	=	=	=	=	10
16	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
17	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
18	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10	10
19	10	10	10	10	7	9	10	0	=	10	10	10	=	10	10	=	=	=	=	=	=	=	=	=	10
20	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
21	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
22	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
23	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	4	=	=	=	=	=	=	10
24	=	=	10	=	9	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10	10
25	0	10	10	10	=	10	10	10	10	=	=	10	=	=	=	=	=	=	=	=	=	=	=	=	10
26	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
27	=	=	=	=	=	=	=	=	=	=	=	=	=	10	9	9	9	=	=	=	=	=	=	=	10
28	=	=	=	=	=	=	=	=	=	=	=	=	=	10	10	=	=	=	=	=	=	=	0	0	9
29	=	=	0	0	0	0	1	=	=	=	=	7	=	=	=	=	=	=	=	9	=	=	=	=	8
30	0	9	8	=	=	=	=	5	9	7	8	3	10	7	10	=	=	=	=	=	=	=	9	0	8
31	0	0	0	0	0	0	0	0	0	2	8	9	4	4	9	=	9	9	9	10	=	=	=	=	5
MEAN.	7·7	9·2	8·9	9·0	8·8	9·0	9·0	8·6	9·1	9·2	9·5	9·1	9·6	9·3	9·6	9·6	9·6	9·5	9·4	9·2	9·5	8·9	8·4	8·1	9·1

CLOUD. AMOUNT OF CLOUD (0–10). SEPTEMBER 1890.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
1	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
2	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10	9	=	=	=	=	10
3	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
4	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	2	0	0	0	0	1	8
5	0	0	0	1	0	5	0	0	0	1	4	5	7	4	9	=	=	=	=	=	=	=	0	=	5
6	=	0	=	0	2	2	2	3	2	4	2	1	1	0	0	0	2	4	4	1	1	1	5	4	3
7	2	0	2	4	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	=	4	=	10	2
8	=	=	=	=	=	=	=	=	=	=	=	=	4	1	2	6	5	9	7	10	=	=	=	=	8
9	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10	10	=	=	=	=	=	=	=	10
10	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
11	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	8	4	=	=	=	=	10
12	=	=	=	=	=	8	=	8	8	6	8	9	7	6	4	4	3	2	0	0	0	0	0	0	6
13	0	0	0	0	0	0	0	1	1	1	2	2	2	1	1	1	1	1	0	0	0	0	4	0	1
14	=	=	=	4	=	=	=	=	=	=	9	=	5	7	7	6	8	3	3	10	8	=	=	0	8
15	0	0	0	=	=	=	=	=	=	1	0	0	0	0	0	0	3	2	4	4	1	1	3	2	3
16	0	0	0	0	0	2	1	0	0	0	1	2	3	4	2	2	6	2	6	5	10	=	=	=	3
17	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10	10	=	=	=	=	10
18	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	6	8	7	10	4	=	=	9
19	=	=	3	=	10	10	8	=	=	8	10	10	6	=	=	=	=	=	=	=	=	=	=	=	9
20	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	3	10	=	=	=	=	=	10
21	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
22	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10	4	4	10	9
23	=	10	=	=	=	=	=	=	=	=	6	4	=	=	=	=	=	=	=	=	=	=	=	=	10
24	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
25	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
26	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
27	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
28	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
29	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
30	=	=	=	=	=	=	10	10	10	10	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
MEAN.	8·4	8·0	8·2	8·3	8·5	8·6	8·4	8·4	8·4	8·0	8·1	8·1	7·8	7·8	7·8	8·0	8·3	7·7	7·7	7·7	8·3	7·8	8·2	8·2	8·1

CLOUD. OCTOBER 1890.

1	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10	=	=	=	=	=	10
2	=	=	=	10	0	0	0	9	10	10	=	10	=	=	=	=	=	=	=	=	=	=	=	=	9
3	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
4	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
5	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
6	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
7	=	=	=	=	=	=	=	=	=	9	7	=	8	7	=	=	8	=	=	4	5	=	0	1	8
8	2	0	0	0	0	0	0	0	0	2	4	9	8	7	4	5	10	8	5	4	6	=	=	=	4
9	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
10	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
11	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
12	=	=	=	=	=	=	=	=	=	=	=	=	=	=	9	9	9	8	5	=	=	=	4	=	9
13	=	=	=	=	=	=	=	6	=	9	10	=	=	=	=	=	=	=	=	=	=	=	=	=	10
14	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
15	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
16	=	=	=	=	=	=	=	=	=	=	=	=	10	=	=	=	=	=	=	=	=	=	=	=	10
17	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
18	=	=	=	=	=	=	=	7	3	1	4	3	4	10	8	10	5	=	0	0	1	1	0	0	6
19	0	1	0	10	8	10	10	10	10	2	1	1	0	1	2	3	5	4	0	0	0	=	=	=	5
20	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
21	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	4	7	9	7	2	1	1	1	7	8
22	6	5	5	=	0	10	10	=	=	4	4	1	=	4	=	=	=	=	=	=	=	=	=	=	8
23	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
24	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
25	=	=	=	=	=	=	=	=	=	=	=	10	10	10	=	=	=	=	=	=	=	10	5	=	10
26	=	7	0	10	=	0	=	=	4	10	=	=	=	=	=	=	=	=	=	=	=	=	=	=	9
27	=	=	=	=	=	=	=	=	4	=	8	1	=	=	=	4	=	=	10	=	10	10	=	=	9
28	=	8	8	=	10	10	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
29	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	7	10
30	=	6	9	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
31	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
MEAN.	9·3	8·9	8·8	9·7	9·0	9·0	9·4	9·4	9·4	8·9	9·0	8·9	9·4	9·3	9·5	9·2	9·5	9·6	8·9	8·7	8·8	9·4	8·7	9·2	9·2

CLOUD. AMOUNT OF CLOUD (0–10). NOVEMBER 1890.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
1	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
2	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8	10
3	≡	≡	10	≡	10	10	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
4	≡	≡	≡	≡	≡	≡	1	≡	4	≡	1	10	10	1	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9
5	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	≡	0	0	0	0	0	10	10	7
6	≡	≡	≡	≡	≡	≡	≡	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
7	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8	7	8	10	3	2	≡	0	≡	≡	≡	≡	≡	9
8	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
9	≡	10	10	10	10	10	10	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
10	≡	≡	≡	≡	≡	≡	0	0	≡	0	0	0	0	≡	5	≡	≡	≡	≡	≡	≡	≡	≡	≡	7
11	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	10
12	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
13	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
14	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
15	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
16	≡	0	0	0	≡	≡	≡	4	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8
17	≡	4	6	5	0	0	4	6	5	7	7	6	6	8	9	≡	≡	≡	≡	≡	≡	≡	≡	≡	7
18	≡	≡	≡	≡	≡	≡	≡	4	7	7	8	6	6	7	≡	≡	≡	≡	3	10	10	10	10	≡	9
19	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
20	≡	≡	≡	≡	≡	≡	≡	≡	≡	6	8	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
21	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
22	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
23	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	10	10	10	10
24	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
25	≡	≡	≡	≡	≡	≡	≡	≡	4	≡	4	≡	0	0	0	1	2	5	10	10	≡	≡	≡	≡	7
26	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	4	6	8	6	0	0	0	0	0	0	0	6
27	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	2	2	6	7	9	9	9	9	2
28	10	10	7	9	8	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
29	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	10	10	≡	10
30	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
MEAN.	9·7	9·1	9·1	9·1	9·3	9·3	8·8	8·8	9·0	9·0	8·6	9·0	8·6	8·6	9·0	8·7	9·1	8·9	8·6	9·2	9·3	9·3	9·6	9·2	9·0

CLOUD. DECEMBER 1890.

1	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
2	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
3	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
4	≡	≡	0	≡	≡	≡	≡	≡	≡	4	≡	≡	10	2	≡	10	6	0	0	0	≡	≡	≡	≡	8
5	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	0	0	9
6	0	0	0	1	0	0	1	4	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	≡	≡	6
7	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
8	≡	≡	≡	≡	≡	≡	0	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8	0	0	0	0	0	≡	≡	≡	8
10	≡	≡	≡	≡	≡	≡	≡	≡	6	4	4	≡	3	3	6	4	4	≡	≡	≡	≡	≡	≡	≡	7
11	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
12	≡	≡	≡	2	1	2	1	7	7	9	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8
13	≡	≡	≡	≡	0	0	0	1	2	7	6	8	8	6	6	7	6	2	1	3	0	0	0	≡	5
14	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
15	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	2	≡	≡	10	≡	0	≡	≡	≡	≡	≡	≡	9
16	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
17	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
18	≡	0	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	6	9
19	5	5	7	9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9
20	≡	≡	≡	≡	≡	≡	≡	≡	≡	2	≡	≡	≡	6	7	6	3	0	0	0	0	0	0	0	6
21	0	0	0	0	0	0	0	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	4	0	4	6
22	7	8	10	3	0	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9
23	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	10	≡	10	10
24	≡	≡	≡	≡	≡	≡	2	3	≡	0	0	1	0	0	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	7
25	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	≡	≡	≡	≡	≡	1	10	9	9	10	10
26	≡	10	≡	≡	≡	≡	0	0	1	0	1	2	8	3	2	1	0	1	0	0	0	0	9	8	4
27	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
28	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	10
29	10	8	8	0	1	9	0	1	2	1	8	0	10	9	10	≡	≡	≡	≡	10	≡	≡	10	≡	7
30	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	2	2	≡	≡	≡	≡	≡	0	0	≡	0	0	0	7
31	0	0	0	0	≡	≡	≡	≡	≡	≡	≡	0	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8
MEAN.	8·8	8·4	8·5	8·2	8·1	8·7	7·5	8·6	9·0	8·3	9·0	8·5	8·8	8·6	9·4	9·2	8·7	8·2	8·1	7·9	8·7	7·8	8·3	8·6	8·5

STEVENSON SCREEN. TEMPERATURE AND AMOUNT OF CLOUD. AUGUST 1890.

	Temperature—Dry and Wet Bulbs.														Max.	Min.	Black Bulb.	Radn. Min.	Amount of Cloud, 0 to 10.				
	9h		10h		12h		14h		16h		21h		22h						9h	10h	14h	21h	22h
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.									
1	57·3	55·2	59·8	56·1	62·0	57·2	63·6	57·3	60·8	57·0	56·8	53·9	54·0	51·7	65·0	54·4	–	–	9	8	2	2	1
2	56·5	54·0	59·8	55·9	64·9	57·7	64·5	56·0	62·1	55·6	55·8	52·9	54·3	51·9	65·0	49·1	–	–	9	9	4	2	2
3	57·0	54·8	57·6	54·7	–	–	57·1	55·5	–	–	56·8	56·3	57·1	56·8	59·0	52·6	–	–	10	10	10	10	10
4	59·1	58·9	59·7	59·0	61·0	60·1	58·0	57·8	59·9	59·1	57·8	57·6	57·9	57·8	61·2	57·5	–	–	10	10	10	10	10
5	58·8	58·4	59·1	58·9	60·4	60·0	60·0	59·7	59·7	58·9	56·9	54·9	56·3	54·7	61·0	55·3	–	–	10	10	10	9	10
6	56·9	54·4	56·9	54·1	58·2	53·7	58·7	54·7	58·8	54·4	54·9	52·6	54·0	51·9	59·0	53·5	–	–	10	10	10	9	9
7	56·5	54·0	58·7	54·9	62·8	54·9	66·2	57·7	66·9	57·6	58·4	55·1	58·1	54·9	69·0	52·0	–	–	10	8	4	3	7
8	58·8	55·1	60·0	57·1	65·9	59·9	70·1	60·6	70·1	62·7	59·5	57·1	56·9	55·6	**73·0**	49·1	–	–	0	0	3	3	2
9	61·8	56·8	64·8	57·8	67·1	60·2	71·2	62·9	69·9	62·1	61·2	54·1	59·2	53·9	72·0	53·0	–	–	4	3	2	2	2
10	65·8	56·1	68·4	58·0	–	–	68·7	56·8	–	–	58·7	50·9	57·2	50·9	71·9	57·3	–	–	5	5	6	2	0
11	58·9	54·8	61·9	56·6	68·0	57·8	65·3	58·0	61·9	57·4	60·8	56·9	59·8	56·9	70·0	54·0	–	–	5	5	10	10	10
12	55·4	54·6	56·8	54·9	58·1	56·7	58·9	56·9	57·8	54·9	54·9	53·7	54·4	53·3	60·1	54·5	–	–	10	10	10	10	10
13	56·9	53·2	58·1	53·6	60·2	54·3	64·0	56·0	65·9	57·5	57·0	53·9	55·8	52·9	68·1	52·0	–	–	9	6	3	6	9
14	54·1	52·4	54·2	51·9	57·7	54·8	58·1	55·0	55·7	53·1	52·6	50·9	52·9	50·8	60·1	51·8	–	–	10	9	10	6	10
15	53·7	51·9	55·2	52·7	58·7	54·3	54·8	52·9	52·7	51·0	51·2	49·9	51·8	49·9	60·1	50·0	–	–	10	10	10	10	10
16	53·9	50·9	55·1	51·5	53·9	50·9	52·8	51·8	54·8	52·9	54·6	53·0	54·3	53·3	56·0	50·1	–	–	10	10	10	10	9
17	55·1	53·3	54·9	53·2	–	–	56·9	54·1	–	–	54·0	51·0	53·5	51·1	60·8	52·7	–	–	10	9	9	9	10
18	54·9	50·9	56·9	51·7	56·8	51·9	57·7	52·8	57·7	53·8	53·1	50·9	52·9	50·2	59·0	51·9	–	–	9	10	10	10	10
19	51·9	48·7	55·3	50·9	57·7	51·9	61·7	52·9	58·0	51·9	53·8	50·8	52·2	49·3	61·6	44·0	–	–	3	7	6	10	10
20	56·0	55·3	57·0	55·9	61·7	55·0	61·2	53·6	62·7	53·9	54·0	50·6	52·9	50·1	63·0	51·9	–	–	9	9	3	10	10
21	53·8	53·0	54·8	54·2	56·0	55·0	56·9	53·3	58·0	52·2	48·1	46·6	49·0	46·8	59·0	48·0	–	–	10	10	10	10	10
22	52·1	48·8	52·3	49·1	55·3	50·3	53·1	49·9	55·7	51·8	50·2	49·0	50·8	49·1	57·0	47·0	–	–	10	10	9	9	10
23	52·1	49·7	52·0	50·0	55·8	51·7	56·8	50·1	54·0	48·0	49·9	46·8	47·0	44·2	59·0	46·2	–	–	10	9	7	3	1
24	52·1	49·0	53·8	49·9	–	–	54·6	51·0	–	–	52·7	50·9	52·6	49·9	59·1	45·0	–	–	10	10	7	8	9
25	53·9	51·2	56·0	52·8	58·0	52·9	55·9	51·6	53·0	51·0	48·5	47·3	48·2	47·4	58·2	47·9	–	–	8	8	10	8	10
26	50·9	49·0	50·8	49·0	55·1	50·7	56·9	51·0	54·1	50·2	48·8	46·1	47·8	46·4	58·1	47·0	–	–	10	10	9	8	9
27	50·9	49·7	51·7	50·3	56·9	52·9	60·3	53·2	59·9	51·1	51·0	48·2	49·4	47·1	62·3	47·3	–	–	10	10	5	8	6
28	53·3	48·0	53·7	48·2	53·3	47·9	53·5	45·1	55·9	49·0	48·8	44·9	47·6	43·9	58·0	46·3	119·3	–	7	6	8	10	9
29	47·6	44·7	50·7	46·9	54·8	48·9	54·2	49·7	55·8	49·7	48·8	46·7	48·0	45·9	58·2	**35·8**	123·4	–	6	4	9	7	8
30	51·9	45·0	51·9	44·9	54·7	47·0	55·3	46·9	54·2	48·7	46·7	44·7	46·6	44·8	59·7	43·5	123·1	–	5	7	8	10	9
31	47·6	44·0	49·6	45·2	–	–	57·9	49·8	–	–	50·1	47·0	51·2	47·8	58·8	36·0	116·6	–	2	2	4	10	10
MEAN	55·0	52·1	56·4	52·9	–	–	59·5	54·0	–	–	53·8	51·1	53·0	50·7	62·0	49·6	–	–	8·1	7·9	7·3	7·5	8·1

STEVENSON SCREEN. SEPTEMBER 1890.

	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.									
1	52·7	49·8	51·2	50·7	52·8	51·9	53·9	53·2	56·8	56·3	56·0	55·8	55·8	55·7	57·0	50·2	74·3	–	10	10	10	10	10
2	57·3	56·9	58·7	56·1	59·5	56·7	59·1	56·0	57·9	54·9	55·0	53·9	54·7	54·0	60·3	53·3	105·2	–	9	10	10	10	10
3	57·7	57·1	58·1	57·8	60·1	59·2	58·1	57·8	58·1	57·8	57·0	56·8	56·9	56·8	60·8	54·2	103·3	–	10	10	10	10	10
4	57·1	56·0	58·8	57·2	59·7	57·6	58·9	57·1	60·2	57·0	55·7	52·0	55·3	52·2	61·0	55·0	115·1	–	8	6	10	10	10
5	54·9	53·0	56·2	53·5	58·0	54·0	61·1	56·8	59·9	55·0	56·8	56·1	56·7	56·1	61·7	52·6	118·7	–	7	9	6	10	10
6	57·9	53·1	60·0	54·9	60·2	54·1	63·3	56·9	63·1	56·9	53·8	51·9	52·1	50·8	64·0	50·9	120·0	–	5	6	1	0	0
7	53·8	50·7	58·8	54·5	–	–	66·7	57·0	–	–	57·9	53·5	57·8	53·8	67·0	44·9	118·8	39·8	0	0	0	1	3
8	60·1	58·9	62·6	59·7	67·0	62·1	68·1	62·1	67·0	59·0	60·1	56·7	59·8	56·8	69·0	54·2	114·9	50·1	4	6	1	3	10
9	57·0	52·9	58·1	52·0	58·7	52·0	59·7	52·1	59·1	51·7	50·0	46·9	49·9	46·9	67·9	48·6	121·8	54·1	8	9	6	1	10
10	53·5	50·9	55·8	51·8	56·9	52·1	56·9	53·9	54·9	53·0	52·9	51·1	52·8	51·9	58·7	48·3	94·9	45·4	10	10	10	10	10
11	56·8	51·7	58·0	52·8	60·0	53·1	58·2	51·9	–	–	54·0	50·9	53·6	51·7	62·1	53·0	119·0	51·7	9	8	4	10	10
12	56·7	53·9	58·0	54·8	61·4	56·7	62·9	57·6	62·0	57·1	52·0	50·3	48·8	47·9	63·0	48·2	**125·9**	52·2	10	10	7	0	0
13	50·8	49·1	56·7	53·4	61·5	56·7	63·9	58·9	65·2	59·1	57·0	53·9	59·4	55·7	66·2	**41·9**	115·2	35·2	0	0	1	0	0
14	57·7	55·7	60·2	57·0	–	–	68·1	60·8	–	–	59·0	56·0	58·9	55·8	68·1	53·8	115·0	50·0	9	8	1	0	0
15	60·1	55·8	64·9	55·5	69·7	56·0	69·9	56·9	71·0	57·7	64·1	54·5	63·1	53·9	**71·2**	50·0	119·4	43·0	0	0	0	3	1
16	65·2	55·2	67·0	55·0	67·9	57·7	66·5	57·1	68·0	57·2	60·1	55·9	61·7	56·1	69·0	57·2	113·2	48·1	0	0	4	9	10
17	62·0	55·8	62·7	56·0	58·8	56·3	60·3	57·0	60·7	57·7	59·1	55·9	57·9	56·7	66·0	58·6	102·5	–	9	10	10	10	10
18	58·1	56·2	57·6	56·0	56·2	55·6	59·0	56·5	59·8	56·7	53·1	51·9	51·7	50·7	61·0	51·7	114·0	51·7	10	10	8	6	7
19	50·8	49·7	54·1	52·2	58·9	55·7	62·5	56·0	64·3	57·2	56·2	54·9	55·1	53·2	65·8	44·1	112·2	41·2	4	5	8	10	6
20	61·8	53·9	61·9	53·7	62·1	53·8	55·8	54·1	59·8	55·8	53·8	49·9	53·0	49·8	63·1	52·8	92·2	48·4	8	9	10	4	4
21	57·9	52·6	59·7	53·6	–	–	57·9	53·6	–	–	56·1	52·6	55·7	52·2	60·8	52·1	84·7	47·9	10	8	10	10	7
22	59·8	53·8	59·7	54·2	58·8	55·7	58·0	55·7	56·9	55·1	53·4	51·9	52·0	50·8	60·6	51·8	86·3	51·9	9	9	10	4	8
23	53·3	51·9	54·9	52·3	59·7	54·2	59·0	54·0	57·9	53·1	54·1	51·9	53·5	52·2	60·9	51·8	119·5	49·1	10	9	7	10	10
24	55·8	54·6	56·1	54·8	55·8	53·9	54·8	52·9	55·6	50·9	51·1	47·6	50·2	47·7	57·5	50·0	81·8	52·4	10	10	10	8	10
25	52·9	49·2	55·7	50·9	55·1	49·9	56·7	50·9	54·0	50·1	52·8	52·5	54·1	53·9	57·2	45·9	102·0	43·3	10	9	10	10	10
26	60·1	58·7	60·2	59·0	61·2	59·6	61·9	58·8	61·9	57·2	55·0	54·8	56·0	50·8	62·3	53·8	105·2	54·8	10	10	10	10	10
22	58·8	57·7	59·0	57·9	59·5	57·9	59·0	57·7	58·0	57·0	53·1	51·9	53·0	51·9	59·8	52·9	68·9	56·8	10	10	10	10	10
28	54·9	52·0	54·9	51·6	–	–	55·2	51·7	–	–	52·9	49·8	51·1	49·8	57·7	47·9	106·3	45·0	8	8	10	7	8
29	54·8	51·7	53·0	51·8	53·8	52·7	57·1	53·9	53·9	51·2	49·1	43·6	47·1	42·7	57·2	45·9	64·4	47·8	10	10	10	8	10
30	47·7	43·9	47·3	44·2	47·1	44·1	44·9	44·0	43·8	42·9	43·5	42·9	43·9	42·9	48·2	43·0	60·8	–	10	10	10	10	10
MEAN	56·6	53·4	58·0	54·2	–	–	59·9	55·4	–	–	54·8	51·9	54·4	52·0	62·2	50·6	103·2	–	7·6	7·6	7·1	6·8	7·5

STEVENSON SCREEN. TEMPERATURE AND AMOUNT OF CLOUD. OCTOBER 1890.

	Temperature—Dry and Wet Bulbs.														Max.	Min.	Black Bulb.	Radn. Min.	Amount of Cloud, 0 to 10.				
	9h		10h		12h		14h		16h		21h		22h						9h	10h	14h	21h	22h
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.									
1	48·3	45·9	49·5	45·0	45·8	43·5	42·9	40·7	47·8	43·9	46·0	41·9	44·1	40·6	51·2	42·3	91·0	–	9	8	10	2	2
2	44·5	40·9	45·3	41·7	47·9	42·9	46·2	44·6	46·7	45·1	51·7	50·7	54·0	53·2	53·8	42·5	88·3	29·6	10	10	10	10	10
3	56·1	55·2	56·9	55·9	56·8	55·7	57·3	55·7	57·0	55·8	54·0	52·2	54·7	51·9	57·8	50·7	61·2	51·6	10	10	10	10	10
4	54·3	51·1	54·6	51·2	55·1	51·9	53·8	52·3	52·8	52·3	55·0	54·9	55·7	55·3	55·8	52·0	65·4	49·0	8	10	10	10	10
5	57·6	56·1	57·1	56·0	–	–	55·8	54·3	–	–	52·9	49·6	52·0	49·6	57·8	51·8	69·0	54·7	10	10	10	4	4
6	51·5	47·3	52·9	47·2	53·7	48·7	53·9	47·9	52·0	46·9	48·7	45·1	47·2	44·9	54·7	46·8	97·2	43·9	9	10	7	10	10
7	48·7	46·1	51·3	48·2	55·3	48·2	54·2	48·1	53·1	46·9	44·6	42·4	42·7	40·7	57·0	41·0	**114·8**	45·3	9	9	3	1	2
8	42·9	40·1	45·9	42·7	52·9	47·1	55·1	48·8	53·6	48·1	47·9	44·9	48·1	45·1	55·3	35·0	106·3	29·4	0	1	8	8	8
9	50·0	49·6	50·6	50·1	51·9	51·7	52·4	51·9	52·9	52·3	53·8	53·7	54·7	54·3	54·8	46·2	58·7	42·0	10	10	10	10	10
10	56·7	55·9	55·8	55·2	56·1	55·8	57·4	56·0	56·1	55·5	56·1	55·6	55·5	55·1	57·6	53·9	69·3	54·0	10	10	10	10	10
11	56·7	55·9	57·0	56·1	56·8	56·1	57·2	55·6	55·5	54·8	55·7	55·2	55·9	55·7	**58·9**	54·3	73·6	55·0	10	10	10	10	10
12	55·1	53·3	55·2	53·7	–	–	55·7	53·0	–	–	53·9	51·9	53·7	51·6	57·8	53·5	109·0	–	10	10	9	10	10
13	53·9	51·2	54·6	51·1	54·9	51·6	54·9	52·3	54·9	52·6	53·2	52·9	53·9	51·9	55·8	52·7	73·3	49·3	10	10	10	10	8
14	54·1	52·7	53·8	51·9	51·9	48·9	52·9	49·1	52·2	48·3	49·4	48·5	49·9	48·2	56·0	48·6	87·3	–	10	10	8	10	10
15	42·9	40·8	45·5	42·2	46·5	43·1	41·9	39·8	43·3	40·9	45·9	41·7	46·2	41·7	51·7	41·2	75·2	39·9	6	7	8	3	4
16	44·1	40·0	43·4	40·2	46·8	43·9	49·2	43·8	47·9	42·9	46·6	43·9	46·2	43·2	51·8	40·2	102·8	36·2	10	10	7	10	10
17	47·2	43·6	47·3	43·7	48·9	45·0	51·9	46·1	50·7	46·7	51·1	47·7	50·7	46·8	55·5	45·0	96·8	40·9	10	9	9	5	5
18	46·4	41·4	48·2	42·0	49·9	42·9	50·2	43·7	48·9	43·2	39·9	37·2	40·7	37·7	52·0	38·8	102·3	40·7	4	2	8	1	1
19	42·9	40·8	45·6	41·0	–	–	51·2	45·0	–	–	39·8	38·8	40·2	39·0	54·8	37·0	100·2	33·0	9	5	2	6	10
20	47·2	46·9	48·2	47·9	50·3	50·0	56·7	52·7	55·9	52·0	53·1	51·0	53·1	50·6	57·2	37·0	64·4	33·0	10	10	9	10	10
21	52·7	50·9	53·1	51·7	55·1	53·0	56·0	53·4	55·6	53·1	52·8	51·2	52·2	50·9	56·9	51·0	69·7	48·7	10	10	10	10	10
22	51·9	51·1	52·3	51·9	54·3	52·4	54·3	52·5	54·1	52·0	53·0	51·9	52·9	51·9	56·3	50·0	89·9	48·0	9	10	8	10	10
23	51·8	50·9	51·9	50·7	52·3	51·3	53·1	52·0	53·0	51·2	53·8	50·8	53·9	50·9	54·2	51·3	62·6	–	10	10	10	10	10
24	55·0	53·7	55·1	53·5	52·5	50·0	50·9	46·5	50·0	44·1	47·6	44·2	47·2	44·6	55·7	46·8	91·8	50·0	10	9	5	10	10
25	44·2	41·9	44·8	41·8	44·7	40·8	45·1	41·2	43·3	39·9	36·2	35·7	35·9	35·0	47·8	34·5	65·4	41·7	10	10	10	9	10
26	32·9	31·7	37·6	34·3	–	–	39·7	38·0	–	–	35·8	34·0	34·8	33·5	[41·3]	[34·1]	86·4	**26·2**	3	10	9	10	10
27	35·9	32·8	37·3	34·0	39·0	35·2	41·0	35·9	38·5	35·0	33·7	32·0	34·9	32·2	44·0	**28·9**	101·0	**26·2**	3	2	7	6	7
28	39·8	37·9	39·6	37·8	42·0	40·8	43·6	42·8	48·1	46·7	53·1	51·7	54·3	51·1	55·3	32·8	52·2	29·0	10	10	10	10	10
29	53·9	52·7	54·6	53·0	54·8	53·8	54·9	51·9	51·9	46·2	47·7	42·7	47·2	41·9	55·5	47·0	85·1	48·9	10	10	10	7	6
30	45·0	42·1	46·9	43·0	48·6	44·2	48·5	44·1	48·1	43·9	45·2	43·7	44·7	43·7	49·0	41·0	56·6	33·5	9	10	10	10	10
31	46·2	46·0	46·7	46·6	47·2	46·9	47·1	46·1	46·6	45·7	48·7	45·6	48·0	45·3	49·0	43·9	54·2	43·3	10	10	10	8	10
MEAN	48·7	46·7	49·6	47·1	–	–	51·1	47·9	–	–	48·6	46·6	48·6	46·4	53·9	44·2	81·3	–	8·6	8·8	8·6	8·1	8·3

STEVENSON SCREEN. NOVEMBER 1890.

	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.									
1	44·6	42·9	45·1	43·7	49·8	45·9	50·2	46·5	–	–	49·0	47·0	49·2	48·2	52·3	43·7	**97·9**	39·2	6	2	10	10	10
2	48·0	44·8	49·0	45·4	–	–	49·9	45·1	–	–	42·8	39·0	41·9	38·8	**56·1**	40·5	93·1	42·0	6	5	9	8	10
3	37·9	35·8	38·2	36·0	40·8	36·9	39·9	37·8	42·2	39·0	41·2	40·7	41·7	40·9	42·6	36·0	50·0	32·0	10	10	10	10	10
4	37·8	37·2	40·7	39·8	44·6	42·5	47·0	43·6	44·9	42·8	43·7	41·0	42·9	40·0	47·1	37·0	87·5	32·9	8	9	1	7	4
5	44·1	41·5	45·7	41·8	46·9	43·2	46·9	43·1	45·6	42·6	39·0	37·0	38·1	36·2	47·0	36·9	81·2	33·0	3	4	6	–	0
6	46·1	40·9	46·7	41·1	45·8	42·0	48·1	43·6	45·8	43·2	46·2	42·7	46·0	42·0	48·9	34·2	48·8	30·3	10	10	10	10	10
7	46·1	41·8	46·1	40·4	47·0	39·7	46·7	44·9	45·1	39·9	37·9	36·1	38·0	36·7	48·9	[37·0]	85·0	40·3	10	10	4	1	1
8	46·5	45·3	47·1	46·2	46·4	44·1	44·0	43·2	43·1	42·0	40·9	39·9	41·0	39·9	50·0	[35·3]	55·1	34·2	10	10	10	10	10
9	38·1	37·3	38·0	37·3	–	–	40·6	38·9	–	–	38·9	38·1	39·0	38·1	41·3	35·1	42·0	35·7	10	10	10	10	10
10	38·8	35·9	40·5	37·0	45·7	40·1	45·8	38·1	45·9	39·7	41·8	39·0	42·9	38·9	47·0	[38·2]	88·0	30·9	–	–	1	8	4
11	44·0	39·9	44·1	40·5	45·6	40·7	45·7	40·9	44·3	41·0	42·7	39·8	43·7	39·0	46·1	40·0	58·0	37·0	10	10	9	4	2
12	39·0	36·2	39·2	36·9	46·7	41·1	46·8	41·8	47·7	42·7	48·1	45·8	45·8	43·9	49·2	39·1	86·2	28·5	1	7	10	10	10
13	44·1	42·7	45·0	42·8	41·7	40·0	43·9	42·5	45·9	43·8	47·5	45·0	46·7	44·9	49·4	40·9	60·1	36·6	10	7	10	10	10
14	49·0	43·2	49·1	44·3	46·9	43·8	45·1	41·0	47·4	43·0	44·0	43·1	45·6	43·0	50·0	42·1	52·8	37·0	10	10	10	10	10
15	44·0	41·9	46·8	44·2	47·6	46·1	47·9	45·8	45·8	43·7	39·7	38·9	38·0	37·6	50·0	37·6	82·9	37·2	3	10	8	4	1
16	43·1	40·7	43·9	40·7	–	–	43·1	42·0	–	–	46·3	43·8	46·9	43·7	48·9	35·9	45·9	29·2	10	10	10	1	1
17	34·7	33·9	37·8	36·1	43·1	40·9	45·8	42·9	44·9	42·2	51·7	49·8	51·1	49·9	53·1	33·0	84·3	28·3	9	8	7	10	10
18	45·1	43·9	46·1	45·1	50·4	48·3	50·7	48·7	50·1	49·0	50·3	47·9	50·1	47·9	52·8	44·0	74·1	39·2	8	9	8	7	7
19	53·0	52·0	53·2	51·2	53·9	49·8	53·2	49·0	47·4	45·7	48·2	46·1	49·6	46·9	55·0	46·0	66·0	43·0	8	7	10	5	7
20	49·4	47·4	49·8	47·1	50·2	48·3	49·7	48·7	48·8	48·4	53·1	52·7	53·8	52·7	55·0	46·0	58·9	43·5	9	8	9	10	10
21	48·1	45·2	47·2	44·6	47·3	42·7	44·9	42·1	42·1	40·6	43·8	40·9	42·3	40·1	53·9	40·3	60·8	43·2	10	10	10	8	10
22	44·9	42·7	44·6	42·8	47·9	46·8	50·1	49·2	53·9	51·2	53·2	48·7	52·7	48·0	54·9	42·0	51·5	38·3	10	10	10	10	10
23	46·7	43·7	46·0	43·1	–	–	44·9	43·2	–	–	41·0	39·2	39·9	38·2	52·4	38·9	50·2	41·9	10	10	10	10	10
24	38·3	35·9	38·1	35·8	36·7	35·1	39·9	36·1	39·0	36·7	35·0	33·7	34·6	33·1	42·2	34·8	70·4	31·0	7	10	4	8	5
25	41·1	38·0	42·9	38·6	40·9	38·0	41·2	37·8	38·1	35·1	35·9	34·1	35·0	34·0	43·6	33·0	70·0	27·3	7	6	6	10	10
26	35·2	34·1	35·4	34·7	37·1	35·2	37·8	35·1	35·0	32·7	27·7	26·1	27·0	23·7	41·0	26·2	77·5	31·9	10	10	4	0	0
27	23·1	22·1	22·8	21·9	25·3	24·2	29·1	26·9	26·8	24·9	24·2	21·9	25·2	23·7	32·9	**20·6**	–	–	0	0	1	10	10
28	30·1	28·6	30·1	27·9	30·1	29·9	31·0	30·7	30·9	30·2	31·9	31·2	32·0	31·6	32·1	24·8	–	**17·5**	10	10	10	10	10
29	33·7	32·1	35·7	32·2	37·1	33·9	38·1	34·2	37·8	34·7	39·6	35·1	40·8	35·8	41·2	32·0	60·2	31·0	9	10	0	10	10
30	44·4	42·0	45·7	43·3	–	–	47·9	45·9	–	–	49·9	49·3	50·8	49·9	50·9	37·2	50·0	35·3	10	10	10	10	10
MEAN	42·0	39·6	42·7	40·1	–	–	44·5	41·6	–	–	42·5	40·5	42·4	40·4	47·9	37·9	[67·4]	[34·7]	7·8	8·1	7·6	7·7	7·4

STEVENSON SCREEN. TEMPERATURE AND AMOUNT OF CLOUD. DECEMBER 1890.

	Temperature—Dry and Wet Bulbs.														Max.	Min.	Black Bulb.	Radn. Min.	Amount of Cloud, 0 to 10.				
	9h		10h		12h		14h		16h		21h		22h						9h	10h	14h	21h	22h
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.									
1	51·3	50·8	51·6	50·9	51·9	51·1	51·1	50·8	50·9	50·7	51·0	50·8	51·6	51·0	53·2	48·2	56·0	49·0	10	10	10	10	10
2	49·2	49·1	49·7	49·6	49·8	49·3	49·1	48·1	48·8	47·9	45·7	44·7	45·8	43·8	51·8	43·3	51·8	47·8	10	10	10	4	10
3	37·9	34·9	37·9	34·7	38·2	35·7	40·0	36·8	40·1	36·9	36·9	34·5	36·7	33·2	47·6	35·8	64·9	33·6	6	8	10	3	3
4	36·7	35·1	36·1	34·9	37·8	36·0	39·2	37·0	38·1	36·6	39·4	36·8	39·5	36·8	40·2	34·0	65·3	29·3	10	8	3	7	8
5	42·1	36·0	42·0	36·1	41·8	35·8	41·8	36·0	41·0	35·9	38·8	35·0	37·1	34·0	43·8	37·0	71·6	–	10	9	7	6	2
6	31·2	29·9	30·8	29·2	35·1	32·9	34·9	32·7	34·7	32·6	34·9	33·2	35·1	33·8	38·0	30·0	66·0	23·7	1	1	4	6	3
7	30·9	30·1	33·2	31·9	–	–	35·8	34·2	–	–	39·4	34·7	36·7	33·0	41·0	28·0	41·8	22·2	8	8	10	5	6
8	32·8	30·0	32·9	30·2	35·2	32·8	36·7	33·5	39·1	35·0	37·1	34·9	39·7	35·5	40·5	31·8	60·2	26·8	3	6	7	2	0
9	41·1	38·0	41·3	38·3	38·9	37·9	35·7	34·2	36·0	32·7	29·8	27·9	29·2	27·6	42·9	28·0	41·3	23·6	10	10	10	3	0
10	30·1	31·7	31·0	29·0	34·0	31·8	33·9	32·0	31·9	30·9	34·8	32·3	35·0	32·8	35·0	27·3	48·8	22·4	6	5	5	10	6
11	44·1	41·1	43·9	41·1	45·2	42·4	44·1	41·8	43·1	40·3	43·6	40·9	42·6	40·1	46·0	33·3	50·5	–	9	10	10	10	10
12	38·1	37·8	36·0	35·0	40·3	38·9	41·9	39·7	40·9	39·0	39·2	38·0	39·3	38·2	42·6	34·1	48·4	30·6	6	6	10	10	10
13	35·8	34·8	35·9	34·9	37·7	35·8	38·0	34·3	36·9	33·4	35·6	33·1	36·0	33·0	40·2	34·5	60·6	30·5	6	6	9	7	8
14	41·0	38·8	41·8	39·1	–	-	42·7	40·0	–	–	44·1	39·9	43·8	39·1	45·7	34·8	44·2	32·5	10	10	10	3	2
15	40·2	38·2	40·2	38·7	44·0	39·9	42·1	39·7	42·7	39·8	42·9	38·0	42·8	38·1	44·9	38·4	–	38·2	9	9	3	4	8
16	36·9	32·9	35·4	32·4	39·6	33·9	39·9	34·3	36·9	32·5	34·7	31·9	35·8	31·9	43·6	32·0	65·5	31·0	1	1	0	1	1
17	34·3	30·7	36·9	32·3	38·1	33·6	37·5	32·8	34·9	30·8	38·1	33·9	37·9	33·8	39·1	31·0	43·7	24·7	2	5	8	9	8
18	33·8	31·8	33·3	31·8	33·9	31·3	32·9	29·8	31·7	29·6	33·6	28·6	33·9	30·2	38·4	30·6	55·2	27·0	5	3	5	8	10
19	33·2	[30·8]	31·9	31·9	31·1	30·7	31·7	30·6	31·0	30·3	32·9	31·3	33·7	31·6	38·2	30·2	36·7	30·1	10	10	10	10	10
20	36·7	35·6	36·4	35·4	37·9	36·7	37·0	36·0	37·9	36·4	33·9	33·4	33·2	32·4	38·4	32·2	44·2	30·8	8	8	9	5	6
21	28·7	27·9	29·8	28·8	–	–	33·8	32·1	–	–	37·5	34·9	37·0	34·8	39·3	26·9	58·6	19·2	10	10	9	10	9
22	39·7	36·8	40·8	39·8	42·9	39·1	42·9	39·7	42·6	39·7	43·8	40·7	44·0	41·0	45·0	35·0	46·8	30·2	9	10	10	10	10
23	45·3	44·4	44·6	43·2	46·2	43·9	46·9	43·1	42·6	40·1	38·1	36·8	37·9	36·0	48·0	37·0	75·1	40·0	10	9	3	5	3
24	35·6	34·7	36·8	36·0	37·9	37·1	39·9	38·9	39·7	38·8	39·5	38·5	39·7	38·7	40·8	31·9	41·6	28·9	8	9	10	10	10
25	40·0	38·8	40·2	39·1	41·1	39·7	40·9	39·6	40·7	38·6	37·6	33·8	39·8	35·0	43·5	35·2	64·0	–	10	10	7	3	2
26	32·0	30·0	32·3	30·3	35·0	32·8	37·2	34·7	36·1	33·9	31·7	28·7	30·9	29·4	39·3	29·7	61·7	23·8	2	1	4	0	0
27	35·9	32·8	35·9	33·0	38·0	34·1	37·1	34·7	39·0	35·0	36·9	34·2	38·1	35·2	39·4	29·0	62·8	22·2	3	4	9	10	10
28	37·6	34·1	38·8	34·1	–	–	38·9	34·6	–	–	36·2	33·1	36·3	33·7	48·3	35·0	68·8	29·0	6	9	8	10	10
29	27·6	26·4	27·2	26·2	31·2	29·1	34·8	31·9	33·7	33·1	35·4	32·1	34·8	32·6	37·4	26·0	68·1	20·9	0	0	5	10	9
30	35·0	32·0	34·7	31·7	38·4	33·8	37·0	32·9	33·1	30·3	36·1	32·2	36·7	32·6	39·5	32·5	65·0	21·0	1	3	4	2	1
31	38·7	34·1	38·7	32·9	40·7	34·2	39·9	34·9	39·3	34·0	39·7	34·6	39·7	34·7	42·1	31·1	69·2	25·9	1	2	7	1	6
MEAN	37·2	35·2	37·4	35·2	–	–	39·2	36·5	–	–	38·0	35·3	37·9	35·3	42·1	33·0	[56·6]	–	6·5	6·8	7·3	6·3	6·2

JANUARY 1890.

	Barometer reduced to 32° and Sea Level.					Temperature—Dry and Wet Bulbs.										S. R. Thermometers. Read at		Direction and Force of Wind (0–12).		Amount of Cloud (0–10).			Rainfall.
	8h	9h	14h	18h	21h	8h		9h		14h		18h		21h		18h	9h	9h	21h	9h	14h	21h	9h
	Ins.	Ins.	Ins.	Ins.	Ins.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n. Force.	Dir'n. Force.				Ins.
1	0·120	0·128	0·144	0·128	0·094	43·2	41·9	43·9	42·1	45·2	42·9	44·0	41·1	43·0	39·2	45·8	39·3	SW 1–2	SW 2–3	10	10	8	·042
2	9·900	9·900	9·841	9·784	9·728	44·0	41·9	43·2	41·2	43·9	41·1	41·0	37·9	41·2	38·2	46·8	40·3	SW 2–3	SW 1–2	10	8	0	·010
3	9·534	9·534	9·426	9·437	9·412	43·0	37·9	40·2	38·7	41·8	40·1	41·0	40·1	42·8	39·9	43·8	31·2	S 7	SW 1	10	10	10	·570
4	9·419	9·422	9·442	9·422	9·313	39·0	38·9	39·0	38·3	41·8	39·9	36·1	34·0	39·0	35·0	43·1	38·3	SW 0·5	E 0·3	10	6	6	·320
5	8·980	8·977	9·101	9·143	9·244	49·3	44·2	47·9	44·1	46·2	42·3	47·7	42·7	43·3	40·9	50·1	34·2	SW 5–6	SW 5–6	8	9	10	·640
6	9·707	9·756	9·624	9·701	9·729	46·0	42·9	46·0	42·7	48·0	45·1	51·2	48·9	49·8	48·8	51·7	42·1	SW 2	SW 1–2	10	10	10	1·202
7	9·637	9·690	9·800	9·848	9·912	47·0	45·7	46·0	44·9	47·3	44·5	47·0	43·9	45·0	41·9	52·7	45·3	SW 1	SW 2–3	10	6	9	·402
8	9·897	9·889	9·669	9·499	9·457	45·4	43·9	45·4	43·1	49·4	45·7	46·0	44·5	43·2	42·1	50·7	42·3	E 0·3	SW 2–3	6	10	10	·650
9	9·783	9·802	9·723	9·532	9·413	44·8	39·9	43·8	40·0	43·8	42·9	42·2	41·2	46·2	44·1	46·8	42·5	WSW 1–2	SW 0·3	9	10	10	1·176
10	9·594	9·657	9·950	0·027	0·160	42·2	41·9	42·2	41·1	43·9	42·1	37·0	35·8	36·1	35·8	47·7	41·3	E 1	E 0	10	7	4	·212
11	9·905	9·891	9·817	9·798	9·750	42·2	42·1	43·0	42·5	48·1	47·9	48·7	48·2	50·0	48·6	49·7	34·6	SW 1–2	SW 2–3	10	10	10	1·110
12	9·916	9·957	0·008	9·914	9·818	45·0	40·1	43·2	40·9	46·0	42·9	43·1	40·9	45·0	41·9	49·2	40·1	WSW 1–2	SW 3–4	8	4	10	1·328
13	9·607	9·642	9·732	9·808	9·814	44·8	41·7	44·3	38·9	43·2	39·2	41·3	38·0	40·4	38·9	51·7	40·1	SW 3–4	S 2–3	5	8	10	·402
14	9·706	9·667	9·311	9·252	9·526	45·0	42·1	45·0	41·8	47·0	46·9	46·0	44·2	41·0	37·9	48·7	38·8	SW 2–3	SW 2–3	10	10	10	**2·465**
15	9·834	9·834	9·772	9·694	9·667	41·0	38·7	40·2	38·2	43·0	38·9	44·0	43·2	43·0	42·7	46·8	36·0	SW 1	SW 1–2	10	9	10	·270
16	9·624	9·627	9·614	9·584	9·558	53·2	48·9	53·8	49·8	54·3	50·6	53·0	49·7	53·0	48·9	**56·7**	42·3	SW 3–4	SW 2–3	9	10	10	·312
17	9·619	9·661	9·642	9·550	9·512	47·0	42·1	46·6	42·1	46·4	41·1	45·4	40·1	43·4	40·7	54·7	45·8	SW 2–3	SW 1–2	7	9	7	·143
18	8·981	8·995	9·075	8·719	8·638	44·0	41·9	44·1	42·4	41·1	37·7	44·8	42·2	45·3	41·9	48·0	41·3	SW 3–4	SW 5–6	10	9	10	1·360
19	8·483	8·423	8·707	8·795	8·872	42·0	41·9	41·3	40·2	43·8	39·9	42·0	38·9	38·1	36·6	48·7	37·2	SW 5–6	SW 1–2	10	10	10	·642
20	9·022	9·033	9·000	9·094	9·122	33·9	33·8	33·9	33·8	33·9	32·8	32·9	32·7	35·2	33·2	43·8	33·2	SW 1–2	SW 2	10	10	10	·624
21	9·129	9·114	9·014	8·893	8·943	35·9	33·8	35·7	34·0	37·3	35·8	39·0	36·9	37·0	36·0	39·8	32·2	SW 2–3	SW 1	10	10	9	·180
22	8·821	8·826	8·906	8·924	8·938	33·9	32·8	33·8	32·7	37·8	35·9	35·9	35·0	35·5	34·9	39·8	32·5	E 0	SW 1–2	10	6	10	·260
23	8·866	8·895	8·991	9·047	9·150	28·9	28·8	26·2	26·1	30·5	28·9	30·2	29·4	31·2	31·1	37·8	**25·2**	E 0·3	E 0	0	9	10	·330
24	9·359	9·390	9·422	9·376	9·318	37·0	36·0	38·0	36·9	40·2	38·7	39·0	37·2	41·2	38·9	41·8	28·7	SW 1–2	SW 0·3	10	10	10	·940
25	8·767	8·743	8·750	8·677	8·793	50·2	45·9	50·0	45·4	44·9	43·0	43·8	42·8	46·0	43·9	51·5	37·2	SW 7–8	SW 7–8	9	10	10	1·790
26	9·195	9·202	9·268	9·268	9·292	43·2	40·2	42·2	39·5	42·1	37·6	39·7	37·0	37·2	35·8	48·0	39·1	SW 5–6	SW 1	10	9	6	·642
27	9·466	9·514	9·730	9·864	9·903	41·2	38·5	38·2	36·8	40·2	38·2	37·2	38·7	35·9	33·8	43·8	36·2	SW 2–3	W 1	10	8	1	·033
28	9·927	9·941	9·983	0·089	0·134	32·9	31·8	32·9	38·7	38·3	35·8	34·0	32·8	34·3	31·9	39·0	31·5	E 0·3	NE 1	3	7	10	·120
29	0·257	0·269	0·252	0·220	0·216	36·1	34·0	36·7	35·1	41·0	38·9	39·2	38·9	41·0	39·9	41·8	32·0	S 0	SW 1	9	10	10	·320
30	0·169	0·169	0·163	0·170	0·178	45·3	44·9	44·9	44·5	47·9	47·4	49·0	48·1	47·0	46·9	49·7	38·3	SW 1–2	SW 1	10	10	10	·983
31	0·194	0·258	0·257	0·250	0·235	48·0	47·9	48·9	48·2	49·8	47·4	43·0	41·1	44·4	43·6	50·7	44·1	SW 0·5	SW 0	9	4	10	·195
Mean	9·530	9·542	9·553	9·532	9·543	42·4	40·2	42·0	40·2	43·5	41·0	42·1	40·2	41·8	39·8	47·1	37·5	2·30	2·11	8·8	9·0	8·7	19·673

FEBRUARY 1890.

	Ins.	Ins.	Ins.	Ins.	Ins.	Dry.	Wet.	Dry.	Wet	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n. Force.	Dir'n. Force.				Ins.
1	9·959	9·941	9·844	9·806	9·823	46·2	45·7	45·3	44·9	45·8	45·2	43·0	40·9	40·0	38·9	47·7	42·3	SW 2	SW 1–2	10	10	10	0·502
2	9·922	9·957	0·072	0·116	0·149	37·0	34·8	37·2	35·0	41·8	39·0	43·0	40·9	44·8	43·0	44·0	35·2	SW 1	SW 2–3	6	9	10	·120
3	0·214	0·233	0·210	0·146	0·114	46·0	44·9	46·0	44·9	45·2	44·2	44·1	43·8	44·0	43·7	47·5	33·3	SW 0·5	SW 1	9	10	10	**·632**
4	0·016	0·043	0·085	0·122	0·144	43·8	42·1	42·8	40·9	44·5	39·2	38·0	35·0	35·9	33·8	46·8	42·3	W 0·3	N 0·3	7	7	2	–
5	0·210	0·218	0·235	0·258	0·269	35·7	34·8	35·2	34·6	41·0	39·7	40·2	39·7	39·0	38·1	41·8	32·0	WSW 1	SW 0·3	6	8	8	·020
6	0·323	0·325	0·346	0·383	0·416	35·9	35·8	36·7	36·0	42·4	40·7	41·0	39·1	40·4	38·3	44·8	35·2	E 0·3	SSW 0·3	8	9	10	–
7	0·523	0·530	0·519	0·497	0·502	30·9	30·6	31·8	31·0	44·0	40·9	34·9	33·8	33·1	32·8	43·8	29·2	E 0	E 0·3	1	1	8	–
8	0·447	0·465	0·415	0·387	0·355	30·9	30·3	30·9	29·9	41·0	37·9	34·9	33·1	31·7	30·8	41·8	30·2	SE 0	E 0	0	0	0	–
9	0·294	0·288	0·257	0·275	0·302	27·4	27·1	28·9	28·6	41·0	35·8	37·0	33·0	31·9	30·8	42·8	**25·7**	W 0·3	E 0·3	2	0	0	–
10	0·298	0·302	0·235	0·247	0·262	29·1	28·6	29·1	28·6	40·1	34·9	37·2	32·8	34·1	31·0	40·8	27·5	E 1	E 0·5	2	0	1	–
11	0·240	0·234	0·153	0·127	0·077	29·7	28·8	30 9	29·1	47·0	41·7	42·0	37·4	39·3	35·0	48·7	27·2	NE 1	SE 1–3	0	0	0	–
12	9·926	9·932	9·824	9·804	9·772	40·0	34·4	40·0	34·0	44·0	36·6	38·8	33·6	37·8	33·6	43·8	32·6	SE 2	SE 1	0	1	3	–
13	9·778	9·777	9·756	9·786	9·789	39·0	34·6	38·6	34·6	41·3	35·0	33·2	32·1	32·9	31·8	41·8	34·2	SE 1–2	S 0·5	9	3	3	·013
14	9·860	9·861	9·867	9·891	9·899	35·1	31·8	34·9	31·7	40·3	35·1	35·9	32·8	32·9	30·8	41·8	31·8	NE 1	E 0	9	7	1	–
15	9·905	9·908	9·817	9·754	9·694	28·9	27·8	30·9	29·6	38·4	35·6	38·0	36·0	38·0	36·4	39·8	27·0	E 0	NE 1–2	8	9	10	·030
16	9·556	9·558	9·570	9·614	9·676	35·9	34·8	35·9	34·8	38·0	37·1	37·0	36·0	34·9	34·1	38·8	34·2	N 1–2	S 0	10	10	0	·003
17	9·839	9·862	9·904	9·939	0·020	42·2	39·8	44·0	39·8	48·0	40·9	44·0	39·9	42·2	39·9	48·7	33·4	S 1	SW 1–2	10	7	6	·100
18	0·189	0·225	0·256	0·268	0·290	43·8	40·1	43·8	39·9	43·8	40·0	43·0	39·7	42·0	38·9	44·8	41·3	ENE 2–3	E 1	9	9	4	–
19	0·308	0·298	0·246	0·233	0·184	42·0	37·9	43·8	38·9	46·0	39·1	41·0	35·8	40·2	36·0	47·7	41·1	NE 2–3	S 5–6	9	9	3	·010
20	0·103	0·077	0·047	0·012	0·013	38·0	36·1	38·8	36·1	38·4	35·9	39·0	34·8	38·0	34·8	41·8	37·5	SW 1	SE 1	10	10	6	·010
21	0·066	0·082	0·139	0·186	0·239	37·8	36·0	38·2	36·6	42·2	39·7	40·6	38·9	39·0	37·9	42·8	36·2	NE 0	SE 0	10	10	1	–
22	0·439	0·439	0·492	0·540	0·580	39·2	38·2	40·0	38·9	44·8	41·9	43·0	41·9	43·0	40·9	45·8	37·2	SW 0·3	SW 1	10	9	10	·020
23	0·678	0·694	0·721	0·731	0·740	44·0	43·9	44·8	44·5	48·0	46·5	47·0	45·9	46·0	44·9	**50·7**	41·3	SW 0	S 0–3	10	9	8	·005
24	0·708	0·696	0·679	0·709	0·713	42·5	42·4	43·2	42·9	50·0	46·0	43·2	41·1	40·0	38·9	**50·7**	41·8	E 0·3	E 0	9	3	0	–
25	0·675	0·677	0·598	0·554	0·533	35·9	34·8	39·0	37·9	48·0	44·1	43·0	40·7	41·0	38·9	48·7	33·7	NE 0·3	NE 2–3	9	0	5	–
26	0·517	0·533	0·667	0·691	0·723	42·2	40·4	42·8	41·0	40·3	35·2	37·0	32·8	36·7	31·6	43·8	37·2	NE 3–4	NE 2	8	8	10	–
27	0·633	0·617	0·601	0·641	0·615	32·9	30·6	35·1	31·8	39·5	33·8	35·2	32·1	31·9	29·8	40·8	32·2	E 0·3	E 0·3	8	9	8	–
28	0·552	0·527	0·403	0·335	0·178	31·9	31·0	32·7	31·8	39·5	34·8	38·0	35·8	37·0	35·8	40·8	29·8	SW 0	SW 1–2	8	9	10	·200
Mean	0·221	0·225	0·213	0·216	0·216	37·3	35·6	37·9	36·0	43·0	39·2	39·7	37·1	38·1	36·1	44·4	34·4	0·79	1·02	7·0	6·3	5·2	1·665

MARCH 1890.

	Barometer reduced to 32° and Sea Level.					Temperature—Dry and Wet Bulbs.										S. R. Thermometers. Read at		Direction and Force of Wind (0–12).				Amount of Cloud (0–10).			Rainfall.
	8h	9h	14h	18h	21h	8h		9h		14h		18h		21h		18h	9h	9h		21h		9h	14h	21h	9h
	Ins.	Ins.	Ins.	Ins	Ins.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n.	Force.	Dir'n.	Force.				Ins.
1	0·161	0·167	0·166	0·233	0·280	32·7	30·3	31·8	30·6	40·0	35·1	33·5	31·8	29·7	28·1	40·9	30·5	E	1	E	0	1	2	0	–
2	0·459	0·462	0·473	0·480	0·560	23·9	23·2	22·9	20·8	39·3	32·6	32·7	29·5	27·9	26·8	40·5	**21·2**	E	0·3	E	0	0	0	7	–
3	0·568	0·553	0·442	0·429	0·383	27·1	26·2	30·7	29·1	35·9	35·0	37·0	36·0	38·0	37·9	37·8	22·2	SW	0·3	SW	1	10	10	10	0·430
4	9·964	9·926	9·739	9·720	9·772	44·0	43·7	45·0	43·9	48·4	44·4	44·1	38·8	41·0	37·1	48·6	30·6	SW	1–2	WSW	2–3	10	8	10	·250
5	9·879	9·882	9·739	9·710	9·662	41·3	35·8	40·9	36·7	46·5	43·2	45·8	40·7	48·0	45·1	48·7	37·1	W	1–2	WSW	3–4	10	10	10	·428
6	9·618	9·644	9·693	9·579	9·507	44·0	40·2	44·8	40·0	43·8	40·4	43·0	40·1	44·0	41·9	48·8	44·3	W	2–3	WSW	1–2	7	10	10	·418
7	9·414	9·447	9·216	9·183	9·328	39·9	37·7	39·8	37·9	41·9	41·0	43·0	39·9	34·7	33·0	49·7	39·3	SW	1	N	1	10	10	2	·670
8	9·270	9·214	9·050	9·194	9·338	35·7	33·6	36·2	34·6	33·9	33·8	33·9	32·8	33·1	31·6	47·7	34·2	SW	1	E	1–2	10	10	8	·200
9	9·755	9·772	9·899	9·929	9·809	26·7	25·8	30·2	29·0	37·8	31·8	34·9	32·6	34·7	33·6	37·8	23·2	SW	0	SW	1–2	10	4	10	·248
10	9·684	9·700	9·677	9·635	9·624	44·8	42·9	45·8	43·9	46·4	45·9	51·0	49·4	51·0	48·9	52·7	30·2	SW	1–2	SW	5–6	7	10	10	**1·628**
11	9·724	9·758	9·848	9·891	9·903	48·0	46·9	47·2	46·7	48·0	46·9	50·0	49·5	50·0	49·1	52·3	45·1	SW	1–2	SW	1–2	10	10	10	·972
12	9·865	9·865	9·881	9·804	9·731	49·8	47·9	49·2	48·1	50·0	46·2	46·5	45·4	47·0	45·9	52·7	46·3	WSW	2–3	SW	2–3	10	10	10	1·592
13	9·538	9·533	9·545	9·616	9·615	45·2	44·9	45·5	45·0	46·3	41·2	43·0	38·9	40·0	37·9	48·7	44·3	WSW	3–4	WSW	2	10	9	9	·258
14	9·613	9·602	9·527	9·465	9·398	40·2	37·7	41·2	38·1	46·4	41·7	44·0	39·1	43·0	38·9	49·7	37·5	SW	2–3	SW	2–3	6	7	5	·200
15	9·155	9·152	9·172	9·190	9·189	43·0	40·9	42·8	40·9	40·8	39·9	37·5	36·9	34·9	34·8	46·8	41·1	SW	2–3	S	1	10	10	10	1·602
16	9·040	9·037	9·066	9·007	9·071	46·0	43·9	48·0	44·5	52·8	46·4	42·3	41·3	39·4	38·6	55·0	34·4	SSW	1–2	SW	1	10	10	10	·438
17	9·237	9·237	9·250	9·284	9·302	37·8	36·8	39·3	38·2	45·0	38·4	41·2	38·0	35·9	34·0	46·8	36·2	S	0	E	0	10	9	0	·190
18	9·396	9·402	9·478	9·536	9·586	33·9	33·1	33·2	32·8	37·3	36·9	40·0	38·9	38·8	37·7	41·8	32·5	SSW	1	NE	0·3	10	10	1	·235
19	9·762	9·765	9·751	9·750	9·786	33·9	32·8	34·9	33·6	48·0	41·1	42·3	41·3	37·0	35·0	55·0	32·4	ENE	0·3	NE	0·5	2	1	0	·010
20	9·704	9·680	9·534	9·450	9·428	38·5	36·3	39·6	37·4	42·8	40·9	39·0	38·2	37·0	36·0	43·5	31·2	NE	1	NE	0·5	8	10	9	·110
21	9·466	9·490	9·524	9·622	9·592	39·2	38·7	40·2	39·2	44·6	41·8	43·0	42·7	42·8	42·1	44·8	36·2	ENE	0·3	SW	1	10	10	10	·100
22	9·563	9·561	9·499	9·464	9·462	40·6	40·2	41·0	40·4	45·8	41·7	43·0	41·6	42·2	41·1	48·2	37·2	N	0	SW	1	10	10	8	·088
23	9·540	9·534	9·539	9·563	9·556	40·9	39·7	41·9	39·9	48·4	43·9	44·0	41·5	36·7	35·5	49·7	37·2	SW	1	NE	0	6	5	0	·013
24	9·372	9·348	9·224	9·157	9·162	39·3	36·6	42·9	38·7	47·5	41·2	47·0	40·8	45·3	39·7	49·0	36·2	NE	0	E	0·5	9	10	10	–
25	9·257	9·282	9·341	9·389	9·377	43·0	39·4	43·9	40·0	52·8	45·4	46·0	42·3	43·8	41·9	53·7	40·4	E	1–2	S	0·3	9	7	10	·238
26	9·340	9·337	9·453	9·607	9·655	41·2	39·8	44·0	41·7	49·0	42·2	42·5	40·1	44·0	41·7	49·0	40·2	SW	1–2	SW	1–2	9	8	8	·263
27	9·611	9·640	9·734	9·798	9·790	47·5	44·4	48·5	43·7	49·8	44·2	48·0	44·1	42·0	39·9	52·7	42·8	SW	2	S	0·5	8	9	5	·020
28	9·858	9·866	9·870	9·870	9·870	41·2	39·9	44·1	42·2	49·0	46·9	47·0	45·1	45·0	42·9	51·7	39·3	S	0	SW	1	10	10	10	·112
29	9·758	9·742	9·731	9·748	9·798	42·8	41·1	44·0	42·0	50·4	46·2	48·8	44·1	46·0	43·9	51·6	41·8	SW	1–2	SW	1–2	7	9	10	·403
30	9·991	0·002	0·072	0·129	0·178	41·0	36·6	42·6	37·9	49·3	43·9	46·8	43·8	42·3	39·9	50·2	39·8	W	1–2	[SW	1]	8	5	7	·010
31	0·321	0·319	0·280	0·256	0·265	33·9	33·3	39·3	37·9	53·0	45·0	49·3	44·6	42·0	39·4	**55·1**	31·4	N	0	SE	0·5	0	3	3	–
Mean	9·674	9·675	9·658	9·667	9·677	39·6	37·8	40·7	38·6	45·5	41·5	42·9	40·3	40·6	38·7	48·4	36·0		1·20		1·25	8·0	7·9	7·2	11·126

APRIL 1890.

	Ins.	Ins.	Ins.	Ins.	Ins.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n.	Force.	Dir'n.	Force.				Ins.
1	0·245	0·227	0·208	0·196	0·196	42·9	40·4	43·8	40·9	49·0	45·0	48·0	45·5	47·0	44·9	53·3	34·8	WSW	1–2	SW	1	8	9	9	–
2	0·169	0·156	0·099	0·075	0·080	40·8	40·0	46·1	43·9	55·1	48·9	51·0	45·9	45·0	41·2	55·9	38·4	W	0	W	0·3	0	10	0	–
3	0·154	0·164	0·133	0·130	0·135	38·2	36·8	42·5	39·9	54·8	44·7	52·0	45·7	43·0	39·9	56·8	34·2	Calm	0	Calm	0	1	0	0	–
4	0·148	0·139	0·095	0·095	0·092	34·4	33·6	42·3	39·8	54·0	46·7	48·1	44·4	46·0	43·9	54·7	30·5	W	0·5	SW	1–2	0	1	10	–
5	0·114	0·120	0·042	9·978	9·926	41·1	39·1	44·0	41·2	53·2	49·4	47·1	41·7	44·4	39·6	53·9	37·0	W	1	SW	1–2	5	1	10	·150
6	9·754	9·731	9·612	9·444	9·363	41·0	39·9	43·2	41·4	47·6	45·9	45·4	43·6	44·7	43·2	50·7	37·2	SW	1–2	SW	1–2	8	9	10	**·820**
7	9·324	9·382	9·546	9·616	9·628	43·0	40·0	45·0	41·2	44·5	40·2	41·0	38·2	42·1	37·8	49·5	41·3	W	0	W	2–3	6	4	1	·092
8	9·751	9·759	9·862	9·905	9·954	41·0	35·8	42·3	36·8	44·2	40·2	42·9	38·1	40·3	35·8	45·4	36·2	NE	2–3	NE	1	9	3	8	–
9	9·942	9·938	9·831	9·778	9·768	40·0	34·8	41·0	35·6	46·0	39·4	43·0	37·9	41·0	37·4	48·7	36·3	NW	1	N	1–2	8	9	9	·010
10	9·869	9·871	9·869	9·904	9·957	38·0	35·6	42·0	38·7	43·0	39·9	43·1	39·1	38·0	34·8	47·7	32·2	SW	1	E	1	8	10	6	·060
11	0·012	0·012	9·973	9·936	9·938	38·2	34·8	40·8	36·0	46·0	38·9	46·0	38·9	35·9	33·0	48·7	33·2	NE	0·3	NE	0·3	8	9	0	–
12	9·833	9·833	9·756	9·731	9·722	34·7	32·8	37·4	34·8	45·3	37·7	43·0	37·9	35·9	33·0	46·8	29·4	N	0	E	1	8	9	2	–
13	9·706	9·700	9·608	9·591	9·607	32·9	31·0	36·7	32·1	48·8	39·5	46·2	38·0	41·4	35·2	50·4	**26·2**	N	0	SE	1	0	4	1	–
14	9·666	9·660	9·627	9·603	9·653	37·3	33·6	39·3	34·8	52·3	43·5	48·0	41·6	43·4	39·3	54·1	30·4	N	0	E	1–2	10	3	6	–
15	9·644	9·656	9·631	9·601	9·644	42·1	36·9	45·3	38·9	52·0	44·8	48·0	40·9	44·0	37·9	52·7	36·2	SE	1	SE	2–3	0	2	9	–
16	9·663	9·669	9·646	9·668	9·683	46·8	41·7	52·8	44·8	55·8	47·5	51·0	44·9	46·8	42·9	57·8	39·3	W	0·3	SE	2	4	4	9	–
17	9·705	9·713	9·725	9·752	9·804	47·0	41·4	48·2	42·3	52·0	44·7	49·4	42·9	45·0	40·0	54·7	42·1	S	2–3	E	0·3	4	7	1	–
18	9·914	9·914	9·907	9·938	9·963	42·3	38·9	45·9	41·0	55·0	46·7	51·0	43·9	42·0	38·9	56·8	35·2	N	0	E	0·3	1	1	0	–
19	0·012	0·003	9·987	0·019	0·031	40·0	37·9	46·0	40·9	53·0	44·6	46·8	40·9	44·2	39·2	54·0	34·2	N	0	S	1–2	1	4	10	–
20	0·011	0·001	9·986	9·942	9·952	44·5	39·7	45·1	40·0	47·6	42·9	46·2	44·0	45·3	44·6	50·1	40·4	SW	0·5	SW	1	10	10	10	·196
21	9·742	9·640	9·698	9·726	9·705	52·2	47·7	51·2	47·9	52·5	46·4	48·6	45·3	46·0	44·1	55·0	40·5	SW	2–3	SW	1–2	10	9	10	·458
22	9·395	9·405	9·487	9·607	9·551	45·3	40·9	46·5	41·4	50·1	43·7	47·0	43·9	45·3	43·0	51·7	43·3	WSW	2–3	SW	2–3	9	9	10	·492
23	9·611	9·615	9·679	9·663	9·654	45·0	42·9	47·0	43·7	50·8	45·4	47·9	44·9	43·4	41·3	51·7	42·3	WSW	2–3	S	1–2	10	9	5	·240
24	9·546	9·543	9·474	9·439	9·407	45·3	42·9	43·2	41·7	49·5	43·2	44·6	41·5	41·0	39·2	51·7	41·1	WSW	1–2	SW	1	10	6	8	·180
25	9·372	9·372	9·370	9·395	9·456	42·0	39·7	42·8	40·4	44·1	41·0	44·4	41·6	41·0	40·0	49·5	37·2	SW	1	E	0	9	10	5	·085
26	9·728	9·737	9·824	9·873	9·913	45·2	42·1	46·7	42·9	49·0	44·9	48·2	44·1	43·0	41·0	47·7	37·8	ENE	1–2	W	0	7	9	4	·150
27	0·004	0·002	9·992	9·990	0·068	44·3	41·7	48·0	43·7	50·5	46·9	50·0	44·5	41·0	37·9	52·0	38·3	NE	1	NE	1–2	3	6	2	–
28	9·970	9·953	9·862	9·802	9·843	42·0	36·8	45·3	38·9	52·5	43·9	53·0	44·9	42·0	37·9	53·7	34·2	NE	1	NE	0·5	3	1	1	–
29	9·819	9·804	9·790	9·802	9·807	43·0	40·6	49·0	43·9	53·3	47·7	51·0	45·9	50·4	43·9	54·7	34·2	N	0·5	S	1	0	7	10	·120
30	9·884	9·898	9·928	9·922	9·944	47·0	45·9	47·5	45·9	53·8	50·7	54·0	49·7	56·2	46·7	**59·6**	44·3	N	0	E	0·3	10	10	8	·050
Mean	9·824	9·821	9·808	9·804	9·815	41·9	38·6	44·4	40·5	50·2	44·2	47·5	42·7	43·5	40·0	52·3	36·6		0·92		1·10	5·	6·2	5·8	3·104

MAY 1890.

	Barometer reduced to 32° and Sea Level.					Temperature—Dry and Wet Bulbs.										S. R. Thermometers. Read at		Direction and Force of Wind (0–12).		Amount of Cloud (0–10).			Rainfall.
	8h	9h	14h	18h	21h	8h		9h		14h		18h		21h		18h	9h	9h	21h	9h	14h	21h	9h
	Ins.	Ins.	Ins.	Ins.	Ins.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n. Force.	Dir'n. Force.				Ins.
1	9·992	9·986	9·970	9·933	9·958	53·0	47·9	58·0	49·4	65·2	51·2	61·7	51·7	52·0	43·9	67·1	46·1	S 0	S 1–2	0	1	0	–
2	9·852	9·828	9·727	9·733	9·778	47·3	43·7	51·8	45·7	62·7	50·0	51·0	48·9	47·6	45·9	64·8	**36·3**	N 0·5	SW 1	1	3	8	·143
3	9·849	9·836	9·763	9·758	9·774	49·0	45·4	52·9	48·1	60·9	51·9	57·9	49·9	54·0	47·0	61·8	40·3	N 0·3	NE 1–2	9	9	9	·010
4	9·789	9·774	9·735	9·695	9·738	48·8	45·7	49·8	46·1	69·3	59·1	63·9	54·7	53·3	49·4	71·6	42·3	NE 1–2	ESE 0·5	7	4	4	–
5	9·749	9·740	9·703	9·672	9·679	51·1	48·7	54·0	50·5	57·9	52·2	58·9	52·9	55·0	50·0	67·8	45·3	NE 1–2	NE 1–2	1	7	4	·010
6	9·671	9·661	9·665	9·642	9·655	52·5	49·4	56·1	51·7	58·9	51·9	55·8	50·9	54·0	48·1	62·8	48·0	NE 1	SSE 1–2	10	8	7	–
7	9·634	9·637	9·652	9·659	9·688	55·5	48·9	55·8	49·2	66·7	55·5	62·9	52·4	53·0	47·9	66·8	47·0	N 0·3	SE 1–2	9	2	2	–
8	9·757	9·761	9·757	9·779	9·784	51·3	47·9	53·0	48·9	59·9	52·9	53·0	50·9	52·0	49·9	61·8	43·8	NE 1	NE 1	2	7	7	·010
9	9·798	9·778	9·710	9·659	9·648	51·2	47·9	55·3	50·9	59·9	53·2	56·2	51·2	50·0	47·9	61·8	42·1	N 0·3	NE 1–2	2	10	5	–
10	9·544	9·536	9·488	9·526	9·534	53·0	48·7	54·1	48·5	57·0	50·7	53·6	48·9	50·8	47·9	60·8	46·5	NE 1–2	NE 1–2	9	10	10	·080
11	9·572	9·570	9·520	9·470	9·498	52·0	48·9	52·8	49·0	63·2	53·9	60·1	52·4	48·9	47·0	65·6	46·3	SSE 1–2	NE 1–2	9	8	10	·110
12	9·481	9·477	9·463	9·479	9·526	48·3	47·9	50·2	48·9	51·0	48·9	51·7	48·8	49·0	46·9	62·5	45·3	W 1	SW 0·5	10	9	10	·100
13	9·577	9·580	9·516	9·480	9·479	48·8	47·7	49·3	47·7	55·0	47·9	52·2	46·9	50·0	46·9	57·8	45·6	W 0·3	SW 1–2	6	6	10	·210
14	9·533	9·549	9·591	9·655	9·681	48·0	45·1	46·8	44·7	48·0	45·2	52·5	46·4	45·0	41·8	54·5	42·3	WSW 2	SW 2·3	8	3	1	·342
15	9·736	9·734	9·743	9·770	9·791	48·0	43·9	48·3	43·2	53·8	47·0	51·1	45·5	46·3	43·1	55·1	41·5	SW 1–2	S 0·3	10	6	7	·163
16	9·765	9·765	9·728	9·678	9·628	49·9	44·9	50·2	46·4	50·5	47·2	48·8	47·7	49·0	48·1	52·8	40·3	SW 2–3	S 0	9	10	10	·360
17	9·344	9·342	9·434	9·513	9·575	48·2	47·9	50·0	48·9	48·9	47·7	51·4	48·9	48·0	45·9	53·0	46·3	NE 0	SW 1–2	10	10	9	·120
18	9·671	9·679	9·685	9·721	9·760	53·5	47·9	55·5	49·4	57·7	51·2	52·0	51·2	51·0	48·7	62·0	42·3	SW 0·3	SE 0	9	10	10	·162
19	9·816	9·815	9·798	9·788	9·813	54·5	51·4	55·0	52·0	66·2	57·4	65·1	59·3	55·0	52·7	69·3	47·2	N 0	NE 1	9	6	6	·010
20	9·718	9·720	9·675	9·662	9·709	55·0	52·0	54·5	51·9	62·9	56·8	62·7	55·3	55·5	49·9	65·5	49·2	NE 2–3	S 1–2	9	9	7	·093
21	9·824	9·827	9·949	0·002	0·049	54·0	49·8	57·0	51·2	54·0	50·9	57·0	51·1	53·0	50·9	63·8	52·2	S 1–2	SW 1	7	9	9	·046
22	0·223	0·229	0·262	0·265	0·278	53·3	51·7	53·5	51·9	60·0	56·5	59·7	56·2	57·0	55·0	63·6	50·2	SW 1	S 0·3	10	10	7	–
23	0·287	0·260	0·200	0·166	0·174	59·9	57·0	63·9	58·9	70·2	62·1	71·0	61·2	63·9	56·0	76·6	51·2	N 0	Var. 1–2	0	7	4	–
24	0·242	0·240	0·173	0·140	0·160	59·9	53·9	64·2	46·1	78·2	64·2	74·9	62·0	60·0	54·4	**78·9**	46·3	W 0	SE 0	0	0	0	–
25	0·099	0·103	0·089	0·099	0·100	57·2	53·2	55·8	51·9	59·7	53·8	56·0	48·7	46·2	41·9	72·2	48·0	NE 2–3	NE 1–2	0	1	0	–
26	0·161	0·155	0·122	0·093	0·110	49·5	45·7	50·9	46·2	59·1	50·8	57·7	49·2	46·1	42·1	60·4	40·3	NE 2–3	NE 0·5	3	3	0	–
27	0·114	0·104	0·086	0·071	0·120	48·0	42·9	52·0	45·4	60·9	51·1	59·9	51·9	53·0	47·9	65·3	39·3	NE 2–3	NW 0–3	3	1	2	–
28	0·146	0·130	0·120	0·110	0·115	50·0	46·2	52·9	47·9	52·0	47·4	51·0	46·9	49·0	44·5	59·8	40·3	W 0·3	W 1–2	1	10	10	·273
29	9·962	9·962	9·915	9·865	9·830	51·3	49·8	51·0	49·5	49·8	48·7	49·0	48·7	46·0	45·1	52·6	45·3	W 2–3	N 0·3	10	10	9	**·364**
30	9·954	9·981	0·034	0·047	0·089	42·6	39·7	41·5	38·9	48·3	41·7	46·4	38·7	41·2	38·3	51·8	40·3	NE 1–2	W 1·2	8	7	6	·010
31	0·128	0·126	0·130	0·134	0·086	47·0	40·7	47·8	41·0	52·4	45·9	49·0	43·9	45·5	42·9	55·8	37·2	W 0·3	N 0·3	9	7	7	·200
Mean	9·838	9·835	9·819	9·812	9·832	51·3	47·8	53·0	48·4	58·7	51·8	56·6	50·8	51·0	47·4	62·8	44·3	1·10	1·03	6·1	6·5	6·1	2·816

JUNE 1890.

	Ins.	Ins.	Ins.	Ins.	Ins.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n Force.	Dir'n. Force.				Ins.
1	9·836	9·801	9·775	9·781	9·794	47·3	46·9	50·5	50·0	53·4	48·3	51·8	48·2	50·0	45·8	57·0	44·3	SW 1–2	WSW 1–2	10	10	10	–
2	9·784	9·771	9·589	9·534	9·528	48·9	45·9	49·9	46·6	51·2	50·9	54·0	53·2	52·2	51·9	55·6	45·8	SW 1–2	SW 2	10	10	10	**1·450**
3	9·555	9·550	9·542	9·432	9·296	51·8	51·5	52·5	52·2	53·0	52·7	53·7	50·9	51·2	49·9	55·2	48·5	SW 1–2	SW 2	10	10	10	1·250
4	9·544	9·572	9·642	9·668	9·658	52·0	49·9	52·0	49·7	55·0	52·7	51·8	50·9	52·0	50·9	56·8	49·4	SW 1–2	SW 1	10	9	10	·422
5	9·727	9·731	9·778	9·831	9·746	52·5	51·9	52·0	51·9	54·8	52·9	56·0	51·7	51·0	47·9	57·8	50·0	SW 1	SW 1	10	10	10	·460
6	9·685	9·736	9·920	0·022	0·110	49·2	47·9	48·8	46·1	53·5	46·1	54·0	45·9	49·0	42·9	57·8	48·0	NW 2–3	WSW 1–2	9	5	1	·082
7	0·274	0·277	0·318	0·333	0·359	48·5	45·2	51·8	46·2	54·8	47·1	55·3	47·7	46·2	42·9	57·8	40·5	SSW 0·5	S 0	8	5	0	–
8	0·208	0·175	0·015	9·920	9·863	48·0	44·7	53·3	48·9	61·3	52·2	55·8	51·4	54·5	51·2	63·8	**35·2**	N 0·3	S 0	1	10	10	·450
9	9·794	9·802	9·861	9·861	9·865	52·3	51·9	53·9	43·1	54·0	52·9	60·9	54·2	53·2	50·7	61·6	50·4	SW 1–2	SW 0·3	10	10	3	·022
10	9·784	9·763	9·693	9·688	9·611	57·0	52·2	59·0	53·2	62·2	56·0	62·2	57·9	59·9	51·9	**67·8**	48·4	SW 0·3	SE 1–2	9	10	9	·002
11	9·547	9·550	9·575	9·589	9·652	55·3	53·7	55·1	53·1	56·0	53·7	57·0	54·3	53·0	50·9	67·2	54·2	SW 0	NE 1–2	10	10	9	·050
12	9·817	9·827	9·930	0·012	0·080	52·5	49·9	53·5	51·2	62·1	56·3	56·0	52·9	53·0	51·0	62·7	49·2	NE 2	NE 1–2	9	6	6	–
13	0·240	0·253	0·281	0·299	0·324	54·2	52·1	56·3	52·2	63·2	54·9	58·9	52·9	51·2	47·9	64·8	48·4	ENE 1–2	ENE 1	9	4	9	–
14	0·359	0·351	0·320	0·317	0·358	51·8	46·7	52·0	47·7	62·5	59·9	59·4	53·1	51·0	48·9	63·2	46·3	NE 1–2	SW 1	10	5	5	·010
15	0·319	0·315	0·251	0·206	0·173	51·8	50·1	52·0	50·7	53·7	52·8	54·6	54·1	54·9	54·4	60·8	45·1	SW 1–2	SW 1	10	10	10	·360
16	9·970	9·968	9·937	9·870	9·863	55·0	54·7	55·5	54·2	57·1	53·7	53·7	52·8	51·4	50·7	59·6	53·2	SW 1–2	SW 1–2	10	9	10	·492
17	9·782	9·722	9·752	9·790	9·840	51·3	49·2	52·0	50·2	54·3	51·3	55·2	49·9	53·0	49·0	57·8	48·2	SW 1–2	SW 1–2	10	10	5	·170
18	9·930	9·928	9·862	9·834	9·878	52·5	49·1	53·0	50·1	52·8	51·9	54·6	53·7	53·4	51·7	57·8	48·4	SW 1	SW 1	9	10	10	·330
19	9·988	9·992	9·987	9·944	9·884	53·9	52·1	56·2	51·9	55·8	52·7	53·8	51·7	52·0	50·9	61·0	50·2	SW 1	SW 1	8	9	10	·150
20	9·804	9·808	9·863	9·892	9·912	53·8	51·3	56·0	51·1	57·9	51·0	55·0	49·9	51·0	47·9	59·8	50·2	SW 1–2	SW 1–2	9	8	10	·273
21	9·920	9·940	9·959	9·938	9·930	52·3	51·7	53·8	49·9	54·0	52·3	53·8	52·2	52·0	51·3	60·8	46·2	SW 1–2	SW 1	8	10	9	·113
22	9·961	9·965	9·993	0·037	0·052	54·0	51·1	55·8	52·2	56·0	53·7	63·1	56·5	54·0	52·6	63·8	50·3	WSW 0·5	SW 1	8	7	1	·040
23	0·059	0·049	0·024	0·055	0·068	54·8	54·2	55·2	55·0	56·2	55·9	56·0	53·2	52·0	48·7	59·0	51·2	SW 1–2	WSW 1–2	10	10	6	·102
24	0·049	0·055	0·037	9·927	9·824	55·8	50·9	55·9	50·2	55·2	51·9	53·5	52·0	52·8	51·9	61·3	49·2	WSW 1–2	SW 1	6	10	10	·910
25	9·829	9·844	9·923	9·971	9·989	53·0	48·7	53·9	47·8	59·4	51·2	56·2	49·9	51·4	48·3	60·8	50·1	WSW 2–3	SW 0·5	8	4	9	–
26	9·918	9·890	9·821	9·761	9·702	53·0	49·8	53·2	49·1	53·2	51·5	54·2	52·3	52·2	50·9	59·8	45·1	SW 1	SW 0·5	6	10	9	·110
27	9·620	9·616	9·636	9·638	9·696	52·3	49·9	54·0	49·7	51·5	48·1	57·8	51·1	52·4	49·7	60·0	46·5	WSW 1	E 1	4	8	6	·216
28	9·813	9·815	9·838	9·852	9·878	54·3	51·1	55·3	50·9	59·1	52·3	57·1	51·9	51·0	48·7	64·3	45·1	ENE 1	NE 0·3	8	2	3	–
29	9·815	9·799	9·693	9·585	9·509	52·2	48·8	54·3	49·8	59·0	51·1	56·2	50·3	54·0	49·3	61·0	43·3	W 1–2	SSE 1–2	2	3	10	–
30	9·288	9·264	9·285	9·332	9·383	54·9	50·4	55·2	50·8	57·0	51·1	57·8	50·8	54·2	49·3	58·7	53·2	E 0·5	NE 1–2	9	10	8	–
Mean	9·874	9·871	9·870	9·864	9·861	52·5	50·1	53·7	50·2	56·3	52·3	56·1	51·9	52·3	49·7	60·3	47·8	1·25	1·10	8·3	8·1	7·6	7·464

JULY 1890.

	Barometer reduced to 32° and Sea Level.					Temperature—Dry and Wet Bulbs.										S. R. Thermometers. Read at		Direction and Force of Wind (0-12).				Amount of Cloud (0-10).			Rainfall.
	8h	9h	14h	18h	21h	8h		9h		14h		18h		21h		18h	9h	9h		21h		9h	14h	21h	9h
	Ins.	Ins.	Ins.	Ins.	Ins.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n.	Force.	Dir'n.	Force.				Ins.
1	9·642	9·670	9·705	9·704	9·743	53·8	49·9	53·8	49·9	64·1	54·2	63·2	54·6	53·8	49·9	66·1	50·2	NE	2–3	NNE	1	9	2	7	–
2	9·713	9·729	9·707	9·703	9·707	54·2	50·1	54·4	49·3	55·0	52·7	57·4	53·6	51·0	50·1	64·0	46·3	NW	0·5	NE	0	9	9	9	·200
3	9·749	9·761	9·772	9·769	9·806	53·0	49·7	54·0	50·1	57·9	51·5	58·3	55·6	53·8	48·9	63·8	46·4	NE	1	W	1–2	9	8	1	·062
4	9·795	9·793	9·763	9·738	9·781	54·0	50·9	54·2	50·7	61·1	53·0	62·7	53·8	51·8	48·7	66·8	44·3	NE	0–3	NE	1–2	7	7	6	–
5	9·797	9·795	9·796	9·808	9·802	52·0	48·7	56·2	51·1	58·7	50·9	56·2	50·9	53·0	48·9	62·8	46·3	SSE	0–3	N	1	6	9	10	·040
6	9·860	9·842	9·830	9·828	9·823	53·5	48·7	56·7	50·5	59·1	51·1	54·5	49·8	51·0	47·7	61·8	47·0	W	2–3	WNW	2–3	9	8	10	–
7	9·749	9·739	9·695	9·623	9·566	50·8	47·7	52·0	49·1	50·2	48·7	50·0	48·7	48·0	47·2	53·5	45·1	SW	1–2	SSE	1	10	10	10	·632
8	9·466	9·463	9·487	9·492	9·501	48·3	45·9	50·5	46·9	57·7	48·9	52·7	49·6	49·0	47·7	59·2	42·3	NE	0–3	SW	0·5	8	6	6	·030
9	9·617	9·629	9·669	9·740	9·798	52·1	46·9	53·0	47·9	59·1	51·3	54·7	48·0	52·0	46·7	60·1	46·3	SW	1	NE	1	9	6	5	–
10	9·888	9·944	9·952	9·963	0·002	50·8	45·9	51·2	46·7	57·0	48·9	57·1	49·1	52·0	47·9	58·8	46·3	WSW	1	W	1	9	8	9	–
11	0·019	0·019	9·984	9·959	9·942	51·8	45·9	56·0	48·7	61·9	50·9	56·0	49·7	53·2	48·2	64·8	45·5	N	1	NW	2–3	6	6	9	–
12	9·811	9·785	9·712	9·665	9·642	51·2	48·1	52·0	48·4	54·0	50·1	52·8	49·9	51·2	50·1	56·7	44·3	WSW	1	E	0	8	6	10	·500
13	9·461	9·431	9·392	9·370	9·354	53·0	52·7	54·5	54·3	57·1	57·1	57·1	57·1	56·0	56·1	58·1	49·4	SW	1–2	SW	1–2	10	10	10	**1·865**
14	9·299	9·321	9·516	9·533	9·571	52·0	50·7	54·0	51·1	54·8	52·2	54·6	53·0	54·0	51·7	59·6	51·2	SW	1–2	W	2	9	9	10	1·320
15	9·634	9·647	9·743	9·831	9·907	52·2	51·4	53·9	52·0	58·9	55·5	58·7	54·8	55·0	51·9	65·3	48·2	SW	1–2	S	0–3	8	6	8	·160
16	0·080	0·080	0·085	0·093	0·115	55·0	51·9	56·0	53·0	60·1	54·0	61·7	52·0	51·0	47·3	65·0	49·4	SW	1	W	0–3	7	5	1	·012
17	0·086	0·064	9·983	9·923	9·914	50·3	47·9	54·0	49·7	62·9	55·0	57·6	51·1	52·8	48·9	65·0	**38·8**	NE	0	W	0–5	2	7	9	·082
18	9·805	9·799	9·799	9·806	9·860	52·2	50·1	53·2	49·7	54·9	53·4	55·8	53·0	54·2	53·0	62·0	48·2	E	0	ENE	0–3	10	10	10	·020
19	0·047	0·064	0·088	0·166	0·233	55·9	51·1	57·9	41·7	68·9	57·9	68·7	56·0	56·2	50·9	**70·8**	46·2	NE	1	W	0–3	3	6	2	–
20	0·251	0·247	0·198	0·170	0·132	53·9	50·1	55·0	50·9	60·3	56·4	55·2	54·7	54·6	54·5	64·8	46·2	SW	0	SW	1	10	9	10	·352
21	0·093	0·093	0·043	0·019	9·943	57·7	56·8	58·9	58·0	60·9	58·7	56·4	56·0	56·1	55·5	66·8	54·2	SW	1	SW	1–2	10	10	10	·070
22	9·950	9·946	9·961	9·976	9·983	55·8	51·1	55·9	51·4	59·1	52·1	57·0	50·9	55·2	50·1	61·8	50·2	SW	1–2	WSW	1–2	10	9	7	·045
23	9·899	9·859	9·891	9·873	9·840	55·3	55·0	57·4	56·2	59·1	55·0	56·0	52·7	53·0	50·9	61·8	51·5	SW	1–2	SW	0–5	10	9	10	·120
24	9·880	9·882	9·895	9·917	9·936	54·0	48·7	54·0	49·9	59·1	52·0	53·8	49·9	53·9	49·1	60·0	50·2	W	1–2	SW	1–2	10	6	9	·028
25	9·986	9·986	0·031	9·945	9·927	54·3	51·7	56·0	51·9	59·1	54·0	60·5	52·3	51·8	48·9	62·2	50·0	SW	1	S	0–5	9	9	5	·040
26	9·716	9·701	9·678	9·733	9·742	53·0	51·9	55·0	54·0	58·1	57·9	54·8	53·7	54·5	53·1	61·2	43·3	SW	0–3	SW	1	10	10	10	·483
27	9·667	9·663	9·668	9·629	9·680	54·5	54·2	55·6	54·8	57·3	54·4	57·9	54·7	53·8	50·7	61·6	53·1	SW	1	SW	0–3	10	9	6	·325
28	9·571	9·566	9·577	9·684	9·732	51·2	50·1	51·8	50·0	55·8	53·0	56·4	52·3	52·2	50·7	58·2	49·2	SW	1–2	SW	1–2	10	8	10	·560
29	9·783	9·842	9·782	9·685	9·628	52·8	51·5	52·4	51·3	53·7	52·7	55·8	54·8	53·4	52·7	59·8	49·2	SW	1–2	SW	0–5	10	10	10	·553
30	9·563	9·563	9·581	9·589	9·557	55·8	55·6	56·0	55·8	56·7	55·6	54·9	54·8	54·8	53·8	62·8	51·2	SW	1–2	SW	0–5	10	10	10	·140
31	9·639	9·703	9·871	9·705	9·762	55·2	54·8	56·2	55·8	58·3	57·3	57·2	55·8	53·6	52·7	62·1	54·2	SW	1	SW	0–3	10	10	6	·055
Mean	9·791	9·795	9·802	9·795	9·804	53·2	50·5	54·6	51·0	58·4	53·4	57·0	52·7	53·1	50·5	62·2	47·9		1·27		1·48	8·6	8·0	7·9	7·694

AUGUST 1890.

	Ins.	Ins.	Ins.	Ins.	Ins.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n.	Force.	Dir'n.	Force.				Ins.
1	9·783	9·807	9·793	9·820	9·855	56·0	54·3	57·2	55·1	65·1	57·5	60·9	56·8	55·0	53·2	66·8	52·5	SW	0·5	W	0–3	9	5	2	–
2	9·959	9·967	0·007	0·017	0·075	55·0	53·2	56·4	54·0	65·1	57·1	60·7	55·0	55·0	52·7	66·8	47·2	W	0	SW	0–3	9	7	4	–
3	0·063	0·055	0·043	0·013	0·005	56·2	54·3	57·0	54·8	57·2	55·8	57·2	56·4	56·8	56·4	61·1	51·2	SW	2	SW	1–2	10	10	10	·280
4	9·997	9·983	9·975	9·995	0·038	57·9	58·1	59·3	59·3	58·4	58·4	59·9	59·9	57·9	57·7	62·2	55·2	SW	1	SW	1–2	10	10	10	**1·390**
5	0·038	0·026	9·993	9·950	0·017	58·4	58·6	58·7	58·8	60·1	59·9	58·7	58·6	56·2	54·8	61·8	[55·8]	SW	1–2	WSW	2–3	10	10	9	·235
6	0·122	0·116	0·129	0·143	0·161	56·0	54·0	57·0	49·5	58·5	54·8	57·9	55·2	54·3	53·0	60·0	52·2	W	0	W	0	10	10	8	–
7	0·204	0·196	0·177	0·157	0·195	55·2	54·0	58·6	56·2	67·9	57·8	68·9	62·3	57·9	54·0	71·1	50·7	N	0	W	0	10	8	6	–
8	0·207	0·206	0·158	0·141	0·166	54·8	54·0	60·1	57·0	68·6	60·8	65·9	61·9	58·9	57·7	72·2	48·2	NE	0	E	0	0	2	9	–
9	0·175	0·170	0·101	0·090	0·106	58·1	56·0	64·1	59·1	72·6	62·7	63·1	56·2	59·8	54·8	**73·6**	51·2	N	0–3	ESE	1–2	4	2	4	–
10	0·009	9·993	9·921	9·860	9·867	65·1	57·6	64·9	57·0	69·0	58·1	67·9	58·8	57·5	51·0	73·5	56·2	E	1–2	ESE	0·5	5	5	1	–
11	9·781	9·765	9·759	9·777	9·795	57·9	54·2	59·4	55·8	64·1	58·9	61·7	59·1	59·3	57·0	71·6	51·2	NE	2	NE	0–3	5	8	10	·640
12	9·767	9·775	9·735	9·742	9·774	54·8	54·8	55·4	54·6	58·9	57·8	56·2	54·1	54·2	53·6	62·8	51·2	NW	0	Calm	0	7	10	9	·102
13	9·810	9·820	9·745	9·719	9·694	56·0	54·0	56·2	54·2	63·2	54·3	63·2	57·0	56·5	54·0	70·6	50·2	NE	1	SE	1	8	3	8	–
14	9·615	9·613	9·564	9·517	9·461	54·8	51·9	54·1	52·2	58·7	55·6	54·7	52·1	52·1	50·7	61·2	51·7	WSW	2	SW	2	10	9	9	·138
15	9·074	9·061	9·114	9·218	9·281	52·3	51·7	53·8	52·7	54·4	51·9	52·0	50·9	51·0	49·9	60·2	49·2	E	0–3	SW	1–2	10	10	10	·635
16	9·387	9·387	9·439	9·462	9·492	52·0	49·9	53·8	51·1	52·8	51·9	55·0	53·4	54·0	53·0	56·5	48·7	SW	1–2	SW	1–2	10	10	10	·460
17	9·557	9·573	9·652	9·705	9·765	55·0	54·0	55·0	53·0	57·1	55·0	56·8	53·1	54·0	51·2	61·7	52·2	SW	1	WSW	0	10	9	10	·100
18	9·825	9·819	9·860	9·875	9·914	54·0	51·7	55·0	50·9	57·7	53·0	55·8	53·0	52·8	51·2	59·8	50·7	WSW	0	NNE	0	9	9	10	–
19	9·925	9·910	9·867	9·856	9·849	48·0	46·9	52·1	49·1	61·9	57·5	57·0	50·7	53·0	50·9	63·6	42·3	W	0	W	1–2	1	7	10	·185
20	9·731	9·730	9·763	9·801	9·822	55·2	54·8	56·2	55·8	61·2	53·2	58·9	54·0	54·0	50·9	63·8	50·7	SW	1–2	SSW	1	10	4	9	·098
21	9·720	9·709	9·644	9·695	9·715	53·0	51·9	53·3	53·2	56·3	52·7	52·8	50·3	49·0	47·2	59·8	51·0	SW	1	WSW	1–2	10	10	10	·990
22	9·739	9·757	9·771	9·735	9·676	50·3	49·1	51·2	48·9	53·0	49·9	52·2	49·9	50·0	48·9	58·8	[44·3]	WSW	1–2	SW	0	10	8	9	·170
23	9·568	9·562	9·569	9·603	9·623	50·3	48·7	52·2	50·1	56·2	49·9	54·8	49·9	48·0	45·9	59·8	45·3	WSW	1	W	0	10	6	3	·030
24	9·596	9·588	9·568	9·557	9·563	51·0	48·9	52·2	49·3	55·0	50·9	55·8	52·1	52·3	50·9	60·8	44·3	SW	0·5	Calm	0	10	8	8	·015
25	9·519	9·496	9·424	9·362	9·313	51·0	49·7	53·6	50·9	56·4	52·5	52·6	51·1	48·0	47·2	59·6	47·0	S	0	W	0·5	8	7	9	·240
26	9·215	9·211	9·202	9·218	9·213	49·5	48·4	50·2	49·1	57·0	51·1	52·2	49·9	47·2	46·1	[59·6]	47·2	SW	0–3	SW	0–3	7	9	5	·395
27	9·222	9·241	[9·325]	9·394	9·508	49·5	48·9	50·6	49·7	62·9	50·9	55·0	49·9	50·0	47·9	64·8	46·3	E	0–3	E	0·5	10	3	6	·052
28	9·757	9·769	9·834	9·853	9·886	51·8	48·7	52·6	48·7	55·2	47·5	52·0	46·9	48·0	45·9	57·8	48·0	N	1–2	W	0	9	7	7	–
29	9·941	9·940	9·968	0·012	0·055	41·3	40·9	48·4	46·1	56·0	51·7	53·0	49·7	48·0	45·9	60·8	[**34·2**]	NE	0	NE	0–3	2	7	9	·010
30	0·149	0·149	0·130	0·147	0·159	46·0	42·9	52·2	46·7	58·1	49·9	52·6	48·9	46·0	44·1	60·0	42·3	NE	0–3	NE	0–3	7	4	9	–
31	0·233	0·242	0·217	0·215	0·220	40·8	39·9	48·0	44·9	59·3	50·3	51·3	46·9	50·0	46·9	59·2	35·2	NE	0–3	SW	0–3	1	4	10	·050
Mean	9·796	9·795	9·789	9·795	9·820	53·1	51·5	55·1	52·5	59·9	54·4	57·3	53·7	53·1	51·1	63·3	48·5		0·97		0·94	7·8	7·1	7·8	6·215

SEPTEMBER 1890.

	Barometer reduced to 32° and Sea Level.					Temperature—Dry and Wet Bulbs.										S. R. Thermometers. Read at		Direction and Force of Wind (0–12).				Amount of Cloud (0–10).			Rainfall.
	8h	9h	14h	18h	21h	8h		9h		14h		18h		21h		18h	9h	9h		21h		9h	14h	21h	9h
	Ins.	Ins.	Ins.	Ins.	Ins.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n.	Force.	Dir'n.	Force.				Ins.
1	0·046	0·034	9·980	[9·946]	9·943	52·5	49·2	51·8	49·8	54·0	53·6	56·0	55·8	56·0	56·0	57·6	48·2	SW	1–2	SW	1–2	10	10	10	·745
2	9·933	9·957	9·996	0·005	9·992	56·2	52·1	57·9	57·7	58·3	55·8	55·8	54·6	54·2	54·2	60·8	50·2	SW	1–2	SW	1	10	10	10	·250
3	9·969	9·975	9·998	0·007	9·993	57·1	57·3	57·7	57·4	58·1	57·9	56·8	56·8	57·0	57·0	61·8	53·0	SW	1	SW	1–2	10	10	10	·385
4	0·137	0·139	0·197	0·240	0·274	56·0	55·8	57·3	56·6	58·9	57·7	57·9	54·3	55·0	52·0	61·6	54·2	SW	0·3	SW	0·3	8	9	10	–
5	0·291	0·298	0·274	0·262	0·274	54·5	53·1	54·8	53·0	61·9	57·0	58·4	55·2	56·2	56·2	63·0	51·2	WSW	0·5	SW	1	7	3	10	–
6	0·405	0·417	0·412	0·434	0·433	53·6	50·9	56·8	53·8	64·1	57·0	58·9	55·0	53·0	51·8	65·8	49·2	SW	0·3	Calm	0	1	1	0	–
7	0·442	0·425	0·375	0·356	0·364	48·3	47·2	54·0	51·5	67·3	57·7	63·1	58·5	56·2	53·0	68·8	**44·1**	NE	0	SW	1	0	0	1	–
8	0·326	0·312	0·234	0·170	0·166	60·1	58·4	60·9	58·9	68·1	62·4	63·1	58·5	59·4	56·5	70·3	52·4	SW	0	SW	1–2	7	1	7	·080
9	0·202	0·222	0·232	0·236	0·241	56·8	53·8	56·6	53·0	60·1	52·2	56·4	50·7	49·2	47·1	63·8	55·0	W	1–2	SW	1	7	6	1	–
10	0·154	0·148	0·088	0·064	0·049	52·5	50·7	53·8	51·6	57·0	54·2	54·0	51·1	52·0	51·2	59·6	46·8	SSW	1	SW	1	9	9	10	·168
11	0·054	0·082	0·143	0·196	0·218	55·2	51·2	56·6	51·5	58·9	53·0	55·8	52·7	53·7	51·1	61·8	51·2	W	2–3	SW	0	8	6	10	·015
12	0·242	0·247	0·249	0·244	0·227	55·5	54·0	56·4	54·0	64·1	58·7	58·1	55·0	51·0	49·9	65·6	51·2	SW	0·5	SE	0	9	6	0	–
13	0·186	0·175	0·125	0·087	0·091	46·0	45·4	51·0	49·4	64·9	59·2	60·9	57·4	57·0	54·0	67·8	40·3	E	0	Calm	0	0	1	0	–
14	0·155	0·163	0·145	0·109	0·106	56·3	55·0	57·2	55·8	68·2	61·2	61·7	58·2	57·0	55·9	69·6	50·0	NE	0	SW	0	9	1	1	-
15	9·999	9·975	9·875	9·838	9·843	53·8	52·0	60·7	55·3	71·9	58·1	64·9	53·8	61·9	54·3	**72·6**	48·2	SE	0·3	S	0·5	2	0	4	–
16	9·863	9·846	9·843	9·825	9·821	59·9	56·0	63·9	55·3	65·7	57·6	63·4	55·0	59·9	56·2	70·8	55·2	S	1–2	SSW	0	1	3	9	–
17	9·736	9·781	9·803	9·804	9·809	59·4	56·5	62·7	58·9	60·4	57·9	59·7	57·0	58·5	55·8	65·8	58·1	SW	1–2	SSE	1	9	10	10	·210
18	9·729	9·729	9·821	9·871	9·907	57·0	56·0	57·5	56·3	58·9	56·8	55·8	54·2	52·3	51·2	62·8	54·2	SW	0	Calm	0	10	8	0	·200
19	9·880	9·872	9·797	9·743	9·763	45·5	45·4	51·0	49·9	63·3	57·0	59·8	55·2	56·0	55·0	66·8	**44·1**	NE	0·3	SSE	0	3	8	10	·042
20	9·624	9·596	9·442	9·458	9·492	57·4	53·5	60·4	54·5	56·0	54·8	54·7	51·2	52·0	50·0	63·6	52·2	ENE	0·3	SSW	1	9	10	6	·260
21	9·434	9·430	9·412	9·410	9·415	56·0	52·0	57·0	52·2	57·1	54·0	57·0	52·5	55·1	52·3	60·8	50·2	SSW	1	SSE	0·5	9	10	10	·040
22	9·378	9·360	9·492	9·584	9·675	58·2	53·0	58·7	53·3	58·1	56·0	56·5	55·0	52·0	51·2	60·8	53·2	SE	0·3	S	0	9	8	2	·212
23	9·826	9·836	9·825	9·819	9·807	52·2	51·1	53·0	51·9	58·9	54·0	55·0	51·2	54·0	51·9	61·6	50·7	S	0	SW	1	10	7	10	·340
24	9·756	9·756	9·829	9·930	0·005	55·5	55·3	55·3	54·3	55·0	53·2	52·0	47·9	50·3	47·4	57·8	52·2	SW	2	SW	1-2	9	9	6	·260
25	0·215	0·224	0·230	0·114	0·014	51·0	49·2	52·5	49·7	55·8	50·9	52·2	49·9	53·0	52·7	57·8	45·9	SW	1	SW	2–3	10	10	10	**1·872**
26	0·017	0·041	0·138	0·204	0·205	58·9	58·5	59·5	58·9	61·9	59·1	57·2	54·3	55·0	55·0	63·6	50·4	SW	2–3	SW	1	10	9	10	·480
27	0·146	0·150	0·138	0·103	0·105	57·9	57·7	58·1	57·7	58·3	57·7	57·5	56·8	53·0	51·9	59·8	54·2	SW	1–2	SW	1	10	10	10	·150
28	0·054	0·054	0·009	9·946	9·914	50·0	48·9	53·5	51·1	55·2	51·7	51·1	49·7	52·0	46·7	57·8	47·2	SW	0·5	SW	1-2	7	9	9	·062
29	9·714	9·688	9·500	9·530	9·651	53·0	50·9	53·8	51·9	56·4	53·8	50·6	45·6	48·0	43·9	57·7	50·2	SW	2–3	SW	3–4	10	10	9	·880
30	9·646	9·631	9·499	9·427	9·377	47·0	44·4	47·2	43·9	45·3	44·7	43·2	42·9	43·0	42·9	52·7	43·3	SW	0·5	E	1	10	10	10	1·198
Mean	9·987	9·985	9·970	9·967	9·972	54·4	52·5	56·3	53·6	60·1	55·8	56·9	53·5	54·1	52·1	63·0	50·2		1·01		0·86	7·4	6·8	6·8	7·849

OCTOBER 1890.

	Ins.	Ins.	Ins.	Ins.	Ins.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n.	Force.	Dir'n.	Force.				Ins.
1	9·369	9·405	9·627	9·810	9·952	47·6	45·9	48·0	45·2	42·5	41·1	47·2	41·9	45·4	41·7	51·2	42·3	SW	1–2	NNE	1	10	10	1	·132
2	0·218	0·240	0·180	0·012	9·924	39·0	36·9	43·2	40·2	46·2	44·9	48·2	46·3	52·0	51·1	51·0	35·2	SW	0·3	SW	4–5	2	10	10	3·577
3	9·755	9·790	9·785	9·857	9·870	55·8	55·2	56·2	55·5	57·0	55·8	54·0	53·4	53·1	51·9	57·8	44·3	SW	2–3	SW	1–2	10	10	10	·940
4	9·952	9·959	9·972	9·938	9·912	53·0	50·2	53·8	50·9	54·6	52·4	53·0	53·0	55·0	55·0	55·7	50·7	SW	1	SW	1	7	10	10	·860
5	9·849	9·847	9·809	9·763	9·750	56·5	55·8	57·0	56·2	55·8	54·8	55·8	54·0	54·8	51·9	58·0	52·2	SSW	1	WSW	1–2	10	10	3	·538
6	9·798	9·812	9·840	9·852	9·873	49·0	46·7	50·3	46·9	54·0	47·9	49·8	42·1	48·0	44·9	56·3	46·3	SW	2	ENE	1	3	7	7	·020
7	9·877	9·893	9·968	0·070	0·192	47·0	45·3	47·0	45·3	56·3	47·9	48·8	45·1	44·0	41·9	57·8	43·3	SSW	0·5	NE	0	6	2	0	–
8	0·442	0·448	0·417	0·410	0·376	36·2	35·8	38·4	37·9	55·2	48·7	49·0	45·7	47·0	45·8	55·7	34·2	ENE	0	WSW	1	0	2	6	·023
9	0·276	0·272	0·229	0·208	0·195	49·3	48·9	50·0	49·5	52·0	51·7	53·7	52·5	53·4	53·3	54·2	45·3	SW	1	SW	0·5	10	10	10	·288
10	0·162	0·160	0·140	0·087	0·091	55·2	55·0	56·2	56·0	57·0	56·2	55·6	50·1	56·2	55·2	57·7	49·0	SW	1	SW	1–2	10	10	10	1·248
11	0·113	0·117	0·158	0·186	0·199	55·6	55·0	56·2	56·0	56·8	55·8	54·8	54·2	55·3	55·3	**58·8**	54·2	SW	1	SW	1–2	10	9	10	·480
12	0·229	0·229	0·224	0·235	0·227	54·2	53·2	54·6	53·2	55·4	53·5	54·0	52·1	53·4	51·7	57·8	53·4	SW	1–2	WSW	1–2	9	9	10	–
13	0·213	0·213	0·188	0·148	0·094	53·0	50·9	53·2	51·1	54·5	52·3	53·0	51·7	53·0	51·9	56·8	51·2	SW	0·5	Calm	0	10	10	10	·134
14	9·902	9·902	9·882	9·791	9·661	53·8	52·7	53·2	51·7	53·0	49·7	49·0	46·1	49·0	47·9	55·7	51·2	SW	1	SW	1–2	10	9	10	1·346
15	9·401	9·406	9·348	9·188	9·244	44·0	42·1	42·4	41·1	41·8	40·0	44·0	42·9	46·1	41·6	51·5	41·3	SW	1–2	WNW	1	8	10	3	·450
16	9·429	9·432	9·451	9·635	9·707	43·2	39·9	43·0	40·1	51·0	44·9	47·0	42·2	45·2	44·0	51·7	40·3	W	2–3	WSW	2	10	7	9	·300
17	9·836	9·842	9·874	9·933	9·991	46·8	42·9	47·0	43·3	52·4	47·1	50·8	46·6	49·6	46·9	54·1	43·7	W	1	NW	1–2	9	8	7	–
18	0·191	0·204	0·237	0·273	0·283	44·0	41·9	44·8	41·2	51·5	45·1	42·0	39·7	39·0	36·9	52·7	42·8	NE	1	NE	0·3	3	3	2	–
19	0·306	0·306	0·295	0·303	0·308	41·0	39·1	42·8	40·9	53·4	47·5	43·6	40·9	39·1	38·5	53·6	36·2	E	0·3	ENE	0	8	0	9	·092
20	0·222	0·232	0·189	0·203	0·218	46·5	46·1	47·2	46·9	56·0	52·3	54·2	51·5	52·2	51·2	56·7	37·2	WSW	0·3	Calm	0	10	9	9	·018
21	0·266	0·288	0·315	0·361	0·382	51·2	49·9	52·0	50·4	56·2	54·0	54·0	52·1	52·0	50·9	57·1	49·4	SW	0	Calm	0	9	9	10	–
22	0·445	0·449	0·443	0·457	0·453	50·8	49·9	51·6	50·9	56·0	53·8	52·7	51·9	52·0	51·9	57·3	49·2	W	0	WSW	0	8	7	8	·088
23	0·394	0·376	0·271	0·218	0·138	51·5	50·9	51·2	50·9	52·8	51·9	52·0	50·9	53·0	50·9	53·7	50·2	SW	1	SW	1–2	10	10	9	1·000
24	9·880	9·862	9·871	9·841	9·818	54·0	53·2	54·2	53·8	51·0	45·3	49·0	47·6	47·0	44·1	55·5	50·4	SW	1–2	S	0	9	3	10	·054
25	9·656	9·637	9·529	9·441	9·430	44·2	42·1	44·0	41·9	45·0	40·9	38·3	37·3	35·9	35·6	47·5	42·8	SW	0·3	NE	0·5	8	9	8	·190
26	9·476	9·518	9·634	9·774	9·841	32·1	31·6	32·4	31·6	39·5	38·5	38·1	36·7	35·0	33·8	41·1	**28·2**	E	0·3	NE	1–2	1	9	10	·170
27	9·939	9·943	9·930	9·960	9·997	32·9	30·8	34·9	32·6	44·0	38·2	36·4	34·4	33·3	32·0	43·7	31·2	NW	1	NNW	0	2	4	6	·002
28	9·992	9·983	9·810	9·652	9·637	37·3	35·8	39·4	37·9	43·2	42·9	50·0	49·1	52·3	51·3	51·7	31·6	SW	0·3	SW	1–2	10	10	10	·973
29	9·451	9·421	9·458	9·598	9·688	53·2	52·7	53·2	52·7	54·2	51·7	49·0	43·7	47·8	42·7	55·5	41·3	SW	2–3	WSW	2	10	6	2	·186
30	9·902	9·902	9·892	9·800	9·702	43·2	40·9	44·8	42·1	48·0	44·7	45·7	44·2	45·0	44·1	48·7	39·8	SW	0·3	S	1	9	10	10	·500
31	9·414	9·412	9·406	9·486	9·545	46·0	45·9	46·2	46·1	47·0	46·7	45·5	44·9	48·0	45·4	48·0	43·3	NE	0·3	W	1	9	10	7	·240
Mean	9·947	9·952	9·947	9·951	9·958	47·3	45·9	48·0	46·5	51·4	48·3	49·0	46·6	48·1	46·4	53·7	43·6		0·93		1·01	8·0	8·1	7·9	13·849

NOVEMBER 1890.

	Barometer reduced to 32° and Sea Level.					Temperature—Dry and Wet Bulbs.										S. R. Thermometers. Read at		Direction and Force of Wind (0–12).		Amount of Cloud (0–10).			Rainfall.
	8h	9h	14h	18h	21h	8h		9h		14h		18h		21h		18h	9h	9h	21h	9h	14h	21h	9h
	Ins.	Ins.	Ins.	Ins.	Ins.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n. Force.	Dir'n. Force.				Ins.
1	9·687	9·687	9·622	9·428	9·220	44·2	42·9	44·2	42·9	50·2	46·8	47·0	45·6	49·0	46·9	53·3	42·7	SW 0·3	SW 2–3	7	9	10	**1·220**
2	8·872	8·876	8·984	9·172	9·308	47·8	44·2	47·2	44·7	49·9	46·1	43·3	40·2	42·6	39·0	**55·6**	43·0	SW 1–2	WSW 2–3	5	8	9	·063
3	9·484	9·466	9·322	9·206	9·153	38·0	35·1	38·0	35·8	40·0	37·9	40·4	39·2	41·3	40·8	43·6	35·2	NE 0·3	NE 0	10	10	10	·345
4	9·138	9·140	9·199	9·313	9·430	38·0	37·9	37·4	37·1	48·2	44·9	43·3	42·1	43·0	40·9	48·5	36·2	N 0	NE 1	4	1	9	·040
5	9·645	9·675	9·720	9·762	9·768	44·0	41·9	43·3	41·3	47·0	43·9	42·9	41·2	37·3	36·1	48·0	39·1	NE 1–2	SE 0·5	2	5	0	–
6	9·527	9·489	9·105	8·861	8·704	43·5	40·9	45·3	40·9	46·3	42·9	45·9	43·1	44·8	42·9	46·8	33·2	WSW 1	SSE 3–4	9	10	10	·920
7	9·085	9·204	9·413	9·468	9·470	45·8	42·4	45·2	41·9	46·5	40·9	38·6	35·8	37·3	35·8	49·6	41·3	NW 1–2	NE 0·3	10	8	1	·194
8	9·294	9·283	9·267	9·254	9·262	45·0	44·1	46·2	45·2	44·0	43·4	41·2	39·9	40·8	39·9	49·1	35·2	WSW 1	SE 0	10	10	10	·600
9	9·405	9·422	9·460	9·474	9·486	37·0	36·4	37·5	37·0	40·1	39·3	38·2	36·6	38·6	38·2	42·2	35·2	NE 0·3	NE 0·5	10	10	10	·293
10	9·584	9·590	9·483	9·457	9·468	40·0	36·3	37·8	35·8	44·6	37·9	43·6	39·9	40·8	39·0	46·2	36·2	E 0	S 1	0	1	9	·086
11	9·245	9·245	9·239	9·358	9·444	43·5	39·2	43·8	40·1	45·0	40·9	43·8	40·0	42·0	39·9	45·7	38·5	SE 2–3	SE 0·3	10	9	4	·084
12	9·590	9·584	9·473	9·377	9·374	37·5	36·0	38·0	35·8	46·3	41·8	47·0	44·8	47·0	45·4	47·6	34·8	S 0·3	SW 2–3	1	10	10	·856
13	9·619	9·641	9·721	9·784	9·835	42·8	41·9	43·4	42·1	43·6	42·5	46·0	44·7	46·6	43·0	49·5	39·3	SW 2–3	S 1–2	10	10	10	·435
14	9·816	9·790	9·590	9·516	9·641	43·8	41·1	47·8	43·5	44·2	41·1	44·2	43·5	43·8	43·1	49·3	41·3	ESE 1	SW 0·5	9	10	10	·503
15	0·052	[0·081]	0·138	0·189	0·214	43·0	40·9	43·8	41·7	47·8	45·9	42·0	41·1	39·6	38·9	47·7	41·3	SSW 1	NE 0	4	7	5	·165
16	0·072	0·066	9·971	0·026	0·114	37·8	36·9	40·4	39·3	43·0	41·9	46·8	45·9	47·0	44·5	47·1	34·2	SW 0·5	SE 1	6	10	0	·225
17	0·257	0·237	0·170	0·084	0·056	33·9	33·6	33·9	33·6	46·0	43·1	49·7	47·3	51·0	50·3	51·7	32·2	NNE 0·5	SSW 1–2	8	7	10	·312
18	0·206	0·228	0·252	0·238	0·202	45·0	43·9	45·2	44·1	50·0	48·5	48·0	46·9	48·6	47·1	52·1	33·2	SE 0·5	SE 0·5	7	7	8	·110
19	[0·160]	0·160	0·199	0·240	0·265	53·0	51·7	52·7	51·7	53·0	48·9	46·2	45·2	47·4	45·7	54·5	46·3	SW 1–2	SW 0·5	8	9	7	·132
20	0·275	0·282	0·208	0·115	0·079	48·2	46·7	48·8	46·9	49·0	47·9	51·0	50·8	52·4	52·1	51·4	45·3	SW 1	SW 1	10	10	10	1·000
21	9·815	9·877	9·909	9·886	9·862	48·6	46·1	48·0	45·1	44·2	42·1	43·3	40·0	43·0	40·3	53·7	46·3	W 2	SSW 1–2	10	8	7	·460
22	9·818	9·800	9·531	9·423	9·425	45·0	42·4	44·2	42·7	50·2	48·3	53·0	50·2	51·0	48·9	54·7	40·1	SW 2	SW 2–3	10	10	10	1·140
23	9·365	9·370	9·253	9·213	9·196	47·0	43·9	46·8	44·7	45·0	43·7	42·0	41·2	40·6	39·1	53·7	45·3	WSW 1–2	NW 1	10	10	9	·115
24	9·484	9·500	9·522	9·568	9·634	37·0	35·8	38·0	31·8	39·2	36·2	38·2	36·6	34·7	33·0	41·3	35·0	NW 1–2	NW 0·3	5	3	7	·038
25	9·829	9·908	0·146	0·205	0·243	41·6	38·1	40·6	37·9	41·2	37·9	33·9	32·8	34·9	33·8	43·8	33·0	ENE 1–2	NE 0	2	4	10	·060
26	0·317	0·345	0·333	0·335	0·332	34·9	34·4	34·9	34·0	37·0	34·6	32·1	30·6	27·7	25·8	38·0	33·0	ESE 0·5	ENE 0	10	1	0	–
27	0·288	0·271	0·260	0·263	0·282	20·9	[20·0]	20·9	[20·0]	28·3	26·6	21·9	[20·5]	21·4	[20·0]	33·3	**20·2**	ENE 0	ENE 1	10	1	9	–
28	0·276	0·288	0·252	0·230	0·234	29·1	28·1	30·1	28·0	31·7	31·1	29·9	[29·5]	31·3	31·0	32·6	21·2	ENE 0	NE 0	10	10	10	·220
29	0·164	0·151	0·063	0·015	9·948	32·3	31·8	32·9	31·8	36·8	34·0	38·2	34·8	38·8	34·7	38·8	28·0	NE 0	SW 4–5	10	9	8	·440
30	9·813	9·819	9·764	9·773	9·798	42·0	41·1	43·2	41·7	47·6	45·7	49·0	48·4	49·8	49·1	49·6	31·2	SW 3–4	SW 2–3	10	10	10	·252
MEAN	9·739	9·749	9·719	9·708	9·715	41·0	39·2	41·3	39·3	44·2	41·6	42·4	40·6	41·8	40·2	47·3	36·6	1·01	1·13	7·3	7·3	7·5	10·308

DECEMBER 1890.

	Ins.	Ins.	Ins	Ins.	Ins.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n. Force.	Dir'n Force.				Ins.
1	9·775	9·775	9·747	9·732	9·760	50·8	50·1	51·0	50·1	51·0	50·7	51·0	50·7	50·6	50·2	**53·7**	43·3	SW 1–2	SW 1	10	10	10	**0·490**
2	9·762	9·789	9·785	9·776	9·792	49·2	48·9	49·2	49·1	49·0	48·5	46·8	45·9	47·0	44·2	50·9	48·2	SW 0	NE 0·5	10	10	6	·150
3	9·906	9·932	9·970	0·064	0·124	37·8	34·6	37·2	34·6	39·8	36·9	38·1	36·3	37·8	34·0	45·6	36·2	ENE 2–3	NE 2–3	7	7	1	·125
4	0·159	0·178	0·122	0·086	0·070	36·1	34·6	36·3	35·0	38·4	36·9	37·3	35·0	38·2	36·0	39·1	33·0	ENE 1–2	SSE 1	8	4	9	–
5	0·046	0·062	0·052	0·072	0·119	40·6	35·6	41·2	36·0	41·2	35·8	40·2	36·2	38·2	35·0	42·2	36·4	ENE 0·3	ESE 0·5	9	6	9	–
6	0·229	0·243	0·233	0·267	0·279	30·7	29·8	31·1	29·8	34·5	32·6	34·7	31·8	34·9	33·6	41·0	[30·0]	ESE 0	ENE 0·3	0	5	8	–
7	0·288	0·290	0·199	0·189	0·178	30·1	29·8	30·1	30·0	35·2	34·1	35·9	34·8	36·6	34·3	40·1	27·0	ENE 0·3	ESE 1–2	8	9	4	–
8	0·130	0·141	0·081	0·059	0·032	33·9	30·8	31·9	29·6	37·6	34·0	35·7	32·6	38·6	34·4	39·8	31·0	E 0	ESE 1	4	6	1	–
9	0·014	0·030	0·059	0·080	0·096	40·2	37·7	40·8	33·8	35·1	34·0	32·4	30·5	29·3	27·8	42·2	34·0	ESE 0·3	SE 0·5	9	10	6	–
10	0·181	0·196	0·166	0·124	0·096	29·7	26·8	32·1	28·8	33·1	31·6	31·9	31·1	33·9	32·6	33·8	26·2	E 0·3	ESE 0·3	7	6	10	–
11	[9·995]	0·019	9·997	9·984	0·023	40·0	39·7	43·0	42·5	44·0	41·7	42·8	40·2	42·2	40·2	45·2	29·0	SSW 1	ENE 0	7	9	10	–
12	0·099	0·112	0·114	0·106	0·105	36·1	35·6	37·2	36·6	41·2	39·5	40·0	38·7	39·2	38·1	45·0	34·2	NNW 1	SE 0	6	10	10	–
13	9·956	9·964	9·917	9·897	9·913	38·0	36·8	35·1	34·6	38·2	34·8	35·1	32·8	35·1	33·0	40·6	34·2	SSE 0	SSE 1–2	3	7	6	–
14	9·950	9·949	9·898	9·860	9·865	39·0	36·8	40·4	38·7	42·0	40·1	43·7	42·9	44·0	39·9	43·1	34·0	SW 1–2	SW 1	9	10	2	·130
15	9·834	9·833	9·850	9·878	9·909	39·8	38·1	39·8	38·1	41·6	39·8	41·0	38·9	42·5	38·2	44·7	38·1	NE 0·5	ENE 0·5	9	1	2	–
16	9·937	9·968	9·923	9·947	9·972	36·1	32·8	37·0	32·9	39·0	34·0	35·6	31·1	33·9	31·8	43·6	35·0	ENE 0·5	NE 1	1	0	0	–
17	0·002	0·007	0·003	9·960	9·922	36·1	33·8	34·9	31·6	37·0	32·6	34·9	31·5	38·0	33·8	38·5	30·0	SSE 0·5	SSE 0·5	1	6	6	–
18	9·723	9·719	9·556	9·431	9·389	32·9	29·6	32·9	29·0	33·1	30·8	31·7	31·0	32·9	31·8	38·2	31·2	SSE 1	E 4–5	1	2	9	–
19	9·282	9·290	9·338	9·424	9·512	32·9	30·8	32·9	30·6	31·9	31·1	32·9	29·9	32·1	31·6	39·4	29·2	ENE 2–3	SE 0	10	9	10	·086
20	9·716	9·726	9·871	9·997	0·073	34·9	33·8	35·9	35·8	37·0	36·1	35·9	34·9	33·3	32·8	40·4	30·2	SSW 1	SE 0·3	8	9	4	–
21	0·291	0·316	0·297	0·297	0·253	28·9	28·8	28·9	28·8	33·7	32·2	32·9	32·5	37·2	34·9	37·2	**24·2**	NE 0·5	SSE 1–2	10	9	9	–
22	0·087	0·070	9·946	9·865	9·798	39·2	37·1	39·2	36·6	41·8	39·2	40·3	39·7	42·2	40·1	42·8	29·0	SW 2–3	SW 1–2	10	10	7	·200
23	9·708	9·766	9·900	0·024	0·121	45·2	44·1	44·8	44·1	46·5	43·1	41·4	39·9	37·4	36·0	47·2	39·5	SW 1–2	N 0·3	10	5	4	·014
24	0·293	0·311	0·285	0·277	0·247	35·9	35·0	34·7	34·0	39·5	38·9	40·0	39·7	39·2	38·6	44·8	31·2	E 0·3	SSE 0·5	7	9	9	·026
25	0·056	0·066	0·111	0·216	0·305	41·0	38·9	40·0	38·9	40·2	39·1	38·8	36·9	36·3	33·0	42·8	[34·0]	SW 1–2	NE 1	10	7	2	·070
26	0·537	0·537	[0·535]	0·549	0·558	31·9	30·4	31·4	29·8	37·0	34·6	32·1	29·9	31·3	29·0	41·9	29·2	NE 0·3	NE 1	0	4	0	–
27	0·465	0·471	0·415	0·375	0·379	35·9	32·8	33·9	31·8	36·3	31·6	37·2	34·6	35·9	33·8	39·6	28·7	E 0·5	SSE 0·3	1	9	6	–
28	0·335	0·333	0·323	0·335	0·347	35·9	34·0	37·0	34·0	38·3	34·1	37·0	34·1	35·1	32·6	39·6	33·4	SE 0·5	NE 1–2	6	7	10	–
29	0·455	0·465	0·492	0·502	0·513	28·9	27·8	27·1	26·8	33·9	31·8	31·4	30·6	34·9	32·1	37·8	25·4	E 0·3	SE 1–2	1	7	8	·003
30	0·609	0·599	0·639	0·612	0·583	33·9	31·8	34·1	31·8	35·9	32·4	34·6	31·7	34·9	31·8	38·8	30·0	NE 1	NE 1–2	1	2	2	–
31	0·405	0·405	0·327	0·313	0·295	37·9	32·8	37·0	32·0	39·2	34·8	38·6	34·5	38·8	34·0	41·0	31·2	NE 4–5	NE 1–2	0	4	0	–
MEAN	0·072	0·083	0·069	0·074	0·085	36·8	34·8	36·7	34·7	38·8	36·5	37·5	35·5	37·5	35·1	42·0	32·5	0·97	1·00	5·9	6·7	5·8	1·294

Monthly and Annual Mean Values at Ben Nevis Observatory, 4407 feet, and at Fort-William Observatory, 42 feet above Sea Level. 1890.

BAROMETER—BEN NEVIS.

	Mid-night.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
Jan.	4·966	4·958	4·956	4·954	4·952	4·959	4·968	4·970	4·980	4·987	5·006	5·014	5·010	5·008	5·002	4·999	4·992	4·990	4·990	4·991	4·987	4·986	4·986	4·981	4·971	4·983
Feb.	5·550	5·548	5·544	5·538	5·532	5·533	5·534	5·538	5·544	5·545	·552	·554	·553	·546	·544	5·541	5·540	5·539	5·542	5·545	5·546	5·544	5·545	5·542	5·543	5·543
Mar.	·083	·074	·066	·060	·056	·057	·060	·068	·074	·075	·080	·085	·087	·085	·080	·077	·076	·083	·088	·095	·096	·094	·094	·093	·091	·079
Apr.	·235	·229	·221	·213	·206	·202	·202	·206	·210	·218	·226	·231	·234	·236	·238	·237	·236	·233	·232	·234	·237	·236	·236	·233	·229	·226
May	·317	·315	·310	·307	·302	·302	·303	·307	·308	·312	·315	·317	·319	·321	·323	·322	·322	·319	·320	·320	·322	·325	·325	·323	·317	·316
June	·355	·348	·340	·337	·336	·337	·338	·342	·347	·350	·354	·355	·356	·360	·361	·361	·360	·361	·358	·353	·350	·351	·347	·344	·342	·349
July	·295	·289	·282	·277	·274	·272	·275	·279	·286	·290	·294	·300	·307	·309	·311	·312	·312	·309	·306	·306	·307	·309	·307	·304	·303	·297
Aug.	·315	·311	·306	·299	·295	·289	·290	·293	·296	·302	·306	·309	·313	·317	·319	·320	·320	·319	·318	·322	·327	·330	·330	·328	·326	·312
Sept.	·499	·495	·489	·481	·476	·474	·475	·477	·479	·483	·484	·484	·487	·489	·483	·481	·479	·478	·479	·483	·486	·485	·482	·478	·473	·482
Oct.	·397	·395	·385	·380	·379	·381	·381	·385	·390	·395	·396	·397	·396	·395	·395	·393	·392	·397	·401	·408	·405	·406	·409	·404	·403	·395
Nov.	·142	·142	·137	·136	·137	·138	·141	·149	·157	·167	·169	·169	·162	·150	·144	·141	·139	·137	·137	·141	·144	·148	·151	·152	·152	·147
Dec.	·408	·404	·407	·403	·398	·395	·395	·399	·400	·409	·415	·418	·413	·407	·405	·406	·410	·411	·414	·419	·421	·421	·423	·420	·415	·409
Year	·297	·292	·287	·282	·279	·277	·280	·284	·289	·294	·300	·303	·303	·302	·300	·299	·298	·298	·299	·301	·302	·303	·303	·300	·297	·295

BAROMETER—FORT-WILLIAM.

Aug.	9·809	9·803	9·802	9·797	9·794	9·792	9·796	9·795	9·800	9·800	9·798	9·794	9·794	9·791	9·794	9·790	9·792	9·793	9·797	9·803	9·815	9·821	9·826	9·826	9·823	9·802
Sept.	·998	·994	·991	·983	·981	·978	·982	·985	·989	·988	·988	·984	·982	·973	·971	·965	·965	·962	·970	·974	·982	·979	·982	·975	·970	·979
Oct.	·955	·950	·943	·937	·937	·937	·941	·941	·950	·953	·955	·953	·951	·950	·951	·947	·948	·951	·959	·960	·966	·964	·967	·963	·964	·952
Nov.	·719	·717	·716	·713	·714	·716	·726	·729	·746	·754	·760	·758	·750	·737	·726	·718	·721	·721	·722	·721	·725	·724	·727	·723	·727	·729
Dec.	0·076	0·071	0·071	0·069	0·067	0·064	0·067	0·069	0·075	0·082	0·089	0·090	0·087	0·078	0·072	0·071	0·078	0·080	0·085	0·084	0·090	0·089	0·096	0·092	0·091	0·079

TEMPERATURE—BEN NEVIS.

Jan.	27·3	27·2	27·0	27·1	27·1	26·9	26·8	26·7	26·7	26·5	26·4	26·4	26·5	26·7	27·0	27·1	27·0	27·0	26·8	26·9	26·9	26·8	26·8	27·2	27·4	26·9
Feb.	24·7	24·7	24·7	24·7	24·6	24·9	24·8	25·0	24·8	25·0	25·2	25·3	25·3	25·5	25·5	25·4	25·0	24·3	24·2	24·3	24·3	24·3	24·4	24·6	24·5	24·8
Mar.	25·1	25·1	24·8	24·7	24·8	24·9	24·5	24·4	24·5	24·9	25·3	25·6	25·9	26·2	26·5	26·7	26·5	26·3	25·9	25·8	25·7	25·6	25·4	25·3	25·1	25·4
Apr.	25·3	25·1	24·9	24·7	24·5	24·3	24·5	25·0	25·6	26·1	26·6	27·5	27·9	28·2	28·3	28·5	28·3	27·8	27·4	27·0	26·6	26·3	26·2	25·7	25·7	26·4
May	34·4	34·2	33·9	34·1	33·9	34·1	34·5	34·8	35·0	35·3	35·8	36·6	37·0	37·0	37·2	37·4	37·1	36·6	36·0	35·4	34·9	34·6	34·5	34·1	34·2	35·3
June	36·0	36·0	36·0	35·6	35·3	35·1	35·3	35·4	35·8	36·1	36·6	37·2	37·5	37·6	37·6	37·3	37·5	37·3	36·8	36·6	36·4	36·1	36·1	36·2	36·2	36·4
July	36·3	36·1	35·8	35·8	35·3	35·0	35·4	35·7	36·2	36·8	37·3	37·8	38·4	38·7	38·7	38·9	38·9	38·7	38·3	37·8	37·3	37·0	36·7	36·6	36·4	37·1
Aug.	37·8	37·7	37·5	37·3	37·2	37·2	37·2	37·6	38·0	38·5	39·1	39·8	40·4	40·5	40·8	40·7	40·2	39·8	39·6	38·8	38·4	38·1	38·0	37·9	37·6	38·6
Sept.	41·4	41·3	41·2	41·1	40·9	40·7	40·8	40·8	41·0	41·7	42·1	42·8	43·1	43·3	43·6	43·5	43·1	42·6	42·1	41·5	41·5	41·5	41·5	41·5	41·5	41·9
Oct.	34·1	34·0	33·9	33·7	33·5	33·2	33·0	33·0	33·2	33·3	33·6	33·8	34·2	34·1	33·8	33·9	33·8	33·4	33·4	33·5	33·4	33·5	33·4	33·6	33·8	33·6
Nov.	27·5	27·6	27·5	27·5	27·5	27·3	27·2	26·9	26·4	26·6	26·7	27·1	27·1	27·4	27·5	27·2	27·4	27·5	28·0	27·9	28·0	28·0	28·0	28·0	27·7	27·4
Dec.	22·3	22·2	22·2	22·1	22·2	22·1	22·0	22·0	22·1	22·1	22·4	22·5	22·8	22·7	22·5	22·4	22·3	22·4	22·2	22·2	22·1	22·1	22·0	21·7	21·7	22·2
Year	31·0	30·9	30·8	30·7	30·6	30·5	30·5	30·6	30·8	31·1	31·4	31·9	32·2	32·3	32·4	32·4	32·3	32·0	31·7	31·5	31·3	31·2	31·1	31·0	31·0	31·3

TEMPERATURE—FORT-WILLIAM.

Aug.	52·7	52·5	52·3	52·0	51·7	51·5	51·8	52·6	53·6	55·3	56·5	57·7	58·5	59·2	59·2	59·9	59·4	58·9	57·9	56·5	55·7	54·4	53·7	53·1	52·6	55·3
Sept.	54·9	55·0	54·7	54·6	54·4	54·6	54·4	54·7	55·6	56·7	57·6	58·6	58·9	59·3	59·4	59·9	59·8	59·2	57·9	56·6	55·7	55·3	54·9	54·7	54·7	56·6
Oct.	48·5	48·6	48·4	48·5	48·5	48·2	47·8	48·0	48·2	48·9	49·6	50·2	50·6	50·8	51·1	51·2	51·0	50·2	49·8	49·5	49·1	49·0	48·8	48·6	48·6	49·3
Nov.	42·5	42·3	42·2	42·3	41·9	42·2	42·2	42·3	41·8	42·2	42·7	43·4	43·7	44·2	44·2	44·2	43·6	43·4	43·0	42·8	42·8	42·6	42·4	42·5	42·6	42·8
Dec.	38·1	38·2	38·0	38·0	37·5	37·5	37·4	37·8	37·6	37·5	37·5	38·3	38·7	39·0	39·1	39·0	38·5	38·1	37·9	38·3	38·1	38·1	38·1	37·9	37·8	38·1

WIND FORCE—BEN NEVIS.

Jan.	3·73	3·82	3·61	3·73	3·50	3·35	3·11	3·34	3·03	2·97	2·82	3·03	3·26	2·94	3·18	3·19	3·48	3·45	3·53	3·10	3·21	3·18	3·26	3·35	3·76	3·31
Feb.	2·53	2·54	2·50	2·39	2·55	2·52	2·55	2·75	2·55	2·52	2·46	2·64	2·46	2·50	2·50	2·45	2·57	2·64	2·54	2·46	2·66	2·71	2·66	2·77	2·59	2·56
Mar.	2·97	2·98	2·95	3·02	2·92	2·48	2·52	2·63	2·58	2·89	2·71	2·65	2·48	2·40	2·34	2·29	2·31	2·21	2·45	2·29	2·71	2·79	2·89	2·90	2·97	2·64
Apr.	2·33	2·10	2·32	2·33	2·33	2·40	2·42	2·42	2·40	2·32	2·28	2·25	2·10	1·98	2·22	2·08	2·07	2·17	2·30	2·32	2·23	2·40	2·43	2·27	2·38	2·27
May	2·45	2·31	2·44	2·48	2·60	2·61	2·73	2·60	2·79	2·63	2·81	2·74	2·53	2·47	2·37	2·11	2·18	2·39	2·21	2·27	2·19	2·10	2·34	2·32	2·32	2·44
June	2·13	2·22	2·28	2·20	2·05	2·25	2·43	2·25	2·15	2·18	2·20	2·38	2·52	2·43	2·50	2·13	2·17	2·18	2·28	2·30	2·02	2·27	2·38	2·37	2·20	2·26
July	1·35	1·53	1·56	1·65	1·63	1·89	2·06	1·73	1·63	1·29	1·27	0·97	0·98	1·15	1·29	1·23	1·34	1·23	1·24	1·39	1·40	1·42	1·35	1·39	1·35	1·42
Aug.	1·42	1·44	1·47	1·56	1·56	1·53	1·52	1·40	1·42	1·19	1·13	1·03	0·95	1·00	0·85	0·81	1·05	1·23	0·98	1·27	1·40	1·48	1·42	1·53	1·40	1·27
Sept.	2·87	2·57	3·05	2·98	3·13	2·63	2·83	3·08	3·15	2·88	2·95	2·85	3·18	3·03	3·07	2·68	2·83	2·62	2·52	2·78	2·70	3·05	2·87	2·87	2·87	2·88
Oct.	2·47	2·31	2·69	2·56	2·39	2·37	2·39	2·45	2·39	2·24	2·47	2·23	2·47	2·35	2·87	2·74	2·40	2·52	2·23	2·31	2·32	2·74	2·56	2·74	2·52	2·47
Nov.	3·08	2·93	3·05	3·08	3·07	2·92	2·80	2·97	3·15	3·28	3·44	3·40	3·40	3·22	3·30	3·13	3·27	3·28	3·23	2·95	3·03	2·98	2·92	3·00	3·07	3·12
Dec.	3·31	3·40	3·27	3·48	3·31	3·11	3·29	3·39	3·27	3·50	3·48	3·15	3·16	3·19	3·05	2·79	3·03	3·02	3·13	2·98	3·21	3·31	3·16	3·39	3·37	3·23
Year	2·55	2·51	2·60	2·62	2·59	2·50	2·55	2·58	2·54	2·49	2·50	2·44	2·46	2·39	2·46	2·30	2·39	2·41	2·39	2·37	2·42	2·54	2·52	2·58	2·57	2·49

MONTHLY AND ANNUAL MEAN VALUES AT BEN NEVIS OBSERVATORY, 4407 FEET, AND AT FORT-WILLIAM OBSERVATORY, 42 FEET ABOVE SEA LEVEL. 1890.

WIND DIRECTIONS—BEN NEVIS.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
N	79	131	116	73	94	105	214	187	70	259	168	96	
NE	34	42	91	88	54	58	44	23	5	65	58	53	
E	12	34	52	118	228	56	29	67	21	8	61	112	
SE	27	220	83	153	159	59	17	69	123	17	83	229	
S	98	70	84	91	80	52	38	47	108	35	84	107	
SW	225	61	111	92	49	122	128	105	117	88	95	91	
W	125	47	108	50	36	149	117	98	157	131	87	27	
NW	123	42	74	10	16	70	53	40	101	118	65	15	
Calm or Var.	21	25	25	45	28	49	104	108	18	23	19	14	

HOURS OF SUNSHINE—BEN NEVIS.

	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	Total.	Per Centage of Possible.
January	–	–	–	–	–	–	0·80	1·00	1·00	1·02	0·07	–	–	–	–	–	–	–	3·89	2
February	–	–	–	–	0·83	5·34	8·07	7·63	7·84	7·66	8·17	7·61	8·07	5·60	0·70	–	–	–	67·52	26
March	–	–	–	0·25	2·28	2·87	3·24	3·10	4·56	3·39	4·13	4·21	3·42	3·00	1·17	–	–	–	35·62	10
April	–	–	0·25	3·25	6·02	4·88	6·12	7·82	7·94	7·54	7·27	8·18	7·87	4·50	3·43	2·90	0·38	–	78·35	18
May	–	1·69	3·58	9·28	9·38	8·52	8·56	10·57	8·68	8·66	10·33	8·76	9·50	8·10	7·59	7·09	4·78	0·96	126·03	25
June	–	1·08	2·17	2·27	2·13	0·95	2·66	3·59	2·12	1·59	0·62	0·09	1·22	0·41	0·17	0·57	1·87	0·57	24·08	5
July	–	0·47	1·89	3·42	2·66	3·42	3·21	2·58	2·94	3·85	2·63	3·56	3·32	2·66	1·91	1·85	1·41	0·50	42·28	8
August	–	–	–	2·04	3·86	4·36	4·84	4·55	4·74	5·18	4·93	4·43	2·67	1·94	0·99	1·41	–	–	45·94	10
September	–	–	–	1·65	4·78	5·88	7·28	7·63	7·96	8·91	9·06	8·31	7·88	7·75	5·09	1·04	–	–	83·22	22
October	–	–	–	–	1·76	2·51	3·37	5·01	4·97	4·31	4·31	4·17	3·42	1·32	–	–	–	–	35·15	11
November	–	–	–	–	–	1·25	2·53	3·18	4·21	5·03	5·67	4·26	0·65	–	–	–	–	–	26·78	11
December	–	–	–	–	–	–	3·79	4·18	4·38	3·88	3·08	2·02	0·17	–	–	–	–	–	21·50	10
Year	–	3·24	7·89	22·16	33·70	39·98	54·47	60·84	61·34	61·02	60·27	55·60	48·19	35·28	21·05	14·86	8·44	2·03	590·36	13

HOURS OF SUNSHINE—FORT-WILLIAM.

August	–	–	0·60	4·80	7·30	7·20	9·30	10·50	12·80	12·10	12·20	13·80	11·10	8·70	5·50	1·50	–	–	117·40	29
September	–	–	–	0·70	5·70	9·00	10·50	9·80	10·60	12·30	11·40	12·60	10·50	7·40	1·50	–	–	–	102·00	32
October	–	–	–	–	0·10	4·00	6·00	6·70	6·40	6·40	8·40	7·50	5·30	1·20	–	–	–	–	52·00	20
November	–	–	–	–	–	–	1·60	5·60	5·90	6·99	7·60	6·30	0·20	–	–	–	–	–	34·10	20
December	–	–	–	–	–	–	–	0·20	7·90	10·50	5·90	1·10	–	–	–	–	–	–	25·60	21

BEN NEVIS OBSERVATORY.—LOG-BOOK, 1890.

Jan. 2.—Thermometer box shifted at 16^h 20^m. Height above snow not altered. Bright afterglow and earth shadow seen at 16^h 15^m. Sky cloudless all night after 16^h, but air hazy to W. At 21^h a bright spot of white light was seen to N.W., probably the top of an auroral arch. There was also a faint auroral light to N. at 22^h.

Jan. 5.—Blowing very hard (force 11) from the S.E. or S.S.E. till 4^h, it being almost impossible to stand on the roof at some of the hours. After this it moderated a little, but continued to blow in heavy squalls from the S. or S.W. all the rest of the day. Apparently no snow fell till about 5^h; the gauge was first put out at 6^h, but its readings are very doubtful owing to the strong wind and drift. Several heavy showers of hail and hard snow fell. The top was clear occasionally, the sky showing very ugly cumulus. From 15^h 45^m on to about 19^h 25^m many flashes of lightning were seen, some very bright. At 19^h 25^m a spark or flash from the office stove struck Mr. Miller, who was sitting at the desk in office. The shock passed from his neck downwards, but did him no injury. No lightning was seen after this flash. During the lightning the telegraph instrument was short-circuited to prevent injury from currents, and on making connection again shortly before 21^h, it was found that signals could not be transmitted, the wire was broken and insulated somewhere, thus stopping the current. The daily report was therefore not sent.

Jan. 6.—Hard, heavy snow fell in the morning, but at 10^h the top was clear, the sky showing a little cir.-cum. The telegraph wire remained in the same state as yesterday. Thermometer box shifted at 11^h 25^m. Height above snow not altered.

Jan. 7.—Strong S.W. winds all day, very heavy rain in early morning. The telegraph instrument continued in the same state as yesterday, but at intervals in the afternoon the needle gave single clicks, apparently due to earth currents.

Jan. 8.—To-day Mr. Mackenzie, telegraph lineman, and his assistant came up to inspect and test the telegraph instrument. They found everything right inside the observatory, but were unable to examine the cable outside owing to the snow. The day being stormy, they remained over night at the observatory.

Jan. 9.—Louvres of thermometer box badly choked with hard ice all day. Mr. Mackenzie, telegraph lineman, and his assistant left the observatory to-day. Before going they dug up the cable between the hotel and observatory and tested it, finding that the connection of both cable and earth wire from there to the observatory was perfect. The fault is therefore further down than that place. No signals all day, and no report sent.

Jan. 10.—Very heavy snow and sleet fell in early morning. Thermometer box shifted at 14^h 30^m. Height above snow not altered. Yesterday and to-day up to this time the louvres of the box had been badly choked with hard ice. Sky cloudless from 16^h to 19^h, but fog on the hills round. A lunar corona and fogbow were seen at 23^h. This afternoon the telegraph cable was repaired, and signals could again be transmitted to Fort-William.

Jan. 13.—Very heavy rain and hail till 4^h, and showers of snow and hail after that, but the measurements of the latter are doubtful owing to drift. Top clear at 9^h, but fog all round. Thermometer box shifted at 9^h 15^m. Height above snow not altered.

Jan. 14.—A sudden gale from the W.S.W. sprang up a little before noon. At 12^h the raingauge was found blown over, and no gauge was put out till 15^h. Heavy rain and hail fell, but the measurements of the gauge were very uncertain owing to drift, even when the temperature was above the freezing point.

Jan. 17.—Sky cloudy with low cumulus from 7^h onwards, and occasional fog blowing over the hill top; but no fog below in the valleys. The only hour the sky was clear was 22^h, when an aurora was seen.

Jan. 18.—The dry and wet bulb readings at 7^h to-day are interpolations, it being found impossible after repeated trials to keep the lantern alight. The raingauge was not used, owing to the drift and strong winds—but little snow fell. Lightning was seen at 19^h 3^m, 19^h 9^m, and at 19^h 29^m, and may possibly have occurred again afterwards. Wind very squally at night.

Jan. 19.—The snow which fell in the early morning was dry, large, and hard. No gauge was in use till after 18^h, owing to the drift. The barometer was pumping till 14^h very heavily at times—fully a tenth of an inch. After daylight came in it was noticed that the lightning conductor was blown over and lying bent up on the N.E. side of the tower chimney. On examination in the afternoon it was found that the copper rod was bent over at more than a right angle, the holdfast at the curve of the chimney broken, and the ring to which the stays are fixed sliding loose on the rod. The insecure fastening of this ring was probably the cause of the damage. The stays not acting as a support, the large surface of fog crystals enabled the wind to bend over the copper rod. At 16^h the conductor was lashed to the anemometer posts to prevent it shaking and getting further injured.

Jan. 20.—Some faint and apparently distant flashes of lightning were seen at 22^h and 23^h. The hill got covered with soft dry snow about a foot deep in most places, but forming deep wreathes in sheltered corners.

Jan. 21.—After 8^h the raingauge was taken in and

none was out till 22^h, owing to drift. Between 18^h 20^m and 18^h 45^m, about eight flashes of lightning were observed, but no thunder was heard. St. Elmo's Fire was seen on the snow crystals on the anemometers at 20^h.

Jan. 22.—Thermometer box shifted at 0^h 25^m. Height above snow not altered. A bright light was seen along the Northern horizon till 2^h; probably an aurora showing below the edge of the clouds which covered the sky overhead. A snow-bunting was seen at 10^h for the first time this year. A faint solar halo was seen at 12^h. It was noticed this morning that the snow extended almost to sea-level.

Jan. 23.—An aurora, single arch, no streamers, was seen at 4^h and 5^h. The sky was almost cloudless till 12^h, but after sunrise fog lay in the valleys to S.E. A solar halo was seen at 13^h.

Jan. 24.—The top was almost clear at 11^h, and a solar halo was seen. At 20^h the wind was S.S.E. (force 6), and the loose snow on the hill top was rolling about in waves several feet deep; the bottom of the thermometer box was almost flush with the surface near it from 20^h to 23^h, but there was always a hollow about 2 feet deep immediately under the box, after 23^h it was put one stage higher on the stand. At 21^h and 23^h the dry bulb only was read, the wet being buried in snow, and it being impossible to stay out long enough to clear it and get a reading. At midnight rain had come on, and the wind shifted to S.W.

Jan. 25.—Strong squalls and heavy rain and hail in early morning. At 5^h the sling notebook was blown away. At 2^h 40^m an earth current moved the needle of telegraph instrument, and at 6^h and 7^h 13^m distant lightning was seen, the latter being accompanied by earth currents on telegraph instrument. St. Elmo's Fire was seen on the anemometers at 20^h, the hissing noise was loud and distinct, hail was falling at the time, and not the usual conical snow. From 11^h to 20^h no raingauge was out, owing to the hard, icy drift that was flying.

Jan. 27.—Thermometer box shifted at 10^h 20^m. Height of old box 35 inches, and of new box 45 inches above snow. At 17^h the top was clear and continued so till 23^h, but thick cum.-fog lay over the southern hills, and thin fog blew across Ben Nevis at times. A lunar corona was seen at 17^h and 18^h; and a lunar halo at 21^h and 23^h. No measurements were got of either; the halo was faint and badly defined.

Jan. 28.—An aurora, single arch, no steamers, was seen at 6^h. Thin fog blowing about the hill all day, and sky rather ugly above when seen. At 10^h a solar corona was seen, and at 19^h a lunar halo; a little snow fell at night, but measurements are very doubtful, owing to depth.

Jan. 29.—The snow at the first gorge was measured this afternoon and was found to overhang the edge by about 17 feet. The drift of snow lying between the first gorge and the hotel is about 10 feet deep.

Jan. 31.—The top was clear occasionally in the afternoon, and the sky full of clouds except passing cumulus and scud; but fog lay over all the hills round, and blew across Ben Nevis also. A lunar corona was seen at 18^h.

Feb. 3.—Thermometer box shifted at 1^h 20^m. The rain which fell all afternoon encrusted everything with a layer of hard ice several inches thick. The windward louvres of the thermometer box got very soon choked, but the lea side kept open.

Feb. 4.—Thermometer box shifted at 8^h 48^m. Height above snow not altered. The fresh box was put on the stand at 8^h 48^m, but it had been resting on the snow for about a quarter of an hour previous and so was cooled sufficiently to give the temperature at 9^h. Some glories, too fleeting to measure, were seen between 10^h and 11^h, and a lunar corona occasionally at night.

Feb. 5.—Thin fog all day with the sun or moon gleaming through it. When sending the daily weather report at about 21^h 20^m a strong earth current was keeping the needle over to the "dot" side most of the time.

Feb. 6.—Sky clear all day, but fog over the hills round to about 4000 feet, which occasionally rose and blew over Ben Nevis also. Lunar halo at 1^h. Radius to inner edge $= 23° 58'$. Lunar and solar coronæ were also seen several times; in the afternoon some solar fogbows and glories were seen, but all were misty and badly defined, no measurements were got. The sunrise and sunset were both hid by fog blowing up, but the afterglow was seen at 17^h 30^m. Thermometer box shifted at 3^h 20^m. Height above snow not altered.

Feb. 7.—Fog lying on hills at about 3500 feet all day, only occasionally thinning out to the N., sky clear and with no unusual colours in it. The zodiacal light was seen at 19^h as a cone of white light rising above the S.W. horizon.

Feb. 8.—The fog over the hills lay at about 3500 feet in early morning; it gradually thinned out during the day and turned into haze. A few strips of cirrus were seen near the horizon occasionally. The sun was just seen at 7^h 57^m, and set at 5^h 12^m. The earth shadow and shadow of Ben Nevis were seen both at sunrise and sunset. The air was very dry all day, every hour the readings were beyond Glaisher's tables, and the wet bulb had to be wetted from 10 to 20 minutes before the hour.

Feb. 9.—Sky clear all day except for some cirrus in forenoon moving from the S.E., but haze in the valleys and fog on the hills to E. and S., which towards evening covered Ben Nevis also. At 8^h 30^m two ravens and at 7^h 45^m snow-bunting seen. Mock sun seen at 9^h 5^m. Distance from sun—centre to centre—22° 50′. Glories, too fleeting to measure, were seen in afternoon. At 19^h the zodiacal light was observed.

Feb. 10.—Sky clear above, but fog blowing over the hill top most of the day. A double lunar corona seen at 1^h and 2^h, and a solar corona at 12^h. The zodiacal light was seen at 19^h and 20^h. Faint afterglow about 17^h 30^m. The fog crystals to-day were dry and quite loose.

Feb. 11.—Haze and fog on hills all morning, up to 2^h, and after 14^h fog blew over Ben Nevis also, very thick at times. The fog crystals formed out of it were rather hard and firm, but not icy. Glories, too fleeting to measure, were seen in afternoon. An aurora was observed at 23^h and midnight, single, badly defined arch, no streamers.

Feb. 12.—Aurora seen at 1^h; it may have continued longer, but as the moon rose before 2^h, it could not be seen later. Fog lay over the hills to S. all morning,

and gradually spread to those to W., after 13^h Ben Nevis was also covered almost continuously, but the sky appeared to be clear above.

Feb. 13.—This afternoon it was noticed that the fog crystals were slightly brown in colour.

Feb. 14.—Thin fog blowing over the hill top, but sky apparently clear above most of the day. A light, probably auroral, was seen to N. at 22^h.

Feb. 15.—Sky pretty clear, but fog blowing over the hill top till 11^h, and continuous fog after that. Faint aurora seen at 2^h and 3^h. Thermometer box shifted at 10^h 10^m. Height above snow not altered.

Feb. 16.—At 21^h streak of light under clouds at N. horizon, probably auroral.

Feb. 18.—During both yesterday and to-day the strong S.E. wind and thick fog has covered all exposed surfaces with masses of fog crystals; on the anemometer posts and the spare thermometer stand they are fully 3 feet long.

Feb. 19.—Sky seen occasionally in the middle of the day about three-fourths covered with cirro-cumulus. Fog crystals still growing rapidly.

Feb. 20.—In afternoon the top of tower was partly cleared of fog crystals; they filled the entire top, except a small portion to the N.W., the growths from the three anemometer shafts and the chimney having joined. The crystals on the Robinson anemometer were fully 7 feet long. Crystals have also formed on the surface of the ground, hiding the old hard snow, and mixing with the slight sprinkling that fell to-day.

Feb. 21.—Thermometer box shifted at 7^h 10^m. Height above snow not altered. Very thick dazzling fog in the middle of the day, but sky clear at night occasionally, though always fog blowing over the hill top. Thermometer box shifted again at 22^h 15^m. Height above snow not altered.

Feb. 22.—Top clear in afternoon and air dry, but fog on hills round at about 4000 feet, and sky partly covered with cirrus and cirro-cumulus moving from the N.W. and N. The fog came on again before sunset, and at 22^h had turned to damp mist.

Feb. 23.—Thin mist and drizzling rain most of the day, but clear sky seen above at night.

Feb. 24.—Thin mist with slight drizzle of rain, coating all exposed surfaces with ice till 3^h, but stars seen gleaming through it. From 5^h onwards the air was dry, exceedingly so in the afternoon. Fog lay over the hills below at from 3000 to 4000 feet height all day, but broke into detached portions at night. The afterglow and earth shadow were seen at sunset. Thermometer box shifted at 4^h 15^m. Height above snow not altered. To-day Mr. A. Rankin returned to the observatory bringing with him Mr. Aitken's dust counter (portable form).

Feb. 25.—Summit clear, and sky entirely cloudless all day. Air very dry to-day, the maximum humidity being only 58 (at noon), while the minimum was 25 (at 7 a.m.), 97 per cent. of the possible sunshine was recorded. A glory (two rings) was seen at 8^h, and the earth shadow at sunrise and sunset. Fog lay on the E. and N. hills most of the day, and a little haze was seen low in valleys to S.W. in afternoon.

Feb. 26.—Cloudless till 6^h. All morning fog lay on northern hills, and after 4^h it gradually spread southwards and rose in height, till at and after 7^h it enveloped Ben Nevis also.

Feb. 27.—Thermometer box shifted at 17^h 10^m. Height above snow not altered.

March 1.—Summit clear almost all day. Air dry at times in afternoon. The thermometers (not the box) were changed at 8^h 10^m. A lunar halo was seen at midnight on very thin filmy cirrus, which radiated from N.E. and S.W.

March 2.—Hill top clear all day. Small quantities of cirrus on sky, radiating points at 16^h being E.S.E. and W.N.W. After 20^h this cirrus was very filmy, and on it the moon formed a corona, but no halo. A glare of 20° radius surrounded the moon all night. Air very dry at midnight. Humidity = 36.

March 3.—The filmy cirrus, lunar corona, and glare continued on sky till 5^h. Till 2^h the hills around were very clear, but at 3^h sheets of str. fog were seen to N., W. and S., which became very general at 4^h and 5^h, and enveloped the Ben at 6^h and during the rest of the day. In the evening a mouse was seen in the lumber room.

March 4.—From 11^h till 13^h heavy rain fell, the temperature being close to the freezing point (32°·0 to 32°·3). During the rest of the day, snow or hail was falling somewhat heavily at times.

March 5.—Most of the afternoon and night the temperature was between 30° and 32°, and thin drizzling rain was falling, which formed a thick crust of ice on all exposed surfaces—badly choking the thermometer box.

March 6.—Thermometer box shifted at 7^h 20^m. Height above snow not altered.

March 7.—Thermometer box shifted at 16^h 15^m. Height above snow 44 inches. Heavy rain fell at 16^h and 17^h, and heavy snow during the rest of the day.

March 9.—Str.-cir. observed at 2^h and 3^h radiated from N.E and S.W., and moved from N.W. Ben clear most of the forenoon, but fog on, except at 14^h and 15^h, during the afternoon. Thermometer box shifted at 1^h 15^m. Height above snow not altered. Snow covered the country all round to-day to sea-level.

March 11.—Raining heavily all day. At 3^h and 4^h the hourly amounts measured were 0·500 in. and 0·526 in. respectively. For six consecutive hours ($1^h - 7^h$) the hourly amounts exceeded 0·300 in. The total for the day was 5·210 inches.

March 17.—Thermometer box shifted at 13^h 15^m. Height above snow not altered. The zodiacal light was seen in the West at 21^h.

March 18.—At 15^h, observed that this morning's growth of fog crystals was brown.

March 19.—Ben clear from 3^h till 23^h. Thermometer box shifted at 4^h 15^m. Haze all round to-day, very thick in forenoon, moderately so in afternoon. Three snow-buntings seen flying about hill top at 8^h. Zodiacal light seen at 21^h.

March 21.—Thermometer box shifted at 9^h 10^m. At 19^h and 20^h, light drizzling rain falling, the air temperature being 27·9 and 27·4.

March 23.—Thermometers shifted after the 7^h observation. The dark part of the moon was unusually distinct this evening.

March 24.—Brown fog crystals forming to-day.

March 27.—A lunar halo was seen at 22^h.

March 28.—Thermometer box shifted at 0^h 15^m. Height above snow not altered. A lunar corona was seen faintly at 22^h.

March 30.—Thermometer box shifted at 23^h 15^m. Height above snow not altered. A lunar corona was seen at 21^h.

March 31.—Shadow of Ben seen above the horizon at sunrise. Great "visibility" in all directions till 8^h, and to N. and N.E. till 16^h. At 14^h, 15^h, and 16^h, a thick bank of haze was seen to W., and S.W. approaching. At 17^h it reached Ben Nevis and at same time the summit was enveloped by very thick fog.

April 1.—A lunar corona was seen at midnight. Thick haze all round below to-day. At 11^h the distance between the edge of cliff and post at "first gorge" was measured, and showed that the snow overhangs about 26 feet.

April 3.—Summit clear all day, and except for a little cirrus, about midday sky cloudless. Thick haze all round. Air very dry to-day. At 7^h and 8^h the humidity was 31 per cent.

April 4.—Summit clear and air dry till 15^h, fog afterwards. In early morning there was some cirrus on sky, and at 1^h its radiating points were N. and S., but at 2^h, N.E. and S.W. At 2^h a lunar corona was seen.

April 5.—Top cleared after 4^h and air was dry, except at 9^h, till 22^h; lowest humidity 26 at 6^h. Part of solar halo seen at 15^h. Haze all round, but not so thick as during last few days.

April 6.—Top clear at 6^h and 7^h. At these hours a solar halo with two mock suns was observed. Radius from centre to outside edge = 24° 51′.

April 8.—Thermometer box shifted at 20^h 10^m. Height above snow not altered. Between 20^h and 22^h, there was a peculiar fall and rise in temperature. The barometer readings at those hours were the same, 25·294, but at 21^h it was 25·248. The temperature readings were 20^h, 19°·9; 21^h, 19°·8; 22^h, 19°·5; but the minimum, which was put out at 20^h, gave 17°·1 at 21^h and 13°·1 at 22^h. The barograph shows that at about 20^h 5^m there was a sudden rise and fall of about ·050 inch (a mere kick up and down again), and at 20^h 55^m a fall, which continued till 21^h 15^m to 20^m, of about ·080 inches, and then a more gradual rise till after 22^h. Previous to this the curve was somewhat shaken. At 21^h the wind was N.E. force (2–4), while the sky was $\frac{7}{10}$ covered with strato-cumulus, the appearance to N.W. being exceedingly gloomy, while to S. the sky was open and clear.

April 11.—The zodiacal light was seen at 22^h.

April 12.—Ben clear of fog and air dry except at 22^h and 23^h. Between hotel and first gorge depth of snow was found to be 167 inches, and nearer bucket stage 181 inches. Thick haze to S.E., S., and S.W. in distance all afternoon, very little to N.

April 13.—Shadow of Ben seen above the horizon at sunrise. The humidity was very unsteady in forenoon, at 7^h it was 36, and at 9^h the air was saturated. Passing showers were seen in various directions during afternoon.

April 15.—At 17^h a glory was seen. At 20^h and 21^h the sky was covered with the hard detached (rare) form of cirro.-str. cloud. Its radiating points being S.W., N.E., not well defined.

April 20.—Brown fog crystals forming to-day. A little drizzling rain fell at night.

April 21.—The summit was clear from 3^h to 6^h, but sky was partly covered with hard detached sheets and lumps of cir.-s. or str.-cir. ("rare" type). Fog or mist during the rest of the day. In forenoon heavy rain and hail fell, but the raingauge measurements were rendered useless by heavy surface drift; at times the drift seemed to be all pieces of ice torn from the surface by wind.

April 24.—Thermometer box shifted at 4^h 15^m, put one step higher on ladder stand than it was before.

April 26.—At 13^h to-day a sound was heard in neighbourhood of kitchen chimney similar to that made by St. Elmo's Fire. It lasted for about 2 minutes.

April 27.—A mock sun brightly coloured seen to N. of sun (about 22°) from 19^h 40^m till *after* sunset ($20^h + 4^m$ or 5^m). It was formed on a thin horizontal streak of cir.-s. Lunar halo with mock moons seen at 23^h and midnight.

Radius to *inside* of mock moons 25° 13′.
" " halo 22° 36′.

There were gaps in the halo (or inside edge of halo) where the mock moons were seen. Immediately inside the halo all round there was a band of darkness (*i.e.*, this band was distinctly darker than any other part of the cirro-stratus film on which halo was formed). The cirrus on sky at night radiated from N. by W. and S. by E., and took the form of long filmy bands through which the stars could be seen, and stretching at times right across the sky from radiating point to radiating point. The depth of the snow wreath to N.W. of hotel near bucket stage was to-day found to be 218 inches. The snow at first gorge was overhanging 23 feet.

April 28.—The air was dry except at 10^h, 11^h, 23^h, and midnight. From 4^h till 9^h the humidity was very low and steady, being 25 or 26 the whole time. Part of a solar halo was seen at 12^h; and a lunar corona at 23^h.

April 30.—Fog or mist all forenoon but clear after 13^h, sky being overcast, or nearly so with cumulo-str. and scud till 6 p.m., and afterwards with str.-cir. and cir.-c., the latter at 23^h being uppermost and moving quickly from S.S.W., and the str.-cir. motionless. At the same hour a cloud of the "rare" str.-cir. type was seen to S.W. From a mere speck it quickly increased and then gradually faded off, being gone 6 minutes after it was first noticed. It kept the same position all the time, but its growing in one direction and fading in the opposite gave it an apparent motion first in one way and then in the other.

May 4.—Passing showers were seen to N. in forenoon. Haze all day, not so thick in afternoon as in morning. The thermometer box was shifted down one step on ladder stand after the midnight observation.

May 5.—Thin fog on hills to N. and N.E. in forenoon, clinging close to hills and showing on its upper surface the shape of the hills and valleys it covered. At 4^h and 5^h cumulus shaped clouds formed to E. in distance and advanced W. quickly. Each cloud had a thin stratus cap which moulded itself to shape of upper surface of cum. cloud, but did not touch the cloud. Peculiar forms of ascending currents were observed in corrie to N. at 8^h. A click in telegraph instrument at 15^h 15^m was followed

by a peal of thunder, the only peal heard, though all afternoon the appearance was very thundry. Part of rainbow seen at 8^h.

May 6.—A rat was seen at 2^h.

May 7.—Hard str.-cir. was seen to E. at 4^h. A solar halo was seen at 15^h.

May 8.—Top clear, and air dry all day. Fog in N. and N.E. valleys in forenoon, passing showers in distance and on Ben Nevis in afternoon. Sky partly covered with cir.-s. till 8^h, and after 22^h, radiating at 4^h from E. by S. and W. by N., and at 23^h from N. and S., and overcast with cumulus, cum.-s., or nimbus during the rest of the day. A rainbow was seen at 15^h.

May 11.—A solar halo was seen at 14^h and another at 18^h.

May 13.—Thermometer box was shifted down on step at 0^h 10^m. Hard packed cir.-s. on sky at 17^h not showing any well defined radiating point.

May 19.—Mist or fog on Ben or passing all forenoon; clear, and air dry all afternoon. Dry and wet bulbs were changed after 18^h.

May 20.—Fog in valleys to N., E., and S. in forenoon, and thick haze in distance to S. and S.W. at 20^h.

May 21.—The 17^h observation was made at 17^h 5^m.

May 23.—Top clear all day; sky somewhat cloudy. From 3^h to 5^h, fog and haze lay in valleys to 3000 feet to E. and S.E. (the hill tops being clear), and afterwards gradually spread and rose higher, passing top of Ben Nevis at times in forenoon. The haze increased and thickened, being very thick all round in afternoon. The air was dry except at 6^h.

May 24.—All last night the Northern sky was bright with sunset or sunrise colours. At 1^h these were red, yellow, pale green, and blue. A little cirrus on sky till 4^h; but cloudless during rest of day. The upper glow was seen at sunrise and sunset, showing pink streamers in both cases.

May 25.—Upper glow seen at 3^h and 21^h. In early morning atmosphere was very clear about level of hill tops, but there was fog and haze in valleys to N. and N.E., which spread in every direction and rose higher till in afternoon it was all around, and passing top of Ben Nevis at times.

May 26.—Fog passing and air saturated at times till 1 p.m.; summit clear and air dry for the rest of the day, but haze and fog in valleys to N. and E. Faint afterglow noted. At 23^h pearly cirrus was seen (first time this year) in N. and N.E. sky. Photographs were taken at 23^h 27^m and 23^h 54^m. At 11^h 40^m it was about 13° above horizon, and from this point the line of greatest brightness seemed to incline towards a point on the horizon about N.E. by E.

Notes taken of pearly cirrus. 23^h—Ribbed cir.-c. type seems low: stars seen through. Moving apparently from E. slowly. Midnight—Part seen to N. fading, but still bright to N.N.E. Looked at through telescope—seems like wavy sheets of stratus seen edgewise; has apparently a bright and a brighter side: moved through 1° in 2 minutes from a N. or W. of N. direction: one long streak had a dark wavy line running throughout its whole length.

May 27.—1^h pearly cir. to N. gone, but bright to N.E.: traced to 11° above horizon, but brightest part only $7\frac{1}{2}$°: extends now to E. by N., but faint. 2^h, pearly cirrus to E.N.E., from 5° above horizon up to 20°: Very faintly marked to N.N.E., but still there. 2^h 50^m, Plate taken of pearly cirrus to E. by N. 3^h, no pearly cirrus or any kind of cloud in sky, only faint bands and streaks of haze near horizon, and pink "foreglow" streamers.

Sky cloudless most of day. Fog on hills to E. and N. till 4^h, fog all round to 4000 feet at 7^h, passing summit at 9^h, and all gone at 13^h. Thin haze in afternoon, all round below, and thin haze bands in sky near horizon. Hard low str.-cir. seen to E. at 20^h motionless. The cirrus in sky at 21^h radiated from E. Noted afterglow till 21^h 45^m. Streamers were seen from 21^h 30^m till 21^h 35^m. There was more red in W. sky than last night. N. sky bright all night.

May 28.—Faint foreglow at 3^h. The cirrus in sky at 4^h radiated from N. by E., and S. by W. At 5^h there was a band of peculiar haze all around above level of summit, but there was none below. Fog in valleys to W., N. and N.E. at 6^h. It gradually rose and spread, and at 11^h it was all around to 4000 feet, and at and after 14^h it enveloped summit.

May 31.—Thermometer box changed at 9^h 15^m. Height above snow not altered.

June 5.—Clearing in afternoon. A solar halo was seen at 18^h. Thermometers shifted at 19^h. Height above snow not altered. To-day the large dust counting instrument was fixed in the middle room of tower.

June 7.—A solar corona was seen at 21^h, and the afterglow at 22^h. Showers of snow fell in morning.

June 8.—Foreglow was seen at 3^h. A solar halo was seen at 11^h and 12^h:—

11^h radius 22° 38′, one observation.
12^h ,, 23° 48′, mean of five observations.

June 11.—To-day the snow disappeared from about post A, where the depth is measured.

June 13.—A fogbow and a glory were seen at 5^h. A glory was also seen at 20^h. When the observer stood near the tower, the shadow of tower was seen projected on the fog, cutting the glory formed round the shadow of the observer. The plane of shadow of edge of tower could be traced outwards into the fog, and the same could be done with that of the chimney. In both cases the shadows diminished in perspective.

June 14.—Mist or fog till 9^h; sky somewhat cloudy during the rest of the day, but air dry. Fog on hills around especially to N. most of the day. Thick haze was seen to S., approaching, after 20^h.

June 15.—Thick haze all around, below 3000 feet in early morning. Fog sheets were forming on top of this haze at 4^h and 5^h. At and after 3^h the fleecy cum.-cir. on sky was gradually descending and becoming heavier, till at 6^h it lost its cum.-cir. appearance, and formed a dull uniform pallium, which before 7^h descended on Ben and enveloped it during the rest of the day as wet drizzling mist. Splendid sunrise. The clouds at and above horizon were thin, streaky, and almost transparent cir., and cir.-stratus, and these showed almost every shade of colour, in thin delicately tinted streaks, while higher up the under surface of the cum.-c. was all aglow with various shades of red.

June 22.—Summit clear at and after 17^h. Cirrus on sky lying N.W. and S.E., and at midnight there was fog

all round, and beginning to pass summit. A glory was seen at 20^h.

June 27.—Summit quite white with freshly fallen snow at 2^h.

June 28.—Summit clear most of the day. At 17^h 40^m part of a rainbow, double at times, was seen on a passing shower to S. At the same time ragged clouds floating at from 3000 to 4000 feet to S.E. in line with observer's shadow, which fell about thermometer box and did not project beyond hill, were seen to be variously coloured, chiefly red and blue. There was no "ringed" order in the colouring, the red and blue being mixed all over the cloud. The only order that could be made out was that the colours seemed to be arranged round patches and along the edges of narrow stripes in the cloud. They seemed exactly the same as coloured clouds seen sometimes near the sun and moon. The 23^h observation was made at 23^h 5^m.

June 29.—At 1^h pearly cirrus was seen in N. sky from N.E. to N.W., and reaching to 25° altitude. Ribbed structure, motion from N. At 2^h pearly cirrus gone. Summit clear most of the day, but fog on hills all round and passing at times.

June 30.—Strong S.E. to E. winds till 5 p.m., backing thereafter to N.E. and N., 75 miles were recorded by anemometer at noon for the previous hour.

July 2.—Passing showers on Ben Nevis, and in distance all around after 18^h. During a heavy shower of snow at 20^h 10^m, St. Elmo's Fire was heard on chimney, tower, observer's hair and pencil; loud hissing, and, at times, crackling sound heard.

July 7.—Snow falling continuously after 8^h to-day, and heavily after 20^h. There were 3 or 4 inches of freshly fallen snow on summit at midnight. The maximum shade temperature to-day was only 32°·5.

July 13.—Heavy rain falling all day. At and after 11^h the temperature was above 45°. At midnight it was 47°·1; the highest reading in shade since May 25th.

July 16.—Pearly cirrus noted at midnight low to N. about 5° altitude. Not above the green of sky, colours of N. sky being yellow, green, and blue. Shower of snow at 11^h.

July 17.—Pearly cirrus noted at 1^h, as at midnight (16^h). Hoar frost on roof in early morning. Foreglow noted at 3^h 15^m. A halo was seen at 14^h. In morning, radiating points of cirrus were W.S.W. and E.N.E., at 14^h the radiating point was S. by W.

July 19.—Summit clear all day. Detached fog on hills in forenoon. Foreglow seen at 3^h 18^m. Shadow of Ben seen to W. at 4^h. Very clear to S.W. at 21^h.

July 21.—Clearing in forenoon, but fog in valleys. Solar halo seen at 21^h.

July 27.—Solar halo seen at 16^h.

July 28.—St. Elmo's Fire heard at 5^h 18^m, and seen at 23^h. Showers of sleet and rain falling at both times.

Aug. 1.—Summit clear most of the afternoon, but fog on hills around. Sky cloudless after 22^h. At midnight thin fog was rising from N. corry and passing. On this fog a lunar corona was seen, and also a glory and fogbow.

Corona, radius inner red	outside	3°·38.
	inside	2°·7.
,, ,, outer red	outside	7°·15.
	inside	5°·48.

Glory—no colour, only one white ring, two measurements of outside of white ring gave 5° 39′, and 5° 43′ as radii respectively. Inside of fogbow, 33° 42′.

Aug. 12.—Heavy showers throughout the day; rain, and at times, hail. St. Elmo's Fire was heard at 15^h and 16^h.

Aug. 13.—Top clear most of the day, but detached fog on hill below. A rainbow was seen at 18^h.

Aug. 25.—Fog on hills and over Lochs till 10^h, but almost continuous mist on the top thereafter.

Aug. 27.—Ground all white with snow at 1^h, which, however, thawed off in the forenoon.

Aug. 29.—Sun rose from behind a cloud bank at 5^h 25^m. The upper glow was seen at 4^h 50^m, and the Ben shadow and earth shadow shortly before sunrise. Lunar corona seen at midnight. Sky clear in early morning and at night, but fog and scud passing over the hill top.

Aug. 30.—Sky cloudy with scud and cum., and occasional fog on hill top, but air very clear to S.W. in afternoon. Double lunar corona at midnight.

Aug. 31.—Haze and streaks of fog in valleys all morning, light fog on Ben Nevis also about sunrise. Cumulus forming over hills in afternoon, and mist on Ben Nevis at night. Air clear all round in forenoon and early afternoon.

Sept. 4.—Mist all day which sank down at night to about 4000 feet. Glories seen about sunset. A lunar fogbow at midnight.

Sept. 5.—Fog lay over the hills at 4000 feet till noon, after which it broke up into detached portions, but mist came on Ben Nevis in the afternoon, and continued with occasional breaks all night.

Sept. 6.—Mist passing till 4 a.m. Summit clear, and air very dry in the afternoon. Fog lay in valleys all round till 7 a.m. Haze in distance.

Sept. 7.—Sky nearly cloudless except for a little cirro cumulus in early morning. Air very dry in the afternoon, detached fog on hills to N. and E. Haze all round, thickest to W. Fog came on at 21^h, clearing at times.

Sept. 11.—Mist all day till 18^h, clear till 20^h, when the air was dry, and fog on hills to 4000 feet all round. Glories were seen at 19^h.

Sept. 12.—Mist till 7^h, and detached fog on hills nearly all day. Sky clear except for a little cirrus till 18^h, after then sky cloudless. Fogbows were seen this morning.

Sept. 13.—An aurora, single arch with faint streamers, was seen at 1^h. Sky almost cloudless all day, but fog lay in valleys till noon, since then haze began to form in the S.W. and W., and at 18^h very thick haze all round. Air very dry all day till midnight, when fog came on.

Sept. 19.—Fog lying in valleys and over lochs till 7^h, after that mist on summit with occasional breaks and sunny intervals.

Sept. 22.—Mist till 20^h, since then sky overcast and fog in valleys all round.

Sept. 23.—Sky clear except for a little cirrus at 11^h and 12^h; after that fog came on. A solar fogbow and glories were seen.

Sept. 30.—Fog cleared off the Ben at 6^h, leaving sky covered with cumulus stratus; detached fog on hills all round to 4000 feet till 11^h, since then fog has come on summit again.

Oct. 1.—At 2^h rain was falling heavily, and while the observer was on the roof, the hissing noise that accompanies St. Elmo's Fire was heard. Sparks of light were seen on the pencil and other objects held up by the observer, but not on the tower, chimneys, etc. Being nearly full moon, it would not be easily seen at a distance. A similar noise was again heard faintly at 12^h.

Oct. 2.—Lunar corona seen at 5^h. Radius to outside = 7° 14′. Faint solar halo seen at 10^h. Temperature rose rapidly at night, and heavy rain came on.

Oct. 7.—A very small part of an aurora was seen at 20^h, but, owing to fog passing at the time, it was impossible to observe it properly.

Oct. 8.—Summit clear and sky cloudless till 10^h, after that overcast with cirro-stratus till 22^h, when fog came on. Air very dry at 2^h. Fog lay in valleys and on hills, but breaking up into detached portions to N. and E. At 8^h haze was visible to W., which gradually spread all round, obscuring view of hills on opposite side of Glen Nevis, barometer rising rapidly in forenoon. Air very clear to W. in early morning, Barra Head and Tobermory lights visible at 4^h.

Oct. 12.—Mist till 14^h, which then sank down about 300 feet below Ben Nevis, but continued to pass over the hill top at times. Air dry for a few hours in the afternoon. At 20^h mist came on again.

Oct. 13.—Top clear occasionally in forenoon, but thick fog lay over hills all round, and rose to a considerable height above Ben Nevis. Air dry at 8^h.

Oct. 15.—At 5^h, while observer was on the roof, St. Elmo's Fire was seen on anemometer for a few seconds, but was not visible on any other object.

Oct. 16.—The thermometer box was shifted at 13^h 20^m. Height above snow 48 inches.

Oct. 18.—Summit clear after 8^h. Sky partly covered with cirro-stratus till 18^h, and almost cloudless since. Fog in valleys and at times passing over Ben Nevis till 19^h; since then fog only visible on hills to W. and N. Air very dry since 21^h. Humidity about 45 per cent. A halo, but not well defined, was seen at 15^h. No measurements were got.

Oct. 19.—Sky almost cloudless till 3^h, but overcast with cumulus till 9^h, partly covered with cirrus and cirro-stratus till 21^h, and mist since. Haze in valleys and cirro-stratus at horizon almost all day. Detached cum.-fog lay over hills all round except to W., and at 20^h fog was passing over the top of Ben Nevis.

Oct. 21.—Continuous mist till 15^h, after which it sank and covered all the lower hills to 4000 feet for the rest of the day. Sky nearly overcast with cirrus and cirro-stratus till 19^h, and almost cloudless since, except for a little cumulus at midnight; dew forming on thermometer box at 23^h.

Oct. 22.—Fog lay on hills all round to 4000 feet, but sky half covered with cumulus till 3^h, after which the fog rose and enveloped the summit, only clearing off at times till 14^h, but continuous mist since. At 10^h a portion of a fog-bow was seen on upper surface of fog under Ben Nevis. Radius, 30° 21′. Glories were also seen at 11^h.

Oct. 26.—Summit clear at 2^h, but sky nearly covered with cirro-stratus. At 3^h sky was perfectly cloudless, but detached cum.-fog lay on hills all round. At 4^h sky was overcast with cumulus-stratus, and fog passing. At 6^h sky was perfectly cloudless again, but fog came on again at 7^h, and has been almost continuous since. Heavy snow fell all afternoon. A weasel was seen at 15^h passing between iron cage and thermometer stand, quite close to observer who was at the thermometer box.

Oct. 27.—Sky overcast, or nearly so, with cumulus and fog passing at times; heavy layers of fog lying over hills all round. Showers of snow fell at intervals throughout the day. Dry and wet bulbs changed at 23^h.

Nov. 3.—Top clear for several hours in forenoon, but sky overcast and continuous fog on lower hills. St. Elmo's Fire was seen at 21^h. A lunar corona was seen at 6^h.

Nov. 4.—Lunar corona seen at 5^h. A raven was seen in the afternoon.

Nov. 5.—Summit enveloped till 15^h, clear thereafter and sky cloudless till 22^h, but overcast at 23^h and midnight. At 4^h it was *mist* that covered the summit, and an icy deposit was forming on all surfaces, though the temperature was only 26°·9. A glory having three red rings was seen at 16^h.

Nov. 6.—Thin mist, but very wet, on summit at 4^h, depositing an icy crust to windward of things. The raingauge was unworkable after 15^h, owing to the wind and drift. It was taken in and not put out again till midnight.

Nov. 7.—Top clear from 11^h till 17^h, and during some of this time the sky was cloudless. Faint aurora seen at 19^h. Box shifted at 17^h 20^m.

Nov. 11.—E.S.E. gale, force 8 to 11, till 2 p.m. Wind continued from much the same direction during the rest of the day, but with force below 6. The barometer was falling irregularly and pumping wildly till 2 p.m., but thereafter it rose rapidly. Dense fog during storm, depositing brown fog-crystals. A great crop on tower and ladders. There was no raingauge out till 17^h. Apparently a little snow was falling in forenoon and at 15^h and 16^h. Sky cloudless at midnight. Fog around, below, and passing summit at times. Note on hourly sheet, 13^h:—"Solid blocks of ice flying about."

Nov. 13.—St. Elmo's Fire seen brightly at 1^h and 4^h.

Nov. 14.—Very heavy drift about midday, forming great wreaths about the observatory, and stopping the raingauge measurements.

Nov. 15.—Thermometer box shifted after 9^h.

Nov. 18.—Solar halo seen at 9^h, 10^h, and 11^h, and a lunar halo at 18^h and 19^h. At 11^h the following measurements were made:—

Radius, 20° 40′ 48″, 20° 20′ 0″, 20° 30′ 12″.

Nov. 23.—Thermometer box shifted at 21^h 33^m. Height above snow not altered.

Nov. 25.—Top clear of all save passing fog from 9^h to 20^h, but cum.-fog on hills round. Thermometer box shifted at 14^h 20^m. Height above snow not altered.

Nov. 26.—At 1^h the temperature was 23°·1, and small drops of rain were falling; the top at the same time was covered with fog, not mist. Thermometer box shifted at 14^h 15^m. Height above snow not altered. A double lunar corona was seen at 17^h. Air very dry at night, sky cloudless, and no fog in valleys. Several snow buntings have been flying about the hill top for the last few days, and to-day a weasel or stoat was seen, white in colour.

Nov. 27.—Air very dry all day. Fog lay in the valleys to E. and over Loch Lochy from 8^h till noon. Haze gathered, thickest to W., at night, and high cumulus clouds covered the sky.

Nov. 29.—Top clear from 20^h to 23^h, but sky overcast. Strong wind with considerable drift all afternoon and at night. No raingauge was out after 15^h, but apparently no snow fell. The tower thermometer box was put out at 20^h, and duplicate readings taken all night.

Dec. 2.—At 22^h and 23^h a drizzle of small rain was falling, covering everything with ice. The temperatures at these hours were 29°·9 and 27°·3. At midnight snow, small and hard frozen, was falling.

Dec. 3.—Very heavy northerly squalls all day. Fog varying rapidly in thickness most of the day, but at 9^h and 10^h it was mist; the temperature at the time being 19°·2 and 19°·1. Thermometer box shifted at 16^h 20^m. Height above snow not altered.

Dec. 4.—Thermometer box shifted at 18^h 20^m. Height above snow not altered.

Dec. 5.—Top cleared shortly before 22^h, and an aurora, single arch, no streamers, was visible all night. At midnight cum.-fog was rising to E. Thermometer box shifted at 23^h 20^m. Height above snow not altered.

Dec. 6.—The aurora remained visible till 4^h, after which it was lost in the moonlight. Fog gradually formed over the hills to E. and S. in early morning, and by 9^h was blowing over Ben Nevis also. It continued with scarcely any breaks all day.

Dec. 9.—Top cleared about 16^h, leaving sky cloudless, but haze and fog in the valleys and all round. The fog covered the top again before 22^h. Thermometer box shifted at 16^h 20^m. Height above snow not altered.

Dec. 10.—Fog cleared off at 9^h, but came on again at 18^h. Very thick haze all round and in valleys during the interval, and fog occasionally passing over the top. Thermometer box shifted after 9^h. Height above snow not altered.

Dec. 11.—Fog very thick most of the day, but occasionally breaking and letting glimpses of a clear sky above be seen. The fog-crystals to-day were dry and beautifully feathery, and slightly brown in colour.

Dec. 12.—Top clear from 4^h till noon, but most of the time thin fog passing, and dark haze to N. and W. Detached fog lay also on the hills and in the valleys round. Thermometer box shifted at 9^h 15^m. Height above snow not altered.

Dec. 13.—Top clear from 4^h to 23^h, but haze topped by cumulus lay in the valleys to about 4000 feet. The sun rose at 8^h 45^m. A glory was seen at 9^h. At 10^h the air was clear to the E.S.E., though the haze lay thickly elsewhere.

Dec. 14.—From 13^h to 16^h drizzling rain was falling, though the temperature ranged between 25°·7 and 28°·1, covering everything with ice. For the last fortnight some snow buntings have been seen almost daily.

Dec. 19.—Thermometer box shifted at 4^h 25^m. Height above snow not altered.

Dec. 20.—Top cleared at 10^h, but fog continued blowing over till 15^h, and lay over the hills round at about 3500 feet all the evening, thinning away except to S.W. at 23^h. Fog blowing over again at midnight, and lunar corona seen. Thermometer box shifted at 16^h 20^m. Height above snow not altered.

Dec. 21.—Lunar corona seen at 18^h. Thermometer box shifted at 23^h 15^m. Height above snow not altered.

Dec. 22.—At 1^h sky covered with heavy strips of cirrus or cirro-cum. in ark form, lying N.N.W. and S.S.E. Haze and fog lay in the valleys till 5^h, but after that fog covered Ben Nevis also. Drizzling rain and slight hail fell at night. Temperature 27° to 29°.

Dec. 23.—Wet mist and drizzling rain covering everything with ice all forenoon, though the temperature never rose to the freezing point. After 20^h only thin fog on the hill top, and sky hid by scud, but no fog below. Thermometer box shifted at 20^h 20^m. Height above snow not altered.

Dec. 24.—Fog blowing over the hill top most of the day, but sky when seen generally clear above. At 10^h a glory and fog-bow were seen, and at 11^h a glory. At 18^h a lunar corona.

Dec. 25.—Sky apparently clear, but fog and scud blowing over the hill top all day. Lunar corona seen at 19^h. Thermometer box shifted at 20^h 20^m. Height above snow not altered.

Dec. 26.—Lunar corona seen at 1^h. Thin fog blowing over the hill top till 6^h, but sky clear above. Fog and cumulus hanging about the hills round till noon, but after that little or none till 23^h, when a cumulus bank gathered to E., and fog blew over the top at midnight. Hazy to W. all afternoon. The sun rose just before 9^h, and set at 15^h 54^m; it went down behind the most easterly hill of Mull. Thermometer box shifted at 7^h 20^m. Height above snow not altered.

Dec. 28.—At 23^h and midnight the fog had risen clear of the hill top, hiding the sky but leaving a clear view round. No fog below.

Dec. 29.—No fog in valleys all morning, but thin fog often blowing over the hill top, and after 15^h almost continuous fog. From 10^h to 15^h a vertical ray or halo downwards from sun was seen, passing into Glen Nevis between observer and hills on south side of glen; most distinct at its lower end. At 15^h it was noticed that a few star-shaped crystals of snow were falling. In the afternoon a sound like very distant thunder was heard, supposed to be artillery practising at Inverness. Air very hazy all afternoon. Thermometer box shifted at 3^h 20^m. Height above snow not altered.

Dec. 30.—Lunar corona seen at several hours in early morning, formed on scud, and fog blowing over the hill top. Sky clear above this fog and scud, when seen, all day, and no fog below in the valleys.

Dec. 31.—Thermometer box shifted at 1^h 15^m. Height above snow not altered. Lunar corona seen at 5^h, 6^h, and 7^h. Fog blowing over the hill top, but sky clear above and no fog in valleys till 4^h. After that almost continuous fog, but sky still clear when seen. Very heavy squalls from the E.S.E. all morning.

INSTRUMENTS, ETC., 1890.

Barometer No. 1385 was in use during the whole of 1890, No. 1252 being kept as a reserve instrument. The latter is supposed to have a trace of air in its vacuum.

The following Dry and Wet Bulbs were used:—Nos. 192660 and 192672, 192671 and 192677 (these are now only used in the Tower Screen). Up to 4th June 50850 and 50852 were used occasionally, but were then sent down to the Low Level Observatory. Nos. 535541 and 535542 (new instruments) have been in use since 4th June. Max. 117293 and Min. 116918 were used in the large screen in summer, and Mins. 138533 and 138545 in the small screens in winter.

Up to 11th June midnight the thermometers were placed in small screens on ladder stand No. 2; as also after 4th November 11^h. Between these dates the large screen, old clock-box, was in use, except from 16th October 14^h to 22nd October midnight, when a small screen was used.

The usual 5-inch raingauges, rain or snow pattern according to circumstances, were in use.

The Campbell-Stokes Sunshine Recorder has been used all through the year.

Max. Black Bulb in vacuo No. 186 has been used when possible, and for several months in summer Black Bulb No. 484108—common thermometer in vacuo.

The Direction and Force of the wind have been estimated, as usual, on the roof at the hourly observations, and the Robinson H. C. and Chrystal Direction Anemometers used when practicable, but the clock of the latter has been disconnected, and now serves as office clock.

On 17th July the Standard clock was sent to Ritchie and Son for further repairs. Since its return it has been kept at the Low Level.

The Rainband has been estimated daily, as usual, with a direct vision spectroscope.

The Stephanome was employed for measuring glories, halos, coronæ, etc., as usual.

Several Photographs have been taken.

The Richard Barograph has been used throughout the year.

The Richard Thermograph was not used, and on 5th June was sent down to the Low Level Station.

The Depth of snow was taken at Post A., except for a short while in October, when it was taken near Ladder Stand No. 2.

The Telegraph instrument worked well; in the month of June the wire was extended to the Low Level Station. On the evening of 5th January, the telegraph cable was damaged during a thunderstorm, and communication was not restored till the afternoon of the 10th.

The Ozone test papers have been frequently blown away or bleached, and the raingauge measurements interrupted by drift. At 7^h, on 18th January, the Dry and Wet Bulbs were not read, it being found impossible to keep the lantern alight in the heavy squalls blowing. With the above exceptions the record is complete, though the observation, or part of it, was occasionally a few minutes late.

On 8th August a doorway was cut in the S.E. side of upper story of tower, and an arrangement made by which a screen could be exposed there in stormy weather. No use has been made of it yet, but preliminary trials show that at night, in strong winds, the error introduced by using it instead of the ordinary screen would never exceed half a degree.

On 24th February a portable Dust Counter was brought up, and on 4th December it was sent down to the Low Level.

On 5th June a larger Dust Counter was erected in the middle room of tower, with pipes leading to the outer air at the N.N.W. and S.E. sides.

The Lightning Conductor was bent during a severe gale on 19th January, and is still leaning over to one side.

The Staff of the Observatory consists of R. T. Omond, A. Rankin, J. Miller, and since 17th January, S. Nisbet. W. Wilson went down on 1st January. Messrs R. C. Mossman, J. Macdonald, Alex. Drysdale, J. Duncan, and Wm. Stewart have taken the places of the observers at various times. From 16th August to 30th September R. Crerar acted as telegraphist.

BAROMETER. Reduced to 32°. 4407 feet above Sea Level. First figure omitted. JANUARY 1891.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	5·507	5·479	5·493	5·497	5·480	5·471	5·459	5·480	5·505	5·512	5·508	5·517	5·526	5·524	5·530	5·533	5·528	5·534	5·547	5·551	5·556	5·552	5·554	5·546	5·516
2	5·538	5·529	5·528	5·531	5·530	5·527	5·528	5·534	5·541	5·547	5·552	5·547	5·542	5·536	5·538	5·539	5·544	5·548	5·552	5·554	5·558	5·559	5·560	5·551	5·542
3	5·543	5·531	5·528	5·521	5·513	5·501	5·501	5·498	5·483	5·475	5·468	5·456	5·439	5·422	5·408	5·400	5·390	5·383	5·381	5·383	5·392	5·393	5·396	5·399	5·450
4	5·395	5·399	5·417	5·428	5·419	5·432	5·455	5·461	5·482	5·490	5·500	5·519	5·499	5·499	5·492	5·512	5·525	5·505	5·536	5·516	5·555	5·555	5·569	5·559	5·488
5	5·578	5·571	5·596	5·552	5·602	5·626	5·629	5·636	5·659	5·675	5·687	5·684	5·699	5·695	5·709	5·721	5·734	5·743	5·758	5·769	5·777	5·774	5·777	5·785	5·685
6	5·781	5·780	5·784	5·778	5·770	5·775	5·773	5·778	5·786	5·792	5·785	5·773	5·763	5·757	5·748	5·755	5·733	5·732	5·725	5·722	5·714	5·702	5·686	5·676	5·753
7	5·668	5·643	5·627	5·614	5·598	5·588	5·591	5·587	5·575	5·559	5·539	5·513	5·478	5·455	5·410	5·401	5·393	5·365	5·347	5·326	5·303	5·286	5·254	5·226	5·473
8	5·200	5·178	5·159	5·117	5·105	5·089	5·077	5·061	5·051	5·064	5·044	5·036	5·031	5·027	5·028	5·041	5·064	5·075	5·087	5·098	5·122	5·143	5·162	5·173	5·093
9	5·191	5·206	5·234	5·250	5·275	5·296	5·322	5·348	5·375	5·401	5·426	5·432	5·437	5·456	5·482	5·495	5·522	5·543	5·543	5·560	5·568	5·575	5·586	5·599	5·422
10	5·601	5·598	5·615	5·625	5·630	5·629	5·625	5·634	5·628	5·638	5·634	5·637	5·631	5·613	5·617	5·618	5·616	5·618	5·618	5·584	5·609	5·603	5·589	5·602	5·617
11	5·608	5·594	5·597	5·605	5·619	5·619	5·643	5·651	5·654	5·665	5·684	5·693	5·673	5·691	5·697	5·724	5·748	5·762	5·770	5·781	5·796	5·802	5·810	5·831	5·697
12	5·827	5·830	5·840	5·838	5·854	5·867	5·885	5·923	5·926	5·958	5·962	5·969	5·974	5·979	5·981	5·986	6·001	6·007	6·014	6·005	6·005	6·009	6·007	5·997	5·944
13	5·984	5·977	5·979	5·970	5·964	5·964	5·957	5·963	5·947	5·964	5·961	5·952	5·907	5·896	5·872	5·852	5·875	5·864	5·865	5·867	5·854	5·866	5·879	5·874	5·919
14	5·886	5·890	5·902	5·891	5·912	5·918	5·920	5·960	5·980	5·983	5·984	5·988	5·995	5·989	6·003	6·009	6·017	**6·032**	6·017	6·009	6·003	5·994	5·977	5·975	5·968
15	5·957	5·963	5·960	5·965	5·950	5·932	5·922	5·908	5·866	5·837	5·824	5·792	5·758	5·722	5·705	5·697	5·714	5·676	5·680	5·678	5·671	5·667	5·646	5·653	5·798
16	5·647	5·653	5·640	5·634	5·630	5·626	5·620	5·627	5·619	5·611	5·620	5·611	5·602	5·575	5·578	5·591	5·612	5·622	5·631	5·626	5·620	5·620	5·617	5·616	5·619
17	5·612	5·601	5·607	5·612	5·619	5·630	5·635	5·653	5·648	5·652	5·654	5·659	5·654	5·657	5·661	5·660	5·667	5·681	5·679	5·670	5·671	5·666	5·663	5·661	5·649
18	5·650	5·644	5·637	5·631	5·624	5·616	5·610	5·616	5·591	5·596	5·568	5·566	5·550	5·540	5·535	5·525	5·530	5·521	5·524	5·506	5·496	5·489	5·473	5·455	5·562
19	5·447	5·438	5·418	5·407	5·424	5·416	5·421	5·424	5·423	5·422	5·421	5·399	5·402	5·379	5·349	5·344	5·311	5·289	5·278	5·258	5·234	5·206	5·166	5·132	5·350
20	5·089	5·055	5·005	4·939	4·868	4·837	4·811	4·737	4·693	4·620	4·649	4·640	4·637	4·623	4·605	4·587	4·582	4·579	4·572	4·563	4·565	4·558	4·549	4·553	4·705
21	4·553	4·555	4·570	4·575	4·603	4·610	4·633	4·647	4·672	4·683	4·686	4·682	4·683	4·667	4·659	4·652	4·664	4·652	4·624	4·610	4·628	4·621	4·612	4·597	4·631
22	4·575	4·568	4·561	4·565	4·560	4·571	4·595	4·630	4·699	4·721	4·770	4·805	4·837	4·859	4·887	4·898	4·912	4·941	4·929	4·931	4·924	4·907	4·886	4·852	4·766
23	4·820	4·776	4·733	4·680	4·641	4·610	4·598	4·628	4·615	4·615	4·567	4·598	4·565	**4·536**	4·558	4·554	4·567	4·605	4·621	4·628	4·657	4·670	4·694	4·685	4·634
24	4·683	4·693	4·697	4·694	4·690	4·682	4·671	4·684	4·693	4·710	4·720	4·713	4·713	4·700	4·705	4·711	4·714	4·719	4·728	4·744	4·767	4·788	4·816	4·847	4·720
25	4·873	4·905	4·956	4·987	5·025	5·054	5·072	5·106	5·127	5·141	5·160	5·157	5·150	5·114	5·123	5·115	5·116	5·108	5·097	5·102	5·076	5·077	5·087	5·072	5·075
26	5·060	5·056	5·054	5·033	5·039	5·019	5·016	5·012	5·008	4·997	4·994	4·986	4·974	4·944	4·921	4·931	4·921	4·914	4·903	4·877	4·873	4·886	4·875	4·893	4·966
27	4·891	4·883	4·874	4·868	4·872	4·872	4·914	4·931	4·955	4·990	5·021	5·039	5·037	5·040	5·077	5·071	5·098	5·110	5·114	5·103	5·105	5·099	5·102	5·089	5·006
28	5·060	5·043	5·023	4·999	4·986	4·980	4·985	4·975	4·977	4·992	5·001	5·032	5·026	5·023	5·021	5·027	5·060	5·061	5·077	5·080	5·083	5·094	5·082	5·089	5·032
29	5·086	5·075	5·061	5·062	5·060	5·032	4·989	4·963	4·937	4·925	4·885	4·871	4·850	4·854	4·899	4·924	4·956	4·964	4·988	4·987	4·992	5·004	5·018	5·026	4·975
30	5·042	5·039	5·039	5·045	5·070	5·090	5·087	5·116	5·138	5·166	5·188	5·194	5·197	5·200	5·179	5·171	5·194	5·199	5·212	5·190	5·177	5·170	5·155	5·117	5·140
31	5·079	5·059	4·948	4·909	4·835	4·790	4·742	4·716	4·598	4·666	4·688	4·681	4·710	4·744	4·808	4·858	4·924	4·979	5·027	5·051	5·080	5·117	5·153	5·202	4·891
Mean.	5·336	5·329	5·325	5·317	5·315	5·312	5·312	5·319	5·318	5·325	5·327	5·327	5·321	5·313	5·316	5·319	5·330	5·333	5·337	5·333	5·336	5·337	5·335	5·333	5·325

BAROMETER. Reduced to 32°. 4407 feet above Sea Level. First figure omitted. FEBRUARY 1891.

	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	5·247	5·277	5·305	5·332	5·381	5·413	5·430	5·464	5·476	5·494	5·537	5·561	5·566	5·568	5·580	5·586	5·593	5·608	5·627	5·593	5·580	5·578	5·593	5·600	5·499
2	5·580	5·578	5·584	5·583	5·586	5·593	5·586	5·600	5·610	5·593	5·581	5·591	5·580	5·552	5·554	5·567	5·577	5·588	5·584	5·599	5·602	5·596	5·594	5·594	5·584
3	5·579	5·580	5·574	5·565	5·582	5·584	5·592	5·589	5·588	5·595	5·608	5·618	5·629	5·632	5·645	5·672	5·719	5·758	5·778	5·806	5·828	5·850	5·867	5·883	5·672
4	5·891	5·896	5·908	5·911	5·930	5·943	5·950	5·961	5·966	5·964	**5·969**	5·955	5·962	5·949	5·942	5·942	5·954	5·955	5·958	5·944	5·934	5·928	5·927	5·914	5·940
5	5·911	5·968	5·903	5·896	5·907	5·899	5·911	5·917	5·916	5·930	5·922	5·918	5·911	5·895	5·881	5·880	5·903	5·907	5·907	5·888	5·890	5·893	5·889	5·854	5·902
6	5·869	5·856	5·827	5·841	5·855	5·868	5·858	5·857	5·863	5·858	5·844	5·849	5·839	5·810	5·802	5·792	5·803	5·816	5·799	5·796	5·800	5·807	5·803	5·799	5·830
7	5·789	5·773	5·740	5·739	5·724	5·723	5·718	5·710	5·704	5·698	5·688	5·673	5·659	5·630	5·618	5·593	5·610	5·606	5·606	5·585	5·591	5·583	5·600	5·619	5·666
8	5·628	5·626	5·640	5·643	5·668	5·685	5·697	5·718	5·736	5·744	5·757	5·753	5·762	5·752	5·746	5·742	5·757	5·753	5·756	5·753	5·753	5·750	5·747	5·738	5·721
9	5·724	5·710	5·690	5·665	5·665	5·660	5·632	5·626	5·624	5·614	5·602	5·584	5·580	5·554	5·534	5·525	5·540	5·526	5·501	5·516	5·513	5·517	5·503	5·503	5·588
10	5·504	5·500	5·501	5·501	5·494	5·497	5·491	5·492	5·479	5·502	5·461	5·447	5·439	5·411	5·390	5·375	5·358	5·335	5·334	5·294	5·291	5·307	5·324	5·320	5·419
11	5·337	5·338	5·323	5·315	5·325	5·312	5·293	5·286	5·278	5·277	5·268	5·210	5·158	5·084	5·077	**5·053**	5·060	5·078	5·105	5·187	5·248	5·334	5·369	5·420	5·239
12	5·444	5·470	5·485	5·502	5·526	5·529	5·542	5·544	5·557	5·575	5·587	5·603	5·607	5·609	5·609	5·616	5·626	5·637	5·648	5·636	5·643	5·647	5·656	5·663	5·582
13	5·671	5·681	5·696	5·705	5·720	5·736	5·755	5·771	5·784	5·784	5·785	5·777	5·784	5·764	5·748	5·751	5·747	5·757	5·760	5·770	5·766	5·772	5·774	5·774	5·751
14	5·775	5·765	5·764	5·758	5·748	5·750	5·759	5·769	5·775	5·784	5·787	5·791	5·785	5·778	5·779	5·785	5·783	5·786	5·794	5·804	5·814	5·818	5·820	5·812	5·783
15	5·815	5·802	5·794	5·797	5·788	5·790	5·791	5·797	5·792	5·794	5·790	5·796	5·786	5·767	5·760	5·740	5·736	5·746	5·742	5·733	5·725	5·710	5·721	5·729	5·768
16	5·737	5·735	5·749	5·748	5·763	5·779	5·788	5·804	5·816	5·829	5·846	5·850	5·856	5·861	5·863	5·858	5·870	5·887	5·895	5·896	5·893	5·899	5·900	5·897	5·834
17	5·894	5·884	5·879	5·872	5·875	5·880	5·877	5·883	5·889	5·890	5·880	5·882	5·878	5·868	5·864	5·862	5·862	5·861	5·859	5·861	5·861	5·868	5·866	5·873	5·874
18	5·874	5·871	5·867	5·867	5·873	5·880	5·875	5·882	5·883	5·890	5·898	5·902	5·892	5·891	5·884	5·883	5·891	5·909	5·917	5·918	5·928	5·932	5·935	5·932	5·895
19	5·929	5·923	5·911	5·900	5·898	5·890	5·895	5·899	5·887	5·872	5·859	5·838	5·816	5·810	5·801	5·794	5·793	5·780	5·781	5·766	5·771	5·761	5·757	5·748	5·837
20	5·747	5·742	5·739	5·735	5·731	5·733	5·736	5·734	5·738	5·741	5·733	5·711	5·713	5·709	5·713	5·713	5·713	5·712	5·710	5·705	5·698	5·692	5·687	5·675	5·719
21	5·679	5·353	5·645	5·611	5·610	5·602	5·592	5·582	5·581	5·578	5·572	5·573	5·579	5·565	5·563	5·562	5·560	5·566	5·556	5·558	5·572	5·566	5·549	5·560	5·584
22	5·563	5·558	5·550	5·548	5·529	5·511	5·496	5·498	5·505	5·512	5·536	5·538	5·550	5·558	5·560	5·583	5·589	5·595	5·604	5·613	5·621	5·637	5·636	5·633	5·563
23	5·624	5·326	5·601	5·631	5·636	5·648	5·652	5·659	5·671	5·686	5·690	5·692	5·699	5·705	5·690	5·692	5·695	5·717	5·712	5·710	5·703	5·705	5·693	5·698	5·676
24	5·693	5·693	5·703	5·706	5·710	5·717	5·732	5·748	5·770	5·774	5·792	5·780	5·776	5·754	5·753	5·733	5·724	5·729	5·731	5·715	5·709	5·699	5·682	5·665	5·729
25	5·651	5·623	5·599	5·572	5·552	5·533	5·517	5·509	5·505	5·489	5·471	5·470	5·465	5·452	5·436	5·437	5·436	5·432	5·439	5·428	5·429	5·420	5·421	5·421	5·489
26	5·412	5·400	5·388	5·372	5·365	5·362	5·353	5·342	5·343	5·338	5·338	5·336	5·336	5·321	5·322	5·315	5·317	5·329	5·334	5·343	5·356	5·369	5·386	5·396	5·353
27	5·401	5·416	5·426	5·440	5·459	5·478	5·503	5·527	5·549	5·565	5·574	5·584	5·584	5·579	5·577	5·584	5·587	5·589	5·585	5·584	5·587	5·566	5·549	5·531	5·534
28	5·514	5·496	5·476	5·459	5·412	5·400	5·376	5·324	5·316	5·316	5·284	5·277	5·254	5·248	5·228	5·228	5·251	5·274	5·294	5·310	5·311	5·316	5·328	5·340	5·335
Mean.	5·659	5·656	5·652	5·650	5·654	5·657	5·657	5·660	5·664	5·667	5·666	5·663	5·659	5·646	5·640	5·638	5·645	5·651	5·654	5·654	5·658	5·661	5·663	5·664	5·656

BAROMETER. REDUCED TO 32° AND SEA LEVEL. FIRST FIGURE OMITTED. JANUARY 1891.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	0·259	0·247	0·231	0·210	0·181	0·168	0·168	0·184	0·181	0·171	0·169	0·162	0·151	0·146	0·139	0·137	0·150	0·153	0·164	0·171	0·169	0·168	0·159	0·162	0·172
2	0·150	0·150	0·146	0·152	0·145	0·143	0·149	0·159	0·168	0·173	0·182	0·178	0·170	0·164	0·162	0·174	0·178	0·181	0·182	0·186	0·187	0·189	0·186	0·189	0·168
3	0·182	0·174	0·170	0·161	0·149	0·146	0·142	0·132	0·130	0·116	0·111	0·091	0·069	0·042	0·033	0·030	0·021	0·017	0·013	0·018	0·025	0·031	0·044	0·049	0·087
4	0·047	0·055	0·078	0·087	0·092	0·111	0·141	0·161	0·173	0·203	0·239	0·257	0·251	0·265	0·277	0·282	0·299	0·314	0·325	0·336	0·348	0·359	0·355	0·360	0·225
5	0·371	0·374	0·388	0·391	0·408	0·406	0·415	0·435	0·449	0·466	0·471	0·471	0·468	0·473	0·488	0·502	0·518	0·530	0·544	0·550	0·556	0·556	0·557	0·573	0·473
6	0·578	0·574	0·580	0·580	0·568	0·570	0·568	0·581	0·586	0·586	0·575	0·559	0·547	0·539	0·527	0·515	0·507	0·509	0·498	0·495	0·483	0·467	0·447	0·442	0·537
7	0·422	0·402	0·376	0·353	0·334	0·321	0·310	0·304	0·291	0·277	0·253	0·222	0·194	0·169	0·132	0·116	0·100	0·076	0·050	0·030	9·996	9·972	9·940	9·899	0·189
8	9·865	9·831	9·806	9·780	9·752	9·729	9·718	9·698	9·673	9·668	9·653	9·640	9·629	9·623	9·624	9·637	9·654	9·668	9·683	9·707	9·738	9·762	9·785	9·801	9·714
9	9·817	9·840	9·874	9·889	9·913	9·945	9·962	9·993	0·037	0·070	0·092	0·095	0·102	0·123	0·150	0·168	0·195	0·211	0·228	0·245	0·254	0·275	0·281	0·294	0·086
10	0·290	0·298	0·310	0·326	0·322	0·322	0·318	0·328	0·312	0·329	0·323	0·336	0·314	0·320	0·317	0·310	0·280	0·292	0·296	0·282	0·274	0·274	0·252	0·249	0·303
11	0·244	0·259	0·265	0·264	0·268	0·256	0·285	0·287	0·283	0·287	0·296	0·295	0·306	0·307	0·334	0·334	0·350	0·381	0·393	0·408	0·425	0·422	0·417	0·440	0·325
12	0·431	0·434	0·428	0·443	0·464	0·488	0·506	0·535	0·560	0·583	0·592	0·601	0·605	0·615	0·619	0·630	0·633	0·646	0·657	0·665	0·667	0·681	0·679	0·681	0·577
13	0·680	0·679	0·682	0·678	0·658	0·652	0·642	0·647	0·633	0·630	0·624	0·600	0·558	0·551	0·566	0·600	0·584	0·599	0·607	0·615	0·624	0·631	0·644	0·648	0·626
14	0·662	0·677	0·694	0·695	0·701	0·713	0·733	0·753	0·778	0·798	0·822	0·826	0·818	0·828	0·835	0·852	0·851	**0·867**	0·864	0·860	0·853	0·846	0·828	0·815	0·790
15	0·795	0·791	0·779	0·771	0·742	0·714	0·685	0·657	0·612	0·579	0·535	0·496	0·456	0·427	0·400	0·385	0·396	0·394	0·378	0·370	0·366	0·360	0·359	0·339	0·535
16	0·327	0·335	0·331	0·320	0·316	0·307	0·308	0·317	0·313	0·307	0·319	0·311	0·312	0·304	0·305	0·312	0·311	0·319	0·328	0·336	0·337	0·344	0·334	0·339	0·321
17	0·335	0·339	0·338	0·349	0·351	0·359	0·378	0·394	0·400	0·401	0·407	0·414	0·400	0·412	0·411	0·413	0·415	0·433	0·436	0·439	0·441	0·434	0·432	0·429	0·398
18	0·418	0·406	0·399	0·399	0·387	0·379	0·366	0·364	0·347	0·334	0·330	0·321	0·298	0·283	0·266	0·259	0·250	0·241	0·225	0·219	0·203	0·193	0·174	0·152	0·301
19	0·132	0·128	0·103	0·095	0·087	0·080	0·086	0·082	0·084	0·072	0·061	0·049	0·033	0·021	9·987	9·981	9·937	9·918	9·886	9·854	9·810	9·781	9·737	9·693	9·987
20	9·665	9·611	9·547	9·478	9·403	9·337	9·303	9·210	9·161	9·178	9·213	9·206	9·192	9·181	9·155	9·157	9·147	9·136	9·130	9·138	9·140	9·113	9·127	9·139	9·253
21	9·140	9·133	9·154	9·179	9·198	9·208	9·237	9·252	9·278	9·296	9·301	9·291	9·284	9·278	9·257	9·241	9·223	9·207	9·187	9·161	9·171	9·168	9·156	9·139	9·214
22	9·124	9·097	9·104	9·156	9·137	9·138	9·193	9·228	9·280	9·320	9·367	9·404	9·434	9·465	9·487	9·508	9·525	9·544	9·541	9·554	9·544	9·533	9·511	9·483	9·362
23	9·451	9·393	9·321	9·232	9·171	9·119	9·073	9·059	9·043	9·037	9·012	9·022	9·004	**8·984**	8·986	8·996	9·02[illegible]	9·060	9·114	9·128	9·148	9·170	9·185	9·191	9·122
24	9·187	9·192	9·195	9·188	9·184	9·178	9·183	9·219	9·225	9·244	9·252	9·253	9·240	9·229	9·234	9·242	9·242	9·256	9·282	9·302	9·329	9·364	9·398	9·436	9·252
25	9·456	9·492	9·536	9·587	9·629	9·651	9·684	9·699	9·716	9·732	9·728	9·733	9·711	9·676	9·675	9·658	9·638	9·632	9·625	9·618	9·619	9·619	9·626	9·630	9·640
26	9·606	9·594	9·593	9·572	9·566	9·568	9·557	9·554	9·554	9·558	9·543	9·524	9·493	9·458	9·449	9·437	9·409	9·400	9·400	9·383	9·374	9·369	9·386	9·404	9·490
27	9·398	9·397	9·392	9·399	9·410	9·430	9·454	9·462	9·500	9·533	9·556	9·572	9·579	9·596	9·618	9·626	9·645	9·650	9·671	9·674	9·668	9·676	9·672	9·660	9·552
28	9·641	9·604	9·584	9·554	9·532	9·502	9·483	9·474	9·482	9·482	9·501	9·516	9·521	9·536	9·542	9·570	9·583	9·599	9·612	9·628	9·638	9·648	9·636	9·648	9·563
29	9·630	9·636	9·632	9·608	9·572	9·543	9·536	9·505	9·488	9·456	9·412	9·377	9·366	9·396	9·430	9·454	9·464	9·482	9·500	9·524	9·536	9·548	9·570	9·592	9·511
30	9·602	9·596	9·603	9·613	9·626	9·636	9·656	9·685	9·701	9·738	9·761	9·765	9·769	9·765	9·764	9·757	9·774	9·789	9·787	9·783	9·765	9·747	9·737	9·708	9·714
31	9·678	9·646	9·587	9·503	9·463	9·394	9·334	9·253	9·205	9·200	9·202	9·203	9·203	9·271	9·345	9·391	9·449	9·509	9·585	9·643	9·691	9·741	9·781	9·822	9·462
MEAN.	9·987	9·980	9·975	9·968	9·959	9·952	9·954	9·955	9·956	9·962	9·965	9·961	9·951	9·950	9·952	9·957	9·960	9·968	9·974	9·978	9·980	9·982	9·980	9·981	9·966

BAROMETER. REDUCED TO 32° AND SEA LEVEL. FIRST FIGURE OMITTED. FEBRUARY 1891.

	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	9·870	9·900	9·942	9·966	0·004	0·028	0·058	0·094	0·114	0·155	0·183	0·212	0·207	0·231	0·241	0·257	0·253	0·271	0·273	0·258	0·237	0·237	0·233	0·236	0·144
2	0·220	0·214	0·201	0·185	0·185	0·191	0·189	0·190	0·193	0·194	0·186	0·190	0·177	0·164	0·166	0·162	0·155	0·163	0·160	0·169	0·174	0·184	0·176	0·192	0·183
3	0·187	0·185	0·171	0·155	0·153	0·163	0·158	0·169	0·171	0·173	0·177	0·178	0·180	0·204	0·231	0·280	0·334	0·382	0·414	0·438	0·476	0·496	0·518	0·540	0·272
4	0·556	0·569	0·571	0·575	0·586	0·599	0·604	0·615	0·629	**0·636**	0·632	0·628	0·613	0·605	0·581	0·590	0·587	0·590	0·582	0·591	0·589	0·593	0·591	0·601	0·596
5	0·597	0·590	0·581	0·573	0·549	0·558	0·565	0·572	0·564	0·577	0·571	0·555	0·547	0·543	0·523	0·535	0·538	0·535	0·534	0·535	0·541	0·545	0·535	0·524	0·554
6	0·516	0·518	0·492	0·494	0·492	0·506	0·502	0·507	0·504	0·504	0·508	0·515	0·505	0·489	0·483	0·475	0·479	0·482	0·483	0·489	0·479	0·475	0·457	0·448	0·492
7	0·440	0·428	0·406	0·399	0·390	0·382	0·372	0·362	0·364	0·363	0·356	0·339	0·312	0·277	0·271	0·260	0·250	0·248	0·231	0·226	0·226	0·218	0·222	0·253	0·316
8	0·284	0·312	0·324	0·341	0·370	0·391	0·404	0·430	0·441	0·455	0·457	0·456	0·449	0·452	0·443	0·448	0·441	0·449	0·445	0·455	0·456	0·458	0·459	0·452	0·420
9	0·436	0·426	0·396	0·383	0·374	0·356	0·333	0·321	0·323	0·311	0·313	0·288	0·274	0·250	0·233	0·217	0·221	0·210	0·200	0·219	0·208	0·198	0·191	0·182	0·285
10	0·173	0·162	0·155	0·151	0·137	0·133	0·127	0·129	0·135	0·122	0·103	0·091	0·083	0·058	0·032	0·009	9·969	9·947	9·939	9·907	9·895	9·889	9·885	9·887	0·047
11	9·880	0·869	9·866	9·851	9·836	9·816	9·812	9·802	9·798	9·800	9·783	9·754	9·691	9·616	9·563	**9·562**	9·616	9·649	9·712	9·831	9·930	0·003	0·047	0·110	9·800
12	0·141	0·173	0·191	0·213	0·222	0·229	0·238	0·239	0·257	0·279	0·299	0·318	0·313	0·322	0·323	0·322	0·336	0·340	0·343	0·352	0·358	0·366	0·380	0·396	0·290
13	0·404	0·423	0·451	0·459	0·474	0·488	0·502	0·518	0·526	0·533	0·539	0·541	0·525	0·511	0·497	0·491	0·479	0·483	0·472	0·470	0·460	0·451	0·435	0·432	0·482
14	0·428	0·424	0·411	0·408	0·408	0·406	0·415	0·427	0·445	0·454	0·451	0·459	0·448	0·443	0·441	0·448	0·448	0·463	0·475	0·480	0·486	0·481	0·483	0·485	0·447
15	0·483	0·475	0·470	0·464	0·456	0·450	0·453	0·459	0·458	0·457	0·451	0·439	0·417	0·407	0·396	0·391	0·395	0·416	0·426	0·415	0·399	0·407	0·400	0·404	0·433
16	0·402	0·410	0·403	0·413	0·423	0·443	0·457	0·475	0·489	0·504	0·514	0·521	0·524	0·541	0·533	0·528	0·545	0·566	0·567	0·569	0·570	0·579	0·579	0·589	0·506
17	0·585	0·576	0·573	0·570	0·575	0·576	0·578	0·582	0·583	0·580	0·571	0·569	0·568	0·567	0·557	0·559	0·557	0·561	0·559	0·562	0·564	0·561	0·557	0·559	0·569
18	0·563	0·561	0·550	0·553	0·561	0·569	0·577	0·580	0·579	0·576	0·590	0·594	0·575	0·572	0·571	0·580	0·574	0·581	0·589	0·587	0·594	0·594	0·594	0·596	0·578
19	0·586	0·579	0·560	0·548	0·535	0·541	0·535	0·540	0·530	0·519	0·493	0·466	0·444	0·422	0·409	0·420	0·410	0·406	0·404	0·403	0·400	0·396	0·390	0·386	0·472
20	0·385	0·374	0·365	0·360	0·354	0·357	0·362	0·364	0·361	0·363	0·352	0·330	0·318	0·305	0·295	0·289	0·285	0·294	0·296	0·294	0·291	0·287	0·275	0·275	0·326
21	0·260	0·255	0·256	0·254	0·253	0·257	0·259	0·262	0·271	0·265	0·254	0·258	0·251	0·245	0·233	0·228	0·225	0·230	0·228	0·232	0·232	0·222	0·215	0·209	0·244
22	0·203	0·195	0·179	0·188	0·173	0·151	0·143	0·125	0·127	0·143	0·159	0·161	0·157	0·149	0·149	0·147	0·153	0·180	0·201	0·199	0·204	0·212	0·216	0·214	0·172
23	0·206	0·199	0·194	0·206	0·211	0·226	0·240	0·248	0·269	0·295	0·292	0·285	0·280	0·283	0·266	0·269	0·271	0·286	0·294	0·293	0·286	0·289	0·280	0·289	0·261
24	0·273	0·284	0·275	0·269	0·269	0·294	0·311	0·338	0·346	0·345	0·338	0·326	0·310	0·294	0·283	0·281	0·272	0·276	0·268	0·262	0·248	0·234	0·224	0·211	0·285
25	0·193	0·175	0·151	0·137	0·110	0·098	0·072	0·080	0·076	0·049	0·037	0·027	0·009	9·991	9·972	9·966	9·968	9·981	9·998	0·001	9·995	9·994	9·996	9·995	0·045
26	9·985	9·985	9·974	9·962	9·952	9·942	9·940	9·935	9·920	9·918	9·904	9·889	9·879	9·858	9·854	9·847	9·854	9·871	9·892	9·908	9·937	9·968	9·980	0·005	9·923
27	0·024	0·044	0·055	0·074	0·099	0·139	0·158	0·179	0·197	0·217	0·223	0·220	0·209	0·204	0·197	0·200	0·205	0·213	0·209	0·217	0·220	0·205	0·192	0·184	0·170
28	0·159	0·136	0·107	0·093	0·065	0·045	0·018	9·994	9·959	9·939	9·905	9·896	9·864	9·807	9·804	9·792	9·789	9·812	9·843	9·878	9·887	9·891	9·908	9·932	9·938
MEAN.	0·301	0·301	0·295	0·294	0·293	0·298	0·299	0·305	0·308	0·312	0·309	0·304	0·290	0·279	0·269	0·270	0·272	0·282	0·287	0·294	0·298	0·301	0·301	0·307	0·295

BAROMETER. REDUCED TO 32°. 4407 FEET ABOVE SEA LEVEL. FIRST FIGURE OMITTED. MARCH 1891.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	5·330	5·330	5·330	5·325	5·341	5·341	5·333	5·341	5·346	5·346	5·357	5·350	5·341	5·337	5·317	5·311	5·297	5·271	5·271	5·251	5·231	5·179	5·177	5·174	5·301
2	5·143	5·124	5·122	5·094	5·122	5·131	5·129	5·145	5·156	5·148	5·156	5·114	5·116	5·098	5·078	5·080	5·088	5·076	5·080	5·073	5·099	5·110	5·102	5·112	5·112
3	5·115	5·108	5·138	5·137	5·142	5·160	5·212	5·238	5·251	5·269	5·279	5·291	5·301	5·312	5·354	5·358	5·388	5·405	5·423	5·443	5·447	5·444	5·445	5·430	5·295
4	5·415	5·374	5·327	5·309	5·299	5·290	5·295	5·310	5·303	5·287	5·273	5·261	5·231	5·227	5·202	5·215	5·229	5·251	5·244	5·252	5·272	5·283	5·277	5·267	5·279
5	5·307	5·268	5·245	5·222	5·238	5·242	5·261	5·262	5·264	5·258	5·260	5·263	5·259	5·247	5·239	5·220	5·213	5·201	5·176	5·144	5·119	5·115	5·104	5·066	5·216
6	5·054	5·021	5·033	5·020	5·013	5·007	4·987	4·999	4·996	4·983	5·002	5·016	5·011	4·986	4·999	5·002	5·003	5·002	5·015	5·007	4·993	4·975	4·965	4·964	5·002
7	4·954	4·949	4·941	4·936	4·944	4·953	4·961	4·970	4·981	4·993	5·007	5·011	5·015	5·021	5·020	5·023	5·026	5·029	5·027	5·016	5·030	5·035	5·030	5·030	4·996
8	5·037	5·036	5·030	5·030	5·035	5·034	5·034	5·059	5·065	5·070	5·085	5·085	5·092	5·102	5·098	5·103	5·104	5·113	5·124	5·106	5·099	5·122	5·140	5·149	5·081
9	5·150	5·147	5·159	5·163	5·171	5·180	5·188	5·194	5·207	5·217	5·220	5·220	5·215	5·202	5·195	5·181	5·181	5·169	5·154	5·147	5·128	5·108	5·099	5·101	5·171
10	5·085	5·069	5·053	5·041	5·025	5·008	5·003	4·998	4·996	4·992	4·982	5·002	5·000	4·967	4·968	4·965	4·963	4·945	4·957	4·950	4·944	4·927	4·928	4·913	4·987
11	4·908	4·904	4·902	4·921	4·915	4·915	4·927	4·933	4·956	4·960	4·969	4·979	4·985	4·991	4·998	4·994	5·001	5·010	5·021	5·026	5·035	5·041	5·044	5·049	4·974
12	5·047	5·047	5·047	5·047	5·046	5·050	5·059	5·067	5·076	5·086	5·100	5·116	5·125	5·129	5·135	5·144	5·149	5·164	5·177	5·192	5·198	5·198	5·199	5·215	5·117
13	5·224	5·225	5·224	5·220	5·230	5·238	5·239	5·249	5·256	5·267	5·271	5·273	5·273	5·275	5·273	5·269	5·270	5·267	5·274	5·280	5·274	5·275	5·270	5·263	5·257
14	5·261	5·249	5·238	5·226	5·217	5·208	5·203	5·204	5·204	5·197	5·198	5·185	5·183	5·169	5·157	5·133	5·132	5·110	5·101	5·072	5·055	5·031	5·002	4·976	5·155
15	4·928	4·876	4·794	4·707	4·661	4·569	4·566	4·545	4·527	4·503	4·517	4·499	4·519	4·479	4·512	4·532	4·535	4·562	4·584	4·626	4·650	4·660	4·709	4·737	4·617
16	4·791	4·784	4·834	4·860	4·880	4·898	4·934	4·976	5·000	5·000	4·992	5·012	5·068	5·062	5·059	5·087	5·095	5·123	5·128	5·132	5·119	5·138	5·154	5·155	5·012
17	5·157	5·168	5·164	5·178	5·186	5·203	5·223	5·241	5·251	5·277	5·283	5·294	5·289	5·284	5·301	5·327	5·338	5·342	5·368	5·402	5·415	5·409	5·439	5·463	5·292
18	5·473	5·487	5·490	5·490	5·486	5·493	5·503	5·501	5·503	**5·506**	5·504	5·495	5·485	5·474	5·456	5·453	5·435	5·421	5·422	5·421	5·406	5·399	5·391	5·392	5·462
19	5·394	5·372	5·359	5·334	5·338	5·333	5·346	5·348	5·356	5·361	5·361	5·370	5·365	5·359	5·351	5·341	5·321	5·311	5·300	5·289	5·270	5·265	5·242	5·228	5·330
20	5·221	5·207	5·202	5·194	5·205	5·229	5·254	5·265	5·269	5·282	5·296	5·304	5·340	5·324	5·337	5·332	5·339	5·351	5·361	5·360	5·371	5·368	5·361	5·362	5·297
21	5·362	5·349	5·342	5·340	5·336	5·336	5·336	5·335	5·336	5·337	5·342	5·350	5·351	5·349	5·351	5·345	5·355	5·359	5·360	5·361	5·363	5·364	5·363	5·353	5·349
22	5·351	5·345	5·336	5·331	5·328	5·328	5·331	5·338	5·339	5·340	5·339	5·339	5·333	5·323	5·320	5·313	5·314	5·312	5·307	5·303	5·296	5·288	5·280	5·269	5·321
23	5·251	5·238	5·227	5·219	5·212	5·209	5·199	5·199	5·194	5·191	5·164	5·161	5·153	5·128	5·111	5·104	5·087	5·081	5·061	5·028	5·023	5·018	4·999	4·975	5·135
24	4·978	4·970	4·961	4·951	4·952	4·949	4·953	4·950	4·947	4·941	4·927	4·925	4·901	4·878	4·871	4·853	4·837	4·823	4·816	4·809	4·794	4·778	4·772	4·767	4·888
25	4·743	4·746	4·717	4·724	4·719	4·702	4·698	4·688	4·653	4·631	4·605	4·570	4·546	4·515	4·516	4·477	4·472	4·444	4·420	**4·415**	4·436	4·458	4·482	4·513	4·579
26	4·545	4·564	4·572	4·592	4·604	4·625	4·657	4·678	4·702	4·738	4·770	4·802	4·839	4·850	4·873	4·883	4·878	4·897	4·904	4·916	4·911	4·909	4·909	4·904	4·772
27	4·921	4·908	4·890	4·897	4·880	4·876	4·858	4·869	4·879	4·884	4·885	4·885	4·887	4·886	4·873	4·883	4·904	4·938	4·970	5·002	5·014	5·027	5·062	5·099	4·924
28	5·120	5·142	5·147	5·150	5·157	5·177	5·178	5·175	5·174	5·174	5·180	5·177	5·169	5·140	5·115	5·114	5·068	5·047	5·049	5·048	5·056	5·057	5·068	5·065	5·123
29	5·059	5·048	5·056	5·058	5·065	5·065	5·076	5·081	5·092	5·088	5·080	5·072	5·073	5·060	5·076	5·069	5·074	5·070	5·073	5·087	5·079	5·086	5·085	5·086	5·073
30	5·077	5·095	5·091	5·103	5·120	5·145	5·170	5·191	5·206	5·199	5·227	5·257	5·275	5·282	5·295	5·310	5·312	5·316	5·323	5·323	5·336	5·336	5·343	5·348	5·236
31	5·350	5·354	5·353	5·353	5·359	5·360	5·356	5·358	5·361	5·362	5·364	5·366	5·365	5·357	5·351	5·345	5·332	5·327	5·319	5·316	5·317	5·308	5·304	5·295	5·343
MEAN.	5·121	5·113	5·107	5·102	5·104	5·105	5·112	5·120	5·124	5·125	5·129	5·130	5·132	5·123	5·123	5·121	5·121	5·121	5·123	5·122	5·122	5·120	5·121	5·120	5·119

BAROMETER. REDUCED TO 32°. 4407 FEET ABOVE SEA LEVEL. FIRST FIGURE OMITTED. APRIL 1891.

	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	5·274	5·269	5·254	5·235	5·225	5·218	5·221	5·215	5·209	5·209	5·213	5·210	5·200	5·194	5·182	5·173	5·169	5·160	5·157	5·137	5·126	5·118	5·120	5·094	5·191
2	5·082	5·070	5·059	5·062	5·056	5·039	5·033	5·030	5·030	5·050	5·035	5·019	5·011	5·041	5·056	5·064	5·083	5·085	5·070	5·078	5·064	5·066	5·080	5·057	5·055
3	5·053	5·036	5·038	5·041	5·023	5·006	5·009	5·011	5·011	5·013	5·026	5·030	5·022	5·010	5·024	4·979	4·988	4·965	4·951	4·959	4·883	4·871	4·846	4·851	4·985
4	4·842	4·870	4·846	4·847	4·842	**4·837**	4·868	4·897	4·904	4·978	4·988	4·962	5·002	4·969	5·010	4·972	4·977	4·965	4·971	4·923	4·937	4·926	4·895	4·892	4·922
5	4·948	4·889	4·950	4·938	4·924	4·955	4·981	4·979	4·976	4·954	4·950	4·985	4·973	5·025	5·029	5·016	5·052	5·041	5·054	5·033	5·033	5·029	5·051	5·078	4·993
6	5·097	5·057	5·041	5·079	5·093	5·103	5·123	5·151	5·175	5·184	5·184	5·217	5·215	5·209	5·219	5·221	5·221	5·244	5·252	5·268	5·276	5·274	5·279	5·277	5·186
7	5·286	5·289	5·291	5·299	5·309	5·319	5·333	5·348	5·357	5·364	5·373	5·383	5·394	5·407	5·415	5·417	5·430	5·437	5·447	5·453	5·446	5·451	5·450	5·459	5·382
8	5·464	5·460	5·466	5·469	5·469	5·484	5·493	5·496	5·507	5·515	5·519	5·523	5·528	5·531	5·536	5·537	5·541	5·548	5·549	5·553	5·559	5·555	5·555	5·549	5·517
9	5·552	5·553	5·547	5·547	5·546	5·552	5·558	5·565	5·567	5·568	5·568	5·571	5·577	5·582	5·577	5·578	5·582	5·581	5·581	5·584	5·584	5·580	5·573	5·567	5·568
10	5·562	5·549	5·536	5·535	5·537	5·539	5·535	5·535	5·539	5·538	5·535	5·535	5·528	5·534	5·534	5·517	5·519	5·517	5·511	5·512	5·508	5·509	5·499	5·488	5·527
11	5·489	5·490	5·495	5·481	5·481	5·497	5·503	5·518	5·525	5·520	5·548	5·543	5·548	5·551	5·552	5·565	5·580	5·594	5·604	5·609	5·613	5·613	5·623	5·606	5·548
12	5·607	5·598	5·579	5·578	5·572	5·565	5·566	5·556	5·546	5·541	5·526	5·521	5·513	5·498	5·479	5·460	5·447	5·435	5·425	5·415	5·404	5·391	5·374	5·381	5·499
13	5·365	5·357	5·363	5·352	5·363	5·360	5·374	5·383	5·388	5·403	5·418	5·430	5·438	5·445	5·452	5·457	5·466	5·471	5·481	5·490	5·497	5·499	5·503	5·511	5·428
14	5·508	5·503	5·503	5·502	5·504	5·510	5·512	5·511	5·514	5·518	5·521	5·521	5·525	5·526	5·523	5·518	5·519	5·518	5·514	5·517	5·511	5·507	5·500	5·495	5·512
15	5·491	5·481	5·466	5·454	5·444	5·442	5·445	5·447	5·450	5·449	5·448	5·445	5·444	5·458	5·459	5·449	5·446	5·445	5·441	5·438	5·428	5·428	5·417	5·393	5·446
16	5·394	5·387	5·371	5·345	5·335	5·316	5·320	5·323	5·330	5·343	5·343	5·363	5·366	5·363	5·353	5·387	5·410	5·427	5·453	5·465	5·465	5·486	5·492	5·499	5·389
17	5·517	5·514	5·514	5·510	5·514	5·520	5·526	5·532	5·542	5·546	5·550	5·556	5·560	5·561	5·563	5·556	5·565	5·565	5·565	5·565	5·576	5·573	5·576	5·575	5·548
18	5·570	5·568	5·562	5·557	5·557	5·561	5·561	5·566	5·572	5·576	5·586	5·590	5·594	5·596	5·597	5·597	5·598	5·597	5·603	5·622	5·634	5·617	5·617	5·614	5·588
19	5·609	5·604	5·602	5·601	5·601	5·605	5·610	5·612	5·616	5·622	5·624	5·630	5·636	5·639	5·644	5·646	5·652	5·652	5·658	5·671	5·676	5·684	5·693	5·693	5·637
20	5·695	5·691	5·688	5·686	5·692	5·699	5·707	5·717	5·723	5·729	5·737	5·739	5·738	5·744	5·741	5·743	5·742	5·741	5·742	5·745	5·746	5·748	**5·750**	5·747	5·726
21	5·742	5·732	5·728	5·721	5·718	5·720	5·721	5·722	5·725	5·725	5·723	5·723	5·721	5·714	5·705	5·697	5·697	5·688	5·685	5·687	5·678	5·681	5·678	5·672	5·708
22	5·669	5·660	5·652	5·646	5·644	5·638	5·640	5·633	5·630	5·632	5·634	5·635	5·641	5·639	5·630	5·625	5·624	5·631	5·635	5·631	5·644	5·647	5·660	5·668	5·641
23	5·673	5·675	5·672	5·668	5·666	5·669	5·663	5·669	5·664	5·670	5·674	5·675	5·678	5·680	5·682	5·685	5·679	5·677	5·677	5·683	5·686	5·687	5·685	5·681	5·676
24	5·676	5·671	5·662	5·657	5·659	5·664	5·668	5·670	5·671	5·672	5·678	5·678	5·678	5·674	5·670	5·664	5·657	5·651	5·645	5·638	5·637	5·632	5·626	5·614	5·659
25	5·604	5·597	5·583	5·570	5·561	5·558	5·560	5·558	5·557	5·550	5·549	5·542	5·535	5·529	5·517	5·503	5·498	5·488	5·480	5·473	5·460	5·450	5·438	5·426	5·524
26	5·410	5·392	5·374	5·363	5·350	5·342	5·342	5·340	5·340	5·331	5·326	5·324	5·320	5·316	5·298	5·289	5·285	5·276	5·265	5·260	5·253	5·254	5·245	5·226	5·313
27	5·215	5·204	5·196	5·186	5·173	5·171	5·166	5·163	5·160	5·157	5·148	5·136	5·116	5·099	5·086	5·069	5·054	5·042	5·024	5·012	4·981	4·967	4·946	4·917	5·100
28	4·894	4·904	4·895	4·893	4·892	4·894	4·910	4·922	4·948	4·958	4·967	4·976	4·976	4·995	4·989	4·990	4·996	4·999	5·005	5·022	5·018	5·016	5·016	5·002	4·962
29	5·000	5·002	5·003	4·994	4·980	4·972	4·973	4·968	4·960	4·960	4·956	4·946	4·938	4·936	4·906	4·903	4·888	4·870	4·861	4·861	4·859	4·864	4·867	4·873	4·931
30	4·871	4·867	4·875	4·879	4·878	4·882	4·898	4·902	4·910	4·916	4·932	4·950	4·960	4·975	4·975	4·973	4·968	4·962	4·955	4·953	4·935	4·913	4·888	4·865	4·920
MEAN.	5·372	5·365	5·360	5·356	5·354	5·355	5·361	5·365	5·368	5·373	5·376	5·379	5·379	5·381	5·380	5·375	5·378	5·376	5·375	5·375	5·371	5·368	5·365	5·359	5·369

BAROMETER. REDUCED TO 32° AND SEA LEVEL. FIRST FIGURE OMITTED. MARCH 1891.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	9·899	9·904	9·892	9·883	9·876	9·883	9·877	9·886	9·895	9·892	9·884	9·878	9·873	9·865	9·821	9·812	9·775	9·777	9·764	9·756	9·734	9·706	9·710	9·747	9·833
2	9·754	9·737	9·728	9·739	9·759	9·769	9·775	9·785	9·784	9·800	9·786	9·773	9·749	9·752	9·733	9·741	9·729	9·733	9·727	9·741	9·745	9·780	9·781	9·777	9·757
3	9·790	9·810	9·842	9·854	9·862	9·902	9·931	9·964	9·976	0·005	0·022	0·025	0·039	0·072	0·085	0·109	0·131	0·154	0·166	**0·175**	0·168	0·155	0·131	0·110	0·020
4	0·061	9·998	9·933	9·895	9·901	9·896	9·885	9·873	9·864	9·865	9·844	9·828	9·813	9·800	9·802	9·853	9·857	9·874	9·904	9·910	9·937	9·933	9·924	9·938	9·891
5	9·929	9·902	9·905	9·895	9·899	9·904	9·893	9·905	9·895	9·885	9·880	9·888	9·875	9·857	9·838	9·826	9·814	9·789	9·763	9·723	9·694	9·690	9·679	9·667	9·833
6	9·647	9·639	9·643	9·635	9·651	9·641	9·643	9·627	9·642	9·671	9·683	9·688	9·679	9·661	9·676	9·683	9·682	9·679	9·671	9·663	9·644	9·647	9·642	9·627	9·657
7	9·625	9·613	9·600	9·599	9·615	9·638	9·649	9·658	9·679	9·700	9·715	9·718	9·724	9·730	9·729	9·736	9·746	9·747	9·756	9·760	9·764	9·771	9·772	9·776	9·701
8	9·792	9·788	9·788	9·783	9·786	9·794	9·800	9·816	9·823	9·828	9·835	9·837	9·840	9·844	9·845	9·845	9·849	9·875	9·899	9·897	9·904	9·909	9·937	9·945	9·844
9	9·947	9·952	9·951	9·959	9·961	9·971	9·980	9·982	9·985	9·981	9·967	9·959	9·947	9·935	9·919	9·908	9·900	9·895	9·882	9·867	9·858	9·840	9·836	9·834	9·926
10	9·821	9·813	9·785	9·773	9·756	9·742	9·736	9·728	9·720	9·709	9·693	9·694	9·686	9·663	9·661	9·656	9·654	9·660	9·658	9·659	9·649	9·647	9·644	9·645	9·702
11	9·648	9·639	9·626	9·628	9·619	9·621	9·628	9·641	9·638	9·645	9·647	9·655	9·654	9·659	9·662	9·662	9·672	9·693	9·706	9·716	9·725	9·742	9·737	9·746	9·667
12	9·742	9·746	9·744	9·752	9·749	9·757	9·775	9·784	9·792	9·795	9·792	9·787	9·780	9·779	9·776	9·779	9·793	9·811	9·832	9·847	9·862	9·873	9·880	9·894	9·797
13	9·906	9·913	9·911	9·910	9·913	9·927	9·939	9·955	9·958	9·966	9·957	9·951	9·940	9·936	9·927	9·923	9·924	9·929	9·937	9·947	9·949	9·949	9·943	9·943	9·936
14	9·933	9·930	9·913	9·908	9·900	9·896	9·888	9·881	9·877	9·874	9·867	9·847	9·831	9·811	9·783	9·762	9·759	9·743	9·726	9·703	9·676	9·651	9·619	9·581	9·807
15	9·530	9·481	9·414	9·360	9·308	9·269	9·236	9·217	9·209	9·185	9·167	9·144	9·151	9·153	9·154	9·152	9·154	9·175	9·206	9·236	9·260	9·296	9·317	9·340	9·255
16	9·366	9·381	9·403	9·429	9·457	9·494	9·540	9·584	9·612	9·644	9·651	9·673	9·689	9·697	9·701	9·717	9·737	9·754	9·769	9·795	9·797	9·815	9·816	9·825	9·641
17	9·829	9·838	9·835	9·837	9·846	9·864	9·872	9·892	9·912	9·918	9·915	9·912	9·908	9·917	9·928	9·955	9·964	9·978	0·015	0·045	0·055	0·076	0·092	0·111	9·938
18	0·122	0·127	0·118	0·126	0·131	0·139	0·147	0·151	0·152	0·152	0·146	0·131	0·115	0·104	0·089	0·089	0·082	0·082	0·079	0·076	0·080	0·089	0·087	0·078	0·112
19	0·079	0·077	0·068	0·065	0·062	0·070	0·073	0·083	0·080	0·073	0·061	0·059	0·046	0·031	0·018	9·998	9·931	9·974	9·970	9·955	9·941	9·925	9·896	9·887	0·020
20	9·875	9·859	9·849	9·854	9·865	9·902	9·916	9·955	9·971	9·979	9·979	9·992	0·004	0·016	0·012	0·008	0·006	0·025	0·034	0·043	0·048	0·048	0·046	0·047	9·972
21	0·047	0·044	0·035	0·030	0·016	0·020	0·007	9·996	9·998	9·995	9·992	9·989	9·980	9·967	9·961	9·958	9·968	9·984	9·991	0·006	0·013	0·017	0·015	0·017	0·002
22	0·013	0·011	0·008	0·007	0·003	0·005	0·008	0·017	0·015	0·010	0·000	9·997	9·986	9·972	9·959	9·952	9·952	9·954	9·950	9·950	9·944	9·936	9·929	9·914	9·979
23	9·906	9·895	9·877	9·861	9·847	9·836	9·822	9·807	9·801	9·792	9·778	9·758	9·736	9·732	9·709	9·699	9·688	9·674	9·654	9·628	9·625	9·618	9·601	9·599	9·748
24	9·594	9·590	9·578	9·577	9·564	9·562	9·564	9·561	9·542	9·529	9·507	9·502	9·472	9·453	9·417	9·398	9·379	9·366	9·349	9·345	9·323	9·314	9·309	9·280	9·461
25	9·276	9·276	9·267	9·259	9·254	9·245	9·242	9·217	9·185	9·164	9·141	9·098	9·075	9·043	9·047	9·013	9·001	8·975	**8·930**	8·931	8·986	9·018	9·048	9·088	9·116
26	9·095	9·152	9·159	9·183	9·203	9·230	9·254	9·291	9·315	9·351	9·373	9·403	9·445	9·478	9·504	9·515	9·530	9·534	9·554	9·559	9·554	9·552	9·558	9·562	9·390
27	9·564	9·563	9·551	9·546	9·545	9·522	9·516	9·511	9·517	9·521	9·511	9·509	9·497	9·486	9·476	9·472	9·489	9·531	9·556	9·599	9·617	9·663	9·684	9·709	9·548
28	9·735	9·771	9·777	9·804	9·815	9·829	9·834	9·844	9·851	9·850	9·854	9·846	9·818	9·810	9·771	9·740	9·714	9·692	9·670	9·669	9·670	9·680	9·676	9·680	9·767
29	9·687	9·700	9·696	9·713	9·728	9·739	9·747	9·756	9·765	9·757	9·755	9·756	9·763	9·771	9·771	9·776	9·775	9·790	9·787	9·807	9·803	9·799	9·808	9·815	9·761
30	9·819	9·821	9·828	9·834	9·841	9·859	9·881	9·903	9·919	9·927	9·939	9·949	9·959	9·969	9·980	9·989	9·995	0·011	0·019	0·022	0·032	0·034	0·038	0·044	9·942
31	0·049	0·047	0·049	0·054	0·054	0·055	0·050	0·048	0·047	0·041	0·035	0·028	0·013	0·000	9·986	9·970	9·954	9·950	9·943	9·953	9·957	9·955	9·954	9·946	0·006
MEAN	9·777	9·775	9·767	9·766	9·767	9·774	9·778	9·784	9·788	9·790	9·786	9·783	9·777	9·773	9·766	9·764	9·763	9·768	9·770	9·774	9·775	9·778	9·778	9·780	9·775

BAROMETER. REDUCED TO 32° AND SEA LEVEL. FIRST FIGURE OMITTED. APRIL 1891.

	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	9·942	9·934	9·928	9·924	9·916	9·913	9·907	9·899	9·889	9·892	9·878	9·868	9·848	9·829	9·814	9·798	9·791	9·784	9·781	9·780	9·784	9·773	9·765	9·770	9·850
2	9·755	9·738	9·727	9·719	9·713	9·717	9·732	9·742	9·749	9·763	9·754	9·776	9·791	9·793	9·775	9·771	9·772	9·790	9·793	9·799	9·794	9·789	9·782	9·778	9·763
3	9·763	9·743	9·736	9·732	9·732	9·737	9·739	9·756	9·756	9·759	9·771	9·763	9·752	9·742	9·737	9·725	9·718	9·716	9·705	9·696	9·687	9·668	9·632	9·604	9·724
4	9·592	9·586	9·557	9·560	9·564	9·567	9·555	9·586	9·602	9·631	9·621	9·632	9·618	9·642	9·621	9·616	9·611	9·621	9·619	9·647	9·649	9·661	9·640	9·650	9·610
5	9·652	9·652	9·649	9·653	9·641	9·658	9·650	9·659	9·662	9·660	9·646	9·613	9·669	9·688	9·667	9·684	9·697	9·675	9·698	9·730	9·734	9·746	9·750	9·761	9·679
6	9·761	9·761	9·754	9·762	9·775	9·784	9·783	9·794	9·808	9·835	9·824	9·851	9·845	9·862	9·861	9·876	9·885	9·896	9·908	9·922	9·936	9·938	9·942	9·953	9·847
7	9·958	9·971	9·975	9·980	9·993	0·016	0·035	0·055	0·063	0·071	0·078	0·089	0·087	0·094	0·088	0·092	0·099	0·118	0·138	0·159	0·166	0·177	0·179	0·190	0·078
8	0·196	0·193	0·192	0·199	0·206	0·218	0·229	0·231	0·233	0·230	0·218	0·207	0·206	0·197	0·191	0·194	0·191	0·196	0·207	0·224	0·224	0·220	0·222	0·222	0·210
9	0·235	0·236	0·230	0·231	0·231	0·240	0·250	0·252	0·245	0·239	0·230	0·219	0·217	0·212	0·203	0·202	0·201	0·204	0·208	0·226	0·231	0·232	0·235	0·239	0·227
10	0·234	0·227	0·213	0·216	0·213	0·216	0·213	0·212	0·208	0·197	0·188	0·185	0·178	0·169	0·165	0·159	0·149	0·152	0·152	0·153	0·151	0·155	0·155	0·156	0·184
11	0·154	0·152	0·156	0·156	0·165	0·180	0·171	0·179	0·199	0·201	0·197	0·207	0·204	0·202	0·199	0·208	0·216	0·231	0·235	0·253	0·261	0·275	0·278	0·283	0·207
12	0·292	0·294	0·290	0·287	0·281	0·272	0·267	0·249	0·233	0·229	0·219	0·211	0·204	0·190	0·171	0·143	0·121	0·119	0·103	0·104	0·092	0·086	0·072	0·071	0·192
13	0·059	0·050	0·044	0·037	0·029	0·029	0·029	0·030	0·035	0·059	0·068	0·075	0·080	0·083	0·080	0·085	0·094	0·108	0·116	0·131	0·139	0·144	0·148	0·155	0·079
14	0·155	0·156	0·155	0·157	0·163	0·174	0·177	0·182	0·180	0·182	0·172	0·163	0·153	0·151	0·145	0·147	0·145	0·147	0·143	0·149	0·151	0·151	0·150	0·151	0·158
15	0·151	0·139	0·123	0·101	0·087	0·095	0·091	0·099	0·094	0·081	0·083	0·099	0·098	0·099	0·091	0·085	0·080	0·091	0·087	0·082	0·085	0·079	0·079	0·065	0·094
16	0·045	0·025	9·990	9·979	9·950	9·931	9·958	9·971	9·983	0·000	9·996	0·002	0·001	0·013	0·016	0·050	0·063	0·079	0·097	0·119	0·142	0·160	0·170	0·180	0·038
17	0·189	0·197	0·200	0·199	0·201	0·211	0·215	0·219	0·221	0·218	0·209	0·204	0·196	0·186	0·176	0·172	0·165	0·174	0·178	0·198	0·211	0·217	0·224	0·225	0·200
18	0·224	0·232	0·227	0·226	0·230	0·237	0·242	0·247	0·242	0·241	0·230	0·230	0·226	0·220	0·211	0·210	0·208	0·212	0·221	0·239	0·255	0·264	0·266	0·270	0·234
19	0·271	0·273	0·271	0·276	0·279	0·289	0·295	0·297	0·292	0·291	0·281	0·273	0·273	0·272	0·266	0·270	0·274	0·280	0·289	0·310	0·327	0·339	0·353	0·360	0·291
20	0·362	0·367	0·366	0·374	0·381	0·399	0·405	0·411	0·408	0·399	0·392	0·389	0·382	0·390	0·386	0·392	0·392	0·398	0·408	0·416	0·424	0·427	0·432	**0·435**	0·397
21	0·429	0·427	0·429	0·426	0·424	0·429	0·431	0·431	0·429	0·420	0·411	0·401	0·392	0·378	0·375	0·362	0·353	0·348	0·347	0·362	0·365	0·371	0·371	0·373	0·399
22	0·364	0·362	0·359	0·356	0·350	0·348	0·346	0·344	0·329	0·326	0·306	0·302	0·290	0·296	0·278	0·276	0·278	0·281	0·290	0·305	0·319	0·335	0·349	0·359	0·323
23	0·360	0·363	0·368	0·369	0·369	0·371	0·369	0·368	0·357	0·357	0·348	0·338	0·331	0·331	0·326	0·330	0·332	0·336	0·341	0·364	0·374	0·378	0·382	0·385	0·356
24	0·388	0·384	0·374	0·370	0·372	0·379	0·386	0·386	0·378	0·376	0·365	0·359	0·351	0·341	0·324	0·316	0·302	0·294	0·288	0·290	0·287	0·284	0·280	0·274	0·340
25	0·269	0·259	0·247	0·241	0·237	0·233	0·232	0·227	0·221	0·207	0·190	0·171	0·151	0·133	0·119	0·110	0·103	0·097	0·093	0·098	0·089	0·085	0·083	0·077	0·166
26	0·061	0·054	0·039	0·027	0·010	0·012	0·001	9·995	9·991	9·976	9·958	9·944	9·930	9·912	9·883	9·868	9·862	9·853	9·842	9·847	9·844	9·846	9·841	9·833	9·935
27	9·817	9·801	9·789	9·775	9·770	9·769	9·760	9·747	9·937	9·719	9·694	9·683	9·666	9·644	9·613	9·586	9·571	9·557	9·540	9·533	9·509	9·493	9·471	9·471	9·654
28	9·445	9·456	9·467	9·479	9·487	9·499	9·511	9·531	9·541	9·551	9·582	9·582	9·574	9·606	9·597	9·603	9·602	9·606	9·626	9·636	9·636	9·632	9·634	9·620	9·563
29	9·610	9·612	9·616	9·610	9·592	9·586	9·580	9·575	9·555	9·541	9·522	9·502	9·484	9·468	9·441	9·433	9·418	9·402	9·386	9·389	9·386	9·386	9·380	9·390	9·494
30	9·382	9·381	9·388	9·384	9·388	9·398	9·402	9·406	9·416	9·426	9·435	9·453	9·455	9·452	9·463	9·453	9·452	9·455	9·443	9·441	9·429	9·409	9·379	**9·371**	9·419
MEAN.	0·037	0·034	0·029	0·030	0·025	0·030	0·032	0·036	0·035	0·036	0·029	0·026	0·021	0·020	0·009	0·007	0·005	0·007	0·009	0·020	0·023	0·024	0·021	0·022	0·024

BAROMETER. REDUCED TO 32°. 4407 FEET ABOVE SEA LEVEL. FIRST FIGURE OMITTED. MAY 1891.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	4·840	4·827	4·801	4·789	4·777	4·768	4·761	4·751	4·732	4·715	4·701	4·691	4·687	4·676	4·670	4·672	4·673	4·681	4·690	4·708	4·727	4·744	4·762	4·779	4·734
2	4·792	4·804	4·830	4·843	4·864	4·880	4·906	4·938	4·961	4·976	4·997	5·015	5·036	5·051	5·053	5·062	5·063	5·064	5·073	5·082	5·083	5·084	5·084	5·086	4·984
3	5·085	5·085	5·079	5·069	5·067	5·070	5·070	5·066	5·066	5·072	5·083	5·090	5·103	5·111	5·116	5·122	5·126	5·128	5·132	5·151	5·165	5·170	5·179	5·186	5·108
4	5·194	5·203	5·211	5·221	5·228	5·244	5·262	5·281	5·301	5·327	5·345	5·363	5·387	5·412	5·420	5·429	5·433	5·438	5·447	5·464	5·474	5·477	5·483	5·484	5·355
5	5·490	5·494	5·493	5·488	5·490	5·495	5·497	5·495	5·495	5·495	5·498	5·507	5·512	5·509	5·504	5·496	5·496	5·486	5·485	5·484	5·479	5·486	5·482	5·484	5·493
6	5·478	5·454	5·452	5·445	5·433	5·434	5·441	5·455	5·465	5·467	5·468	5·462	5·464	5·458	5·459	5·455	5·443	5·443	5·440	5·441	5·440	5·425	5·413	5·398	5·447
7	5·384	5·371	5·351	5·340	5·329	5·330	5·327	5·327	5·325	5·323	5·321	5·304	5·301	5·300	5·291	5·276	5·256	5·240	5·223	5·201	5·180	5·150	5·113	5·087	5·277
8	5·063	5·053	5·065	5·057	5·050	5·047	5·060	5·060	5·089	5·128	5·147	5·162	5·171	5·208	5·242	5·262	5·275	5·283	5·301	5·327	5·318	5·362	5·383	5·394	5·189
9	5·405	5·400	5·416	5·423	5·434	5·447	5·470	5·478	5·486	5·494	5·507	5·526	5·529	5·545	5·559	5·564	5·565	5·563	5·566	5·581	5·592	5·594	5·596	5·590	5·514
10	5·579	5·579	5·579	5·582	5·583	5·586	5·589	5·598	5·607	5·610	5·620	5·625	5·630	5·635	5·629	5·632	5·628	5·624	5·627	5·635	5·646	5·653	5·652	5·649	5·616
11	5·649	5·651	5·655	5·662	5·671	5·677	5·687	5·699	5·719	5·732	5·733	5·735	5·749	5·765	5·769	5·777	5·775	5·773	5·770	5·774	5·779	5·777	5·775	5·772	5·730
12	5·776	5·772	5·760	5·755	5·743	5·743	5·742	5·738	5·742	5·742	5·731	5·736	5·741	5·740	5·737	5·734	5·733	5·731	5·728	5·735	5·730	5·718	5·718	5·702	5·739
13	5·695	5·688	5·675	5·662	5·641	5·626	5·617	5·607	5·586	5·576	5·560	5·561	5·558	5·562	5·562	5·565	5·563	5·572	5·575	5·576	5·571	5·574	5·571	5·554	5·596
14	5·531	5·523	5·502	5·488	5·463	5·446	5·424	5·409	5·388	5·366	5·340	5·305	5·296	5·279	5·275	5·239	5·229	5·204	5·187	5·147	5·146	5·109	5·078	5·040	5·309
15	5·009	4·977	4·946	4·937	4·928	4·932	4·945	4·955	4·969	4·986	4·999	5·031	5·070	5·102	5·119	5·134	5·122	5·125	5·136	5·150	5·163	5·167	5·170	5·175	5·052
16	5·183	5·185	5·184	5·183	5·180	5·183	5·178	5·164	5·174	5·179	5·178	5·184	5·184	5·191	5·188	5·187	5·177	5·161	5·149	5·138	5·123	5·105	5·087	5·070	5·163
17	5·049	5·030	5·002	4·986	4·976	4·968	4·963	4·957	4·957	4·958	4·960	4·963	4·963	4·963	4·961	4·952	4·939	4·917	4·902	4·903	4·897	4·902	4·886	4·905	4·952
18	4·899	4·914	4·909	4·908	4·905	4·905	4·908	4·913	4·923	4·935	4·947	4·954	4·962	4·971	4·970	4·968	4·972	4·971	4·974	4·980	4·979	4·974	4·965	4·961	4·944
19	4·946	4·936	4·925	4·908	4·909	4·902	4·912	4·918	4·925	4·943	4·956	4·974	4·992	5·013	5·023	5·029	5·036	5·042	5·060	5·082	5·098	5·102	5·103	5·105	4·993
20	5·105	5·100	5·089	5·087	5·082	5·082	5·082	5·082	5·084	5·088	5·088	5·088	5·092	5·096	5·090	5·082	5·070	5·068	5·076	5·088	5·092	5·096	5·100	5·098	5·088
21	5·095	5·093	5·092	5·090	5·089	5·091	5·097	5·103	5·108	5·111	5·120	5·123	5·125	5·129	5·126	5·122	5·119	5·117	5·110	5·121	5·122	5·124	5·127	5·122	5·112
22	5·113	5·104	5·095	5·088	5·091	5·096	5·102	5·104	5·116	5·121	5·128	5·131	5·138	5·138	5·139	5·134	5·138	5·138	5·144	5·146	5·143	5·142	5·134	5·123	5·123
23	5·118	5·105	5·097	5·089	5·080	5·074	5·076	5·080	5·084	5·090	5·095	5·106	5·112	5·118	5·127	5·135	5·137	5·147	5·162	5·183	5·200	5·218	5·225	5·235	5·129
24	5·242	5·246	5·252	5·267	5·272	5·283	5·295	5·303	5·315	5·325	5·335	5·343	5·350	5·346	5·353	5·341	5·348	5·357	5·355	5·360	5·376	5·377	5·367	5·356	5·324
25	5·360	5·346	5·333	5·316	5·312	5·310	5·318	5·310	5·315	5·315	5·319	5·321	5·323	5·325	5·322	5·318	5·306	5·305	5·296	5·297	5·291	5·295	5·290	5·275	5·313
26	5·272	5·263	5·246	5·233	5·222	5·210	5·218	5·214	5·214	5·216	5·198	5·190	5·206	5·206	5·187	5·163	5·148	5·156	5·150	5·157	5·150	5·137	5·121	5·114	5·191
27	5·104	5·097	5·083	5·080	5·068	5·056	5·052	5·049	5·043	5·042	5·042	5·046	5·049	5·052	5·049	5·050	5·047	5·048	5·054	5·062	5·061	5·057	5·050	5·045	5·058
28	5·042	5·025	5·023	5·019	5·006	5·009	5·010	5·004	5·007	5·004	5·000	5·001	5·005	5·004	5·001	5·011	5·002	5·011	5·007	5·022	5·033	5·035	5·041	5·043	5·015
29	5·046	5·047	5·036	5·029	5·020	5·017	5·015	5·006	4·999	4·999	5·005	5·023	5·034	5·036	5·044	5·043	5·047	5·058	5·070	5·089	5·099	5·109	5·116	5·112	5·046
30	5·112	5·097	5·088	5·088	5·095	5·097	5·104	5·115	5·109	5·114	5·124	5·126	5·127	5·173	5·193	5·202	5·225	5·239	5·255	5·278	5·285	5·299	5·312	5·317	5·174
31	5·326	5·322	5·319	5·325	5·328	5·329	5·337	5·352	5·366	5·360	5·374	5·377	5·368	5·361	5·370	5·363	5·359	5·350	5·350	5·353	5·374	5·390	5·396	5·407	5·356
MEAN	5·225	5·219	5·213	5·208	5·204	5·204	5·209	5·211	5·215	5·220	5·223	5·228	5·234	5·241	5·243	5·243	5·240	5·240	5·242	5·249	5·253	5·253	5·251	5·247	5·230

BAROMETER. REDUCED TO 32°. 4407 FEET ABOVE SEA LEVEL. FIRST FIGURE OMITTED. JUNE 1891.

	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	5·407	5·415	5·417	5·420	5·421	5·442	5·458	5·468	5·468	5·484	5·497	5·503	5·513	5·523	5·521	5·521	5·508	5·495	5·487	5·480	5·484	5·471	5·468	5·450	5·472
2	5·419	5·401	5·395	5·421	5·415	5·421	5·423	5·426	5·448	5·411	5·424	5·428	5·464	5·470	5·492	5·497	5·522	5·520	5·521	5·504	5·553	5·557	5·547	5·549	5·468
3	5·531	5·545	5·543	5·512	5·556	5·562	5·565	5·556	5·570	5·574	5·581	5·577	5·572	5·562	5·559	5·548	5·534	5·530	5·527	5·511	5·510	5·509	5·498	5·486	5·542
4	5·482	5·470	5·466	5·457	5·452	5·450	5·446	5·459	5·460	5·460	5·468	5·469	5·461	5·467	5·469	5·465	5·467	5·464	5·464	5·467	5·473	5·478	5·476	5·473	5·465
5	5·485	5·479	5·471	5·489	5·494	5·505	5·519	5·526	5·533	5·542	5·547	5·556	5·564	5·577	5·586	5·596	5·599	5·602	5·609	5·617	5·619	5·623	5·622	5·621	5·558
6	5·619	5·614	5·606	5·603	5·605	5·600	5·598	5·600	5·602	5·602	5·603	5·614	5·617	5·619	5·627	5·622	5·620	5·615	5·618	5·618	5·625	5·621	5·618	5·610	5·612
7	5·602	5·589	5·577	5·558	5·549	5·541	5·538	5·536	5·532	5·531	5·532	5·534	5·542	5·546	5·549	5·547	5·547	5·548	5·545	5·556	5·562	5·573	5·565	5·557	5·552
8	5·559	5·557	5·557	5·560	5·563	5·565	5·575	5·585	5·599	5·609	5·620	5·627	5·634	5·635	5·621	5·611	5·616	5·620	5·623	5·638	5·644	5·644	5·642	5·633	5·606
9	5·621	5·607	5·600	5·591	5·581	5·583	5·581	5·578	5·568	5·568	5·558	5·546	5·538	5·534	5·519	5·512	5·498	5·486	5·481	5·478	5·477	5·466	5·463	5·451	5·537
10	5·445	5·438	5·438	5·439	5·437	5·448	5·455	5·465	5·477	5·487	5·501	5·521	5·533	5·548	5·567	5·579	5·588	5·594	5·602	5·617	5·632	5·639	5·648	5·649	5·531
11	5·648	5·641	5·636	5·635	5·643	5·650	5·656	5·663	5·668	5·675	5·681	5·688	5·696	5·702	5·710	5·707	5·707	5·714	5·718	5·722	5·727	5·728	5·726	5·735	5·686
12	5·741	5·744	5·753	5·754	5·759	5·758	5·769	5·778	5·785	5·795	5·802	5·811	5·815	5·817	5·819	5·818	5·813	5·813	5·805	5·803	5·797	5·788	5·783	5·764	5·787
13	5·755	5·734	5·719	5·700	5·690	5·681	5·674	5·666	5·670	5·643	5·641	5·641	5·633	5·624	5·622	5·620	5·611	5·598	5·583	5·586	5·577	5·583	5·565	5·558	5·641
14	5·548	5·545	5·545	5·545	5·559	5·551	5·549	5·549	5·544	5·544	5·541	5·536	5·530	5·532	5·530	5·525	5·515	5·511	5·501	5·489	5·480	5·465	5·451	5·437	5·522
15	5·417	5·398	5·386	5·371	5·354	5·347	5·337	5·332	5·328	5·330	5·333	5·329	5·330	5·327	5·322	5·326	5·330	5·335	5·343	5·360	5·374	5·385	5·394	5·394	5·353
16	5·401	5·406	5·414	5·425	5·430	5·441	5·455	5·472	5·485	5·499	5·510	5·527	5·539	5·551	5·551	5·554	5·545	5·553	5·553	5·556	5·562	5·567	5·570	5·572	5·506
17	5·560	5·557	5·548	5·555	5·563	5·567	5·561	5·566	5·556	5·569	5·572	5·578	5·582	5·572	5·576	5·575	5·574	5·567	5·576	5·582	5·588	5·595	5·595	5·595	5·572
18	5·594	5·597	5·597	5·591	5·578	5·590	5·596	5·608	5·613	5·616	5·618	5·625	5·648	5·661	5·672	5·681	5·690	5·693	5·704	5·713	5·721	5·727	5·733	5·739	5·650
19	5·744	5·749	5·754	5·760	5·765	5·771	5·779	5·785	5·789	5·797	5·805	5·811	5·816	5·823	5·829	5·835	5·833	5·839	5·843	5·849	5·860	5·863	5·866	5·866	5·810
20	5·866	5·865	5·858	5·861	5·863	5·871	5·877	5·883	5·891	5·897	5·901	5·905	5·907	5·907	5·909	5·904	5·904	5·901	5·900	5·900	5·909	5·905	5·902	5·896	5·891
21	5·887	5·889	5·880	5·873	5·879	5·881	5·885	5·887	5·885	5·888	5·888	5·890	5·891	5·890	5·889	5·887	5·885	5·885	5·887	5·888	5·890	5·891	5·892	5·896	5·887
22	5·891	5·888	5·883	5·874	5·872	5·874	5·872	5·871	5·873	5·875	5·882	5·883	5·868	5·890	5·890	5·887	5·884	5·882	5·888	5·896	5·894	5·895	5·892	5·889	5·884
23	5·884	5·871	5·859	5·859	5·855	5·853	5·857	5·863	5·861	5·857	5·849	5·842	5·823	5·815	5·812	5·806	5·795	5·785	5·775	5·778	5·750	5·736	5·716	5·684	5·816
24	5·700	5·695	5·684	5·674	5·659	5·650	5·646	5·654	5·665	5·672	5·660	5·656	5·654	5·669	5·650	5·671	5·675	5·675	5·679	5·692	5·698	5·687	5·685	5·686	5·672
25	5·687	5·679	5·675	5·658	5·649	5·649	5·646	5·631	5·624	5·617	5·600	5·583	5·591	5·589	5·566	5·559	5·548	5·522	5·515	5·500	5·483	5·466	5·436	5·447	5·580
26	5·429	5·416	5·404	5·407	5·415	5·399	5·390	5·378	5·385	5·374	5·379	5·386	5·379	5·373	5·345	5·338	5·323	5·335	5·321	5·306	5·306	5·304	5·295	5·286	5·361
27	5·275	5·271	5·270	5·261	5·257	5·245	5·244	5·245	5·245	5·238	5·239	5·235	5·238	5·242	5·243	5·239	5·230	5·234	5·238	5·250	5·262	5·264	5·269	5·276	5·250
28	5·273	5·280	5·281	5·283	5·288	5·289	5·296	5·302	5·304	5·308	5·295	5·288	5·268	5·259	5·251	5·252	5·251	5·250	5·250	5·255	5·254	5·248	5·234	5·213	5·270
29	5·207	5·182	5·161	5·152	5·151	5·145	5·146	5·139	5·136	5·138	5·132	5·120	5·104	5·095	5·093	5·085	5·073	5·058	5·064	5·061	5·062	5·063	5·048	5·033	5·110
30	5·025	5·000	4·998	5·009	5·005	5·005	5·008	5·018	5·020	5·011	5·008	5·011	5·015	5·011	5·029	5·038	5·043	5·056	5·062	5·079	5·099	5·113	5·112	5·118	5·037
MEAN	5·557	5·551	5·546	5·543	5·544	5·544	5·547	5·550	5·553	5·554	5·556	5·557	5·559	5·561	5·561	5·560	5·558	5·556	5·556	5·558	5·562	5·562	5·557	5·552	5·554

BAROMETER. REDUCED TO 32° AND SEA LEVEL. FIRST FIGURE OMITTED. MAY 1891.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	9·323	9·298	9·266	9·248	9·229	9·225	9·205	9·202	9·183	9·165	9·150	9·134	9·125	9·115	9·111	9·112	9·126	9·138	9·158	9·186	9·214	9·246	9·280	9·307	9·198
2	9·337	9·372	9·402	9·427	9·455	9·483	9·512	9·535	9·547	9·567	9·572	9·590	9·599	9·608	9·604	9·616	9·628	9·647	9·661	9·669	9·675	9·680	9·685	9·690	9·565
3	9·694	9·688	9·681	9·676	9·679	9·677	9·676	9·672	9·672	9·676	9·677	9·672	9·673	9·674	9·674	9·677	9·681	9·696	9·700	9·720	9·732	9·744	9·760	9·776	9·694
4	9·790	9·801	9·813	9·831	9·845	9·867	9·889	9·905	9·923	9·941	9·952	9·963	9·980	9·994	9·996	0·012	0·010	0·024	0·040	0·053	0·067	0·080	0·092	0·101	9·957
5	0·111	0·113	0·109	0·106	0·113	0·121	0·119	0·111	0·103	0·095	0·093	0·093	0·077	0·070	0·055	0·051	0·047	0·045	0·046	0·055	0·055	0·059	0·059	0·053	0·082
6	0·051	0·050	0·044	0·036	0·033	0·044	0·041	0·047	0·041	0·041	0·032	0·031	0·025	0·015	0·005	9·999	9·993	9·987	9·985	9·984	9·980	9·975	9·965	9·951	0·015
7	9·935	9·925	9·911	9·896	9·885	9·878	9·879	9·883	9·879	9·867	9·851	9·841	9·833	9·814	9·785	9·767	9·745	9·725	9·711	9·711	9·708	9·671	9·651	9·632	9·807
8	9·616	9·613	9·607	9·587	9·589	9·599	9·599	9·613	9·627	9·651	9·666	9·679	9·689	9·714	9·727	9·743	9·765	9·787	9·829	9·861	9·881	9·898	9·921	9·937	9·717
9	9·949	9·960	9·969	9·971	9·993	0·013	0·032	0·041	0·045	0·042	0·038	0·032	0·020	0·030	0·032	0·031	0·032	0·040	0·058	0·088	0·111	0·126	0·132	0·134	0·038
10	0·137	0·140	0·139	0·145	0·144	0·153	0·158	0·150	0·144	0·130	0·123	0·121	0·107	0·104	0·094	0·091	0·086	0·088	0·101	0·125	0·155	0·176	0·185	0·199	0·133
11	0·198	0·209	0·219	0·231	0·241	0·245	0·245	0·253	0·257	0·255	0·237	0·233	0·232	0·238	0·230	0·238	0·237	0·247	0·250	0·262	0·273	0·284	0·286	0·301	0·246
12	0·303	0·301	0·292	0·288	0·282	0·284	0·278	0·270	0·260	0·262	0·245	0·245	0·233	0·232	0·222	0·223	0·235	0·243	0·262	0·272	0·271	0·270	0·264	0·251	0·262
13	0·239	0·235	0·229	0·215	0·194	0·190	0·175	0·163	0·147	0·131	0·114	0·110	0·108	0·109	0·123	0·132	0·137	0·154	0·167	0·172	0·176	0·186	0·186	0·171	0·165
14	0·152	0·146	0·124	0·097	0·076	0·054	0·035	9·999	9·974	9·938	9·921	9·895	9·893	9·893	9·891	9·879	9·862	9·836	9·789	9·797	9·742	9·702	9·674	9·637	9·917
15	9·601	9·578	9·551	9·522	9·510	9·511	9·522	9·539	9·541	9·540	9·600	9·636	9·665	9·696	9·696	9·720	9·744	9·777	9·771	9·784	9·805	9·814	9·822	9·832	9·657
16	9·840	9·851	9·854	9·857	9·867	9·880	9·885	9·884	9·878	[9·892]	9·873	9·866	9·860	9·862	9·850	9·839	9·828	9·826	9·817	9·805	9·788	9·774	9·754	9·740	9·840
17	9·711	9·690	9·668	9·650	9·632	9·620	9·614	9·599	9·588	9·583	9·571	9·559	9·547	9·540	9·531	9·523	9·507	9·509	9·502	9·493	9·494	9·493	9·493	9·498	9·567
18	9·495	9·496	9·486	9·479	9·477	9·475	9·473	9·473	9·477	9·481	9·487	9·489	9·486	9·491	9·497	9·499	9·501	9·505	9·520	9·526	9·527	9·527	9·525	9·523	9·496
19	9·512	9·503	9·489	9·477	9·475	9·478	9·479	9·485	9·485	9·486	9·493	9·500	9·516	9·530	9·545	9·559	9·569	9·590	9·603	9·627	9·643	9·654	9·665	9·669	9·543
20	9·673	9·673	9·664	9·669	9·669	9·669	9·671	9·654	9·646	9·642	9·629	9·617	9·610	9·602	9·589	9·586	9·594	9·600	9·607	9·625	9·634	9·641	9·646	9·642	9·636
21	9·642	9·645	9·646	9·646	9·651	9·654	9·662	9·667	9·664	9·664	9·661	9·658	9·647	9·639	9·639	9·625	9·619	9·620	9·624	9·650	9·664	9·664	9·667	9·667	9·649
22	9·664	9·663	9·659	9·660	9·660	9·663	9·665	9·667	9·662	9·957	9·652	9·649	9·650	9·643	9·641	9·635	9·641	9·640	9·646	9·652	9·660	9·665	9·669	9·665	9·655
23	9·659	9·657	9·651	9·652	9·649	9·647	9·643	9·635	9·627	9·615	9·609	9·614	9·610	9·629	9·627	9·629	9·645	9·660	9·679	9·698	9·727	9·751	9·760	9·777	9·660
24	9·793	9·805	9·819	9·837	9·847	9·874	9·878	9·889	9·889	[9·888]	9·888	9·887	9·889	9·891	9·897	9·896	9·895	9·922	9·931	9·941	9·959	9·968	9·974	9·977	9·893
25	9·975	9·967	9·957	9·956	9·954	9·951	9·943	9·939	9·937	9·931	9·916	9·910	9·899	9·889	9·879	9·882	9·879	9·888	9·888	9·893	9·897	9·905	9·914	9·912	9·919
26	9·908	9·894	9·885	9·869	9·862	9·851	9·846	9·844	9·842	9·833	9·803	9·786	9·785	9·773	9·764	9·738	9·732	9·718	9·711	9·706	9·699	9·689	9·675	9·667	9·787
27	9·650	9·642	9·628	9·617	9·604	9·590	9·587	9·577	9·571	9·567	9·557	9·552	9·545	9·545	9·536	9·535	9·536	9·539	9·545	9·551	9·561	9·567	9·563	9·561	9·572
28	9·563	9·560	9·551	9·546	9·537	9·541	9·543	9·543	9·533	9·533	9·523	9·519	9·512	9·506	9·505	9·507	9·507	9·509	9·517	9·529	9·543	9·548	9·543	9·550	9·532
29	9·550	9·546	9·540	9·532	9·526	9·527	9·523	9·528	9·523	9·525	9·525	9·528	9·532	9·535	9·533	9·541	9·545	9·569	9·585	9·606	9·627	9·635	9·642	9·640	9·557
30	9·639	9·641	9·633	9·639	9·644	9·649	9·653	9·654	9·662	9·665	9·666	9·675	9·671	9·677	9·692	9·698	9·708	9·727	9·749	9·774	9·798	9·816	9·826	9·835	9·700
31	9·837	9·848	9·853	9·867	9·871	9·880	9·879	9·881	9·875	9·874	9·866	9·862	9·859	9·859	9·856	9·855	9·845	9·850	9·854	9·867	9·877	9·891	9·899	9·913	9·867
MEAN.	9·792	9·791	9·785	9·782	9·780	9·784	9·784	9·784	9·781	9·779	9·774	9·772	9·770	9·772	9·769	9·769	9·770	9·778	9·784	9·796	9·805	9·810	9·812	9·813	9·785

BAROMETER. REDUCED TO 32° AND SEA LEVEL. FIRST FIGURE OMITTED. JUNE 1891.

	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	9·916	9·914	9·915	9·921	9·931	9·950	9·955	9·967	9·963	9·966	9·965	9·960	9·944	9·952	9·948	9·936	9·942	9·942	9·941	9·956	9·960	9·968	9·975	9·964	9·948
2	9·956	9·961	9·948	9·946	9·944	9·945	9·934	9·932	9·923	9·905	9·921	9·935	9·927	9·957	9·963	9·963	9·977	9·981	9·992	0·009	0·025	0·041	0·043	0·059	9·966
3	0·058	0·062	0·065	0·070	0·077	0·083	0·080	0·080	0·065	0·067	0·055	0·047	0·030	0·017	0·016	0·011	0·010	0·021	0·023	0·028	0·033	0·049	0·047	0·051	0·047
4	0·045	0·036	0·023	0·023	0·015	0·011	0·007	0·010	9·994	9·985	9·976	9·963	9·942	9·938	9·938	9·938	9·939	9·952	9·967	9·988	0·005	0·018	0·030	0·040	9·991
5	0·048	0·045	0·054	0·074	0·082	0·083	0·086	0·093	0·091	0·092	0·097	0·109	0·107	0·121	0·119	0·121	0·118	0·119	0·133	0·156	0·177	0·194	0·210	0·221	0·115
6	0·213	0·209	0·210	0·207	0·213	0·209	0·209	0·209	0·193	0·173	0·158	0·150	0·139	0·117	0·120	0·115	0·100	0·106	0·111	0·119	0·131	0·137	0·148	0·144	0·160
7	0·141	0·136	0·132	0·122	0·122	0·122	0·116	0·119	0·125	0·126	0·129	0·127	0·123	0·123	0·121	0·117	0·115	0·121	0·131	0·155	0·181	0·196	0·189	0·194	0·137
8	0·191	0·188	0·186	0·185	0·183	0·188	0·187	0·193	0·186	0·183	0·166	0·156	0·150	0·150	0·135	0·134	0·136	0·130	0·142	0·151	0·163	0·185	0·200	0·197	0·169
9	0·190	0·182	0·176	0·170	0·164	0·162	0·151	0·134	0·106	0·086	0·065	0·035	0·013	9·993	9·977	9·973	9·961	9·961	9·959	9·965	9·974	9·978	9·983	9·983	0·056
10	9·983	9·984	9·993	9·995	0·005	0·026	0·035	0·053	0·054	0·048	0·042	0·063	0·065	0·069	0·077	0·078	0·074	0·093	0·108	0·125	0·153	0·177	0·197	0·203	0·072
11	0·203	0·197	0·195	0·201	0·207	0·215	0·213	0·219	0·215	0·207	0·197	0·197	0·199	0·203	0·204	0·209	0·215	0·219	0·233	0·247	0·261	0·273	0·287	0·316	0·222
12	0·330	0·335	0·343	0·350	0·356	0·361	0·357	0·363	0·367	0·368	0·366	0·363	0·351	0·346	0·347	0·341	0·338	0·337	0·344	0·357	0·357	0·351	0·347	0·334	0·350
13	0·333	0·321	0·303	0·291	0·279	0·270	0·260	0·251	0·235	0·224	0·215	0·210	0·194	0·183	0·181	0·182	0·172	0·167	0·168	0·165	0·166	0·161	0·151	0·142	0·218
14	0·132	0·127	0·119	0·123	0·126	0·135	0·131	0·131	0·122	0·113	0·103	0·100	0·096	0·093	0·086	0·081	0·070	0·067	0·059	0·044	0·038	0·021	0·002	9·991	0·088
15	9·965	9·947	9·935	9·908	9·890	9·879	9·863	9·858	9·845	9·844	9·843	9·838	9·838	9·832	9·831	9·831	9·835	9·839	9·847	9·864	9·883	9·889	9·909	9·921	9·872
16	9·934	9·947	9·955	9·960	9·969	9·991	0·002	0·019	0·023	0·039	0·047	0·058	0·066	0·075	0·076	0·079	0·077	0·080	0·075	0·081	0·081	0·085	0·085	0·085	0·037
17	0·074	0·062	0·050	0·054	0·059	0·067	0·071	0·063	0·055	0·056	0·068	0·066	0·066	0·073	0·070	0·070	0·069	0·072	0·081	0·086	0·096	0·096	0·105	0·104	0·072
18	0·102	0·108	0·093	0·088	0·088	0·096	0·105	0·114	0·118	0·126	0·130	0·139	0·168	0·172	0·181	0·194	0·200	0·210	0·219	0·228	0·238	0·250	0·257	0·272	0·162
19	0·271	0·274	0·276	0·280	0·284	0·296	0·305	0·318	0·325	0·330	0·327	0·329	0·325	0·327	0·318	0·314	0·310	0·313	0·313	0·327	0·331	0·334	0·337	0·349	0·313
20	0·350	0·349	0·345	0·351	0·361	0·367	0·369	0·366	0·364	0·357	0·355	0·347	0·341	0·338	0·329	0·322	0·318	0·319	0·319	0·327	0·335	0·337	0·339	0·347	0·344
21	0·347	0·345	0·340	0·339	0·346	0·350	0·352	0·343	0·338	0·326	0·317	0·309	0·299	0·291	0·287	0·281	0·285	0·287	0·291	0·295	0·303	0·311	0·319	0·331	0·318
22	0·330	0·338	0·342	0·344	0·348	0·351	0·352	0·344	0·343	0·335	0·326	0·314	0·306	0·297	0·292	0·286	0·282	0·290	0·292	0·299	0·309	0·328	0·334	0·350	0·322
23	0·348	0·344	0·340	0·346	0·344	0·346	0·340	0·337	0·333	0·306	0·282	0·259	0·238	0·224	0·215	0·195	0·187	0·188	0·194	0·203	0·211	0·215	0·205	0·185	0·266
24	0·178	0·157	0·153	0·147	0·146	0·146	0·136	0·119	0·096	0·094	0·100	0·120	0·117	0·106	0·087	0·086	0·076	0·082	0·093	0·107	0·108	0·118	0·121	0·122	0·117
25	0·127	0·122	0·118	0·107	0·108	0·108	0·101	0·084	0·068	0·038	0·007	9·987	9·983	9·968	9·950	9·933	9·918	9·902	9·897	9·893	9·895	9·893	9·869	9·869	9·998
26	9·852	9·847	9·831	9·835	9·829	9·820	9·811	9·791	9·780	9·776	9·765	9·772	9·767	9·762	9·738	9·719	9·712	9·710	9·684	9·674	9·672	9·674	9·668	9·666	9·756
27	9·659	9·653	9·662	9·668	9·665	9·666	9·668	9·665	9·661	9·655	9·650	9·653	9·656	9·654	9·652	9·642	9·633	9·633	9·639	9·654	9·670	9·679	9·687	9·704	9·660
28	9·709	9·719	9·718	9·725	9·731	9·731	9·733	9·735	9·729	9·735	9·718	9·719	9·712	9·698	9·682	9·679	9·672	9·670	9·669	9·674	9·668	9·660	9·642	9·635	9·698
29	9·632	9·614	9·592	9·585	9·582	9·576	9·572	9·573	9·565	9·557	9·549	9·537	9·527	9·518	9·503	9·489	9·481	9·470	9·466	9·463	9·462	9·463	9·462	9·459	9·529
30	9·439	9·426	9·416	9·416	9·411	9·415	9·416	9·427	9·425	9·421	9·423	9·420	9·417	9·426	9·425	9·439	9·450	9·466	9·475	9·489	9·509	9·528	9·543	9·554	9·449
MEAN.	0·069	0·065	0·061	0·061	0·062	0·066	0·064	0·064	0·057	0·051	0·045	0·043	0·037	0·034	0·029	0·025	0·022	0·025	0·029	0·038	0·046	0·054	0·056	0·060	0·048

BAROMETER. Reduced to 32°. 4407 feet above Sea Level. First figure omitted. JULY 1891.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	5·129	5·128	5·129	5·134	5·137	5·149	5·160	5·175	5·188	5·197	5·201	5·207	5·213	5·222	5·223	5·235	5·229	5·228	5·227	5·228	5·232	5·231	5·235	5·228	5·194
2	5·220	5·211	5·203	5·196	5·194	5·196	5·198	5·191	5·197	5·196	5·193	5·190	5·181	5·178	5·175	5·174	5·166	5·165	5·165	5·164	5·165	5·150	5·156	5·150	5·182
3	5·149	5·145	5·143	5·144	5·155	5·166	5·172	5·188	5·206	5·222	5·231	5·241	5·257	5·265	5·275	5·283	5·293	5·302	5·305	5·317	5·327	5·335	5·337	5·340	5·242
4	5·338	5·338	5·341	5·348	5·354	5·368	5·376	5·384	5·395	5·406	5·413	5·414	5·417	5·422	5·420	5·413	5·418	5·425	5·424	5·416	5·419	5·412	5·407	5·403	5·395
5	5·389	5·383	5·374	5·362	5·356	5·362	5·362	5·360	5·356	5·350	5·338	5·336	5·328	5·313	5·291	5·280	5·253	5·229	5·220	5·209	5·210	5·193	5·177	5·167	5·300
6	5·151	5·138	5·127	5·123	5·115	5·112	5·103	5·095	5·088	5·076	5·069	5·067	5·057	5·042	5·031	5·020	5·007	4·994	4·989	4·984	4·986	4·980	4·981	4·974	5·055
7	4·975	4·971	**4·966**	4·968	4·978	4·985	4·994	5·000	5·009	5·023	5·026	5·030	5·038	5·040	5·055	5·075	5·091	5·095	5·129	5·157	5·168	5·179	5·187	5·209	5·056
8	5·214	5·216	5·220	5·221	5·236	5·251	5·270	5·292	5·314	5·335	5·356	5·369	5·380	5·393	5·416	5·420	5·433	5·440	5·451	5·459	5·487	5·485	5·491	5·499	5·360
9	5·501	5·507	5·501	5·509	5·517	5·530	5·547	5·562	5·573	5·583	5·594	5·605	5·618	5·621	5·627	5·629	5·635	5·634	5·634	5·634	5·639	5·629	5·626	5·619	5·586
10	5·610	5·607	5·594	5·589	5·595	5·590	5·590	5·590	5·588	5·586	5·586	5·578	5·577	5·571	5·571	5·567	5·553	5·553	5·546	5·521	5·525	5·524	5·523	5·510	5·568
11	5·500	5·494	5·479	5·472	5·471	5·472	5·473	5·474	5·473	5·470	5·464	5·468	5·468	5·467	5·467	5·465	5·458	5·453	5·447	5·441	5·435	5·425	5·424	5·419	5·462
12	5·411	5·410	5·397	5·407	5·410	5·410	5·413	5·421	5·433	5·438	5·447	5·454	5·468	5·472	5·490	5·496	5·495	5·510	5·518	5·528	5·545	5·552	5·557	5·559	5·468
13	5·575	5·577	5·582	5·592	5·606	5·620	5·635	5·646	5·663	5·677	5·691	5·707	5·723	5·742	5·750	5·764	5·769	5·780	5·791	5·803	5·811	5·820	5·829	5·831	5·708
14	5·828	5·838	5·842	5·848	5·856	5·871	5·879	5·883	5·887	5·887	5·893	5·897	**5·901**	**5·901**	5·899	5·895	5·884	5·874	5·863	5·858	5·854	5·846	5·844	5·831	5·869
15	5·772	5·804	5·795	5·780	5·772	5·761	5·747	5·740	5·731	5·719	5·713	5·697	5·687	5·674	5·659	5·645	5·642	5·630	5·624	5·615	5·607	5·594	5·578	5·555	5·689
16	5·535	5·521	5·502	5·493	5·474	5·465	5·459	5·437	5·439	5·433	5·427	5·424	5·416	5·406	5·397	5·390	5·384	5·381	5·380	5·378	5·375	5·378	5·367	5·363	5·426
17	5·354	5·344	5·335	5·325	5·312	5·306	5·302	5·297	5·299	5·301	5·303	5·305	5·311	5·313	5·325	5·330	5·336	5·347	5·361	5·365	5·373	5·383	5·385	5·390	5·333
18	5·379	5·380	5·369	5·354	5·351	5·340	5·340	5·362	5·361	5·363	5·351	5·346	5·348	5·359	5·366	5·371	5·374	5·379	5·386	5·393	5·402	5·397	5·389	5·380	5·368
19	5·372	5·372	5·360	5·350	5·355	5·349	5·344	5·348	5·348	5·348	5·356	5·362	5·364	5·364	5·357	5·354	5·355	5·352	5·350	5·353	5·356	5·349	5·350	5·345	5·355
20	5·343	5·327	5·324	5·319	5·310	5·311	5·309	5·307	5·303	5·305	5·318	5·324	5·336	5·350	5·359	5·356	5·362	5·366	5·370	5·372	5·379	5·380	5·379	5·381	5·341
21	5·376	5·377	5·368	5·365	5·361	5·361	5·364	5·364	5·361	5·358	5·348	5·348	5·344	5·338	5·337	5·329	5·323	5·317	5·317	5·314	5·320	5·314	5·308	5·301	5·342
22	5·292	5·285	5·282	5·280	5·280	5·287	5·294	5·308	5·313	5·317	5·330	5·337	5·345	5·346	5·345	5·353	5·353	5·362	5·373	5·385	5·415	5·428	5·430	5·428	5·340
23	5·436	5·434	5·436	5·445	5·441	5·455	5·467	5·483	5·494	5·510	5·520	5·521	5·525	5·514	5·510	5·497	5·484	5·487	5·491	5·464	5·460	5·465	5·460	5·453	5·477
24	5·440	5·429	5·417	5·411	5·400	5·395	5·405	5·401	5·402	5·397	5·403	5·409	5·414	5·415	5·425	5·430	5·441	5·432	5·449	5·447	5·455	5·455	5·444	5·460	5·424
25	5·447	5·454	5·463	5·476	5·486	5·490	5·491	5·490	5·508	5·522	5·526	5·536	5·546	5·554	5·564	5·569	5·569	5·572	5·569	5·565	5·565	5·553	5·550	5·545	5·525
26	5·532	5·522	5·505	5·500	5·480	5·502	5·503	5·501	5·483	5·495	5·483	5·472	5·467	5·450	5·429	5·423	5·390	5·383	5·363	5·346	5·329	5·307	5·281	5·261	5·434
27	5·240	5·223	5·205	5·191	5·179	5·170	5·168	5·171	5·173	5·179	5·181	5·201	5·179	5·194	5·204	5·197	5·189	5·191	5·185	5·188	5·190	5·182	5·187	5·188	5·190
28	5·190	5·192	5·184	5·187	5·167	5·182	5·193	5·169	5·187	5·186	5·195	5·204	5·194	5·206	5·193	5·180	5·171	5·156	5·156	5·138	5·134	5·132	5·096	5·096	5·170
29	5·082	5·071	5·046	5·043	5·035	5·043	5·044	5·064	5·080	5·095	5·106	5·114	5·123	5·128	5·130	5·147	5·159	5·166	5·176	5·192	5·202	5·215	5·220	5·226	5·121
30	5·237	5·232	5·251	5·249	5·271	5·278	5·316	5·346	5·342	5·353	5·390	5·408	5·422	5·427	5·441	5·444	5·450	5·451	5·451	5·456	5·458	5·464	5·467	5·471	5·378
31	5·461	5·460	5·460	5·468	5·456	5·457	5·464	5·468	5·470	5·478	5·481	5·487	5·486	5·485	5·484	5·480	5·477	5·470	5·476	5·471	5·468	5·459	5·448	5·440	5·468
Mean.	5·370	5·367	5·361	5·360	5·358	5·362	5·367	5·372	5·376	5·381	5·385	5·389	5·391	5·393	5·394	5·394	5·392	5·391	5·393	5·392	5·396	5·394	5·391	5·388	5·381

BAROMETER. Reduced to 32°. 4407 feet above Sea Level. First figure omitted. AUGUST 1891.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	5·428	5·420	5·402	5·392	5·385	5·377	5·370	5·355	5·365	5·359	5·353	5·339	5·338	5·342	5·334	5·329	5·319	5·307	5·297	5·294	5·288	5·284	5·265	5·250	5·341
2	5·240	5·224	5·203	5·183	5·177	5·152	5·146	5·161	5·163	5·166	5·161	5·158	5·155	5·155	5·153	5·150	5·141	5·135	5·131	5·131	5·132	5·132	5·125	5·116	5·158
3	5·105	5·092	5·087	5·079	5·076	5·079	5·086	5·094	5·099	5·097	5·105	5·106	5·100	5·111	5·112	5·106	5·109	5·124	5·108	5·130	5·142	5·144	5·142	5·138	5·107
4	5·130	5·132	5·112	5·117	5·116	5·145	5·163	5·192	5·213	5·215	5·236	5·250	5·269	5·273	5·274	5·295	5·316	5·326	5·335	5·326	5·346	5·357	5·359	5·373	5·245
5	5·368	5·367	5·375	5·380	5·383	5·394	5·406	5·417	5·410	5·426	5·438	5·448	5·463	5·459	5·467	5·473	5·472	5·482	5·477	5·482	5·489	5·490	5·491	5·487	5·439
6	5·484	5·483	5·470	5·464	5·479	5·478	5·483	5·493	5·501	5·505	5·511	5·525	5·527	5·534	5·535	5·535	5·527	5·521	5·523	5·528	5·531	**5·536**	5·532	5·506	5·509
7	5·513	5·501	5·482	5·479	5·465	5·444	5·447	5·442	5·439	5·453	5·455	5·455	5·463	5·467	[5·475]	5·471	5·478	5·485	5·484	5·481	5·489	5·482	5·477	5·477	5·471
8	5·478	5·479	5·468	5·447	5·438	5·421	5·416	5·398	5·381	5·380	5·385	5·373	5·369	5·359	5·359	5·344	5·330	5·326	5·316	5·317	5·321	5·318	5·310	5·304	5·377
9	5·291	5·279	5·272	5·259	5·248	5·242	5·236	5·239	5·235	5·235	5·233	5·227	5·229	5·222	5·217	5·211	5·208	5·204	5·205	5·220	5·230	5·236	5·233	5·243	5·226
10	5·244	5·254	5·258	5·254	5·258	5·267	5·284	5·295	5·316	5·327	5·349	5·365	5·372	5·379	5·388	5·387	5·390	5·394	5·404	5·403	5·411	5·410	5·405	5·394	5·342
11	5·381	5·359	5·352	5·322	5·304	5·298	5·285	5·257	5·219	5·184	5·184	5·184	5·184	5·193	5·195	5·206	5·203	5·192	5·173	5·167	5·169	5·140	5·128	5·112	5·225
12	5·085	5·078	5·050	5·028	5·002	4·998	4·990	4·987	5·985	4·979	4·982	4·986	5·010	5·024	5·045	5·055	5·059	5·073	5·095	5·107	5·104	5·112	5·121	5·120	5·045
13	5·152	5·170	5·198	5·209	5·213	5·232	5·261	5·298	5·317	5·326	5·342	5·357	5·369	5·384	5·383	5·385	5·385	5·388	5·391	5·388	5·387	5·389	5·374	5·363	5·319
14	5·355	5·341	5·338	5·324	5·318	5·308	5·316	5·332	5·338	5·336	5·328	5·328	5·326	5·327	5·319	5·313	5·312	5·311	5·311	5·308	5·296	5·285	5·287	5·282	5·318
15	5·281	5·281	5·263	5·255	5·237	5·237	5·235	5·232	5·235	5·240	5·248	5·248	5·253	5·257	5·263	5·264	5·269	5·276	5·288	5·304	5·313	5·332	5·341	5·341	5·271
16	5·355	5·360	5·370	5·374	5·374	5·377	5·391	5·407	5·414	5·421	5·429	5·432	5·440	5·446	5·442	5·442	5·440	5·436	5·434	5·434	5·428	5·410	5·403	5·396	5·411
17	5·371	5·367	5·347	5·309	5·289	5·277	5·266	5·220	5·211	5·178	5·177	5·180	5·136	5·115	5·107	5·101	5·086	5·073	5·074	5·063	5·031	5·027	5·043	5·041	5·170
18	5·050	5·052	5·071	5·091	5·099	5·105	5·117	5·127	5·133	5·135	5·145	5·145	5·141	5·135	5·122	5·123	5·127	5·114	5·116	5·106	5·110	5·086	5·079	5·068	5·108
19	5·059	5·056	5·038	5·028	5·027	5·029	5·020	5·007	5·009	5·021	5·044	5·057	5·062	5·047	5·075	5·068	5·079	5·088	5·082	5·099	5·108	5·112	5·112	5·110	5·060
20	5·118	5·120	5·125	5·116	5·125	5·126	5·131	5·139	5·144	5·146	5·146	5·147	5·149	5·146	5·132	5·123	5·116	5·113	5·113	5·115	5·107	5·108	5·098	5·101	5·125
21	5·097	5·097	5·086	5·086	5·086	5·087	5·093	5·099	5·109	5·117	5·125	5·130	5·134	5·137	5·137	5·152	5·147	5·169	5·176	5·190	5·185	5·212	5·232	5·235	5·138
22	5·223	5·222	5·225	5·227	5·241	5·248	5·268	5·276	5·286	5·305	5·319	5·329	5·339	5·347	5·341	5·333	5·354	5·357	5·360	5·359	5·352	5·337	5·332	5·332	5·305
23	5·314	5·302	5·299	5·268	5·292	5·285	5·292	5·296	5·308	5·310	5·310	5·314	5·315	5·305	5·303	5·300	5·297	5·294	5·297	5·295	5·294	5·267	5·253	5·242	5·294
24	5·221	5·215	5·203	5·207	5·187	5·183	5·163	5·160	5·154	5·148	5·141	5·129	5·118	5·109	5·081	5·091	5·081	5·064	5·048	5·036	5·012	4·983	4·966	4·935	5·110
25	4·891	4·867	4·847	4·833	4·835	4·820	4·818	4·817	4·820	4·809	4·814	4·805	4·801	4·781	4·767	4·737	4·716	4·678	4·653	4·624	4·605	4·565	4·515	4·474	4·746
26	4·420	4·377	4·372	**4·360**	4·380	4·400	4·448	4·526	4·584	4·638	4·686	4·717	4·754	4·789	4·819	4·837	4·847	4·854	4·861	4·865	4·871	4·874	4·887	4·896	4·669
27	4·891	4·888	4·876	[4·874]	4·872	4·879	4·884	4·890	4·898	4·902	4·903	4·903	4·902	4·891	4·879	4·874	4·866	4·852	4·854	4·840	4·837	4·842	4·838	4·835	4·874
28	4·820	4·812	4·814	4·804	4·817	4·844	4·871	4·890	4·906	4·925	4·949	4·975	4·992	5·009	5·032	5·053	5·068	5·074	5·109	5·134	5·148	5·160	5·171	5·178	4·981
29	5·196	5·203	5·208	5·211	5·212	5·236	5·255	5·272	5·291	5·301	5·318	5·330	5·347	5·349	5·355	5·369	5·381	5·390	5·398	5·405	5·412	5·421	5·421	5·416	5·321
30	5·422	5·417	5·410	5·401	5·396	5·392	5·399	5·385	5·388	5·382	5·378	5·361	5·347	5·326	5·316	5·294	5·270	5·258	5·241	5·206	5·188	5·167	5·127	5·102	5·316
31	5·057	5·031	5·013	4·984	4·948	4·951	4·933	4·923	4·917	4·910	4·896	4·875	4·844	4·801	4·754	4·722	4·640	4·584	4·575	4·560	4·553	4·535	4·529	4·513	4·794
Mean.	5·195	5·189	5·182	5·173	5·170	5·171	5·177	5·181	5·187	5·190	5·196	5·199	5·202	5·201	5·199	5·198	5·195	5·192	5·191	5·191	5·190	5·186	5·181	5·174	5·188

BAROMETER. REDUCED TO 32° AND SEA LEVEL. FIRST FIGURE OMITTED. JULY 1891.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	9·558	9·561	9·562	9·574	9·581	9·598	9·612	9·632	9·652	9·659	9·661	9·668	9·670	9·670	9·667	9·671	9·667	9·666	9·665	9·671	9·679	9·681	9·682	9·679	9·641
2	9·671	9·666	9·660	9·656	9·655	9·659	9·653	9·648	9·642	9·636	9·633	9·633	9·613	9·625	9·600	9·612	9·611	9·609	9·607	9·604	9·607	9·608	9·609	9·607	9·630
3	9·604	9·604	9·604	9·611	9·622	9·643	9·653	9·666	9·683	9·690	9·700	9·709	9·718	9·732	9·735	9·748	9·765	9·777	9·790	9·803	9·825	9·845	9·853	9·862	9·718
4	9·859	9·863	9·865	9·872	9·876	9·885	9·893	9·905	9·914	9·921	9·929	9·930	9·930	9·933	9·930	9·930	9·936	9·946	9·942	9·942	9·946	9·943	9·939	9·933	9·915
5	9·924	9·922	9·912	9·904	9·891	9·890	9·882	9·869	9·855	9·843	9·826	9·823	9·810	9·791	9·758	9·741	9·725	9·706	9·694	9·673	9·659	9·645	9·630	9·611	9·791
6	9·633	9·582	9·567	9·561	9·556	9·568	9·565	9·559	9·549	9·532	9·515	9·503	9·477	9·447	9·420	9·419	**9·414**	9·427	9·430	9·430	9·432	9·429	9·434	9·426	9·495
7	9·426	9·425	9·420	9·426	9·435	9·440	9·448	9·451	9·466	9·481	9·484	9·489	9·483	9·482	9·482	9·492	9·505	9·520	9·545	9·581	9·609	9·642	9·648	9·664	9·502
8	9·665	9·681	9·685	9·697	9·713	9·742	9·767	9·797	9·818	9·847	9·865	9·879	9·891	9·921	9·929	9·946	9·961	9·980	9·987	0·005	0·027	0·039	0·051	0·062	9·873
9	0·067	0·083	0·082	0·096	0·103	0·120	0·137	0·139	0·151	0·155	0·154	0·148	0·145	0·138	0·130	0·129	0·129	0·132	0·130	0·140	0·155	0·159	0·164	0·162	0·131
10	0·154	0·158	0·146	0·147	0·144	0·140	0·134	0·126	0·124	0·104	0·103	0·099	0·091	0·087	0·075	0·075	0·075	0·071	0·072	0·064	0·059	0·056	0·051	0·043	0·100
11	0·030	0·024	0·007	0·002	9·997	0·002	0·002	0·003	0·002	9·996	9·978	9·979	9·976	9·971	9·966	9·963	9·955	9·956	9·954	9·950	9·950	9·946	9·942	9·936	9·979
12	9·932	9·928	9·914	9·919	9·923	9·928	9·932	9·941	9·942	9·942	9·947	9·953	9·965	9·969	9·986	9·993	9·998	0·010	0·019	0·033	0·049	0·057	0·066	0·069	9·976
13	0·074	0·084	0·091	0·103	0·118	0·138	0·151	0·170	0·191	0·204	0·205	0·224	0·230	0·248	0·256	0·266	0·274	0·290	0·308	0·322	0·340	0·358	0·368	0·374	0·224
14	0·378	0·387	0·391	0·401	0·413	**0·429**	0·426	0·423	0·419	0·412	0·401	0·389	0·377	0·369	0·361	0·350	0·342	0·334	0·332	0·333	0·340	0·346	0·350	0·349	0·377
15	0·346	0·337	0·329	0·317	0·309	0·301	0·288	0·273	0·261	0·235	0·215	0·184	0·159	0·142	0·120	0·103	0·092	0·082	0·069	0·064	0·052	0·042	0·030	0·009	0·182
16	9·994	9·979	9·964	9·950	9·926	9·926	9·918	9·894	9·871	9·860	9·854	9·846	9·829	9·804	9·786	9·774	9·765	9·773	9·786	9·787	9·789	9·793	9·786	9·780	9·851
17	9·771	9·762	9·753	9·747	9·733	9·733	9·729	9·727	9·728	9·734	9·736	9·744	9·745	9·752	9·765	9·772	9·769	9·774	9·786	9·795	9·804	9·815	9·812	9·820	9·763
18	9·817	9·812	9·811	9·796	9·796	9·790	9·787	9·790	9·788	9·777	9·768	9·780	9·797	9·790	9·790	9·801	9·804	9·812	9·820	9·843	9·862	9·866	9·861	9·857	9·809
19	9·853	9·851	9·850	9·843	9·843	9·844	9·834	9·826	9·815	9·816	9·813	9·810	9·810	9·805	9·799	9·799	9·799	9·801	9·803	9·811	9·815	9·818	9·821	9·825	9·821
20	9·817	9·809	9·799	9·796	9·789	9·789	9·788	9·793	9·786	9·780	9·780	9·790	9·796	9·809	9·810	9·815	9·819	9·829	9·835	9·838	9·853	9·851	9·846	9·848	9·811
21	9·849	9·847	9·838	9·836	9·828	9·836	9·832	9·831	9·830	9·821	9·810	9·807	9·799	9·796	9·791	9·790	9·781	9·769	9·766	9·767	9·775	9·774	9·771	9·766	9·805
22	9·760	9·760	9·759	9·760	9·762	9·773	9·783	9·796	9·802	9·804	9·810	9·816	9·826	9·837	9·844	9·846	9·846	9·851	9·865	9·878	9·903	9·921	9·923	9·927	9·827
23	9·937	9·939	9·941	9·947	9·951	9·965	9·973	9·983	9·987	0·002	[0·003]	[0·005]	[0·000]	[9·996]	[9·992]	[9·984]	9·972	9·985	9·999	9·977	9·983	9·983	9·973	9·955	9·976
24	9·936	9·922	9·912	9·913	9·914	9·914	9·932	9·921	9·924	9·925	9·929	9·931	9·942	9·949	9·953	9·950	9·965	9·973	9·990	9·994	9·996	0·010	0·009	0·001	9·950
25	0·006	0·005	0·008	0·030	0·025	0·037	0·051	0·053	0·060	0·065	0·065	0·076	0·080	0·080	0·080	0·091	0·096	0·101	0·096	0·095	0·091	0·090	0·086	0·082	0·065
26	0·070	0·064	0·053	0·045	0·036	0·032	0·023	0·009	9·991	9·970	9·952	9·948	9·938	9·923	9·904	9·890	9·882	9·864	9·841	9·823	9·804	9·785	9·764	9·740	9·931
27	9·732	9·725	9·712	9·711	9·718	9·720	9·719	9·713	9·714	9·723	9·722	9·732	9·726	9·731	9·734	9·732	9·734	9·732	9·726	9·733	9·734	9·744	9·740	9·745	9·727
28	9·739	9·748	9·735	9·740	9·750	9·743	9·740	9·744	9·739	9·740	9·740	9·746	9·731	9·735	9·720	9·714	9·707	9·699	9·690	9·676	9·667	9·666	9·651	9·642	9·717
29	9·629	9·614	9·594	9·581	9·565	9·564	9·564	9·568	9·570	9·575	9·583	9·587	9·594	9·600	9·603	9·605	9·610	9·621	9·637	9·664	9·679	9·699	9·710	9·722	9·614
30	9·734	9·751	9·759	9·775	9·799	9·822	9·840	9·860	9·865	9·871	9·884	9·893	9·900	9·899	9·890	9·892	9·901	9·917	9·928	9·945	9·954	9·966	9·972	9·974	9·875
31	9·976	9·979	9·973	9·975	9·971	9·980	9·979	9·987	9·986	9·989	9·981	9·974	9·975	9·971	9·968	9·960	9·963	9·964	9·963	9·961	9·963	9·961	9·949	9·945	9·971
MEAN.	9·869	9·867	9·861	9·862	9·863	9·869	9·872	9·874	9·875	9·874	9·872	9·874	9·872	9·871	9·866	9·866	9·867	9·870	9·873	9·877	9·884	9·888	9·887	9·884	9·872

BAROMETER. REDUCED TO 32° AND SEA LEVEL. FIRST FIGURE OMITTED. AUGUST 1891.

	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	9·935	9·927	9·911	9·896	9·884	9·878	9·865	9·859	9·852	9·848	9·836	9·827	9·821	9·819	9·804	9·794	9·777	9·772	9·763	9·764	9·766	9·763	9·754	9·744	9·827
2	9·729	9·715	9·692	9·668	9·652	9·642	9·632	9·641	9·640	9·637	9·631	9·642	9·634	9·626	9·615	9·610	9·605	9·605	9·599	9·604	9·604	9·601	9·597	9·593	9·634
3	9·579	9·570	9·561	9·554	9·549	9·555	9·559	9·554	9·553	9·551	9·558	9·563	9·563	9·563	9·555	9·568	9·576	9·595	9·593	9·598	9·605	9·612	9·620	9·620	9·574
4	9·615	9·614	9·606	9·607	9·619	9·616	9·633	9·654	9·665	9·671	9·691	9·698	9·708	9·718	9·733	9·744	9·758	9·770	9·789	9·802	9·826	9·842	9·852	9·858	9·712
5	9·862	9·862	9·864	9·882	9·887	9·900	9·909	9·916	9·929	9·928	9·942	9·943	9·955	9·959	9·956	9·954	9·960	9·956	9·968	9·983	0·002	0·008	0·015	0·017	9·940
6	0·024	0·023	0·025	0·036	0·044	0·047	0·044	0·048	0·052	0·054	0·057	0·057	0·061	0·072	0·077	0·069	0·065	0·071	0·073	0·073	**0·080**	0·077	0·062	0·054	0·056
7	0·047	0·032	0·012	0·000	9·977	9·960	9·944	9·948	9·943	9·946	9·950	9·958	9·961	9·964	9·963	9·966	9·966	9·964	9·960	9·960	9·954	9·954	9·948	9·950	9·968
8	9·948	9·943	9·924	9·912	9·907	9·901	9·884	9·864	9·844	9·837	9·824	9·811	9·807	9·801	9·790	9·780	9·772	9·770	9·761	9·762	9·767	9·773	9·772	9·764	9·830
9	9·755	9·736	9·720	9·707	9·700	9·694	9·684	9·672	9·666	9·664	9·655	9·645	9·642	9·635	9·633	9·619	9·623	9·624	9·627	9·648	9·677	9·690	9·691	9·708	9·671
10	9·714	9·727	9·739	9·745	9·755	9·771	9·791	9·804	9·815	9·825	9·828	9·837	9·835	9·841	9·849	9·858	9·865	9·879	9·885	9·897	9·910	9·910	9·903	9·893	9·829
11	9·881	9·863	9·853	9·833	9·823	9·809	9·791	9·757	9·711	9·661	9·642	9·638	9·635	9·652	9·656	9·661	9·650	9·651	9·642	9·643	9·631	9·615	9·594	9·574	9·703
12	9·556	9·542	9·515	9·480	9·468	9·456	9·443	9·437	9·423	9·414	[9·418]	[9·423]	[9·435]	9·456	9·474	9·482	9·509	9·542	9·564	9·582	9·590	9·605	9·610	9·633	9·502
13	9·656	9·671	9·696	9·713	9·732	9·760	9·778	9·814	9·822	9·838	9·853	9·853	9·869	9·873	9·875	9·878	9·879	9·877	9·881	9·879	9·885	9·877	9·864	9·855	9·820
14	9·846	9·823	9·819	9·807	9·799	9·791	9·797	9·799	9·798	9·789	9·785	9·780	9·773	9·767	9·760	9·758	9·753	9·755	9·752	9·753	9·761	9·763	9·767	9·765	9·782
15	9·757	9·753	9·749	9·739	9·719	9·725	9·719	9·714	9·715	9·715	9·727	9·724	9·727	9·734	9·728	9·734	9·739	9·752	9·764	9·784	9·802	9·819	9·828	9·836	9·750
16	9·850	9·862	9·872	9·876	9·886	9·898	9·918	9·924	9·931	9·936	9·935	9·933	9·934	9·931	9·927	9·928	9·923	9·923	9·923	9·924	9·925	9·918	9·906	9·903	9·912
17	9·884	9·877	9·863	9·845	9·828	9·811	9·801	9·773	9·742	9·724	9·684	9·664	9·640	9·620	9·607	9·598	9·568	9·548	9·532	9·529	9·512	9·494	9·484	9·482	9·671
18	9·464	9·480	9·492	9·503	9·516	9·532	9·541	9·554	9·550	9·538	9·534	9·524	9·515	9·507	9·499	9·493	9·483	9·482	9·493	9·508	9·501	9·495	9·485	9·483	9·507
19	9·475	9·463	9·448	9·437	9·433	9·443	9·437	9·444	9·440	9·444	9·454	9·463	9·455	9·483	9·477	9·482	9·485	9·496	9·501	9·525	9·533	9·536	9·541	9·555	9·477
20	9·565	9·571	9·568	9·555	9·569	9·567	9·568	9·572	9·571	9·569	9·556	9·557	9·561	9·557	9·546	9·549	9·542	9·539	9·537	9·541	9·538	9·533	9·536	9·536	9·554
21	9·535	9·530	9·529	9·530	9·534	9·542	9·545	9·557	9·571	9·579	9·576	9·582	9·591	9·603	9·614	9·617	9·621	9·632	9·644	9·667	9·673	9·699	9·711	9·723	9·600
22	9·724	9·729	9·732	9·735	9·733	9·745	9·764	9·782	9·782	9·797	9·793	9·787	9·793	9·784	9·801	9·792	9·797	9·814	9·819	9·827	9·839	9·843	9·849	9·849	9·788
23	9·842	9·837	9·836	9·834	9·834	9·841	9·838	9·840	9·840	9·840	9·829	9·820	9·809	9·803	9·787	9·777	9·766	9·755	9·765	9·775	9·771	9·765	9·763	9·753	9·805
24	9·744	9·730	9·721	9·697	9·685	9·679	9·663	9·647	9·636	9·621	9·600	9·585	9·558	9·555	9·535	9·517	9·497	9·480	9·481	9·467	9·438	9·416	9·393	9·363	9·571
25	9·326	9·299	9·274	9·257	9·248	9·243	9·244	9·238	9·239	9·227	9·213	9·215	9·207	9·186	9·160	9·128	9·086	9·044	9·007	8·975	9·938	8·892	8·849	8·792	9·137
26	8·732	8·688	8·677	**8·668**	8·692	8·740	8·810	8·907	8·956	9·023	9·068	9·112	9·154	9·202	9·222	9·246	9·257	9·274	9·277	9·296	9·302	9·318	9·323	9·326	9·053
27	9·320	9·323	9·318	9·314	9·311	9·317	9·326	9·330	9·326	9·330	9·319	9·317	9·301	9·291	9·279	9·276	9·265	9·257	9·265	9·259	9·259	9·263	9·267	9·265	9·296
28	9·260	9·254	9·256	9·250	9·254	9·274	9·314	9·337	9·356	9·386	9·401	9·424	9·440	9·465	9·505	9·540	9·558	9·579	9·597	9·623	[9·653]	9·668	9·683	9·699	9·449
29	9·707	9·719	9·725	9·737	9·745	9·769	9·790	9·812	9·826	9·838	9·850	9·864	9·872	9·878	9·886	9·896	9·913	9·934	9·950	9·955	9·976	[9·989]	[9·994]	[0·001]	9·860
30	0·006	0·004	0·004	0·002	9·990	9·988	9·980	9·972	9·960	9·940	9·916	9·897	9·867	9·843	9·823	9·793	9·772	9·750	9·729	9·708	9·680	9·657	9·623	9·594	9·854
31	9·564	9·532	9·503	9·474	9·439	9·410	9·390	9·373	9·360	9·342	9·315	9·285	9·246	9·202	9·138	9·089	9·015	8·963	8·915	8·882	8·863	8·874	8·876	8·855	9·204
MEAN.	9·674	9·668	9·661	9·655	9·652	9·655	9·658	9·663	9·662	9·662	9·659	9·659	9·657	9·658	9·654	9·651	9·647	9·647	9·647	9·651	9·654	9·654	9·650	9·647	9·656

BAROMETER. Reduced to 32°. 4407 feet above Sea Level. First figure omitted. SEPTEMBER 1891.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	4·483	4·454	4·437	4·427	4·395	4·380	4·365	4·338	4·330	4·318	4·304	4·286	4·271	**4·260**	4·304	4·379	4·411	4·435	4·493	4·558	4·586	4·612	4·632	4·648	4·421
2	4·676	4·701	4·713	4·736	4·754	4·792	4·812	4·834	4·857	4·884	4·923	4·945	4·971	5·001	5·020	5·040	5·052	5·071	5·087	5·114	5·131	5·154	5·171	5·179	4·942
3	5·193	5·216	5·227	5·236	5·246	5·270	5·291	5·307	5·324	5·337	5·358	5·366	5·376	5·387	5·387	5·385	5·389	5·395	5·394	5·397	5·399	5·402	5·396	5·396	5·336
4	5·394	5·384	5·385	5·383	5·382	5·384	5·395	5·406	5·418	5·425	5·425	5·426	5·432	5·440	5·441	5·442	5·436	5·438	5·439	5·436	5·434	5·423	5·423	5·419	5·417
5	5·414	5·404	5·388	5·380	5·364	5·363	5·347	5·340	5·325	5·314	5·316	5·311	5·305	5·290	5·282	5·263	5·229	5·184	5·127	5·108	5·125	5·123	5·108	5·104	5·271
6	5·090	5·081	5·056	5·055	5·044	5·046	5·049	5·054	5·043	5·035	5·040	5·034	5·029	5·023	5·007	5·006	5·014	5·051	5·086	5·117	5·134	5·163	5·181	5·185	5·068
7	5·198	5·222	5·231	5·237	5·242	5·262	5·290	5·318	5·335	5·349	5·368	5·384	5·393	5·404	5·410	5·420	5·422	5·429	5·442	5·453	5·460	5·463	5·465	5·459	5·361
8	5·458	5·452	5·442	5·434	5·432	5·437	5·440	5·447	5·456	5·460	5·472	5·485	5·490	5·500	5·503	5·515	5·523	5·525	5·534	5·548	5·546	5·551	5·551	5·549	5·490
9	5·546	5·544	5·531	5·523	5·522	5·523	5·534	5·522	5·508	5·508	5·506	5·512	5·502	5·504	5·496	5·501	5·519	5·528	5·542	5·561	5·573	5·570	5·574	5·576	5·530
10	5·587	5·588	5·580	5·581	5·579	5·588	5·590	5·594	5·600	5·598	5·602	5·600	5·588	5·576	5·587	5·577	5·578	5·587	5·587	5·598	5·605	5·605	5·607	5·610	5·519
11	5·610	5·612	5·612	5·605	5·601	5·624	5·614	5·630	5·632	**5·635**	5·633	5·630	5·626	5·631	5·623	5·619	5·605	5·602	5·608	5·615	5·610	5·601	5·602	5·590	5·615
12	5·584	5·563	5·577	5·576	5·570	5·578	5·577	5·587	5·591	5·599	5·600	5·603	5·603	5·603	5·604	5·603	5·591	5·589	5·584	5·586	5·586	5·571	5·560	5·551	5·585
13	5·529	5·514	5·500	5·490	5·476	5·478	5·482	5·484	5·480	5·471	5·462	5·449	5·446	5·441	5·427	5·411	5·382	5·363	5·355	5·350	5·327	5·303	5·281	5·272	5·424
14	5·265	5·259	5·252	5·245	5·228	5·223	5·233	5·241	5·237	5·245	5·246	5·246	5·250	5·245	5·245	5·248	5·242	5·258	5·264	5·276	5·284	5·283	5·295	5·301	5·255
15	5·308	5·322	5·334	5·350	5·358	5·374	5·394	5·403	5·430	5·437	5·452	5·472	5·484	5·508	5·510	5·515	5·518	5·529	5·529	5·545	5·545	5·556	5·559	5·552	5·458
16	5·556	5·556	5·558	5·549	5·542	5·530	5·537	5·537	5·538	5·542	5·530	5·530	5·527	5·519	5·499	5·478	5·468	5·451	5·437	5·432	5·429	5·415	5·406	5·403	5·499
17	5·390	5·376	5·382	5·371	5·360	5·355	5·361	5·363	5·362	5·360	5·358	5·353	5·346	5·342	5·329	5·324	5·320	5·310	5·303	5·300	5·290	5·271	5·262	5·243	5·335
18	5·235	5·226	5·220	5·210	5·198	5·198	5·197	5·195	5·201	5·196	5·194	5·198	5·215	5·222	5·214	5·223	5·222	5·219	5·229	5·247	5·246	5·246	5·254	5·253	5·219
19	5·265	5·273	5·273	5·271	5·266	5·275	5·290	5·293	5·308	5·324	5·333	5·341	5·352	5·366	5·371	5·371	5·371	5·379	5·378	5·379	5·373	5·374	5·372	5·366	5·332
20	5·357	5·340	5·331	5·323	5·318	5·317	5·320	5·318	5·323	5·320	5·308	5·309	5·310	5·305	5·291	5·282	5·283	5·270	5·287	5·289	5·280	5·268	5·268	5·280	5·304
21	5·272	5·264	5·263	5·245	5·265	5·212	5·275	5·230	5·248	5·279	5·286	5·330	5·333	5·284	5·304	5·326	5·333	5·340	5·319	5·334	5·395	5·372	5·416	5·413	5·306
22	5·426	5·434	5·438	5·438	5·446	5·456	5·471	5·485	5·491	5·506	5·510	5·526	5·531	5·530	5·520	5·518	5·516	5·521	5·523	5·527	5·525	5·526	5·528	5·529	5·497
23	5·524	5·521	5·518	5·517	5·515	5·512	5·522	5·529	5·537	5·551	5·548	5·538	5·541	5·544	5·541	5·540	5·540	5·529	5·533	5·531	5·531	5·534	5·516	5·508	5·530
24	5·504	5·476	5·467	5·449	5·442	5·412	5·404	5·397	5·366	5·391	5·370	5·381	5·387	5·379	5·375	5·365	5·378	5·398	5·406	5·418	5·427	5·442	5·450	5·454	5·414
25	5·455	5·463	5·467	5·470	5·468	5·468	5·480	5·483	5·485	5·479	5·464	5·434	5·423	5·382	5·352	5·314	5·286	5·253	5·182	5·145	5·127	5·055	5·026	5·001	5·340
26	5·015	4·992	4·976	4·953	4·922	4·896	4·876	4·853	4·831	4·799	4·769	4·781	4·818	4·830	4·826	4·830	4·841	4·829	4·847	4·830	4·830	4·838	4·831	4·868	4·862
27	4·871	4·887	4·909	4·918	4·966	4·977	5·034	5·071	5·089	5·117	5·145	5·181	5·195	5·189	5·207	5·222	5·254	5·274	5·288	5·296	5·320	5·323	5·314	5·305	5·140
28	5·285	5·280	5·253	5·232	5·221	5·198	5·224	5·217	5·221	5·230	5·249	5·258	5·244	5·212	5·180	5·179	5·172	5·160	5·147	5·140	5·170	5·153	5·152	5·133	5·205
29	5·132	5·111	5·086	5·077	5·077	5·072	5·065	5·065	5·068	5·056	5·052	5·046	5·046	5·044	5·058	5·057	5·070	5·072	5·080	5·079	5·077	5·086	5·082	5·070	5·072
30	5·062	5·054	5·035	5·023	5·016	5·003	4·983	4·956	4·912	4·887	4·883	4·888	4·892	4·900	4·898	4·911	4·909	4·909	4·921	4·933	4·927	4·931	4·920	4·917	4·945
Mean.	5·289	5·286	5·281	5·277	5·274	5·273	5·282	5·283	5·285	5·288	5·290	5·295	5·298	5·295	4·294	5·295	5·296	5·297	5·298	5·305	5·310	5·307	5·307	5·304	5·292

BAROMETER. Reduced to 32°. 4407 feet above Sea Level. First figure omitted. OCTOBER 1891.

	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	4·915	4·906	4·901	4·903	4·890	4·899	4·912	4·915	4·927	4·924	4·930	4·937	4·940	4·957	4·960	4·958	4·961	4·964	4·970	4·967	4·972	4·964	4·971	4·977	4·938
2	4·988	5·008	5·026	5·047	5·071	5·089	5·116	5·149	5·180	5·202	5·224	5·246	5·261	5·294	5·305	5·306	5·314	5·321	5·321	5·332	5·329	5·326	5·322	5·326	5·213
3	5·321	5·310	5·305	5·312	5·308	5·312	5·330	5·344	5·347	5·361	5·367	5·387	5·402	5·420	5·419	5·436	5·440	5·445	5·452	5·443	5·444	5·429	5·419	5·405	5·382
4	5·413	5·406	5·380	5·362	5·372	5·373	5·368	5·372	5·380	5·393	5·405	5·398	5·404	5·414	5·409	5·397	5·385	5·376	5·370	5·366	5·353	5·341	5·318	5·302	5·377
5	5·278	5·276	5·261	5·244	5·237	5·217	5·210	5·209	5·178	5·158	5·118	5·065	4·989	4·964	4·909	4·936	4·865	4·906	4·845	4·810	4·721	4·595	4·664	4·659	5·013
6	4·644	4·617	4·594	4·577	4·561	4·512	4·549	4·562	4·579	4·554	4·538	4·500	4·515	4·557	4·571	4·591	4·589	4·596	4·592	4·609	4·616	4·603	4·606	4·641	4·578
7	4·641	4·648	4·634	4·648	4·658	4·677	4·686	4·702	4·736	4·755	4·776	4·793	4·797	4·818	4·828	4·831	4·842	4·862	4·882	4·905	4·920	4·931	4·936	4·940	4·785
8	4·950	4·953	4·954	4·971	4·980	4·991	4·991	5·014	5·027	5·039	5·046	5·037	5·030	5·027	5·004	4·966	4·929	4·873	4·852	4·793	4·720	4·687	4·704	4·677	4·926
9	4·686	4·677	4·699	4·711	4·718	4·716	4·708	4·720	4·721	4·742	4·774	4·780	4·792	4·816	4·856	4·894	4·893	4·939	4·941	4·967	4·982	4·966	5·010	5·029	4·822
10	5·044	5·049	5·047	5·061	5·063	5·060	5·066	5·078	5·082	5·087	5·085	5·080	5·079	5·077	5·074	5·064	5·054	5·050	5·035	5·026	5·019	5·000	4·982	4·972	5·051
11	4·941	4·919	4·890	4·863	4·828	4·751	4·718	4·702	4·641	4·629	4·598	4·549	4·578	4·499	4·463	4·460	4·424	4·501	4·509	4·521	4·527	4·526	4·538	4·550	4·630
12	4·557	4·569	4·571	4·576	4·587	4·608	4·615	4·629	4·636	4·650	4·666	4·680	4·680	4·703	4·720	4·740	4·745	4·745	4·747	4·762	4·758	4·772	4·764	4·762	4·677
13	4·757	4·756	4·754	4·744	4·740	4·739	4·723	4·718	4·695	4·658	4·643	4·616	4·559	4·495	4·411	4·309	4·173	3·994	3·889	3·765	3·731	**3·685**	3·709	3·853	4·380
14	3·966	4·032	4·053	4·089	4·135	4·192	4·202	4·218	4·237	4·249	4·275	4·298	4·308	4·336	5·392	4·453	4·502	4·536	4·575	4·624	4·679	4·694	4·719	4·730	4·354
15	4·705	4·736	4·742	4·761	4·770	4·767	4·756	4·759	4·754	4·724	4·734	4·740	4·745	4·748	4·758	4·770	4·782	4·814	4·845	4·872	4·893	4·918	4·921	4·935	4·790
16	4·927	4·912	4·890	4·852	4·808	4·740	4·661	4·670	4·627	4·581	4·573	4·542	4·503	4·498	4·503	4·521	4·542	4·557	4·575	4·604	4·631	4·657	4·683	4·706	4·657
17	4·717	4·743	4·756	4·781	4·821	4·843	4·878	4·918	4·950	4·975	5·003	5·021	5·032	5·046	5·066	5·068	5·095	5·109	5·127	5·147	5·173	5·188	5·202	5·205	4·994
18	5·220	5·225	5·229	5·232	5·235	5·237	5·248	5·247	5·245	5·245	5·235	5·212	5·175	5·137	5·106	5·060	5·009	4·972	4·917	4·875	4·763	4·693	4·694	4·693	5·079
19	4·096	4·720	4·700	4·692	4·674	4·682	4·679	4·710	4·714	4·739	4·737	4·732	4·731	4·769	4·765	4·767	4·769	4·782	4·779	4·772	4·771	4·758	4·757	4·751	4·735
20	4·755	4·756	4·749	4·740	4·737	4·750	4·740	4·748	4·752	4·749	4·753	4·749	4·738	4·738	4·722	4·705	4·692	4·653	4·655	4·652	4·621	4·606	4·584	4·557	4·704
21	4·562	4·572	4·587	4·589	4·560	4·545	4·557	4·540	4·500	4·463	4·473	4·491	4·491	4·485	4·473	4·459	4·468	4·495	4·507	4·490	4·501	4·496	4·519	4·507	4·514
22	4·531	4·549	4·550	4·561	4·569	4·566	4·573	4·580	4·585	4·604	4·616	4·624	4·629	4·635	4·641	4·650	4·661	4·682	4·694	4·709	4·722	4·731	4·737	4·747	4·631
23	4·757	4·769	4·775	4·786	4·799	4·806	4·816	4·839	4·839	4·853	4·863	4·870	4·875	4·893	4·904	4·919	4·929	4·946	4·960	4·977	4·992	5·002	5·013	5·029	4·884
24	5·045	5·050	5·057	5·070	5·085	5·090	5·117	5·136	5·148	5·173	5·193	5·195	5·205	5·209	5·221	5·228	5·240	5·246	5·247	5·264	5·278	5·278	5·276	5·275	5·180
25	5·282	5·286	5·288	5·294	5·301	5·311	5·319	5·329	5·340	5·350	5·367	5·375	5·387	5·400	5·420	5·430	5·445	5·452	5·479	5·490	5·509	5·527	5·533	5·544	5·394
26	5·551	5·559	5·551	5·556	5·568	5·578	5·588	5·594	5·608	5·612	5·622	5·614	5·608	5·616	5·614	5·613	5·610	5·614	5·626	5·643	5·644	5·653	5·655	5·656	5·606
27	5·659	5·654	5·644	5·636	5·635	5·639	5·642	5·659	5·663	5·661	5·671	5·670	5·682	5·686	5·692	5·670	5·679	5·685	5·698	5·694	5·696	5·707	5·695	5·693	5·671
28	5·686	5·679	5·672	5·667	5·668	5·669	5·674	5·674	5·686	5·700	5·699	5·696	5·694	5·698	5·697	5·702	5·717	5·726	5·745	5·753	5·762	5·766	5·770	5·780	5·708
29	5·778	5·783	5·790	5·793	5·795	5·804	5·810	5·816	5·826	5·827	5·834	5·849	5·853	5·857	5·860	5·868	5·871	5·877	5·885	5·896	5·903	5·911	5·913	5·920	5·847
30	5·922	5·922	5·923	5·928	5·932	5·942	5·945	5·955	5·962	5·972	5·971	5·974	5·981	5·976	5·975	5·980	5·989	5·995	6·000	6·000	5·997	5·992	5·994	6·001	5·968
31	6·000	6·004	6·002	5·996	5·996	6·004	6·012	6·008	6·023	6·027	6·035	6·032	6·027	6·026	6·018	6·024	6·022	6·026	6·032	6·037	6·047	6·038	**6·049**	**6·049**	6·022
Mean.	5·029	5·034	5·031	5·034	5·036	5·036	5·039	5·049	5·051	5·053	5·059	5·057	5·055	5·058	5·057	5·057	5·053	5·056	5·056	5·057	5·054	5·046	5·053	5·060	5·049

BAROMETER. REDUCED TO 32° AND SEA LEVEL. FIRST FIGURE OMITTED. SEPTEMBER 1891.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid night.	Mean.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	8·832	8·795	8·779	8·754	8·735	8·726	8·711	8·698	8·681	8·667	8·653	8·623	8·587	**8·566**	8·618	8·691	8·730	8·788	8·841	8·915	8·944	8·967	9·000	9·031	8·764
2	9·051	9·084	9·103	9·136	9·156	9·185	9·205	9·241	9·276	9·306	9·355	9·387	9·412	9·446	9·465	9·485	9·511	9·538	9·567	9·599	9·621	9·647	9·667	9·684	9·380
3	9·706	9·722	9·740	9·760	9·778	9·799	9·824	9·842	9·859	9·873	9·875	9·882	9·883	9·897	9·899	9·892	9·894	9·898	9·898	9·912	9·919	9·920	9·911	9·920	9·854
4	9·914	9·909	9·903	9·905	9·902	9·915	9·919	9·931	9·935	9·935	9·925	9·933	9·933	9·937	9·934	9·936	9·930	9·939	9·949	9·959	9·955	9·956	9·955	9·955	9·932
5	9·947	9·937	9·916	9·901	9·883	9·887	9·871	9·867	9·849	9·823	9·820	9·814	9·802	9·790	9·776	9·752	9·724	9·687	9·626	9·588	9·592	9·595	9·581	9·581	9·775
6	9·570	9·567	9·545	9·546	9·536	9·540	9·544	9·553	9·542	9·543	9·528	9·512	9·516	9·503	9·480	9·488	9·509	9·554	9·602	9·644	9·662	9·693	9·704	9·726	9·567
7	9·743	9·762	9·771	9·789	9·798	9·816	9·838	9·864	9·873	9·892	9·908	9·909	9·922	9·929	9·928	9·938	9·939	9·950	9·965	9·982	9·998	0·009	0·010	0·007	9·898
8	0·002	9·998	9·982	9·970	9·966	9·963	9·963	9·968	9·976	9·974	9·973	9·972	9·966	9·977	9·975	9·983	9·984	9·998	0·005	0·025	0·025	0·034	0·026	0·027	9·989
9	0·014	0·011	9·994	9·988	9·980	9·984	9·991	9·971	9·975	9·977	9·965	9·974	9·966	9·976	9·973	9·981	9·987	9·997	9·999	0·025	0·027	0·023	0·024	0·037	9·993
10	0·035	0·037	0·026	0·031	0·036	0·047	0·052	0·057	0·055	0·047	0·038	0·026	0·018	0·002	0·014	0·014	0·019	0·038	0·042	0·062	0·074	0·078	0·083	0·086	0·042
11	0·092	0·099	0·102	0·093	0·091	0·113	0·111	0·123	0·127	0·127	0·109	0·103	0·094	0·085	0·063	0·050	0·032	0·029	0·031	0·036	0·031	0·025	0·018	0·012	0·075
12	0·001	0·001	0·005	0·002	0·009	0·016	0·025	0·031	0·041	0·041	0·036	0·036	0·027	0·025	0·017	0·010	0·005	0·006	0·010	0·019	0·013	0·012	0·004	9·995	0·016
13	9·977	9·967	9·949	9·938	9·926	9·926	9·925	9·918	9·898	9·882	9·864	9·840	9·819	9·792	9·770	9·753	9·727	9·715	9·720	9·736	9·741	9·703	9·689	9·674	9·827
14	9·664	9·659	9·658	9·659	9·676	9·709	9·733	9·728	9·728	9·740	9·748	9·755	9·766	9·756	9·760	9·759	9·760	9·776	9·796	9·804	9·809	9·813	9·828	9·842	9·747
15	9·853	9·868	9·884	9·907	9·918	9·932	9·960	9·973	9·991	0·003	0·004	0·022	0·023	0·047	0·041	0·055	0·050	0·060	0·058	0·063	0·074	0·080	0·081	0·081	0·001
16	0·083	0·085	0·086	0·075	0·063	0·061	0·063	0·055	0·052	0·049	0·027	0·037	0·023	0·031	0·004	9·986	9·955	9·943	9·923	9·910	9·905	9·892	9·872	9·860	0·002
17	9·852	9·845	9·837	9·830	9·816	9·819	9·822	9·825	9·822	9·821	9·813	9·800	9·797	9·793	9·786	9·769	9·765	9·759	9·754	9·746	9·731	9·725	9·703	9·689	9·788
18	9·665	9·657	9·653	9·673	9·666	9·661	9·659	9·660	9·664	9·661	9·665	9·667	9·677	9·682	9·678	9·689	9·695	9·702	9·715	9·724	9·718	9·727	9·736	9·746	9·685
19	9·751	9·757	9·751	9·755	9·763	9·778	9·786	9·797	9·815	9·836	9·840	9·852	9·866	9·869	9·369	9·873	9·876	9·881	9·893	9·898	9·897	9·901	9·900	9·897	9·838
20	9·884	9·863	9·857	9·847	9·845	9·838	9·832	9·835	9·835	9·831	9·821	9·812	9·805	9·801	9·791	9·791	9·806	9·818	9·828	9·833	9·832	9·834	9·840	9·835	9·830
21	9·837	9·836	9·825	9·825	9·815	9·836	9·855	9·860	9·861	9·881	9·890	9·917	9·920	9·929	9·933	9·934	9·945	9·969	9·975	9·981	9·983	9·993	0·015	0·009	9·909
22	0·028	0·055	0·044	0·037	0·039	0·054	0·066	0·081	0·080	0·088	0·090	0·098	0·098	0·092	0·081	0·075	0·075	0·084	0·092	0·114	0·119	0·131	0·133	**0·135**	0·083
23	0·128	0·123	0·124	0·120	0·124	0·127	0·130	0·133	0·128	0·123	0·114	0·103	0·099	0·090	0·082	0·079	0·078	0·071	0·071	0·070	0·061	0·061	0·051	0·035	0·097
24	0·010	0·001	9·990	9·961	9·939	9·919	9·903	9·901	9·887	9·879	9·865	9·873	9·872	9·881	9·874	9·869	9·890	9·904	9·912	9·943	9·959	9·979	9·982	9·990	9·924
25	9·999	0·005	0·013	0·011	0·003	0·006	0·016	0·017	0·027	0·011	9·993	9·957	9·923	9·894	9·844	9·809	9·756	9·736	9·681	9·607	9·598	9·504	9·474	9·429	9·846
26	9·465	9·458	9·431	9·422	9·382	9·356	9·319	9·293	9·275	9·251	9·235	9·231	9·225	9·239	9·237	9·256	9·254	9·257	9·263	9·261	9·265	9·277	9·298	9·329	9·304
27	9·338	9·364	9·390	9·448	9·442	9·466	9·509	9·566	9·598	9·640	9·656	9·689	9·697	9·728	9·741	9·757	9·776	9·793	9·807	9·830	9·839	9·840	9·829	9·821	9·649
28	9·806	9·784	9·749	9·726	9·693	9·670	9·678	9·674	9·666	9·680	9·673	9·667	9·660	9·624	9·623	9·599	9·569	9·551	9·544	9·555	9·615	9·630	9·617	9·611	9·653
29	9·603	9·598	9·579	9·566	9·554	9·555	9·544	9·542	9·546	9·540	9·516	9·513	9·515	9·521	9·517	9·526	9·539	9·555	9·568	9·554	9·559	9·563	9·567	9·555	9·550
30	9·547	9·529	9·511	9·498	9·494	9·476	9·453	9·430	9·389	9·378	9·340	9·355	9·360	9·340	9·343	9·377	9·382	9·384	9·398	9·394	9·378	9·390	9·388	9·392	9·414
MEAN.	9·780	9·779	9·773	9·772	9·768	9·773	9·777	9·781	9·782	9·783	9·778	9·779	9·776	9·775	9·771	9·773	9·772	9·779	9·784	9·793	9·798	9·800	9·800	9·800	9·781

BAROMETER. REDUCED TO 32° AND SEA LEVEL. FIRST FIGURE OMITTED. OCTOBER 1891.

	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	9·398	9·388	9·380	9·378	9·373	9·386	9·400	9·417	9·423	9·429	9·430	9·440	9·434	9·433	9·432	9·432	9·441	9·454	9·458	9·452	9·458	9·447	9·450	9·458	9·425
2	9·470	9·490	9·512	9·544	9·579	9·618	9·652	9·698	9·716	9·738	9·760	9·772	9·778	9·798	9·806	9·822	9·838	9·857	9·868	5·877	9·876	9·878	9·872	9·866	9·737
3	9·862	9·845	9·828	9·826	9·824	9·826	9·830	9·850	9·852	9·860	[9·874]	[9·877]	[9·884]	[9·894]	[9·905]	[9·910]	9·924	9·933	9·935	9·929	9·923	9·917	9·913	9·911	9·880
4	9·903	9·899	9·889	9·879	9·877	9·877	9·879	9·885	9·899	9·915	9·925	9·930	9·932	9·929	9·921	9·911	9·903	9·895	9·883	9·879	9·865	9·859	9·841	9·822	9·891
5	9·798	9·788	9·772	9·766	9·740	9·728	9·712	9·702	9·680	9·678	9·647	9·607	9·560	9·517	9·482	9·444	9·406	9·367	9·326	9·280	9·257	9·208	9·192	9·160	9·534
6	9·131	9·096	9·058	9·018	8·996	8·976	8·970	8·958	8·953	8·938	8·909	8·890	8·911	8·937	8·974	8·988	8·997	9·014	9·015	9·048	9·055	9·064	9·065	9·074	9·003
7	9·085	9·097	9·105	9·112	9·117	9·136	9·132	9·162	9·186	9·205	9·226	9·239	9·249	9·271	9·277	9·289	9·309	9·331	9·351	9·379	9·393	9·407	9·421	9·435	9·246
8	9·442	9·448	9·446	9·461	9·466	9·484	9·504	9·522	9·532	9·540	9·539	9·539	9·523	9·507	9·489	9·453	9·426	9·396	9·367	9·327	9·263	9·197	9·156	9·111	9·422
9	9·090	9·078	9·098	9·146	9·154	9·156	9·166	9·188	9·194	9·224	9·228	9·240	9·293	9·325	9·335	9·357	9·396	9·425	9·454	9·465	9·493	9·511	9·527	9·535	9·295
10	9·548	9·558	9·565	9·568	9·566	9·572	9·574	9·588	9·597	9·597	9·593	9·586	9·574	9·567	9·558	9·552	9·548	9·533	9·516	9·508	9·491	9·484	9·468	9·449	9·548
11	9·419	9·394	9·367	9·334	9·290	9·267	9·232	9·208	9·176	9·146	9·103	9·056	9·023	8·975	8·929	8·882	8·854	8·890	8·902	8·922	8·939	8·952	8·955	8·975	0·091
12	8·989	9·011	9·015	9·018	9·033	9·055	9·073	9·094	9·100	9·121	9·140	9·149	9·162	9·173	9·188	9·203	9·211	9·221	9·221	9·235	9·232	9·249	9·244	9·248	9·441
13	9·243	9·242	9·235	9·237	9·230	9·235	9·226	9·223	9·206	9·178	9·148	9·105	9·041	8·973	8·886	8·786	8·672	8·541	8·366	8·215	8·109	8·059	**7·989**	8·219	8·849
14	8·338	8·413	8·442	8·481	8·535	8·588	8·615	8·647	8·652	8·680	8·707	8·714	8·746	8·772	8·822	8·876	8·935	8·985	9·019	9·069	9·110	9·149	9·175	9·197	8·778
15	9·187	9·226	9·243	9·236	9·247	9·232	9·232	9·236	9·227	9·209	9·212	9·236	9·238	9·252	9·248	9·262	9·284	9·336	9·360	9·392	9·410	9·416	9·432	9·456	9·284
16	9·442	9·432	9·402	9·385	9·340	9·294	9·242	9·204	9·142	9·100	9·044	9·020	8·985	8·972	8·960	8·952	8·974	9·004	9·036	9·066	9·082	9·110	9·140	9·175	9·146
17	9·205	9·229	9·257	9·287	9·315	9·359	9·387	9·439	9·476	9·505	9·532	9·556	9·566	9·588	9·606	9·628	9·659	9·692	9·714	9·734	9·750	9·772	9·794	9·800	9·535
18	9·812	9·820	9·824	9·827	9·824	9·822	9·832	9·834	9·822	9·814	9·805	9·771	9·717	9·673	9·647	9·601	9·543	9·499	9·444	9·388	9·303	9·239	9·197	9·149	9·634
19	9·133	9·149	9·145	9·143	9·145	9·155	9·163	9·183	9·201	9·227	9·245	9·263	9·249	9·249	9·245	9·249	9·257	9·267	9·281	9·275	9·271	9·259	9·263	9·259	9·220
20	9·259	9·251	9·239	9·237	9·225	9·231	9·237	9·249	9·251	9·248	9·240	9·238	9·230	9·210	9·192	9·184	9·176	9·158	9·144	9·128	9·113	9·106	9·076	9·064	9·195
21	9·053	9·045	9·033	9·033	9·021	9·013	8·999	8·993	8·955	8·945	8·942	8·944	8·926	8·922	8·918	8·917	8·926	8·937	8·946	8·950	8·952	8·958	8·974	8·974	8·970
22	8·982	8·977	8·978	8·982	8·987	8·994	9·004	9·020	9·024	9·026	9·036	9·038	9·050	9·052	9·063	9·070	9·100	9·130	9·139	9·154	9·166	9·180	9·196	9·206	9·065
23	9·223	9·245	9·243	9·257	9·271	9·281	9·295	9·317	9·328	9·339	9·340	9·343	9·347	9·357	9·371	9·393	9·411	9·441	9·455	9·473	9·489	9·506	9·520	9·537	9·366
24	9·554	9·561	9·575	9·595	9·613	9·635	9·666	9·693	9·709	9·733	9·754	9·764	9·764	9·770	9·770	9·789	9·801	9·815	9·831	9·848	9·864	9·864	9·864	9·868	9·737
25	9·877	9·881	9·887	9·896	9·907	9·917	9·929	9·941	9·947	9·961	9·997	9·996	9·998	0·010	0·012	0·020	0·035	0·074	0·096	0·110	0·129	0·147	0·157	0·178	0·004
26	0·183	0·187	0·183	0·196	0·211	0·231	0·244	0·258	0·262	0·262	0·260	0·250	0·234	0·229	0·231	0·231	0·235	0·245	0·257	0·286	0·299	0·297	0·304	0·312	0·245
27	0·318	0·310	0·308	0·312	0·307	0·314	0·319	0·330	0·331	0·340	0·329	0·329	0·325	0·316	0·313	0·317	0·315	0·335	0·342	0·349	0·341	0·343	0·349	0·345	0·327
28	0·336	0·340	0·340	0·342	0·342	0·336	0·344	0·344	0·342	0·334	0·338	0·323	0·318	0·308	0·318	0·321	0·334	0·360	0·370	0·382	0·400	0·402	0·416	0·430	0·351
29	0·432	0·444	0·450	0·452	0·460	0·468	0·482	0·493	0·503	0·512	0·519	0·519	0·513	0·527	0·525	0·532	0·539	0·555	0·566	0·584	0·588	0·595	0·595	0·607	0·519
30	0·611	0·618	0·612	0·621	0·622	0·631	0·631	0·645	0·649	0·661	0·655	0·650	0·647	0·642	0·639	0·645	0·654	0·668	0·679	0·684	0·681	0·682	0·685	0·702	0·651
31	0·710	0·724	0·716	0·717	0·716	0·727	0·740	0·753	**0·762**	0·756	0·749	0·745	0·720	0·714	0·702	0·709	0·701	0·707	0·708	0·719	0·715	0·718	0·717	0·714	0·723
MEAN.	9·550	9·554	9·553	9·558	9·559	9·566	9·571	9·583	9·584	9·588	9·588	9·585	9·579	9·577	9·573	9·572	9·574	9·583	9·582	9·584	9·581	9·580	9·579	9·588	9·575

BAROMETER. Reduced to 32°. 4407 feet above Sea Level. First figure omitted. NOVEMBER 1891.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	6·055	6·051	6·047	6·046	6·042	6·042	6·041	6·050	6·062	6·070	**6·071**	6·065	6·057	6·056	6·052	6·056	6·064	6·067	6·068	6·062	6·055	6·049	6·054	6·053	6·056
2	6·047	6·038	6·026	6·020	6·007	6·006	6·003	6·009	6·004	5·983	5·993	5·990	5·980	5·970	5·971	5·969	5·965	5·972	5·966	5·964	5·967	5·966	5·953	5·946	5·988
3	5·936	5·930	5·919	5·918	5·917	5·907	5·913	5·913	5·913	5·906	5·912	5·911	5·902	5·894	5·889	5·886	5·891	5·891	5·888	5·887	5·889	5·891	5·886	5·885	5·903
4	5·883	5·881	5·878	5·878	5·878	5·886	5·909	5·916	5·917	5·939	5·952	5·956	5·957	5·960	5·961	5·969	5·975	5·976	5·987	5·993	6·000	6·001	6·011	6·015	5·945
5	6·010	6·004	6·001	5·991	5·988	5·995	5·992	5·989	5·988	5·982	5·974	5·965	5·961	5·946	5·932	5·927	5·926	5·921	5·919	5·915	5·910	5·894	5·892	5·890	5·955
6	5·873	5·858	5·849	5·834	5·826	5·817	5·816	5·815	5·808	5·795	5·784	5·775	5·767	5·750	5·729	5·722	5·722	5·715	5·722	5·718	5·707	5·705	5·700	5·702	5·771
7	5·707	5·703	5·702	5·690	5·689	5·692	5·693	5·693	5·693	5·690	5·681	5·667	5·657	5·640	5·618	5·604	5·592	5·567	5·550	5·531	5·510	5·485	5·467	5·452	5·624
8	5·434	5·412	5·377	5·322	5·273	5·247	5·227	5·186	5·181	5·169	5·129	5·090	5·053	5·011	4·992	4·963	4·934	4·918	4·899	4·880	4·851	4·836	4·829	4·810	5·084
9	4·793	4·768	4·741	4·733	4·739	4·729	4·727	4·734	4·743	4·739	4·734	4·727	4·715	4·711	4·695	4·687	4·689	4·690	4·686	4·678	4·672	4·660	4·661	4·654	4·713
10	4·650	4·629	4·643	4·652	4·676	4·676	4·704	4·726	4·741	4·743	4·749	4·750	4·751	4·735	4·727	4·718	4·718	4·717	4·713	4·708	4·693	4·665	4·645	4·607	4·697
11	4·567	4·515	4·484	4·428	4·406	4·372	4·326	4·278	4·220	4·220	4·212	4·176	4·146	4·113	4·099	4·091	4·088	**4·085**	4·096	4·117	4·137	4·161	4·194	4·213	4·239
12	4·243	4·277	4·324	4·350	4·406	4·423	4·492	4·537	4·569	4·589	4·611	4·628	4·649	4·663	4·683	4·685	4·692	4·709	4·711	4·716	4·713	4·717	4·709	4·705	4·575
13	4·685	4·668	4·641	4·661	4·644	4·627	4·646	4·637	4·601	4·586	4·581	4·572	4·586	4·586	4·597	4·580	4·566	4·572	4·544	4·536	4·569	4·585	4·597	4·614	4·603
14	4·615	4·621	4·624	4·627	4·633	4·636	4·641	4·658	4·679	4·706	4·720	4·721	4·735	4·743	4·755	4·772	4·781	4·795	4·816	4·823	4·831	4·835	4·840	4·850	4·727
15	4·860	4·866	4·875	4·883	4·895	4·910	4·917	4·934	4·945	4·960	4·969	4·975	4·982	4·987	4·990	4·985	5·012	5·017	5·032	5·049	5·045	5·045	5·031	5·024	4·966
16	5·027	5·022	5·027	5·030	5·034	5·048	5·053	5·062	5·073	5·075	5·075	5·071	5·055	5·063	5·055	5·061	5·053	5·057	5·062	5·059	5·059	5·054	5·047	5·043	5·053
17	5·036	5·021	5·003	4·984	5·006	5·017	5·030	5·038	5·047	5·059	5·067	5·069	5·073	5·078	5·088	5·106	5·113	5·121	5·136	5·153	5·175	5·192	5·202	5·196	5·084
18	5·207	5·210	5·209	5·209	5·204	5·183	5·144	5·121	5·119	5·113	5·082	5·007	4·957	4·891	4·915	4·876	4·898	4·924	4·966	4·958	4·969	4·991	4·993	5·004	5·048
19	5·007	5·012	5·004	4·991	4·977	4·965	4·967	4·949	4·949	4·953	4·929	4·921	4·932	4·926	4·961	4·952	4·968	4·974	4·989	5·016	5·024	5·035	5·047	5·055	4·979
20	5·066	5·085	5·093	5·101	5·111	5·121	5·131	5·137	5·143	5·150	5·160	5·165	5·168	5·182	5·189	5·213	5·221	5·229	5·241	5·255	5·265	5·263	5·270	5·270	5·176
21	5·268	5·269	5·270	5·271	5·273	5·277	5·277	5·277	5·279	5·291	5·294	5·287	5·287	5·290	5·276	5·286	5·284	5·290	5·289	5·303	5·293	5·305	5·313	5·317	5·286
22	5·302	5·298	5·294	5·290	5·284	5·284	5·284	5·285	5·286	5·285	5·279	5·277	5·264	5·257	5·249	5·240	5·229	5·223	5·216	5·213	5·210	5·200	5·189	5·182	5·255
23	5·170	5·171	5·169	5·164	5·162	5·163	5·166	5·169	5·177	5·183	5·187	5·187	5·186	5·184	5·176	5·182	5·183	5·187	5·203	5·205	5·211	5·216	5·219	5·213	5·185
24	5·215	5·211	5·217	5·214	5·210	5·211	5·217	5·225	5·225	5·223	5·215	5·198	5·184	5·165	5·153	5·145	5·138	5·121	5·106	5·083	5·067	5·036	5·016	4·999	5·158
25	4·965	4·955	4·937	4·911	4·902	4·883	4·858	4·888	4·904	4·908	4·911	4·907	4·906	4·908	4·910	4·919	4·932	4·931	4·944	4·950	4·946	4·944	4·938	4·933	4·920
26	4·924	4·912	4·905	4·906	4·898	4·902	4·903	4·900	4·898	4·896	4·893	4·888	4·891	4·899	4·903	4·919	4·932	4·950	4·977	4·991	5·008	5·025	5·044	5·053	4·934
27	5·070	5·081	5·093	5·104	5·110	5·120	5·135	5·149	5·156	5·164	5·181	5·178	5·177	5·167	5·168	5·169	5·170	5·168	5·169	5·167	5·158	5·146	5·128	5·109	5·143
28	5·072	5·053	5·040	5·027	4·980	4·946	4·923	4·885	4·827	4·766	4·696	4·655	4·628	4·592	4·619	4·643	4·628	4·684	4·674	4·701	4·692	4·688	4·676	4·680	4·782
29	4·650	4·638	4·660	4·672	4·705	4·752	4·820	4·847	4·872	4·885	4·920	4·924	4·936	4·955	4·969	4·987	5·007	5·019	5·032	5·038	5·036	5·041	5·028	5·032	4·893
30	5·028	5·014	5·001	4·990	4·979	4·959	4·976	4·966	4·949	4·965	4·975	4·971	4·977	4·983	5·000	5·005	5·015	5·030	5·038	5·029	5·006	5·016	5·020	5·004	4·996
Mean.	5·179	5·172	5·168	5·163	5·162	5·160	5·164	5·166	5·166	5·166	5·165	5·156	5·147	5·144	5·144	5·144	5·146	5·151	5·155	5·157	5·156	5·155	5·153	5·150	5·158

BAROMETER. Reduced to 32°. 4407 feet above Sea Level. First figure omitted. DECEMBER 1891.

	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	In .	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	4·971	4·943	4·959	4·925	4·907	4·883	4·850	4·868	4·818	4·817	4·800	4·764	4·750	4·708	4·711	4·668	4·675	4·696	4·714	4·727	4·734	4·738	4·752	4·763	4·798
2	4·761	4·765	4·758	4·756	4·755	4·756	4·764	4·766	4·764	4·768	4·769	4·773	4·813	4·785	4·801	4·817	4·832	4·832	4·834	4·834	4·839	4·827	4·815	4·766	4·790
3	4·754	4·668	4·592	4·530	4·503	4·483	4·493	4·502	4·482	4·491	4·458	4·461	4·469	4·469	4·474	4·574	4·658	4·700	4·735	4·757	4·801	4·816	4·866	4·901	4·610
4	4·934	4·960	4·969	4·990	5·006	5·028	5·046	5·052	5·050	5·050	5·071	5·088	5·112	5·148	5·175	5·177	5·176	5·173	5·175	5·179	5·141	5·093	5·058	5·042	5·079
5	5·050	5·054	5·053	5·069	5·076	5·086	5·088	5·107	5·101	5·106	5·110	5·104	5·099	5·092	5·100	5·095	5·092	5·080	5·079	5·076	5·065	5·061	5·036	5·027	5·079
6	5·022	5·008	5·022	5·034	5·042	5·054	5·077	5·093	5·113	5·128	5·151	5·160	5·168	5·180	5·205	5·226	5·229	5·237	5·244	5·253	5·259	5·259	5·246	5·236	5·152
7	5·215	5·194	5·169	5·145	5·112	5·092	5·076	5·047	5·035	5·020	5·003	4·988	4·988	4·989	5·004	5·031	5·048	5·057	5·067	5·090	5·103	5·127	5·130	5-117	5·077
8	5·106	5·086	5·063	5·066	5·061	5·063	5·074	5·098	5·116	5·134	5·142	5·136	5·127	5·109	5·078	5·046	5·015	4·987	4·962	4·931	4·895	4·856	4·795	4·776	5·030
9	4·745	4·725	4·707	4·672	4·663	4·664	4·667	4·663	4·649	4·636	4·623	4·620	4·593	4·572	4·533	4·491	4·401	4·323	4·235	4·228	4·231	4·194	4·171	4·143	4·506
10	4·119	4·094	4·056	**4·055**	4·093	4·100	4·121	4·178	4·196	4·214	4·238	4·249	4·253	4·258	4·255	4·240	4·219	4·210	4·191	4·209	4·222	4·235	4·335	4·383	4·197
11	4·411	4·459	4·480	4·521	4·564	4·600	4·626	4·672	4·713	4·765	4·813	4·839	4·874	4·900	4·917	4·944	4·974	5·009	5·039	5·062	5·106	5·127	5·157	5·181	4·823
12	5·188	5·207	5·217	5·242	5·246	5·251	5·245	5·245	5·231	5·217	5·207	5·181	5·123	5·072	5·012	4·948	4·878	4·831	4·789	4·759	4·722	4·682	4·651	4·623	5·032
13	4·614	4·604	4·590	4·568	4·560	4·553	4·548	4·540	4·543	4·543	4·543	4·543	4·551	4·566	4·574	4·596	4·612	4·636	4·662	4·692	4·710	4·723	4·750	4·778	4·608
14	4·823	4·872	4·918	4·963	4·990	5·007	5·027	5·055	5·078	5·102	5·116	5·127	5·143	5·161	5·180	5·198	5·198	5·209	5·222	5·228	5·242	5·250	5·253	5·260	5·109
15	5·270	5·277	5·268	5·255	5·255	5·238	5·234	5·225	5·217	5·193	5·167	5·120	5·074	5·029	4·975	4·937	4·885	4·868	4·875	4·892	4·874	4·862	4·872	4·864	5·072
16	4·872	4·871	4·860	4·827	4·869	4·935	5·034	5·108	5·204	5·277	5·346	5·406	5·444	5·464	5·486	5·516	5·534	5·558	5·586	5·590	5·603	5·614	5·633	5·647	5·304
17	5·648	5·657	5·658	5·655	5·646	5·648	5·650	5·653	5·664	5·661	5·662	5·648	5·647	5·653	5·644	5·658	5·659	5·653	5·656	5·672	5·678	5·685	5·681	5·686	5·659
18	5·684	5·681	5·690	5·691	5·687	5·687	5·690	5·698	5·702	5·712	5·710	5·693	5·685	5·684	5·680	5·672	5·661	5·633	5·658	5·665	5·677	5·655	5·669	5·646	5·680
19	5·650	5·652	5·657	5·659	5·672	5·667	5·671	5·673	5·684	5·678	5·690	5·690	5·684	5·688	5·656	5·648	5·648	5·665	5·674	5·661	5·653	5·652	5·647	5·648	5·665
20	5·667	5·681	5·686	5·665	5·677	5·690	5·692	5·698	5·743	5·758	5·767	5·772	5·782	5·804	5·801	5·806	5·810	5·814	5·813	5·821	5·825	5·846	5·842	5·828	5·762
21	5·829	5·832	5·837	5·840	5·837	5·836	5·846	5·848	5·863	5·876	5·884	5·884	5·881	5·877	5·876	5·880	5·889	5·892	5·898	**5·906**	5·902	5·901	5·898	5·885	5·871
22	5·880	5·887	5·883	5·873	5·869	5·862	5·850	5·844	5·845	5·843	5·835	5·821	5·807	5·795	5·789	5·766	5·757	5·733	5·729	5·743	5·737	5·729	5·722	5·711	5·805
23	5·710	5·706	5·700	5·693	5·681	5·673	5·670	5·675	5·677	5·677	5·677	5·664	5·665	5·647	5·642	5·640	5·635	5·627	5·629	5·626	5·623	5·614	5·606	5·589	5·656
24	5·578	5·556	5·551	5·538	5·524	5·523	5·515	5·511	5·514	5·518	5·512	5·492	5·489	5·478	5·472	5·471	5·464	5·461	5·451	5·449	5·442	5·437	5·426	5·409	5·490
25	5·392	5·377	5·357	5·339	5·307	5·290	5·272	5·261	5·242	5·231	5·213	5·189	5·168	5·145	5·145	5·132	5·087	5·102	5·065	5·091	5·090	5·077	5·053	5·035	5·194
26	5·017	4·990	4·958	4·954	4·913	4·893	4·884	4·855	4·845	4·845	4·809	4·781	4·781	4·751	4·745	4·756	4·737	4·746	4·754	4·757	4·761	4·764	4·767	4·759	4·826
27	4·771	4·800	4·819	4·831	4·838	4·846	4·853	4·862	4·862	4·865	4·868	4·880	4·876	4·881	4·858	4·856	4·842	4·857	4·879	4·893	4·895	4·903	4·904	4·892	4·860
28	4·897	4·899	4·908	4·912	4·911	4·930	4·940	4·953	4·971	4·986	4·991	4·988	4·977	4·952	4·917	4·903	4·840	4·789	4·732	4·678	4·636	4·608	4·581	4·580	4·853
29	4·595	9·596	4·635	4·592	4·597	4·616	4·615	4·625	4·629	4·646	4·654	4·662	4·657	4·639	4·676	4·684	4·683	4·686	4·705	4·723	4·726	4·741	4·756	4·761	4·662
30	4·754	4·779	4·783	4·764	4·782	4·780	4·771	4·771	4·783	4·772	4·763	4·749	4·729	4·714	4·691	4·688	4·686	4·682	4·677	4·676	4·672	4·658	4·648	4·637	4·725
31	4·629	4·633	4·627	4·626	4·612	4·620	4·622	4·631	4·652	4·678	4·684	4·691	4·694	1·700	4·714	4·730	4·735	4·768	4·810	4·862	4·891	4·916	4·949	4·972	4·727
Mean.	5·082	5·081	5·078	5·073	5·073	5·076	5·081	5·090	5·096	5·103	5·106	5·102	5·100	5·094	5·090	5·090	5·083	5·081	5·082	5·088	5·089	5·085	5·086	5·082	5·087

BAROMETER. REDUCED TO 32° AND SEA LEVEL. FIRST FIGURE OMITTED. NOVEMBER 1891.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	0·723	0·719	0·707	0·703	0·699	0·699	0·698	0·704	0·719	0·724	0·725	0·704	0·691	0·690	0·684	0·689	0·690	0·693	0·691	0·681	0·680	0·672	0·679	0·683	0·698
2	0·680	0·664	0·657	0·641	0·636	0·633	0·628	0·636	0·630	0·626	0·621	0·611	0·599	0·587	0·590	0·587	0·604	0·615	0·623	0·629	0·631	0·631	0·627	0·623	0·625
3	0·621	0·619	0·607	0·591	0·585	0·579	0·579	0·583	0·585	0·585	0·589	0·571	0·561	0·559	0·543	0·547	0·549	0·551	0·549	0·541	0·543	0·545	0·535	0·543	0·569
4	0·543	0·547	0·551	0·553	0·551	0·567	0·581	0·603	0·615	0·629	0·647	0·643	0·649	0·645	0·649	0·653	0·665	0·679	0·689	0·697	0·703	0·720	0·732	**0·739**	0·635
5	0·733	0·725	0·719	0·717	0·711	0·713	0·713	0·713	0·711	0·696	0·692	0·678	0·665	0·634	0·630	0·616	0·616	0·612	0·602	0·598	0·594	0·578	0·576	0·568	0·659
6	0·548	0·535	0·523	0·507	0·501	0·494	0·483	0·479	0·476	0·471	0·468	0·449	0·438	0·410	0·400	0·383	0·386	0·372	0·375	0·358	0·342	0·332	0·322	0·334	0·433
7	0·342	0·340	0·343	0·344	0·340	0·344	0·350	0·358	0·357	0·352	0·336	0·316	0·297	0·274	0·257	0·242	0·222	0·196	0·178	0·168	0·146	0·120	0·096	0·072	0·266
8	0·039	0·015	9·967	9·921	9·885	9·865	9·828	9·812	9·778	9·757	9·699	9·639	9·615	9·575	9·539	9·509	9·477	9·450	9·423	9·397	9·355	9·325	9·336	9·335	9·648
9	9·324	9·290	9·262	9·240	9·232	9·238	9·238	9·256	9·248	9·249	9·254	9·234	9·230	9·222	9·204	9·213	9·206	9·212	9·204	9·190	9·192	9·170	9·164	9·170	9·227
10	9·150	9·148	9·146	9·162	9·178	9·216	9·232	9·254	9·262	9·274	9·289	9·280	9·274	9·284	9·270	9·251	9·238	9·235	9·224	9·212	9·198	9·170	9·147	9·129	9·218
11	9·096	9·057	9·007	8·962	8·922	8·873	8·821	8·776	8·722	8·670	8·637	8·585	8·543	8·513	8·497	**8·491**	8·499	8·503	8·510	8·529	8·557	8·606	8·652	8·697	8·697
12	8·728	8·767	8·795	8·842	8·879	8·937	8·979	9·027	9·053	9·087	9·120	9·144	9·154	9·166	9·180	9·181	9·193	9·209	9·213	9·215	9·223	9·229	9·227	9·218	9·074
13	9·199	9·187	9·176	9·170	9·158	9·154	9·143	9·126	9·121	9·110	9·083	0·071	9·069	9·048	9·041	9·028	9·025	9·021	9·017	9·009	9·014	9·036	9·053	9·074	9·089
14	9·080	9·083	9·084	9·092	9·099	9·107	9·117	9·143	9·158	9·182	9·203	9·208	9·219	9·234	9·244	9·255	9·265	9·283	9·307	9·324	9·339	9·351	9·354	9·363	9·212
15	9·370	9·382	9·393	9·401	9·410	9·423	9·438	9·463	9·476	9·491	9·503	9·506	9·510	9·516	9·507	9·527	9·545	9·557	9·575	9·589	9·592	9·598	9·592	9·589	9·498
16	9·595	9·585	9·585	9·593	9·602	9·619	9·624	9·632	9·645	9·643	9·642	9·635	9·619	9·623	9·619	9·622	9·608	9·618	9·622	9·619	9·615	9·622	9·615	9·601	9·617
17	9·586	9·573	9·571	9·573	9·587	9·586	9·595	9·602	9·612	9·629	9·639	9·639	9·641	9·649	9·654	9·678	9·688	9·705	9·724	9·744	9·774	9·788	9·797	9·789	9·659
18	9·807	9·804	9·806	9·807	9·806	9·787	9·758	9·749	9·718	9·694	9·660	9·630	9·597	9·521	9·464	9·439	9·426	9·440	9·466	9·475	9·483	9·510	9·521	9·526	9·621
19	9·532	9·534	9·530	9·518	9·517	9·515	9·503	9·494	9·487	9·484	9·467	9·452	9·450	9·460	9·477	9·483	9·494	9·506	9·520	9·538	9·544	9·557	9·567	9·581	9·509
20	9·600	9·619	9·636	9·658	9·675	9·692	9·701	9·703	9·702	9·709	9·716	9·729	9·736	9·761	9·771	9·792	9·801	9·822	9·834	9·853	9·853	9·861	9·870	9·875	9·749
21	9·870	9·871	9·877	9·878	9·884	9·894	9·902	9·904	9·918	9·928	9·922	9·914	9·906	9·913	9·907	9·921	9·926	9·933	9·941	9·953	9·953	9·953	9·956	9·963	9·916
22	9·954	9·953	9·946	9·945	9·939	9·931	9·933	9·937	9·937	9·937	9·930	9·920	9·898	9·889	9·879	9·875	9·861	9·862	9·860	9·868	9·856	9·854	9·843	9·830	9·902
23	9·815	9·812	9·811	9·802	9·796	9·793	9·794	9·799	9·807	9·811	9·807	9·809	9·804	9·798	9·796	9·796	9·800	9·808	9·821	9·831	9·844	9·858	9·844	9·846	9·813
24	9·854	9·857	9·860	9·864	9·860	9·861	9·866	9·875	9·875	9·876	9·873	9·857	9·840	9·825	9·807	9·801	9·788	9·776	9·758	9·731	9·714	9·688	9·664	9·638	9·808
25	9·603	9·583	9·552	9·533	9·513	9·501	9·478	9·485	9·488	9·485	9·483	9·474	9·477	9·487	9·493	9·506	9·510	9·523	9·531	9·539	9·534	9·534	9·531	9·527	9·515
26	9·514	9·506	9·506	9·499	9·493	9·496	9·493	9·495	9·494	9·491	9·497	9·497	9·499	9·504	9·513	9·536	9·561	9·585	9·606	9·632	9·647	9·666	9·687	9·699	9·547
27	9·718	9·732	9·747	9·755	9·759	9·775	9·785	9·809	9·807	9·823	9·832	9·814	9·814	9·800	9·792	9·798	9·788	9·789	9·786	9·772	9·762	9·751	9·734	9·713	9·777
28	9·674	9·650	9·648	9·615	9·563	9·537	9·500	9·489	9·467	9·431	9·378	9·335	9·292	9·226	9·209	9·190	9·189	9·212	9·190	9·193	9·210	9·201	9·206	9·206	9·367
29	9·182	9·183	9·187	9·206	9·226	9·277	9·318	9·370	9·398	9·433	9·466	9·498	9·499	9·526	9·540	9·563	9·584	9·596	9·612	9·616	9·624	9·622	9·613	9·606	9·448
30	9·608	9·604	9·592	9·572	9·551	9·537	9·529	9·534	9·513	9·523	9·525	9·522	9·517	9·525	9·535	9·549	9·558	9·575	9·583	9·581	9·569	9·565	9·562	9·554	9·553
MEAN.	9·770	9·765	9·760	9·755	9·752	9·755	9·754	9·760	9·759	9·760	9·757	9·745	9·737	9·729	9·723	9·724	9·725	9·731	9·734	9·736	9·736	9·737	9·737	9·736	9·745

BAROMETER. REDUCED TO 32° AND SEA LEVEL. FIRST FIGURE OMITTED. DECEMBER 1891.

	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	9·528	9·510	9·492	9·453	9·413	9·392	9·372	9·365	9·329	9·324	9·304	9·273	9·234	9·197	9·177	9·158	9·143	9·155	9·177	9·189	9·193	9·208	9·229	9·242	9·294
2	9·242	9·253	9·253	9·258	9·263	9·273	9·278	9·281	9·270	9·271	9·284	9·282	9·287	9·299	9·310	9·334	9·342	9·338	9·343	9·335	9·348	9·340	9·326	9·305	9·292
3	9·256	9·220	9·165	9·088	9·006	8·954	8·914	8·891	8·894	8·902	8·897	8·919	8·917	8·923	8·929	9·009	9·091	9·143	9·193	9·233	9·273	9·304	9·351	9·384	9·077
4	9·419	9·462	9·487	9·515	9·533	9·547	9·566	9·581	9·571	9·612	9·641	9·644	9·653	9·685	9·707	9·715	9·725	9·730	9·727	9·707	9·679	9·631	9·595	9·603	9·614
5	9·579	9·574	9·565	9·572	9·585	9·613	9·611	9·635	9·638	9·633	9·633	9·639	9·629	9·630	9·627	9·631	9·626	9·619	9·621	9·603	9·607	9·601	9·590	9·573	9·611
6	9·573	9·584	9·592	9·601	9·608	9·647	9·667	9·692	9·721	9·748	9·757	9·733	9·785	9·789	9·807	9·829	9·841	9·861	9·860	9·861	9·863	9·866	9·852	9·837	9·751
7	9·819	9·793	9·770	9·747	9·710	9·692	9·664	9·636	9·617	9·605	9·581	9·569	9·564	9·585	9·598	9·633	9·663	9·682	9·693	9·709	9·729	9·745	9·739	9·733	9·678
8	9·710	9·701	9·673	9·643	9·629	9·623	9·648	9·673	9·705	9·729	9·737	9·726	9·717	9·693	9·671	9·636	9·598	9·558	9·511	9·462	9·418	9·370	9·315	9·270	9·601
9	9·228	9·192	9·179	9·152	9·131	9·133	9·140	9·133	9·125	9·117	9·113	9·078	9·058	9·027	8·979	8·960	8·842	8·803	8·685	8·616	8·585	8·590	8·565	8·535	8·958
10	8·487	8·458	**8·430**	8·453	8·482	8·537	8·569	8·611	8·633	8·667	8·700	8·704	8·701	8·704	8·692	8·683	8·672	8·671	8·677	8·710	8·736	8·796	8·862	8·925	8·648
11	8·964	9·023	9·062	9·096	9·136	9·198	9·213	9·262	9·327	9·377	9·432	9·455	9·479	9·518	9·548	9·604	9·637	9·690	9·713	9·741	9·761	9·794	9·819	9·853	9·446
12	9·861	9·875	9·879	9·891	9·883	9·884	9·881	9·878	9·860	9·853	9·837	9·810	9·748	9·694	9·632	9·596	9·496	9·424	9·361	9·317	9·274	9·236	9·192	9·172	9·647
13	9·144	9·126	9·109	9·084	9·071	9·054	9·039	9·031	9·029	9·031	9·026	9·030	9·040	9·053	9·061	9·092	9·111	9·147	9·178	9·205	9·231	9·265	9·291	9·337	9·116
14	9·386	9·449	9·497	9·548	9·583	9·613	9·629	9·661	9·683	9·719	9·735	9·751	9·765	9·794	9·805	9·819	9·821	9·843	9·852	9·859	9·876	9·885	9·892	9·901	9·724
15	9·916	9·931	9·913	9·907	9·905	9·879	9·880	9·877	9·855	9·831	9·801	9·728	9·656	9·591	9·521	9·469	9·426	9·410	9·395	9·381	9·349	9·357	9·363	9·376	9·655
16	9·383	9·376	9·366	9·316	9·362	9·500	9·622	9·720	9·831	9·908	9·980	0·038	0·084	0·099	0·124	0·154	0·170	0·216	0·247	0·256	0·268	0·291	0·311	0·321	9·914
17	0·324	0·326	0·327	0·319	0·317	0·322	0·323	0·340	0·341	0·353	0·358	0·347	0·346	0·325	0·310	0·318	0·311	0·314	0·325	0·337	0·340	0·339	0·332	0·328	0·330
18	0·329	0·319	0·329	0·323	0·327	0·332	0·331	0·339	0·330	0·341	0·336	0·330	0·313	0·317	0·309	0·312	0·281	0·266	0·290	0·304	0·303	0·296	0·297	0·287	0·314
19	0·274	0·293	0·296	0·301	0·315	0·328	0·331	0·343	0·352	0·358	0·364	0·364	0·360	0·366	0·352	0·344	0·353	0·361	0·365	0·366	0·350	0·347	0·336	0·340	0·340
20	0·345	0·360	0·367	0·367	0·364	0·381	0·393	0·413	0·436	0·454	0·458	0·467	0·473	0·485	0·489	0·502	0·505	0·519	0·534	0·547	0·545	0·551	0·544	0·537	0·460
21	0·535	0·547	0·543	0·546	0·536	0·542	0·542	0·557	0·565	0·570	0·564	0·550	0·544	0·540	0·536	0·546	0·558	0·566	0·570	**0·576**	**0·576**	0·574	0·570	0·570	0·555
22	0·563	0·564	0·560	0·560	0·540	0·538	0·540	0·546	0·538	0·548	0·531	0·517	0·488	0·473	0·454	0·461	0·449	0·443	0·434	0·442	0·433	0·429	0·439	0·426	0·497
23	0·409	0·405	0·396	0·377	0·360	0·352	0·349	0·349	0·352	0·357	0·346	0·332	0·318	0·310	0·300	0·280	0·283	0·284	0·279	0·280	0·273	0·259	0·244	0·234	0·322
24	0·221	0·207	0·199	0·190	0·183	0·178	0·169	0·173	0·169	0·176	0·163	0·137	0·127	0·121	0·107	0·103	0·105	0·097	0·085	0·079	0·071	0·064	0·049	0·041	0·134
25	0·023	0·013	0·002	9·989	9·969	9·943	9·933	9·922	9·911	9·901	9·876	9·845	9·819	9·788	9·770	9·736	9·715	9·714	9·684	9·684	9·673	9·659	9·638	9·620	9·826
26	9·597	9·569	9·537	9·513	9·483	9·459	9·430	9·408	9·393	9·375	9·336	9·294	9·265	9·246	9·228	9·224	9·210	9·226	9·238	9·230	9·256	9·257	9·264	9·256	9·346
27	9·302	9·334	9·355	9·368	9·393	9·410	9·426	9·434	9·450	9·464	9·479	9·479	9·471	9·460	9·452	9·456	9·452	9·456	9·456	9·458	9·466	9·478	9·476	9·482	9·436
28	9·480	9·495	9·489	9·500	9·509	9·532	9·542	9·561	9·572	9·598	9·602	9·596	9·590	9·554	9·504	9·476	9·431	9·382	9·328	9·248	9·159	9·090	9·042	9·013	9·429
29	9·041	9·061	9·079	9·083	9·097	9·107	9·123	9·141	9·161	9·180	9·185	9·189	9·189	9·190	9·212	9·219	9·238	9·251	9·264	9·279	9·275	9·297	9·311	9·329	9·188
30	9·323	9·335	9·345	9·337	9·341	9·335	9·315	9·325	9·331	9·320	9·307	9·283	9·263	9·245	9·223	9·211	9·207	9·202	9·203	9·202	9·189	9·179	9·166	9·158	9·264
31	9·147	9·167	9·154	9·153	9·157	9·168	9·161	9·172	9·199	9·205	9·221	9·221	9·219	9·223	9·226	9·269	9·291	9·331	9·376	9·419	9·464	9·499	9·537	9·581	9·273
MEAN.	9·658	9·662	9·658	9·653	9·651	9·660	9·665	9·676	9·683	9·694	9·696	9·690	9·681	9·675	9·666	9·670	9·665	9·668	9·667	9·666	9·663	9·665	9·662	9·664	9·669

TEMPERATURE. DRY AND WET BULBS. JANUARY 1891.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	20·0	19·9	20·1	20·1	20·2	20·2	20·1	20·1	20·4	20·4	20·6	20·6	20·9	20·9	21·1	21·1	22·0	22·0	22·7	22·7	23·1	23·1	24·3	24·4	31·1	20·0
2	30·0	30·0	30·2	30·1	30·0	30·0	30·1	30·1	29·8	29·8	29·7	29·7	29·5	29·5	29·0	29·0	29·1	29·1	29·4	29·4	29·7	29·7	29·8	29·8	30·2	23·8
3	27·8	23·1	26·8	23·2	25·2	24·4	27·1	24·1	26·2	24·2	26·4	23·7	25·1	24·1	25·8	24·4	24·9	24·8	25·1	25·1	25·9	25·9	26·7	26·7	27·8	24·9
4	25·0	25·0	22·8	22·9	24·1	22·4	24·0	24·0	24·7	24·7	24·5	24·5	22·6	22·6	21·6	21·5	21·2	21·2	20·0	20·0	18·5	18·5	16·8	16·8	25·0	13·8
5	14·5	14·5	14·9	14·9	14·5	14·5	14·4	14·4	15·5	15·5	15·3	15·3	15·5	15·5	15·8	15·8	15·8	15·8	15·9	15·9	15·7	15·7	16·1	16·1	16·4	14·4
6	14·6	14·8	15·1	15·1	15·0	15·0	15·2	15·2	15·2	15·2	15·0	14·9	15·0	14·9	15·2	15·2	15·3	15·3	15·6	15·6	16·1	16·1	16·4	16·4	18·1	14·6
7	18·1	18·1	17·2	17·2	17·0	17·0	18·2	18·2	19·8	19·8	20·2	20·0	19·7	19·8	19·3	19·2	19·1	19·1	19·2	19·0	18·2	18·3	17·5	17·5	20·2	13·6
8	16·0	16·0	17·0	17·0	16·9	16·9	17·3	17·3	16·9	17·0	16·0	16·1	17·8	18·0	18·4	18·6	20·0	20·0	21·1	21·0	20·8	20·8	21·1	21·0	21·5	16·0
9	21·5	21·5	22·3	22·3	24·1	21·2	23·2	22·9	23·0	22·6	23·2	22·7	22·3	22·2	23·2	23·3	22·8	23·0	23·1	23·2	23·8	23·5	25·5	25·0	26·5	21·5
10	22·9	22·9	23·3	23·3	23·2	23·2	23·1	23·1	22·9	23·0	23·2	23·2	23·1	23·1	22·9	23·0	22·8	22·9	22·6	22·7	22·4	22·4	22·4	22·5	27·1	22·0
11	28·2	28·2	28·8	28·8	28·2	28·2	28·4	28·4	28·8	28·7	28·5	28·5	28·3	28·3	28·5	28·5	29·2	29·2	29·6	29·6	30·4	30·4	30·3	30·3	35·9	28·2
12	37·0	37·0	37·0	37·0	36·8	36·8	34·7	34·8	34·2	34·2	33·7	33·7	34·4	34·4	38·1	38·1	36·5	36·5	35·2	35·2	34·6	34·6	34·8	34·8	**38·1**	30·0
13	29·8	29·8	28·9	28·9	28·2	28·2	28·4	28·4	28·3	28·3	28·5	28·5	28·7	28·7	29·0	29·0	29·0	29·0	29·5	29·5	31·2	31·2	32·0	32·0	33·2	22·1
14	21·2	21·2	21·1	21·1	21·3	21·4	20·2	20·2	21·3	21·3	20·1	20·3	18·6	18·8	17·8	17·9	17·1	17·0	17·3	17·4	16·8	17·0	16·5	16·7	21·3	14·4
15	16·5	16·5	17·6	17·6	18·2	18·2	18·7	18·7	19·4	19·3	20·3	20·3	22·3	22·3	23·4	23·2	24·3	24·3	25·0	25·0	26·0	25·9	26·3	26·3	27·2	16·5
16	24·9	24·9	24·9	24·9	24·9	24·9	24·2	24·2	23·7	23·7	23·6	23·7	24·0	24·0	24·0	24·0	24·2	24·2	24·1	24·1	23·6	23·6	22·4	22·6	24·9	20·1
17	18·8	18·9	18·0	18·1	17·5	17·7	21·5	18·9	16·6	17·0	18·9	18·0	17·2	16·7	17·8	16·5	18·8	16·5	23·9	19·4	15·3	16·1	15·8	16·3	23·6	15·0
18	15·6	15·7	15·2	15·2	15·1	15·1	14·9	14·9	14·3	14·3	14·5	14·6	16·3	16·3	16·7	16·8	16·0	16·0	17·0	17·1	16·0	16·1	15·4	15·6	22·7	14·3
19	22·0	22·0	21·2	21·2	21·2	21·2	21·1	21·2	22·0	22·0	23·0	23·0	22·2	22·3	23·0	23·0	22·5	22·5	23·2	23·1	23·3	23·3	22·8	22·8	27·2	21·1
20	27·3	27·3	27·8	27·8	27·8	27·8	27·9	27·9	28·2	28·2	28·4	28·4	28·2	28·2	29·1	29·1	29·2	29·2	25·0	25·4	21·7	21·9	20·1	20·2	29·2	14·0
21	14·2	14·2	14·3	14·5	15·0	15·0	13·9	13·9	12·2	12·3	11·7	12·0	12·2	12·3	11·7	12·0	11·9	12·0	11·5	11·8	13·1	13·3	13·0	13·1	18·3	**11·5**
22	18·0	18·0	17·3	17·3	18·4	18·3	17·1	17·1	16·3	16·4	16·3	16·4	16·5	16·6	15·8	15·9	16·2	16·3	16·2	16·2	17·4	17·4	17·2	17·1	18·4	14·0
23	17·0	17·0	17·3	17·3	17·9	18·0	19·4	19·4	21·1	21·1	27·8	27·3	30·7	30·7	32·0	32·0	32·0	32·0	31·2	31·3	30·3	30·3	28·3	28·3	32·0	17·0
24	24·4	24·4	25·1	25·1	25·1	25·1	25·1	25·1	25·2	25·2	25·1	25·1	24·1	24·1	22·8	23·0	22·8	22·9	22·4	22·4	23·0	23·1	22·3	22·3	25·2	20·3
25	21·8	21·8	21·8	21·9	22·1	22·1	21·2	21·3	22·0	22·0	21·5	21·6	22·1	22·1	22·2	22·2	22·8	22·9	23·8	23·8	24·8	24·9	25·8	25·8	31·3	21·2
26	30·0	30·0	29·9	29·9	29·8	29·8	29·8	29·8	29·8	29·8	28·8	28·8	28·2	28·2	28·1	28·1	28·2	28·2	28·8	28·8	29·7	29·8	30·3	30·3	32·0	28·1
27	29·1	29·1	27·3	27·5	27·2	27·2	26·1	26·1	26·1	26·1	25·6	25·6	25·1	25·1	25·0	25·1	25·0	25·1	24·8	24·9	25·2	25·3	25·4	25·4	29·1	24·8
28	25·8	25·8	26·2	26·2	27·0	27·0	27·3	27·3	27·1	27·1	28·9	28·9	31·0	31·0	31·4	31·4	32·0	32·0	32·0	32·0	32·0	32·0	32·0	32·0	32·0	25·8
29	27·6	27·6	28·0	28·0	27·7	27·7	27·2	27·2	27·2	27·2	28·7	27·4	27·3	27·3	27·9	28·0	27·9	27·9	28·0	28·1	28·9	28·9	28·9	28·9	28·9	26·1
30	26·2	26·2	25·2	25·2	26·0	26·0	26·0	26·0	25·6	25·6	25·6	25·7	25·9	25·9	25·5	25·5	25·2	25·2	26·1	26·2	26·0	26·2	25·5	25·8	26·7	24·0
31	27·4	27·4	26·5	26·8	26·6	26·6	26·5	26·5	25·5	25·7	25·2	25·2	25·2	25·2	25·6	25·6	24·8	25·0	24·6	24·7	25·1	25·2	26·9	27·0	28·1	24·0
MEAN.	23·0	22·9	22·9	22·8	23·0	22·8	23·0	22·8	22·9	22·8	23·2	23·0	23·2	23·2	23·5	23·4	23·5	23·5	23·7	23·6	23·5	23·6	23·5	23·5	26·7	19·9

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	26·9	26·9	28·8	28·8	29·8	29·8	29·1	29·1	30·2	30·2	29·6	29·6	29·7	29·7	30·0	30·0	31·1	31·1	31·0	31·0	30·9	30·9	31·0	31·0	25·6	25·6
2	29·0	29·0	28·9	28·9	28·1	28·1	27·0	27·0	26·4	26·4	23·8	23·8	25·3	24·4	29·0	24·0	28·8	23·2	29·0	23·8	27·7	24·1	28·2	24·0	28·6	27·6
3	26·2	26·2	26·8	26·8	26·4	26·5	26·2	26·2	26·1	26·1	25·8	25·8	25·7	25·7	25·6	25·6	25·2	25·2	25·2	25·2	25·2	25·2	25·0	25·0	25·9	25·1
4	15·3	15·3	15·0	15·0	14·9	14·9	14·6	14·6	13·8	13·7	13·9	13·9	14·0	14·0	14·1	14·1	14·1	14·1	14·2	14·2	14·1	14·1	14·2	14·2	18·2	18·2
5	15·4	15·4	15·9	16·2	16·1	16·2	16·4	16·5	16·2	16·2	16·3	16·3	16·0	16·0	15·5	15·8	16·0	16·0	15·3	15·3	15·0	15·0	15·0	15·0	15·5	15·6
6	16·4	16·6	16·8	16·8	16·5	16·7	16·7	16·8	16·9	16·9	17·2	17·2	17·8	17·8	18·1	18·1	17·9	17·9	17·2	17·2	17·2	17·3	17·9	17·9	16·3	16·3
7	17·2	17·2	14·9	14·9	14·6	14·1	14·1	12·5	13·6	12·2	14·3	12·6	13·8	13·1	14·3	14·3	17·2	17·1	15·1	15·1	15·9	15·9	16·0	16·0	16·9	16·6
8	21·2	21·2	21·4	21·3	21·5	21·5	21·4	21·4	21·2	21·2	21·3	21·3	21·2	21·2	20·5	20·6	21·1	21·1	21·0	21·2	21·1	21·1	21·3	21·3	19·7	19·8
9	26·5	25·0	26·0	24·2	25·1	23·2	23·1	23·2	22·3	22·5	23·1	23·0	23·0	23·0	23·0	23·0	22·4	22·5	22·2	22·2	22·1	22·2	22·2	22·2	23·2	22·9
10	22·4	22·6	22·0	22·0	22·1	21·6	24·3	22·1	22·3	22·0	22·4	22·2	22·6	22·2	23·3	23·3	25·4	25·4	27·0	27·0	27·1	27·1	27·1	27·1	23·4	23·3
11	30·8	30·8	31·2	31·2	31·2	31·2	31·7	31·7	32·0	32·0	32·0	32·0	32·0	32·0	33·0	33·0	33·2	33·2	34·9	34·9	35·0	35·0	35·9	35·9	30·8	30·8
12	35·0	35·0	34·3	34·3	35·0	35·0	36·7	36·7	35·7	35·7	35·9	35·9	34·2	34·2	34·9	34·9	35·1	35·1	36·2	36·2	32·0	31·9	30·0	30·0	35·1	35·1
13	32·2	32·1	33·2	33·2	31·0	31·2	28·0	28·0	26·2	26·2	25·4	25·4	24·0	24·1	22·9	22·3	22·1	21·9	22·1	22·0	22·5	22·5	22·1	22·1	27·6	27·6
14	16·9	17·1	16·4	16·8	16·1	16·3	15·0	15·0	15·1	15·2	15·1	14·9	14·4	14·4	15·0	15·0	14·9	14·9	15·1	15·1	15·8	15·8	16·2	16·2	17·3	17·4
15	27·1	26·8	27·2	27·2	27·2	27·2	26·9	26·9	25·7	25·7	24·8	24·8	24·5	24·5	24·6	24·6	24·4	24·5	24·9	24·9	24·9	24·9	24·7	24·7	23·5	23·5
16	21·5	21·6	21·3	21·3	21·8	21·8	22·0	22·0	22·5	22·5	22·3	22·3	22·1	22·1	22·1	22·1	22·5	22·5	21·2	21·2	20·8	20·8	20·1	20·1	22·9	22·9
17	21·4	19·2	15·3	15·9	15·4	15·8	15·3	15·7	15·3	15·3	15·2	15·2	15·0	15·0	15·2	15·2	15·4	15·4	15·3	15·3	15·7	15·9	15·9	15·9	17·1	16·7
18	15·7	15·9	15·9	15·9	15·6	15·6	15·6	15·8	15·2	15·3	16·2	16·3	17·3	17·3	20·1	20·1	20·9	20·7	22·7	22·7	22·0	22·0	21·9	21·9	16·9	17·0
19	22·7	22·7	23·3	23·3	23·1	23·0	23·4	23·3	24·1	24·1	25·0	24·9	25·6	25·5	26·1	26·1	26·0	26·0	27·0	27·0	27·0	27·0	27·2	27·2	23·7	23·7
20	18·2	18·6	18·1	18·5	18·0	18·1	17·0	17·0	16·4	16·8	15·8	15·8	15·8	15·9	15·1	15·1	14·0	14·0	14·8	14·9	15·4	15·4	14·1	14·1	21·4	21·5
21	13·6	13·8	14·8	15·0	14·8	14·8	15·4	15·4	16·2	16·2	16·0	15·9	16·1	16·1	17·5	17·5	18·3	18·3	18·0	18·0	17·8	17·9	18·2	18·2	14·6	14·7
22	17·4	17·4	16·4	16·5	16·2	16·3	15·2	15·4	14·0	13·6	17·2	14·0	16·8	13·3	15·9	14·2	16·0	14·1	16·9	15·6	16·1	15·9	16·3	16·3	16·5	16·2
23	28·7	28·5	28·2	28·2	28·2	28·2	27·9	27·9	26·2	26·3	25·7	25·7	24·9	24·9	24·1	24·1	23·9	23·9	23·9	23·9	24·0	24·0	24·2	24·2	25·6	25·6
24	22·3	22·3	22·2	22·2	21·9	21·9	21·3	21·4	20·3	20·9	20·9	21·0	21·2	21·2	20·9	20·9	20·8	20·8	21·2	21·1	21·1	21·1	21·4	21·4	22·6	22·7
25	26·5	26·5	27·7	27·7	27·5	27·5	28·0	28·0	29·1	29·1	29·8	29·6	31·0	31·0	31·3	31·3	31·3	31·3	31·0	31·1	30·9	30·9	30·2	30·2	26·1	26·1
26	30·3	30·3	30·3	30·3	30·9	30·9	31·0	31·0	31·7	31·7	31·9	31·9	31·3	31·3	32·0	32·0	31·7	31·7	31·2	31·2	30·3	30·3	29·8	29·8	30·2	30·2
27	25·8	25·8	26·3	26·4	25·8	25·9	26·4	26·3	26·1	26·1	25·9	26·0	26·1	26·1	26·2	26·2	25·9	25·9	25·8	25·8	26·1	26·1	26·0	26·0	26·0	26·0
28	32·0	32·0	31·7	32·0	30·4	30·4	29·9	29·9	29·3	29·3	29·2	29·2	28·9	28·9	29·2	29·2	28·7	28·7	28·8	28·8	27·8	27·8	27·7	27·7	29·4	29·4
29	28·8	28·8	28·0	28·0	27·1	27·1	27·0	27·0	27·0	27·0	27·2	27·2	27·1	27·1	27·1	27·1	26·8	26·8	26·8	26·8	26·6	26·6	26·1	26·1	27·5	27·5
30	25·6	25·8	25·4	25·6	24·9	25·0	25·1	25·0	24·3	24·3	24·5	24·5	24·0	24·1	25·2	25·2	26·0	26·0	26·3	26·3	26·4	26·4	26·7	26·7	25·5	25·6
31	28·1	28·1	27·0	27·0	26·0	26·0	26·0	26·0	26·0	26·0	26·0	26·0	25·5	25·5	25·0	25·0	25·0	25·0	24·0	24·0	24·2	24·2	24·2	24·2	25·7	25·7
MEAN.	23·8	23·7	23·6	23·6	23·3	23·3	23·2	23·1	22·8	22·8	22·9	22·7	22·8	22·6	23·1	22·9	23·3	23·0	23·4	23·2	23·2	23·1	23·1	23·0	23·2	23·1

TEMPERATURE. DRY AND WET BULBS. JANUARY 1891.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	39·5	35·2	39·5	35·3	39·1	35·3	39·0	35·2	39·9	35·4	40·1	35·9	39·9	36·1	39·8	35·9	40·9	37·0	42·0	37·9	42·2	38·7	41·8	38·2	43·9	39·0
2	40·7	38·9	40·2	38·7	41·1	39·6	41·4	40·2	41·8	41·2	41·1	40·6	41·1	40·5	41·7	40·7	41·3	40·7	41·9	40·7	41·8	40·9	42·0	40·9	42·0	36·0
3	37·1	36·2	36·1	35·6	36·3	35·9	35·9	35·0	36·2	35·6	35·5	35·0	35·9	35·1	36·6	35·7	36·8	35·9	37·3	36·1	38·0	36·9	39·2	38·7	42·2	35·5
4	38·0	37·4	38·2	37·2	37·9	36·0	37·4	35·8	36·9	35·8	37·9	36·7	38·5	37·0	39·2	36·2	38·5	36·9	37·2	35·0	36·9	34·2	36·9	33·7	39·6	33·0
5	32·9	30·3	33·9	30·3	32·1	29·9	32·6	30·3	33·0	30·2	33·2	30·8	34·1	31·6	34·0	31·8	34·4	32·2	35·2	32·2	35·7	32·2	34·4	32·0	36·2	29·9
6	29·0	27·6	[28·5]	[27·3]	26·8	25·6	26·3	25·1	25·0	24·0	26·8	25·4	27·0	25·7	27·6	26·7	28·2	26·9	28·0	26·8	30·0	28·9	31·4	29·8	32·2	**24·6**
7	31·3	30·1	31·9	30·3	31·5	30·4	31·9	30·9	31·4	30·9	31·2	30·9	32·9	32·2	34·3	33·3	35·4	34·0	36·0	34·5	36·0	33·7	36·7	33·6	37·0	30·9
8	35·9	33·9	36·0	35·1	35·9	35·2	35·9	35·3	35·6	35·2	36·2	35·9	34·3	33·0	36·1	33·1	37·8	34·0	38·2	34·7	39·0	35·7	38·5	35·9	39·8	34·2
9	33·5	31·9	32·5	30·8	32·9	31·7	32·9	31·3	31·9	30·2	31·9	30·2	32·1	30·6	30·9	29·5	30·0	28·6	30·0	28·8	30·8	29·4	31·0	29·5	36·0	29·0
10	35·7	34·3	35·4	34·3	36·7	35·1	36·1	35·0	37·0	35·3	37·3	36·0	37·9	36·2	38·3	36·9	38·9	36·9	40·1	37·0	41·2	37·9	40·9	38·0	42·6	34·7
11	41·9	39·7	41·6	40·0	41·1	40·0	42·1	40·6	41·6	40·6	42·0	40·9	41·9	41·2	42·5	41·5	43·1	41·9	43·3	42·0	43·9	42·7	44·2	43·0	47·1	41·0
12	47·2	47·0	48·3	47·8	49·7	48·3	49·0	48·0	48·1	47·3	47·2	47·0	46·4	46·2	46·0	46·0	46·0	45·9	46·0	45·8	46·2	45·9	46·7	46·2	**50·0**	45·9
13	46·1	44·3	45·9	43·5	45·5	43·0	45·7	43·0	45·9	43·1	45·3	43·1	45·5	43·2	45·9	43·2	46·4	43·3	47·0	43·3	46·1	44·0	46·1	45·5	49·6	42·9
14	43·0	37·3	43·1	37·1	41·7	36·9	42·0	36·0	41·7	36·7	42·5	36·0	42·1	35·4	41·0	34·3	40·0	33·8	39·6	34·0	37·9	33·5	39·0	33·9	43·6	33·0
15	35·8	32·5	36·9	32·6	38·0	33·9	38·2	34·3	37·7	33·8	39·3	36·0	39·0	37·3	39·4	37·9	40·7	38·9	41·2	39·4	42·3	40·6	43·0	41·1	44·3	35·5
16	40·9	38·2	40·4	38·0	40·1	37·4	39·2	37·3	39·3	37·2	39·5	37·2	39·0	37·2	38·0	36·9	37·5	36·8	37·1	36·3	37·2	36·9	38·7	37·1	42·0	35·8
17	36·3	34·2	36·0	33·7	35·8	33·9	35·1	33·0	34·9	32·7	34·0	31·7	32·9	31·0	33·9	31·5	34·1	31·7	33·2	31·3	35·0	32·2	35·9	32·4	37·9	32·9
18	35·6	31·9	35·4	31·7	34·7	30·2	34·3	30·1	34·4	30·2	34·8	31·3	35·3	32·4	36·0	33·0	36·5	32·7	36·0	31·5	35·9	32·2	35·8	32·2	36·7	34·0
19	34·7	32·7	35·0	32·9	35·0	34·1	34·5	34·0	35·0	34·5	36·1	35·6	36·9	36·1	37·6	36·8	37·1	36·5	37·8	37·1	38·9	38·1	39·5	38·7	43·3	34·4
20	43·6	42·0	43·8	42·1	43·6	42·3	43·9	42·1	43·9	42·5	44·0	42·4	44·0	42·3	44·5	42·9	45·1	43·0	42·0	39·4	38·5	36·9	37·9	35·9	46·0	31·0
21	31·9	29·3	30·9	30·0	31·2	30·2	31·4	30·6	30·3	29·2	29·4	27·9	29·5	28·6	27·8	27·0	26·9	25·7	26·0	24·9	25·8	24·0	26·8	25·3	35·8	25·6
22	35·0	33·3	36·3	33·9	35·0	33·9	34·0	33·0	34·1	32·3	36·3	32·6	35·8	33·3	35·4	32·6	36·4	32·9	36·6	32·6	37·0	33·7	37·0	34·0	37·8	26·0
23	29·4	27·7	35·0	31·9	36·2	32·7	36·5	34·2	36·2	35·0	36·1	35·5	38·2	37·8	41·4	40·9	42·8	41·9	43·0	42·4	44·4	43·4	44·1	41·6	45·9	28·3
24	40·9	38·7	40·1	38·2	40·5	38·9	40·9	39·4	40·7	39·9	40·3	39·2	37·9	36·7	34·1	33·7	34·3	34·0	35·1	34·7	36·2	35·2	36·9	36·0	41·1	33·7
25	40·8	36·6	41·1	37·0	41·3	37·1	41·0	36·4	41·3	37·4	42·1	36·8	40·8	37·9	39·0	36·2	40·0	36·7	38·9	36·1	41·0	38·2	42·1	40·0	45·3	37·8
26	44·8	43·6	44·9	43·2	45·0	43·2	45·0	43·2	44·2	43·0	43·8	42·3	43·9	42·1	43·4	42·0	43·9	42·0	43·0	41·9	43·3	42·3	44·0	42·9	49·0	43·0
27	45·2	43·7	44·3	43·1	44·7	42·1	43·0	41·4	42·9	41·2	43·0	41·0	40·7	39·2	41·0	39·4	41·0	39·8	41·0	39·2	41·4	39·3	43·2	40·7	45·3	39·9
28	43·3	40·2	43·9	40·5	44·1	41·6	44·8	41·8	44·2	41·9	44·2	42·0	46·2	44·2	47·0	45·0	45·1	44·7	45·9	45·3	46·0	45·5	46·2	45·8	47·2	43·0
29	43·9	41·7	43·3	41·3	44·2	42·2	44·0	41·9	43·5	40·9	44·2	41·2	45·9	41·2	46·2	42·0	46·3	42·0	46·9	42·1	47·9	43·2	47·0	43·4	48·1	41·1
30	41·7	40·0	41·9	40·2	41·6	40·1	41·9	40·1	42·2	39·9	42·8	40·1	42·2	40·3	41·5	40·1	42·8	40·1	41·8	40·3	42·8	41·3	43·9	41·4	45·0	41·1
31	45·8	41·2	44·6	40·8	45·0	40·1	46·1	40·5	45·5	40·1	43·2	39·9	43·0	39·4	43·2	39·9	42·9	39·6	43·0	39·3	42·1	39·9	40·9	39·4	46·3	40·3
MEAN	38·8	36·5	38·8	36·6	38·8	36·7	38·8	36·6	38·6	36·6	38·8	36·7	38·7	36·8	38·8	36·9	39·1	37·0	39·0	36·9	39·4	37·3	39·7	37·6	42·5	35·3

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	43·9	39·9	42·6	39·1	42·8	39·6	42·2	39·1	41·9	39·7	41·8	39·1	41·4	39·0	41·3	39·4	40·9	39·3	41·8	39·7	40·7	39·2	39·8	38·7	41·0	37·8
2	41·2	40·3	41·9	41·2	41·6	40·9	41·2	40·6	40·6	39·6	40·0	39·1	39·7	38·8	39·0	38·1	37·8	37·1	36·6	36·0	36·3	35·6	37·0	36·1	40·4	39·5
3	41·2	40·5	42·1	40·2	41·1	40·3	40·2	39·1	39·7	38·3	39·2	38·2	38·9	38·1	39·4	37·9	38·4	37·9	38·0	37·6	38·2	37·8	37·6	37·0	38·1	37·2
4	36·4	32·9	36·0	32·2	35·4	32·3	33·8	32·2	33·9	32·2	34·0	32·0	34·2	31·9	33·3	31·6	33·2	31·3	33·1	31·2	33·3	31·0	33·7	30·9	36·0	33·9
5	36·0	32·4	36·1	32·6	34·1	31·3	32·9	30·5	32·7	30·6	32·1	30·2	33·3	31·2	32·3	30·3	32·0	30·2	31·1	29·8	31·1	29·0	30·2	28·4	33·3	30·8
6	31·7	30·1	31·8	30·0	31·9	30·5	31·9	30·4	31·9	30·2	31·7	30·2	32·0	30·2	31·6	30·2	31·4	30·3	30·5	29·6	31·3	30·2	31·2	29·9	29·7	28·4
7	36·3	33·0	35·7	32·0	35·3	30·6	34·8	29·0	32·6	[32·0]	32·0	29·3	32·0	28·3	32·0	28·5	34·9	30·0	35·2	30·4	35·3	30·5	35·8	32·0	33·9	31·3
8	38·5	35·7	38·7	35·6	39·0	36·0	39·2	35·9	39·7	35·8	38·3	35·3	37·2	34·9	36·2	34·3	35·9	34·1	35·5	33·9	34·9	33·5	35·8	33·5	37·0	34·8
9	32·7	30·7	33·4	31·9	34·3	33·0	34·2	33·0	35·0	33·6	35·0	33·9	35·7	34·3	35·6	34·5	35·8	34·7	35·7	34·4	35·6	34·0	35·9	34·9	33·3	31·9
10	41·4	38·0	40·9	37·3	40·2	37·1	40·9	36·7	40·9	36·9	41·0	37·2	40·9	37·3	41·0	37·5	41·9	38·6	42·2	38·8	42·0	39·3	42·0	39·3	39·6	37·0
11	44·5	43·2	44·3	43·2	44·8	43·9	45·0	44·0	45·7	44·5	45·6	44·8	45·9	45·0	45·1	45·0	45·2	45·1	45·3	45·2	47·0	46·7	47·1	46·9	43·9	43·0
12	47·1	46·8	46·7	46·3	46·9	46·2	46·6	46·0	46·8	46·1	46·1	45·9	47·0	46·2	47·0	46·0	47·0	46·0	46·3	45·6	46·4	44·9	46·0	44·9	47·0	46·3
13	47·9	47·1	48·5	47·6	47·6	45·0	47·2	43·0	46·2	41·2	45·3	40·8	45·2	40·2	45·2	38·2	44·6	37·9	43·2	37·4	43·0	38·3	43·1	38·1	45·8	42·4
14	38·2	33·9	36·4	33·3	36·4	32·8	36·2	32·3	35·6	32·5	34·8	32·3	34·9	32·1	34·0	32·2	33·2	31·1	33·7	30·6	34·3	31·2	35·5	32·0	38·2	33·8
15	43·9	41·9	44·1	42·1	43·9	41·9	43·9	41·5	42·9	40·1	42·3	40·0	41·3	39·0	41·3	38·9	42·1	38·9	41·9	38·6	42·2	39·0	41·3	38·7	40·9	38·3
16	38·7	36·8	38·9	37·0	38·5	36·3	38·3	36·4	38·2	36·1	37·8	36·0	37·3	36·0	37·0	36·0	36·6	35·4	35·8	34·5	36·2	35·0	36·0	34·2	38·2	36·5
17	36·9	33·0	37·3	33·0	36·9	32·3	36·1	32·1	35·5	32·1	34·4	31·7	33·4	30·3	33·5	30·5	33·7	30·6	34·2	30·9	35·0	31·0	35·2	31·8	35·0	32·0
18	35·8	32·1	35·8	32·0	35·7	32·2	35·2	32·0	35·4	31·3	35·7	31·2	35·8	32·0	35·9	32·1	35·5	32·3	34·3	32·3	34·0	32·4	34·8	32·7	35·4	31·8
19	40·0	38·6	39·8	38·4	40·0	38·7	40·0	38·3	40·6	38·6	40·1	39·2	41·0	40·0	41·9	41·2	41·8	40·1	42·4	41·1	43·2	41·8	43·3	42·0	38·8	37·7
20	39·2	34·2	37·9	33·3	36·0	33·7	35·0	33·1	35·3	32·7	33·9	32·2	34·8	32·2	31·8	32·1	31·0	30·3	32·8	29·6	32·9	31·3	32·0	29·9	38·6	36·6
21	29·2	27·1	29·9	27·9	30·2	28·6	30·3	28·9	34·4	32·0	34·2	31·8	33·2	32·1	35·0	33·1	34·1	33·3	34·7	33·1	35·1	33·3	35·8	33·4	31·0	29·5
22	37·8	33·3	35·0	32·0	35·3	32·1	33·0	30·2	31·0	[29·0]	31·0	28·5	28·2	26·8	27·1	25·7	26·3	24·9	26·6	25·1	28·0	26·0	28·3	26·6	33·2	30·8
23	44·8	42·0	45·6	42·2	44·9	42·1	45·5	41·8	43·2	40·3	42·3	40·0	42·0	39·5	41·5	38·7	41·2	38·2	41·1	38·0	41·1	38·2	40·3	38·2	40·7	38·5
24	37·3	36·2	38·0	36·7	38·1	37·0	37·5	36·8	36·3	35·1	36·7	35·1	35·4	34·7	35·0	34·2	35·3	34·6	35·8	34·9	36·0	35·0	37·8	36·0	37·4	36·3
25	42·2	41·0	42·4	41·2	42·5	41·1	42·9	41·7	43·7	42·6	44·2	43·2	45·0	44·2	45·1	44·3	45·2	44·3	44·7	44·0	44·6	44·1	44·0	43·8	42·3	40·1
26	44·2	43·1	46·5	44·0	45·4	44·0	45·3	44·1	48·8	45·6	48·7	45·9	47·7	45·7	45·9	45·2	46·7	45·6	46·9	45·5	45·7	44·6	45·2	44·0	45·3	43·7
27	43·6	40·9	43·0	41·1	42·1	40·7	42·0	40·9	41·1	39·8	42·6	40·7	42·3	40·0	42·3	40·9	43·2	41·1	45·7	41·0	43·7	41·0	43·9	40·9	42·7	40·8
28	46·2	45·8	46·9	46·0	46·3	45·4	45·8	44·6	45·1	43·9	44·8	43·2	44·7	43·2	44·5	42·9	44·2	42·8	44·0	43·0	43·4	42·1	43·9	42·1	45·0	43·5
29	44·9	42·9	44·4	41·9	43·0	41·0	42·2	41·0	42·9	41·8	43·4	42·2	43·5	41·1	43·4	41·9	43·6	41·9	42·8	40·8	41·2	39·1	41·9	39·5	44·2	41·6
30	44·2	41·6	43·7	41·8	44·9	40·1	44·0	40·0	44·2	39·4	43·7	39·7	43·9	39·2	44·4	40·1	43·8	40·3	44·8	40·9	43·9	40·8	43·4	40·0	43·2	40·3
31	41·2	40·1	40·5	38·9	41·9	39·9	41·9	40·2	42·1	40·2	42·1	40·3	41·6	39·9	41·5	39·6	41·8	39·4	42·0	38·8	41·9	38·9	40·9	38·9	42·7	39·8
MEAN	40·2	37·9	40·2	37·8	39·9	37·6	39·5	37·3	39·5	37·2	39·2	37·1	39·0	36·9	38·7	36·8	38·7	36·7	38·6	36·5	38·6	36·6	38·7	36·6	39·1	36·9

TEMPERATURE. DRY AND WET BULBS. FEBRUARY 1891.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	24·0	24·0	24·0	24·0	23·3	23·3	23·0	23·0	21·9	22·0	21·7	21·8	23·1	23·1	22·3	22·4	22·3	23·1	21·2	24·2	24·2	24·2	25·7	25·7	30·2	21·7
2	31·2	31·2	31·9	31·9	32·0	32·0	32·2	32·2	32·6	32·7	32·4	32·5	32·7	32·7	33·0	33·0	33·0	33·0	33·0	33·1	33·0	33·0	32·9	32·9	35·0	31·2
3	34·1	34·1	34·1	34·1	34·1	34·1	34·2	34·2	34·3	34·3	34·3	34·3	33·9	33·9	33·3	33·3	33·1	33·1	33·5	33·5	34·1	34·1	34·5	34·5	35·0	32·4
4	32·4	28·9	31·9	30·0	30·8	30·6	32·0	31·7	32·3	32·3	33·3	33·2	33·4	33·3	33·1	33·0	32·6	32·6	32·0	32·0	31·6	32·0	31·5	31·9	35·9	27·4
5	28·3	28·3	30·0	30·0	30·0	30·0	30·1	30·1	30·9	30·9	31·2	31·2	31·3	31·3	31·8	31·8	31·8	31·8	32·0	31·9	32·0	32·0	32·0	31·5	33·8	28·3
6	32·1	32·1	32·1	32·1	32·3	32·3	32·3	32·3	32·3	32·3	32·1	32·1	31·5	32·0	30·1	30·1	29·2	29·2	28·7	25·4	28·1	27·8	28·3	28·3	32·3	26·7
7	31·5	31·5	30·9	30·9	29·3	29·3	28·5	28·5	27·5	27·3	27·1	27·4	28·1	28·2	27·8	27·8	28·0	28·0	28·3	28·3	28·5	28·5	28·8	28·8	31·5	27·1
8	27·0	27·0	26·3	26·3	24·6	24·6	23·8	23·8	22·1	22·2	20·7	20·4	20·4	20·4	20·4	20·7	22·0	22·1	21·4	21·5	22·3	22·4	23·1	23·1	27·0	20·4
9	24·1	24·1	24·6	24·6	24·4	24·4	24·3	24·3	23·1	23·1	23·1	23·1	22·1	22·1	21·6	21·7	22·2	22·2	21·9	22·0	21·4	21·4	21·6	21·6	25·2	18·6
10	26·0	26·0	26·5	26·5	26·7	26·7	27·0	27·0	26·3	26·4	26·6	26·5	26·4	26·3	26·7	26·5	26·6	26·6	26·3	26·3	26·9	26·9	26·6	26·7	32·4	26·0
11	32·9	32·2	33·2	32·2	33·9	33·9	34·1	34·1	34·1	34·1	34·9	34·9	34·5	34·5	34·5	34·5	34·3	34·3	34·1	34·1	34·0	34·0	33·7	33·7	34·9	19·5
12	19·2	19·5	18·1	18·5	18·2	18·1	18·2	18·1	19·3	19·5	19·1	19·3	19·9	19·9	21·1	21·2	21·4	21·4	20·4	20·5	19·9	20·3	19·4	19·6	22·6	**18·1**
13	20·7	21·0	20·6	20·6	19·7	20·1	19·2	19·1	19·4	19·0	19·4	17·9	22·2	19·4	23·0	20·3	20·9	19·6	20·2	19·9	20·3	20·4	21·3	21·3	31·8	19·2
14	31·6	31·6	31·6	31·6	31·8	31·8	31·8	31·8	31·8	31·8	31·0	31·0	31·2	31·2	31·1	31·1	30·8	30·8	29·5	29·5	29·5	29·5	29·8	29·8	31·8	29·5
15	32·0	32·0	32·0	32·0	32·0	32·0	32·0	32·0	32·0	32·0	32·0	32·0	31·6	31·6	30·8	30·8	29·8	29·8	33·7	29·7	32·9	30·0	34·8	29·1	34·8	26·8
16	29·0	29·0	29·2	29·2	29·6	29·6	29·9	29·9	30·0	30·0	30·3	30·3	31·9	31·9	31·0	31·0	31·2	31·2	31·0	31·0	31·2	31·2	31·7	31·7	31·9	29·0
17	31·0	31·0	30·6	30·6	30·3	30·3	29·0	29·0	28·4	28·4	28·2	28·2	28·1	28·1	27·9	27·9	27·8	27·8	28·5	28·5	34·9	33·2	40·4	33·0	40·9	27·8
18	31·4	31·4	31·8	31·8	30·0	30·0	31·0	31·0	31·0	31·0	31·0	31·0	30·0	30·0	30·0	30·0	31·2	31·2	32·7	32·0	34·8	32·9	34·1	33·2	40·2	30·0
19	35·9	33·9	36·2	33·8	37·3	33·9	37·1	33·9	38·0	33·1	37·1	32·7	36·0	32·0	36·0	32·3	37·2	33·0	36·9	33·3	37·2	33·3	37·8	34·0	38·0	33·0
20	34·1	31·2	34·3	30·8	33·3	30·0	35·8	31·0	34·9	30·9	35·0	30·8	33·8	28·8	34·5	29·6	35·7	30·0	36·5	31·0	37·5	32·5	37·9	32·8	39·2	33·3
21	35·1	31·0	36·1	30·8	35·2	31·7	34·8	31·2	31·8	30·4	29·7	28·4	27·0	25·3	27·7	25·0	27·0	25·0	26·0	24·3	25·5	25·6	25·9	26·0	36·1	24·9
22	29·8	27·2	32·8	29·8	32·3	28·9	30·1	28·3	31·2	29·2	30·1	28·8	31·1	29·8	29·5	29·5	30·0	30·0	30·1	30·1	32·2	32·2	34·0	34·0	38·3	29·5
23	37·8	33·0	38·8	33·8	38·2	34·0	38·0	33·2	37·2	32·9	37·1	32·6	36·9	32·0	37·0	32·3	36·6	32·4	35·9	32·3	37·1	32·4	38·0	32·7	38·8	35·6
24	34·7	32·3	35·2	32·9	35·0	34·3	37·9	37·9	36·9	36·9	38·2	36·3	38·1	35·5	38·4	33·0	40·2	33·0	41·9	34·0	42·2	34·8	43·7	36·0	**43·7**	34·7
25	40·0	32·6	38·2	31·9	37·8	30·9	38·0	31·7	38·2	31·2	37·6	30·8	37·0	30·8	37·0	30·8	35·0	30·9	36·3	30·9	36·0	30·1	35·3	30·0	40·6	31·9
26	33·0	29·8	31·0	28·3	30·8	27·1	31·0	27·0	31·0	26·8	31·0	28·0	29·3	27·0	30·0	26·2	31·0	27·1	32·0	28·0	33·5	29·0	34·4	29·9	35·0	26·0
27	26·2	24·2	25·9	24·9	27·9	24·6	27·0	25·8	26·8	25·9	26·9	26·3	27·2	26·1	29·9	25·9	29·0	27·0	30·0	29·1	30·8	29·8	32·0	30·7	32·4	25·9
28	27·9	28·0	28·0	28·0	27·4	27·4	27·0	27·0	26·1	26·1	22·9	23·0	23·1	23·0	23·7	23·2	24·0	22·9	24·1	24·1	25·2	25·2	24·9	24·9	33·0	22·9
MEAN	30·5	29·2	30·6	29·4	30·3	29·1	30·3	29·3	30·0	29·0	29·8	28·7	29·7	28·6	29·8	28·4	29·8	28·6	30·0	28·6	30·6	29·2	31·2	29·6	34·3	27·0

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	24·0	24·1	25·1	25·1	24·1	24·1	24·1	24·1	23·8	23·8	24·1	24·1	24·1	24·1	24·5	24·5	26·5	26·5	28·0	28·0	29·0	29·0	30·2	30·2	24·5	24·5
2	33·3	33·3	33·8	33·8	34·0	34·0	34·1	34·1	34·1	34·1	34·2	34·2	34·8	34·8	35·0	35·0	35·0	35·0	35·0	35·0	35·0	35·0	34·2	34·2	33·4	33·4
3	34·9	34·9	35·0	35·0	35·0	35·0	34·5	34·5	33·8	33·8	32·9	32·9	32·4	32·2	35·0	32·0	34·0	31·2	35·0	31·8	34·0	30·4	34·8	30·2	34·1	33·1
4	31·8	32·0	31·7	31·8	33·4	31·0	35·8	32·1	35·9	33·2	34·9	31·3	34·0	29·8	33·3	28·9	30·9	27·8	29·0	27·0	27·4	27·8	28·0	28·0	32·2	30·9
5	32·7	32·2	33·2	33·2	33·1	33·1	33·0	33·0	33·3	33·3	33·2	33·2	33·3	33·3	33·6	33·6	33·8	33·8	33·8	33·8	33·8	33·8	33·1	33·1	32·1	32·1
6	28·1	26·4	27·4	26·3	27·1	27·1	27·7	26·4	26·7	27·0	27·0	27·2	27·2	27·4	27·6	27·6	30·0	30·0	30·8	30·8	31·0	31·0	31·4	31·4	29·6	29·4
7	29·0	28·9	29·1	29·1	29·1	29·1	29·7	29·7	29·5	29·5	29·8	29·8	29·5	29·5	30·0	30·0	30·0	30·0	30·5	30·5	31·3	31·3	30·1	30·1	29·2	29·2
8	23·9	24·0	23·1	23·1	23·7	23·7	23·7	23·7	23·9	23·8	23·1	23·0	23·3	23·3	23·6	23·6	23·8	23·8	24·1	24·1	24·3	24·3	24·1	24·1	23·3	23·3
9	21·8	21·9	21·3	21·3	20·9	20·9	19·9	19·2	19·2	18·4	19·0	19·1	18·6	18·9	20·0	20·0	22·4	22·4	24·1	24·1	25·0	25·0	25·2	25·2	22·2	22·1
10	26·7	26·7	26·7	26·7	26·7	26·7	27·8	27·8	28·9	28·9	29·0	29·0	29·2	29·2	29·7	29·7	30·1	30·1	30·9	30·9	31·9	31·9	32·4	32·1	27·9	27·8
11	32·5	32·5	32·7	32·7	32·9	32·9	33·2	33·2	29·1	30·3	28·1	28·2	27·8	27·8	23·3	23·3	20·7	20·7	20·9	20·9	20·8	20·8	19·5	19·7	30·4	30·4
12	20·3	20·4	21·6	21·6	20·9	20·9	21·0	21·0	21·1	21·1	20·9	20·9	20·7	20·8	20·1	20·1	21·5	21·5	21·9	21·9	22·3	22·3	22·6	22·6	20·4	20·5
13	22·1	22·1	23·1	23·1	24·5	24·5	25·1	25·1	25·3	25·4	25·9	26·0	27·0	27·0	28·7	28·7	29·0	29·0	30·7	30·7	31·6	31·6	31·8	31·8	23·8	23·5
14	30·0	30·0	29·8	29·8	29·9	29·9	30·0	30·0	30·0	30·0	29·9	29·9	29·5	29·5	30·2	30·2	30·8	30·8	31·1	31·1	31·7	31·7	31·8	31·8	30·7	30·7
15	33·3	29·0	34·4	30·3	32·0	27·9	29·9	27·5	27·8	26·6	26·8	26·2	27·2	27·3	27·1	27·1	27·0	27·0	27·2	27·2	28·2	28·2	28·2	28·2	30·6	29·4
16	31·6	31·6	31·2	31·2	31·3	31·3	31·2	31·2	30·7	30·7	30·7	30·7	30·9	30·9	31·0	31·0	31·0	31·0	31·0	31·0	31·0	31·0	31·0	31·0	30·8	30·8
17	40·2	33·0	33·3	30·4	40·9	30·9	40·2	33·0	30·9	28·7	31·2	28·2	35·2	29·5	28·1	28·1	28·0	28·0	28·3	28·1	29·8	29·8	31·8	31·8	31·8	29·8
18	35·3	32·1	37·0	32·0	40·0	31·7	40·0	31·3	39·8	31·1	40·2	32·2	39·0	32·0	39·9	34·1	37·8	33·1	36·8	32·2	35·3	33·3	36·0	34·0	34·8	31·9
19	37·8	33·8	37·5	32·5	36·0	30·8	34·9	30·9	33·7	30·0	34·0	29·0	33·5	31·9	33·3	28·2	33·0	29·1	33·3	30·8	34·9	29·6	33·9	29·2	35·8	31·9
20	36·6	32·8	37·0	32·7	38·7	32·0	38·0	32·5	38·8	32·3	37·3	31·0	36·5	31·4	35·8	31·0	37·2	32·5	38·9	34·2	39·2	32·2	35·8	33·0	36·4	31·5
21	26·4	26·4	26·9	26·9	26·9	26·9	26·3	26·3	25·7	25·7	25·1	25·1	25·5	25·5	25·0	24·9	26·0	25·1	26·9	25·2	29·9	26·0	24·9	25·1	28·2	26·8
22	35·2	35·2	37·0	37·0	37·0	37·0	37·9	37·7	36·2	36·2	35·2	34·2	35·0	35·0	35·8	35·7	35·2	34·8	38·3	36·2	36·0	33·1	37·8	33·8	33·7	32·7
23	37·8	32·8	38·0	32·9	37·2	33·0	37·9	33·2	37·0	32·8	37·0	32·4	37·6	33·2	37·7	32·9	37·5	32·2	36·8	31·9	36·0	32·2	35·6	32·8	37·3	32·7
24	43·7	35·8	43·0	35·3	41·6	35·7	42·8	35·1	42·0	35·0	41·2	35·0	41·2	33·4	43·1	35·1	42·5	34·8	42·3	35·0	42·0	34·0	41·8	33·1	40·4	34·8
25	36·1	30·0	36·2	31·7	37·9	30·2	35·9	31·0	35·8	30·8	33·2	29·7	33·7	29·8	32·3	29·7	31·9	29·9	33·9	32·0	33·0	30·9	33·2	30·2	35·8	30·8
26	34·9	29·8	35·0	30·1	34·2	29·0	33·9	30·0	33·0	28·0	31·3	28·0	30·8	26·4	29·7	26·3	29·0	25·2	28·0	25·3	27·2	24·9	26·0	24·8	31·3	27·6
27	32·4	30·8	32·2	31·1	31·9	30·7	31·9	31·0	30·7	29·0	30·0	28·5	29·6	28·7	28·9	29·0	28·2	28·0	28·1	27·8	28·2	27·9	27·3	27·2	29·1	27·9
28	26·8	26·8	27·6	27·6	29·4	29·4	31·9	31·9	32·1	32·0	33·0	32·0	32·2	32·2	31·1	31·1	30·5	30·5	29·8	29·9	31·0	31·0	30·7	30·7	27·9	27·9
MEAN	31·4	29·6	31·4	29·8	31·8	29·6	31·9	29·9	31·0	29·3	30·6	29·0	30·7	29·1	30·5	29·0	30·5	29·1	30·9	29·6	31·1	29·6	30·8	29·6	30·6	29·2

TEMPERATURE. DRY AND WET BULBS. FEBRUARY 1891.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	43·0	38·7	40·0	37·6	42·0	38·1	40·0	36·9	39·1	36·1	38·3	35·6	36·7	34·9	36·1	34·3	36·7	35·2	39·2	37·8	40·2	38·6	40·8	39·7	43·1	35·9
2	43·3	42·9	44·0	43·5	44·9	44·2	45·1	44·8	45·1	44·9	44·9	44·4	45·0	44·9	45·6	45·1	45·9	45·5	46·2	45·9	46·5	46·1	47·0	46·3	49·7	42·7
3	48·8	47·3	48·2	47·3	48·6	47·6	47·1	46·4	47·3	46·9	48·3	47·2	47·7	46·3	47·3	46·2	46·9	46·1	46·9	46·2	46·6	46·2	47·1	46·9	49·3	43·4
4	44·6	43·5	43·5	42·6	43·9	42·8	43·6	42·4	43·8	42·5	43·0	42·2	43·1	42·7	44·2	43·3	44·2	43·5	44·1	43·5	44·2	43·8	44·9	44·2	47·1	43·0
5	43·6	42·2	43·9	42·1	44·0	42·2	44·2	42·8	44·3	42·9	43·9	43·0	44·0	43·3	43·9	43·2	44·1	43·7	44·1	43·7	44·1	43·9	44·2	44·0	47·7	43·5
6	46·5	45·7	45·1	44·9	45·1	44·9	45·1	44·7	45·3	44·9	44·9	44·3	45·0	44·5	44·9	44·0	45·8	44·0	46·1	45·0	45·9	44·7	46·1	44·1	47·3	43·2
7	45·0	44·7	44·7	44·1	45·0	43·9	44·9	42·9	44·8	42·6	44·3	42·6	44·1	42·8	44·1	42·2	43·6	42·4	44·0	42·5	43·9	42·8	43·8	42·8	45·5	43·4
8	44·1	41·0	43·9	41·0	43·3	39·8	42·2	39·1	40·1	37·0	38·2	35·8	36·9	34·2	36·0	33·5	35·7	33·4	37·2	35·2	39·9	37·5	41·0	38·8	46·4	35·7
9	40·9	39·1	41·0	39·2	40·9	39·6	40·3	39·7	40·7	39·1	40·6	38·9	40·9	38·7	40·2	37·9	40·1	37·8	40·0	37·1	40·9	37·7	40·4	36·9	41·9	38·7
10	41·8	39·6	41·9	40·0	41·8	40·3	41·7	40·6	42·2	40·5	42·1	40·4	41·7	40·3	41·7	40·1	41·2	39·9	41·6	39·8	41·9	40·1	42·3	40·2	46·4	41·0
11	47·3	46·3	48·1	46·9	48·1	47·1	47·3	46·7	48·6	47·5	48·9	48·0	49·0	48·2	49·0	48·2	48·0	47·4	47·7	47·1	46·8	46·2	46·2	45·7	49·6	36·3
12	36·2	34·3	35·4	33·2	35·2	33·1	34·1	32·2	34·4	32·4	35·8	33·7	36·4	33·9	37·2	35·0	36·4	34·9	37·3	35·9	38·2	36·6	40·1	36·3	42·1	34·0
13	37·8	35·7	35·6	34·1	34·3	32·3	34·0	31·8	33·9	31·8	33·6	31·1	33·8	31·1	33·9	31·2	34·2	31·9	35·0	32·2	36·3	33·8	36·8	33·8	41·8	33·2
14	42·6	42·2	43·7	43·3	43·9	43·5	44·3	43·8	43·9	43·7	46·6	44·8	46·2	44·8	46·1	44·8	46·1	44·6	47·7	45·0	48·8	45·1	47·7	45·3	48·9	41·8
15	43·9	43·6	44·1	43·8	44·3	43·9	44·7	44·0	44·9	44·3	45·1	44·5	45·5	44·7	45·6	44·6	45·3	44·5	45·0	44·0	45·2	44·1	45·2	43·5	48·3	41·0
16	43·7	41·3	43·9	41·7	43·9	41·7	44·2	41·9	44·3	42·1	44·2	42·2	43·8	42·2	43·5	42·2	44·1	42·8	45·0	43·1	45·3	43·7	46·2	43·9	46·8	43·0
17	44·4	43·8	44·5	43·7	44·3	43·5	44·3	43·3	44·3	43·2	44·0	43·0	44·1	43·2	44·2	43·1	44·8	43·4	45·2	43·8	45·4	43·7	46·0	43·8	46·2	43·6
18	43·9	42·4	43·8	42·0	43·7	41·8	43·6	41·8	43·9	42·0	43·8	42·0	43·9	42·3	44·0	42·5	44·9	42·6	44·9	42·7	44·4	42·8	44·1	42·1	45·2	36·0
19	35·0	34·0	34·7	33·7	33·5	32·6	32·9	32·0	32·3	31·3	33·0	32·0	32·7	31·8	31·9	31·0	33·4	32·4	33·3	32·5	36·0	35·0	39·7	38·5	48·3	31·9
20	33·9	32·7	34·4	33·2	33·3	32·1	32·3	30·9	32·1	30·7	32·2	30·5	33·0	31·4	32·8	31·3	33·7	31·6	33·9	31·9	36·9	34·3	38·0	35·9	48·0	31·4
21	33·4	31·9	34·2	32·3	33·3	32·0	33·8	32·0	38·5	36·4	38·2	36·0	38·0	36·0	36·9	34·9	35·8	34·2	35·8	34·2	39·0	36·4	40·9	38·3	43·5	32·7
22	38·4	36·4	38·0	36·2	37·6	35·8	37·2	35·0	36·0	34·2	37·7	35·7	39·7	37·7	46·3	42·2	47·2	43·0	45·7	43·7	44·0	43·1	43·4	42·7	50·5	35·8
23	50·1	44·3	49·3	43·8	49·5	43·8	48·1	42·9	48·6	42·9	48·4	42·8	47·3	42·9	48·9	42·6	49·0	42·9	49·1	43·2	49·9	43·7	51·0	44·4	52·8	47·2
24	49·9	43·9	49·6	43·9	50·0	44·3	49·1	44·3	49·8	44·6	48·3	43·9	48·7	43·9	46·2	43·0	46·2	42·7	47·2	43·9	49·6	44·8	52·7	45·9	**55·0**	44·0
25	47·6	40·9	47·5	40·8	47·2	40·7	46·9	40·9	45·9	40·9	46·0	40·4	46·0	40·3	44·9	40·1	45·2	40·2	45·9	40·9	47·0	41·3	48·5	42·5	51·8	40·8
26	41·3	38·7	41·0	38·7	41·1	38·4	41·1	38·6	39·3	37·4	39·0	37·0	39·0	36·4	38·8	36·4	39·6	36·9	40·9	38·4	43·5	40·3	45·6	41·1	51·0	34·5
27	34·0	32·0	33·8	31·4	32·6	30·3	32·1	30·0	31·5	29·5	32·2	30·0	31·3	29·4	31·2	29·3	32·2	30·1	34·1	31·9	36·1	33·7	38·6	35·7	44·2	**30·8**
28	40·2	38·9	40·3	39·2	40·4	39·3	41·1	39·8	41·9	40·2	42·2	39·8	42·7	39·8	42·6	39·9	43·4	40·0	43·3	39·7	42·3	39·5	41·5	39·0	48·3	39·9
MEAN	42·3	40·3	42·1	40·2	42·0	40·0	41·6	39·7	41·7	39·7	41·7	39·7	41·7	39·7	41·7	39·7	41·9	39·9	42·4	40·4	43·2	41·1	43·9	41·5	47·5	38·9

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	41·6	39·5	42·8	40·1	42·2	39·2	42·3	39·1	41·2	38·2	41·5	39·4	42·2	39·3	42·4	38·9	42·1	39·8	40·9	40·0	41·3	40·7	42·7	42·0	40·6	38·3
2	47·1	46·9	47·3	46·9	47·9	47·2	47·2	46·9	48·0	47·4	47·0	46·5	48·0	47·7	49·0	48·1	49·4	48·3	49·3	48·4	49·0	48·0	49·1	48·0	46·7	46·2
3	47·3	47·2	47·3	47·0	47·8	47·5	45·9	44·9	44·8	44·0	44·9	43·4	44·9	43·2	44·7	43·1	44·2	43·0	44·0	42·9	43·6	42·6	43·9	43·0	46·4	45·5
4	45·1	44·7	46·1	45·2	46·6	45·3	47·0	45·3	46·3	44·7	45·8	44·2	45·9	43·6	45·9	43·2	45·4	43·1	44·6	42·9	43·9	42·3	43·9	42·1	44·7	43·5
5	45·3	45·1	45·2	45·0	45·6	45·3	45·9	45·7	46·9	46·6	46·1	45·9	46·3	46·0	45·7	45·2	45·1	45·0	45·2	45·0	46·9	46·4	46·3	45·2	45·0	44·3
6	46·8	44·4	47·1	43·3	46·0	43·5	46·1	43·1	45·2	42·9	44·3	42·4	44·1	42·7	44·0	42·3	43·9	42·8	43·2	42·9	44·2	43·9	45·0	44·7	45·2	43·9
7	43·9	43·0	43·9	43·0	44·2	43·1	44·6	43·2	44·2	43·2	44·0	43·2	44·5	43·2	44·9	43·3	44·3	43·5	44·7	43·8	45·0	44·2	45·3	44·0	44·4	43·2
8	42·1	39·3	41·9	38·9	43·1	39·9	42·2	39·2	41·0	38·4	40·4	37·3	40·4	37·6	40·2	37·9	40·2	38·1	40·0	38·2	40·3	38·9	40·3	38·9	40·4	37·9
9	41·1	36·4	41·8	37·2	41·0	37·0	39·5	35·7	39·7	35·8	39·2	35·2	38·9	35·1	38·9	35·4	39·4	36·4	40·2	37·3	39·9	37·6	41·3	38·7	40·3	37·5
10	42·7	40·6	42·6	40·8	42·3	40·8	42·7	41·2	43·4	42·0	43·8	42·7	44·0	42·8	44·0	42·8	43·8	42·9	44·0	43·3	45·3	44·7	46·4	45·3	42·8	41·3
11	47·1	46·1	47·0	46·1	47·0	46·2	49·4	46·8	47·3	43·1	45·7	42·5	42·0	39·5	41·6	37·9	38·0	35·9	38·5	35·7	37·1	35·3	36·8	35·0	45·5	44·0
12	40·9	37·0	41·2	36·7	41·5	36·7	42·0	36·9	37·9	35·7	39·3	36·2	38·6	35·2	39·5	35·8	41·2	37·0	41·4	37·6	41·0	37·3	40·1	37·3	38·4	35·5
13	38·7	35·7	38·9	36·2	36·7	35·3	36·9	35·6	36·9	36·0	37·2	36·5	38·0	37·3	38·8	38·1	39·3	38·7	39·9	39·3	41·0	40·8	41·8	41·3	36·8	35·1
14	46·9	45·1	46·9	45·0	47·0	45·0	46·9	44·8	46·8	44·6	45·3	43·7	44·5	43·4	44·5	43·4	44·2	43·3	44·5	43·6	44·5	43·6	44·1	43·6	45·6	44·2
15	45·5	43·1	47·0	43·8	47·7	44·0	47·4	42·2	46·0	41·7	44·4	40·5	42·8	39·8	42·8	39·9	42·3	39·9	41·2	39·3	41·8	39·9	43·0	40·9	44·6	42·7
16	46·3	44·2	45·8	44·0	46·0	44·3	45·0	43·8	44·8	43·7	44·8	43·6	44·9	43·6	44·5	43·4	44·6	43·6	44·5	43·7	44·7	43·8	44·3	43·8	44·7	43·1
17	46·0	43·7	45·9	43·7	45·2	43·3	45·0	42·5	44·5	42·7	44·4	42·4	44·6	42·2	44·1	42·3	44·1	42·1	43·7	42·0	43·9	42·1	44·0	42·2	44·6	43·0
18	44·2	41·6	45·0	41·7	45·0	41·8	44·8	41·3	44·0	41·1	42·7	40·4	42·9	40·8	40·6	38·7	40·0	38·2	39·5	38·0	37·7	35·9	36·3	35·4	43·0	40·9
19	43·5	41·2	46·4	43·0	46·9	43·6	48·0	44·3	46·1	43·4	43·1	40·4	43·8	41·1	42·4	39·5	41·3	38·4	37·4	35·9	36·6	34·9	36·0	34·4	38·3	36·5
20	42·5	38·1	44·0	39·6	47·6	41·9	47·0	41·6	45·7	40·7	42·0	38·5	37·9	35·3	37·3	34·6	36·2	33·9	35·6	33·2	35·1	33·1	35·1	33·0	37·2	34·6
21	41·7	39·3	42·3	39·4	42·5	39·9	43·0	40·3	42·8	40·0	43·5	39·5	42·0	38·8	41·1	37·9	40·9	37·7	38·8	36·7	38·0	36·2	37·9	36·0	38·8	36·5
22	44·6	43·6	46·3	44·9	47·1	45·2	47·8	45·2	48·0	45·0	48·9	45·1	49·6	45·6	49·7	46·3	50·0	46·6	49·9	45·6	50·1	44·7	49·9	44·4	44·7	42·0
23	51·8	44·8	52·5	45·3	50·1	45·0	50·7	44·7	52·1	44·7	50·9	44·2	50·0	44·0	50·0	44·2	49·7	43·9	51·0	44·0	50·3	44·2	50·2	44·1	49·9	43·9
24	53·6	46·9	54·7	47·9	54·3	47·5	54·3	47·7	54·6	47·6	52·7	46·8	51·0	45·9	50·0	45·0	48·9	43·9	49·9	43·3	48·0	42·7	47·9	41·5	50·3	44·8
25	49·8	43·2	51·0	43·9	51·3	44·2	51·6	44·7	49·7	43·3	48·9	42·5	47·4	41·8	46·0	41·3	44·6	40·5	43·7	40·0	42·0	38·8	42·0	39·2	46·9	41·4
26	47·8	42·7	49·8	43·2	50·9	43·2	50·5	43·2	48·0	41·0	44·7	38·7	42·9	37·9	42·0	37·5	40·2	36·6	39·0	35·9	36·9	34·5	34·7	32·7	42·4	38·6
27	39·7	36·8	42·2	38·5	43·1	39·3	44·0	39·8	43·0	39·2	40·7	37·9	39·4	37·1	38·6	37·0	38·3	36·9	37·9	36·2	38·8	37·0	40·2	38·7	36·9	34·5
28	41·4	39·8	42·0	40·2	43·3	42·2	44·0	43·5	46·9	45·9	48·1	47·0	47·1	45·2	46·8	44·8	46·7	44·3	46·5	43·9	46·7	44·9	47·2	44·5	43·7	41·7
MEAN	44·8	42·1	45·5	42·5	45·7	42·8	45·8	42·6	45·2	42·2	44·4	41·7	43·9	41·3	43·6	41·0	43·2	40·9	42·8	40·7	42·6	40·7	42·7	40·7	43·2	40·9

TEMPERATURE. DRY AND WET BULBS. MARCH 1891.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	29·9	29·9	31·2	31·2	32·3	32·0	34·3	34·3	37·0	37·0	37·0	37·0	36·3	36·3	35·0	35·0	35·3	35·3	35·0	35·0	35·9	35·9	36·2	36·2	**40·0**	29·9
2	28·0	28·0	27·2	27·2	26·9	26·9	24·4	24·4	23·8	23·8	23·2	23·2	23·0	23·0	23·1	23·1	23·1	23·1	23·0	23·0	22·1	22·1	22·0	22·0	28·0	18·4
3	18·1	18·0	19·1	19·0	18·0	18·1	17·3	17·7	17·3	17·8	17·2	17·6	16·7	17·0	16·1	16·6	17·7	17·8	19·0	19·0	19·1	19·1	19·9	19·9	24·2	16·1
4	25·3	25·3	26·0	26·0	28·1	28·1	32·0	32·0	32·2	32·2	32·2	32·2	32·2	32·2	32·2	32·2	32·2	32·2	32·2	32·2	32·2	32·2	32·8	32·3	32·8	23·9
5	25·0	25·0	25·3	25·3	26·0	26·0	26·0	26·0	26·3	26·3	25·3	25·3	25·9	25·9	25·7	25·7	26·0	26·0	27·0	27·0	27·0	27·0	27·1	27·1	29·8	25·0
6	27·2	27·2	26·0	26·0	24·5	24·5	23·2	23·2	22·8	22·8	21·8	21·8	20·7	20·7	20·6	20·6	20·0	20·0	18·2	18·0	18·1	18·0	17·5	17·5	27·2	14·2
7	15·4	15·4	14·2	14·3	14·0	14·1	14·1	14·2	14·0	14·0	13·1	13·0	11·7	11·6	13·0	12·0	13·0	11·5	14·9	11·0	14·0	12·0	13·4	10·7	15·4	8·0
8	8·1	8·7	8·2	8·3	8·9	8·9	8·4	8·7	9·1	8·8	8·0	8·2	8·9	8·9	8·0	8·4	8·3	8·3	9·0	9·0	9·0	9·0	8·8	8·6	10·3	**5·6**
9	6·0	5·0	5·9	5·9	6·3	5·0	7·0	5·0	6·3	5·1	7·8	6·1	7·9	6·1	10·0	7·1	11·4	8·0	11·7	9·2	12·4	9·4	12·5	9·6	12·9	5·9
10	9·8	10·0	10·1	10·2	10·1	10·1	9·8	10·0	9·8	9·8	10·0	10·0	9·5	9·6	10·2	10·1	11·8	11·0	12·0	12·0	13·0	13·0	12·8	12·8	13·5	9·5
11	10·3	9·4	9·2	9·2	10·4	8·8	11·5	9·8	12·2	12·4	13·0	13·0	12·8	12·8	12·1	12·2	12·8	13·0	14·7	13·9	16·0	15·0	15·2	13·0	18·7	9·2
12	14·1	13·0	13·1	12·2	13·0	12·0	12·3	11·9	14·1	12·1	13·2	11·2	10·9	10·7	14·4	11·0	13·4	13·4	14·2	14·2	15·0	15·0	17·2	15·0	20·6	10·9
13	16·8	15·1	16·9	15·0	15·9	14·7	16·1	15·0	16·0	15·0	15·8	15·0	15·1	14·8	16·1	16·0	17·2	17·0	18·4	17·9	20·0	18·0	20·0	18·0	21·1	15·1
14	15·9	15·9	15·6	15·7	16·0	16·0	15·3	15·4	15·0	15·1	15·0	15·0	15·8	15·2	19·0	16·0	18·2	16·2	16·8	16·0	16·2	16·9	18·0	17·5	20·2	15·0
15	19·9	19·9	19·5	19·5	19·9	19·9	19·3	19·3	19·2	19·2	20·6	20·6	20·4	20·4	20·5	20·5	20·8	20·8	21·0	21·0	20·2	20·2	20·6	20·6	23·0	19·2
16	22·9	22·9	22·6	22·6	22·8	22·8	22·8	22·8	23·0	23·0	23·2	23·2	22·0	22·0	21·6	21·6	21·2	21·2	21·1	21·1	21·1	21·1	21·9	21·9	23·2	19·1
17	20·6	20·6	20·8	20·8	19·9	19·9	21·1	21·1	21·2	21·2	21·2	21·2	21·8	21·8	22·1	22·1	22·9	22·9	23·2	23·2	24·4	24·4	26·8	26·8	29·0	19·9
18	27·4	27·4	26·9	25·9	27·8	25·9	28·0	26·1	27·2	25·4	29·0	26·1	30·2	27·9	30·5	28·2	30·2	28·0	30·0	27·8	29·8	27·3	30·4	28·0	30·5	18·8
19	20·1	17·7	22·4	19·1	20·1	17·5	21·4	18·4	22·2	18·9	21·9	17·9	19·6	17·5	20·3	17·5	20·9	17·9	19·8	17·5	20·9	17·7	18·1	17·8	23·2	18·1
20	22·8	22·8	23·1	23·1	23·9	23·9	22·7	22·7	20·1	20·1	20·0	19·8	20·2	20·2	20·9	20·9	20·2	20·2	20·4	20·4	20·0	20·0	21·2	21·2	23·9	18·2
21	19·5	19·8	19·3	19·3	19·3	19·3	19·5	19·6	20·1	20·1	20·8	20·8	20·8	20·8	21·8	21·8	23·0	23·0	24·0	24·0	25·0	25·0	25·9	25·9	26·8	19·3
22	20·3	20·4	20·9	20·9	20·9	20·9	21·0	20·9	20·3	20·3	20·2	20·2	19·9	19·9	20·4	20·4	21·2	21·2	22·2	22·2	23·3	23·3	25·2	25·2	25·2	19·9
23	20·2	20·2	20·3	20·3	21·1	21·1	22·1	22·1	23·0	23·0	23·3	23·3	24·2	24·2	25·0	25·0	25·6	25·6	26·1	26·1	26·5	26·5	26·1	26·4	26·5	20·2
24	19·5	19·8	19·6	19·8	19·6	19·8	19·3	19·3	19·1	19·1	19·4	19·4	20·2	20·2	20·2	20·2	21·6	21·6	23·1	23·1	24·1	24·3	24·7	25·0	25·3	19·1
25	24·1	24·3	23·8	23·9	23·1	23·1	22·4	22·7	22·1	22·1	22·1	22·1	22·1	22·1	22·3	22·3	22·9	22·9	22·9	22·9	23·8	23·8	23·6	23·6	24·1	17·2
26	18·0	18·0	17·3	17·3	15·9	16·1	17·2	17·2	16·6	16·8	16·2	16·3	16·3	16·4	18·0	18·0	18·0	18·0	19·0	19·0	19·8	19·8	21·1	21·1	21·1	15·9
27	15·9	15·9	15·8	15·9	16·1	16·1	16·2	16·2	17·1	17·1	17·4	17·4	18·4	18·4	19·8	19·8	20·4	20·4	20·1	20·1	21·2	21·2	22·6	22·6	24·1	15·8
28	20·4	20·4	20·3	20·7	20·8	20·7	21·0	20·9	20·6	20·6	20·2	20·2	20·1	20·1	20·3	20·3	21·0	21·0	21·1	21·1	21·1	21·1	20·7	20·7	25·8	20·1
29	23·3	23·1	21·3	21·2	20·0	20·0	19·0	18·9	18·0	18·0	16·3	16·3	15·7	15·7	15·2	15·3	15·8	15·9	16·1	16·1	17·0	17·0	17·2	17·2	23·3	11·8
30	12·3	12·3	12·5	12·5	13·3	13·2	13·7	13·7	14·5	14·5	14·2	14·2	14·7	14·7	15·0	15·0	16·2	16·2	15·5	15·5	15·8	15·8	17·3	17·3	20·1	12·3
31	20·0	20·0	19·9	19·9	19·7	19·7	18·7	18·7	18·7	18·6	18·2	18·0	19·6	18·8	20·9	19·6	22·0	20·5	22·2	21·1	23·0	20·9	22·0	20·5	23·0	18·2
MEAN	19·3	19·1	19·2	19·0	19·2	18·9	19·3	19·0	19·3	19·0	19·3	18·9	19·1	18·9	19·7	19·2	20·1	19·7	20·4	20·0	20·9	20·4	21·3	20·7	23·6	16·4

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	36·3	36·3	37·0	37·0	39·1	39·0	40·0	40·0	39·0	39·0	38·8	38·8	37·2	37·2	36·9	37·0	36·8	36·8	36·1	36·1	35·9	35·9	31·1	31·1	35·8	35·8
2	23·0	23·0	21·8	22·0	20·8	21·0	19·8	20·2	19·0	19·2	19·1	19·5	20·0	20·0	19·4	19·5	19·9	19·8	18·4	18·3	18·9	18·8	18·9	18·8	22·0	22·1
3	20·9	20·9	21·1	21·1	20·3	20·3	20·3	20·3	20·1	20·1	20·2	20·2	20·9	20·9	20·6	20·6	21·2	21·2	22·2	22·2	23·2	23·2	24·2	24·2	19·6	19·7
4	32·7	32·7	32·3	32·3	32·2	32·2	29·0	29·0	26·6	26·8	25·2	25·6	25·8	25·8	25·3	25·3	23·9	23·9	24·6	24·5	24·3	24·2	24·4	24·4	29·0	29·0
5	27·6	27·6	28·0	28·0	28·1	28·1	27·7	27·7	27·4	27·4	27·6	27·6	28·0	28·0	29·2	29·2	29·8	29·8	28·9	28·9	28·5	28·5	27·7	27·7	27·1	27·1
6	17·5	17·5	17·6	17·6	17·4	17·5	16·5	16·6	16·0	16·0	15·5	15·5	15·5	15·5	15·0	15·0	15·2	15·2	15·6	15·6	14·2	14·2	14·6	14·6	18·8	18·8
7	14·6	12·8	14·3	13·2	10·3	11·0	9·4	9·9	8·0	8·6	8·0	7·5	8·9	7·2	9·0	8·2	9·3	8·7	8·7	8·2	8·6	8·0	8·8	8·8	11·8	11·1
8	9·6	10·1	10·3	10·9	9·3	10·0	8·2	8·9	8·2	8·7	7·0	7·3	6·4	7·0	5·7	5·8	5·9	5·8	8·0	5·7	5·6	5·3	6·2	5·7	8·0	8·1
9	12·3	9·7	11·8	10·0	11·9	10·3	12·9	11·0	11·4	11·4	10·5	10·8	10·2	10·9	10·7	11·0	9·2	9·1	10·7	8·8	9·1	9·3	10·1	9·8	9·8	8·5
10	13·5	13·5	13·2	13·2	13·0	13·1	12·8	12·9	11·9	11·9	10·1	10·3	11·0	10·0	11·2	9·1	11·5	9·4	11·3	9·2	11·2	9·0	10·2	9·3	11·2	10·8
11	15·7	14·0	15·6	13·2	18·7	16·0	13·7	11·2	15·2	14·0	11·7	11·1	12·2	10·0	11·3	11·0	11·2	10·4	12·1	11·7	12·2	12·1	12·1	12·1	13·0	12·1
12	18·5	16·9	20·6	18·8	19·3	18·2	18·0	17·2	18·2	17·9	16·8	16·4	16·0	15·9	17·0	16·0	17·1	15·7	18·0	14·8	19·8	15·0	17·3	15·0	15·9	14·6
13	21·1	19·6	21·0	19·8	21·0	20·0	20·3	19·2	19·4	18·2	19·0	17·1	18·2	17·2	17·9	17·0	17·4	17·0	17·1	16·9	17·0	17·0	16·2	16·7	17·9	17·0
14	19·6	18·2	20·2	19·2	19·8	18·8	20·0	19·1	18·9	18·9	18·4	18·1	18·1	18·1	18·9	18·9	18·2	18·2	19·4	19·4	18·9	18·8	19·2	19·2	17·8	17·3
15	20·2	20·2	20·2	20·2	20·8	20·8	20·5	20·5	20·9	20·9	21·4	21·4	22·1	22·1	22·3	22·3	22·6	22·6	22·6	22·6	22·8	22·8	23·0	23·0	20·9	20·9
16	21·0	21·0	21·1	21·1	20·8	20·8	20·3	20·3	20·1	20·1	20·0	20·0	20·0	20·0	19·2	19·2	19·1	19·1	19·9	19·9	20·8	20·8	20·6	20·6	21·2	21·2
17	27·7	27·7	29·0	28·9	27·8	27·8	26·9	26·8	27·1	27·1	27·7	27·7	27·6	27·6	27·7	27·7	27·2	27·2	28·7	28·7	28·5	28·5	28·2	28·2	25·0	25·0
18	27·9	27·0	28·3	27·1	28·0	23·3	25·3	22·6	22·1	22·0	22·1	22·1	25·4	23·1	22·9	22·7	23·1	23·1	21·9	21·9	19·3	19·6	18·8	18·0	26·4	24·9
19	20·2	18·3	19·9	19·0	20·9	19·2	20·1	20·1	19·7	20·0	19·1	19·5	19·5	19·7	21·5	21·5	22·5	22·6	23·0	23·0	23·1	23·1	23·2	23·2	20·8	19·4
20	22·5	22·8	21·9	21·9	22·1	22·1	21·0	21·0	20·2	20·2	19·5	19·5	18·7	18·9	18·8	18·8	18·2	18·3	18·4	18·4	19·1	19·1	19·3	19·3	20·6	20·6
21	25·8	25·8	26·3	26·3	26·5	26·7	26·3	26·3	26·8	26·8	26·0	26·0	25·1	25·1	24·1	24·2	23·6	23·7	22·8	22·8	22·2	22·2	21·2	21·2	23·2	23·2
22	25·2	25·2	24·1	24·1	23·1	23·1	22·4	22·8	21·9	21·9	21·5	21·5	21·3	21·3	21·3	21·3	21·2	21·2	21·4	21·4	20·6	20·9	20·4	20·4	21·7	21·7
23	26·0	26·2	25·4	25·9	25·1	25·2	24·2	24·2	23·1	23·1	22·9	22·9	22·9	22·9	22·5	22·8	23·1	23·1	22·2	22·2	21·7	21·8	20·4	20·5	23·5	23·5
24	24·3	24·9	24·4	24·9	24·9	25·1	25·3	25·4	25·1	25·1	25·1	25·1	25·0	25·0	24·9	24·9	24·9	24·9	24·6	24·6	24·5	24·5	25·1	25·1	22·9	23·0
25	23·9	23·9	22·2	22·6	20·1	20·3	19·1	19·1	19·0	19·0	19·2	19·2	19·4	19·4	19·0	19·1	18·1	18·1	18·1	18·1	17·5	17·7	17·2	17·2	21·2	21·2
26	20·5	20·5	20·6	20·8	18·2	18·4	17·6	17·8	17·5	17·5	16·7	16·7	16·6	16·8	16·3	16·3	16·0	16·0	15·9	15·9	16·0	16·0	16·9	16·9	17·6	17·6
27	22·8	22·8	23·1	23·2	24·1	24·3	24·1	24·1	23·9	23·9	23·1	23·1	23·1	23·1	22·4	22·4	22·2	22·2	22·2	22·2	21·2	21·3	22·0	22·0	20·6	20·7
28	21·5	21·5	22·7	22·7	23 0	23·0	23·8	23·7	24·8	24·8	25·6	25·6	25·5	25·5	25·8	25·7	24·8	24·7	23·0	22·9	23·3	23·2	23·3	23·2	22·3	22·3
29	17·1	17·1	16·0	16·1	15·2	15·3	14·9	15·1	13·2	13·3	12·4	12·5	12·6	12·7	13·0	13·0	11·8	11·8	11·9	11·9	12·4	12·6	12·3	12·3	15·7	15·8
30	18·2	18·6	18·8	19·0	19·2	19·3	19·7	19·6	18·0	18·2	17·1	17·5	18·2	18·2	16·4	16·7	16·9	16·9	19·0	19·0	20·0	20·0	20·1	20·1	16·5	16·6
31	22·0	22·2	22·9	22·2	22·8	22·5	23·0	22·2	21·9	20·9	21·2	20·0	20·9	20·0	20·9	20·6	20·1	20·1	20·2	20·2	19·9	19·9	20·1	20·1	20·9	20·3
MEAN	21·6	21·2	21·7	21·4	21·4	21·1	20·7	20·5	20·1	20·1	19·6	19·6	19·8	19·5	19·6	19·4	19·4	19·2	19·6	19·2	19·4	19·1	19·1	19·0	20·0	19·7

TEMPERATURE. DRY AND WET BULBS. MARCH 1891.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	46·6	44·1	46·3	44·9	46·0	45·0	45·9	45·3	46·3	46·1	45·6	45·3	47·5	47·2	48·9	48·1	47·9	47·0	48·8	47·9	50·3	49·0	50·8	49·2	53·9	45·6
2	47·1	42·1	46·0	41·5	45·2	41·3	44·1	39·7	44·0	38·8	42·3	38·2	42·4	38·4	43·0	38·5	43·4	38·4	42·7	38·3	40·1	37·2	41 0	37·9	48·1	37·3
3	37·3	33·9	38·4	34·7	36·9	33·9	37·5	33·6	37·8	33·7	36·9	33·4	36·1	33·0	37·3	32·9	38·6	33·9	39·2	34·8	39·1	35·1	40·9	36·0	42·0	35·3
4	39·9	38·3	41·1	39·8	42·9	41·3	47·0	45·1	48·7	46·2	49·2	45·9	49·4	45·7	48·9	45·9	49·1	46·1	49·3	46·5	49·3	46·8	49·9	47·1	51·8	38·4
5	41·4	39·3	44·0	40·1	44·1	40·7	43·8	40·4	44·3	40·9	43·7	40·4	43·5	40·8	42·4	40·2	42·8	40·8	43·8	41·3	44·1	41·6	44·6	41·8	46·1	41·4
6	43·9	41·0	43·2	40·3	41·9	39·1	41·1	37·9	39·3	36·8	40·2	36·7	38·0	35·7	38·3	36·0	38·8	35·7	37·7	34·1	39·5	34·0	39·4	33·4	44·8	32·3
7	33·7	32·1	31·1	30·6	31·1	29·4	31·9	30·1	32·0	30·0	30·0	28·0	30·0	27·9	29·3	26·8	29·0	26·1	30·7	27·1	31·2	27·7	32·0	27·8	33·8	21·3
8	21·0	19·5	20·7	19·3	20·3	19·0	21·7	20·6	22·4	21·6	23·3	22·7	23·9	23·2	24·7	23·8	27·0	25·9	29·0	25·9	30·5	27·3	31·2	[27·5]	32·9	20·0
9	21·0	19·4	20·4	18·5	20·8	19·3	20·2	19·2	19·2	18·3	19·2	18·4	19·8	18·8	19·6	18·9	22·2	21·3	24·4	22·6	27·9	25·4	31·0	26·7	36·2	18·8
10	23·1	21·6	22·9	21·4	22·9	21·6	20·8	19·8	21·2	19·6	19·9	18·6	19·9	18·8	20·2	18·9	24·1	22·3	28·1	26·2	32·0	28·8	33·8	29·9	36·0	19·2
11	24·8	23·0	25·3	23·3	25·7	23·7	23·7	22·4	27·6	25·9	24·0	22·9	26·7	25·5	27·0	26·2	31·2	30·0	31·7	28·8	33·2	[28·5]	34·0	29·5	37·0	23·5
12	24·6	22·3	23·3	21·1	22·1	20·3	20·2	18·8	21·3	19·9	19·5	18·3	19·3	18·3	19·5	18·5	24·1	21·9	27·8	24·9	30·6	27·5	33·9	30·4	41·6	19·0
13	26·8	25·0	25·0	23·4	25·0	23·3	24·0	22·5	22·9	21·6	23·5	22·3	23·8	22·5	23·1	22·1	26·3	24·2	29·0	27·0	31·9	28·5	36·3	32·0	42·3	22·8
14	36·1	31·2	34·3	[31·0]	35·6	[31·5]	33·9	[31·0]	32·2	[30·5]	33·6	[30·5]	35·2	[30·5]	36·5	[31·0]	37·4	[31·0]	38·1	32·3	39·2	[33·5]	40·8	34·9	43·2	32·4
15	39·8	34·9	39·2	34·7	39·0	34·4	39·1	34·4	38·7	34·4	38·9	35·0	38·9	35·1	38·5	35·2	38·3	35·3	38·7	35·5	38·8	35·8	39·1	36·0	41·7	38·0
16	39·3	36·8	40·2	36·5	40·0	36·3	39·8	36·7	39·9	36·2	39·4	35·9	39·0	35·6	38·7	35·2	39·0	35·2	40·4	36·1	41·3	36·6	40·9	37·1	42·2	38·2
17	39·2	35·5	38·8	36·3	39·6	35·3	38·5	35·2	38·9	35·5	38·6	35·0	39·2	35·4	39·2	35·7	38·8	36·0	38·3	36·1	40·8	37·2	42·7	38·4	43·6	38·0
18	38·2	35·8	37·8	35·0	36·9	34·9	36·3	34·1	35·8	33·8	35·5	33·4	33·9	32·2	34·4	32·9	37·9	35·2	38·7	36·2	40·0	36·9	42·6	38·4	44·3	33·7
19	37·2	34·8	36·4	33·6	36·0	33·3	35·4	32·6	34·2	31·2	33·0	30·5	32·8	30·3	33·3	31·0	37·1	33·9	39·5	34·4	40·4	35·1	40·4	35·0	44·6	32·8
20	41·0	38·5	41·1	38·9	40·9	38·8	39·3	38·0	39·4	35·9	40·6	35·3	39·1	35·2	39·5	36·0	40·9	37·5	42·6	37·8	44·3	38·0	44·4	38·1	45·1	33·0
21	31·9	29·6	31·5	29·3	32·3	30·2	32·9	30·3	32·9	31·0	33·6	32·0	34·5	32·5	36·3	33·9	39·0	35·9	40·3	37·3	43·5	39·8	45·9	42·0	49·0	31·2
22	36·4	33·9	35·2	32·9	34·8	32·5	35·0	32·4	34·2	32·1	34·6	32·0	34·3	32·1	34·2	31·7	36·4	33·5	38·2	35·0	39·4	36·0	41·7	37·1	43·8	33·9
23	39·8	37·2	39·5	36·0	39·7	36·8	39·7	36·2	28·9	36·6	39·3	37·6	38·3	37·2	39·2	38·4	40·8	40·0	42·7	41·3	41·2	40·0	44·0	41·8	44·5	36·4
24	36·8	35·0	37·3	35·5	34·9	33·8	36·3	34·9	36·9	34·3	35·6	34·4	34·6	33·9	37·1	35·7	39·9	38·0	40·4	38·3	41·5	39·2	40·1	38·5	41·9	34·5
25	42·0	38·9	40·6	38·4	40·8	38·3	40·8	37·6	41·0	37·1	39·0	37·2	39·8	37·2	39·8	37·3	41·1	38·4	40·3	37·8	38·6	37·4	39·0	38·0	42·2	34·0
26	37·9	34·5	35·0	33·8	35·4	32·3	35·2	33·4	35·3	33·3	35·5	32·9	33·6	31·6	34·2	33·1	36·0	33·9	38·2	35·0	40·1	36·2	41·7	36·9	41·8	32·6
27	35·3	32·6	36·0	32·5	36·0	32·6	36·6	32·7	36·7	33·5	36·8	33·8	36·8	34·5	38·0	35·6	38·1	36·0	39·2	36·2	39·1	36·9	39·1	37·7	43·3	33·7
28	41·2	36·0	40·3	36·0	41·0	36·2	39·4	36·1	38·7	35·6	38·1	35·4	39·5	35·8	41·3	36·1	40·4	36·9	42·0	37·1	41·8	37·4	41·1	37·7	43·7	37·7
29	40·9	38·3	40·3	36·1	39·5	35·9	37·7	35·2	37·3	33·9	37·9	32·8	37·8	32·4	37·9	32·7	37·7	33·6	37·7	34·0	38·6	34·7	39·7	34·5	41·9	30·8
30	30·9	29·8	31·5	29·5	31·2	29·3	32·3	30·8	32·0	30·1	31·5	29·9	31·0	29·9	32·1	30·3	35·6	32·3	36·8	32·7	38·8	34·5	40·1	35·1	41·7	30·3
31	31·9	30·0	31·8	30·0	30·7	29·0	29·9	28·1	29·7	28·0	29·2	27·6	29·3	28·5	32·1	30·4	35·0	32·2	37·0	34·0	40·5	37·0	43·2	37·1	48·1	28·3
MEAN	35·7	33·1	35·3	32·7	35·1	32·6	34·8	32·4	34·8	32·3	34·5	32·0	34·4	32·1	35·0	32·5	36·6	33·8	37·8	34·6	39·0	35·5	40·2	36·2	43·0	31·8

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	50·4	48·9	50·8	49·6	52·4	51·3	53·0	51·8	53·0	51·4	50·6	49·6	52·2	50·0	51·3	49·8	51·2	49·7	50·9	49·1	50·3	49·0	47·7	45·9	49·4	48·1
2	42·8	38·7	42·5	38·1	41·9	37·1	41·3	36·1	41·7	35·8	38·9	35·0	39·4	35·5	39·2	35·2	39·2	35·4	38·8	34·2	37·6	34·7	38·4	34·9	41·8	37·5
3	41·0	36·8	38·0	36·4	40·9	36·5	41·2	36·2	40·5	36·1	40·7	36·0	40·0	36·3	40·2	36·3	40·6	36·8	39·0	36·9	38·5	37·1	38·4	37·1	39·0	35·3
4	51·0	47·3	50·8	46·8	50·7	46·2	48·0	43·7	47·4	41·4	46·8	40·4	45·0	40·4	45·1	40·0	44·1	39·3	43·0	39·8	44·9	39·8	42·5	39·9	46·8	43·3
5	44·3	42·0	44·8	42·2	44·9	42·4	44·1	41·9	44·2	41·5	43·8	41·9	43·9	42·1	44·5	42·9	45·7	43·2	44·7	42·3	44·6	41·8	44·2	41·4	44·0	41·4
6	39·9	34·1	40·7	34·2	36·9	34·5	37·0	33·3	35·8	32·8	37·0	32·5	34·8	31·5	34·9	31·4	35·0	32·1	34·1	32·3	32·9	32·0	32·3	31·9	38·0	34·7
7	32·2	28·0	32·9	28·5	33·3	28·9	33·0	[24·0]	32·1	[23·0]	29·1	25·5	27·3	24·3	25·9	23·9	24·6	23·0	23·3	21·1	22·4	20·7	21·3	19·6	29·6	26·4
8	31·3	[27·5]	31·9	[27·4]	32·3	[28·0]	32·0	[27·5]	31·7	27·1	28·9	26·6	26·0	23·2	25·6	22 9	24·2	22·6	24·0	22·8	23·0	21·0	22·3	20·2	26·2	23·9
9	31·9	27·3	34·2	28·5	35·2	29·0	36·1	30·3	35·3	29·8	32·1	28·1	32·0	28·3	29·3	26·6	28·3	35·4	30·3	27·1	26·7	24·1	25·7	23·1	26·8	23·9
10	34·1	30·6	35·0	30·6	35·8	32·1	34·5	29·7	33·9	29·0	31·9	28·2	30·1	27·0	30·2	27·2	28·5	25·8	28·3	25·8	25·8	23·4	26·3	24·2	27·6	25·0
11	35·3	30·0	36·0	29·5	37·0	30·1	36·9	29·9	35·5	32·8	32·8	28·0	30·7	28·2	28·4	25·3	26·5	23·8	25·9	23·4	25·6	23·2	25·3	23·0	29·6	26·5
12	38·4	32·2	39·6	33·2	41·0	34·3	41·3	34·9	40·2	34·2	37·0	32·2	33·2	30·0	31·7	28·7	31·8	28·8	30·0	27·5	29·8	27·0	28·0	26·2	29·5	26·3
13	39·5	33·8	40·3	34·8	41·8	35·4	42·1	36·0	41·1	34·7	39·0	33·2	37·8	32·1	35·2	[31·0]	36·2	31·2	33·6	30·0	34·2	30·0	34·1	30·1	32·2	29·6
14	41·5	34·4	41·6	34·9	43·0	35·4	41·9	35·7	39·8	33·8	39·4	33·3	38·1	32·7	35·9	32·0	37·4	32·7	38·3	33·3	38·6	33·9	39·9	35·0	37·8	32·8
15	39·5	36·2	39·2	36·1	39·0	35·9	38·7	35·6	39·0	36·1	38·8	36·1	39·4	36·6	39·1	36·8	39·0	37·0	40·2	37·1	41·3	37·4	39·8	37·2	39·2	35·8
16	41·9	37·1	41·2	36·8	41·0	36·8	40·9	36·0	40·0	35·3	39·8	34·9	38·9	35·1	39·1	34·5	39·2	34·7	39·0	34·7	39·0	36·0	39·1	35·3	39·9	35·9
17	43·1	38·9	43·2	39·2	43·4	39·2	42·9	39·3	43·1	39·0	42·6	38·7	41·6	38·5	41·1	37·5	41·1	37·3	40·1	36·9	39·8	36·9	38·9	36·4	40·6	37·1
18	43·0	39·1	43·4	39·3	43·8	39·8	44·1	38·9	43·8	38·9	43·0	38·8	39·6	37·0	39·8	37·1	40·0	36 9	38·9	37·2	37·3	35·0	37·3	34·7	39·3	36·3
19	41·7	36·1	42·1	36·9	42·1	36·9	44·3	38·7	44·2	38·5	42·0	37·5	41·1	36·3	40·9	37·0	41·0	38·0	41·1	38·8	41·0	38·7	41·7	38·9	39·1	35·3
20	43·1	38·4	41·6	37·9	43·9	39·0	45·0	38·8	43·3	37·2	41·2	36·0	39·2	34·8	38·1	33·5	36·2	32·9	36·0	32·3	34·9	31·8	33·0	30·5	40·4	36·3
21	46·9	42·2	46·7	42·3	47·0	42·2	48·7	43·7	45·0	41·9	42·0	39·9	40·9	38·8	40·5	38·2	39·5	37·0	38·6	36·3	38·7	36·0	38·1	45·3	39·5	36·6
22	42·8	38·2	43·7	39·8	43·0	39·1	42·7	38·8	42·5	38·7	42·2	38·5	41·0	38·1	40·4	37·8	40·0	37·7	39·8	37·6	40·0	37·4	39·9	37·4	38·9	35·8
23	44·4	41·9	43·6	40·8	43·3	41·0	43·2	40·7	40·7	39·1	41·1	38·6	40·8	38·7	40·3	38·0	39·1	37·8	40·0	37·7	37·7	36·0	38·4	36·0	40·7	38·6
24	40·3	38·8	39·2	38·0	40·9	39·6	41·0	39·9	41·2	40·0	41·2	40·0	41·0	39·3	40·8	39·6	40·2	39·0	40·2	38·6	40·0	38·9	41·5	39·6	39·1	37·6
25	36·8	35·9	38·2	36·9	37·0	35·9	39·2	35·7	38·3	35·5	36·1	35·0	37·8	35·0	37·2	34·8	36·4	34·1	35·8	33·8	34·3	33·3	37·5	33·9	38·6	36·4
26	38·3	35·9	39·7	36·0	40·5	35·1	40·9	35·8	38·0	35·4	38·1	34·3	36·9	33·7	35·9	33·1	35·0	32·0	33·7	31·9	33·2	31·8	33·7	32·2	36·8	33·9
27	41·4	38·9	40·5	38·7	41·7	39·4	42·1	39·9	43·1	39·4	41·5	39·0	39·8	37·1	40·0	37·2	40·7	37·9	38·9	36·6	39·0	36·4	38·2	36·1	38·9	36·3
28	42·9	38·1	41·1	38·0	42·8	39·2	41·4	39·2	42·2	39·7	42·3	40·0	42·2	40·4	43·3	40·2	42·6	39·9	41·6	38·9	42·8	38·9	41·7	38·3	41·3	37·8
29	39·0	34·1	38·1	33·6	37·7	33·3	37·0	32·4	38·0	32·4	36·2	32·0	34·8	30·3	34·2	30·2	33·4	30·1	34·5	30·0	32·7	30·4	30·8	29·8	37·1	33·0
30	40·1	35·0	40·9	35·2	41·0	35·2	41·1	35·2	40·3	35·1	40·4	35·0	37·0	33·1	34·6	31·7	33·9	30·9	32·9	30·4	31·7	29·5	31·5	29·9	35·4	32·1
31	44·8	38·6	45·0	38·7	45·5	38·8	48·0	40·8	47·8	40·7	45·9	38·5	41·7	35·7	38·2	34·2	38·0	34·0	36·2	32·8	35·8	32·4	35·2	32·2	37·6	33·7
MEAN	40·8	36·6	40·9	36·7	41·3	37·0	41·4	36·8	40·7	36·3	39·4	35·6	38·2	34·8	37·4	34·9	37·1	34·1	36·5	33·8	35·9	33·4	35·6	33·1	37·4	34·3

TEMPERATURE. DRY AND WET BULBS. APRIL 1891.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	19·8	19·8	19·0	19·0	19·2	19·2	18·5	18·5	17·8	17·8	17·0	17·0	17·3	17·3	17·9	17·9	18·0	18·1	20·0	20·0	21·4	21·4	20·5	20·5	21·7	17·0
2	21·3	21·3	20·0	20·0	20·2	20·2	21·8	21·8	20·6	20·6	20·5	20·5	20·7	20·7	21·0	21·0	21·1	21·1	21·1	21·1	20·9	20·9	20·5	20·5	21·8	17·2
3	16·8	16·8	16·8	16·8	16·8	16·8	17·2	17·2	16·9	16·9	16·3	16·3	16·7	16·7	16·7	16·7	16·9	16·9	17·4	17·4	16·9	16·9	17·2	17·2	21·6	16·3
4	22·3	22·3	23·0	23·0	23·6	23·6	24·1	24·1	23·7	23·7	24·2	24·2	24·3	24·3	24·6	24·6	24·7	24·7	24·2	24·2	24·7	24·7	25·0	2·50	25·0	22·3
5	23·0	23·0	22·8	22·8	22·5	22·5	22·4	22·4	22·8	22·8	23·2	23·2	23·5	23·5	23·4	23·4	23·8	23·8	23·8	23·8	24·0	24·0	24·6	24·6	24·6	22·2
6	23·3	23·3	23·4	23·4	23·5	23·5	23·5	23·5	23·4	23·4	23·3	23·3	23·1	23·1	23·2	23·2	24·0	24·0	24·0	24·0	23·5	23·5	23·7	23·7	24·0	18·4
7	17·9	17·9	17·4	17·4	17·0	17·0	16·6	16·7	16·0	16·1	15·8	15·8	16·0	16·0	16·9	16·9	17·4	17·6	17·5	17·9	18·9	18·9	19·0	19·0	21·1	**15·8**
8	16·9	16·8	17·2	17·2	18·0	18·0	17·8	17·8	17·4	17·2	18·8	18·5	19·4	17·5	21·1	19·0	20·4	18·7	21·4	20·0	23·0	21·1	22·9	22·8	27·2	16·9
9	25·9	23·0	25·4	24·0	25·6	24·3	27·0	24·8	28·4	26·9	29·8	27·0	31·0	28·0	31·3	28·1	31·7	27·9	33·0	28·5	32·5	29·2	32·8	28·0	**35·9**	25·4
10	28·8	24·1	29·2	24·2	30·3	25·2	22·2	22·2	25·1	23·2	24·0	23·0	22·8	22·8	23·1	23·1	25·2	25·2	26·3	26·3	27·0	27·0	27·9	27·9	30·3	22·2
11	24·2	24·2	23·8	23·8	24·0	23·9	23·4	23·4	22·2	22·2	21·9	21·9	21·8	21·8	22·2	22·2	23·0	23·0	25·5	25·5	25·0	25·0	25·3	25·6	28·0	21·8
12	22·3	22·2	22·1	22·1	21·9	21·9	22·2	22·2	21·7	21·7	21·0	21·0	21·3	21·2	21·0	21·2	21·8	21·8	22·0	22·0	22·7	22·3	22·2	22·3	23·8	21·0
13	22·8	22·8	22·9	22·9	22·7	22·5	22·1	22·1	22·0	22·0	21·7	21·7	22·0	22·0	22·7	22·7	23·1	23·1	23·8	23·8	23·8	23·8	26·0	26·0	26·7	21·7
14	24·1	24·1	24·7	24·3	24·4	24·2	24·8	24·6	24·6	24·4	24·0	24·0	24·9	24·9	26·8	26·4	28·1	27·9	29·8	29·8	32·2	31·4	28·9	28·9	32·5	23·9
15	23·2	23·2	23·3	23·2	24·1	23·8	25·6	25·4	26·2	26·0	27·0	27·0	26·8	26·8	26·1	26·1	26·8	26·8	27·0	27·0	27·0	27·0	27·0	27·0	29·2	23·2
16	26·2	26·1	26·9	26·7	28·0	27·8	28·3	28·1	27·4	27·4	28·0	28·0	25·9	25·9	24·8	24·8	25·3	25·3	24·2	24·2	24·2	24·2	25·8	25·8	28·3	21·7
17	21·4	21·3	21·1	21·1	20·9	20·9	21·5	21·1	22·0	21·2	22·9	22·1	24·3	22·2	25·3	22·6	26·3	23·6	26·9	23·1	26·9	24·7	31·8	29·9	31·8	20·9
18	24·2	24·1	24·0	23·2	23·9	23·1	24·2	23·4	23·3	23·0	24·1	24·0	24·6	23·7	26·0	24·2	26·9	24·3	26·6	25·8	27·1	26·5	29·6	28·0	31·0	23·3
19	23·3	23·1	24·0	24·1	22·5	22·9	22·2	22·2	22·2	22·1	24·1	23·7	25·1	24·5	25·1	24·1	26·3	24·1	25·2	25·4	26·1	25·1	27·1	26·0	28·3	22·2
20	23·0	22·1	23·1	21·8	23·1	21·5	24·2	22·3	24·6	22·1	25·3	22·7	28·0	24·9	28·8	25·0	30·1	26·9	30·0	27·8	30·1	28·1	28·5	26·6	30·1	23·0
21	25·1	25·1	24·1	24·0	23·1	23·1	23·0	22·1	23·1	23·1	23·6	23·0	23·0	22·9	24·0	22·3	24·3	24·5	26·1	26·1	27·1	26·8	25·3	25·4	27·1	22·1
22	22·1	22·1	22·2	22·2	21·5	21·5	21·2	21·2	21·2	20·8	20·6	21·0	21·8	21·6	22·1	21·7	22·2	21·7	22·9	22·9	25·2	24·5	26·1	25·1	26·7	20·6
23	22·1	22·1	21·4	21·1	22·4	22·3	23·1	21·4	24·1	21·1	24·8	21·9	25·2	22·3	24·0	22·7	27·0	23·9	25·3	24·2	27·0	26·0	27·0	25·9	29·4	21·2
24	21·0	21·0	21·3	21·3	20·6	20·6	20·5	20·6	20·5	20·6	20·6	20·7	21·0	21·0	20·3	20·4	21·1	21·0	22·8	23·1	22·8	23·1	26·1	26·1	27·2	20·3
25	23·1	23·0	23·0	22·4	22·1	22·1	22·2	22·1	22·0	21·9	21·8	21·7	22·7	22·4	23·7	23·1	25·1	24·4	26·7	26·0	29·4	27·9	28·8	27·2	29·9	21·8
26	21·2	21·3	21·1	21·1	21·2	21·2	21·1	21·1	19·7	19·9	20·5	20·5	21·6	21·8	22·0	22·2	22·9	23·1	24·8	24·3	24·6	24·9	25·5	25·7	27·8	19·7
27	25·3	25·3	25·3	25·3	25·1	25·1	24·3	24·3	23·3	23·3	24·5	24·5	25·2	25·2	26·0	26·0	26·2	26·8	27·2	27·6	28·0	28·3	27·2	27·2	28·0	23·3
28	26·1	26·1	25·2	25·2	23·2	23·2	21·8	21·9	21·7	21·7	21·3	21·3	21·0	20·9	20·4	20·9	21·5	21·9	21·8	22·1	21·1	21·4	22·0	22·4	26·1	17·7
29	17·9	17·9	18·1	18·1	18·2	18·2	18·5	18·5	18·9	18·9	19·7	19·7	20·8	20·8	20·0	20·0	22·4	22·4	22·9	22·9	23·7	23·7	25·0	25·0	28·7	17·9
30	27·5	27·5	28·9	28·8	28·8	28·8	28·6	28·6	29·1	29·1	29·6	29·6	30·3	30·3	30·5	30·5	30·3	30·3	30·5	30·5	32·0	32·0	31·0	31·0	32·2	27·5
MEAN	22·7	22·4	22·7	22·4	22·6	22·3	22·5	22·2	22·4	22·0	22·7	22·3	23·1	22·6	23·4	22·8	24·1	23·5	24·7	24·2	25·3	24·8	25·7	25·2	27·5	21·0

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	20·2	20·2	21·2	21·2	21·6	21·6	21·7	21·2	21·0	20·7	21·0	21·0	20·9	20·9	20·0	20·0	20·1	20·1	20·2	20·2	20·0	20·0	21·0	21·0	19·8	19·8
2	20·8	20·8	21·1	21·0	22·0	22·0	20·8	20·8	20·3	20·3	19·8	19·8	19·7	19·7	19·2	19·2	18·8	18·8	18·2	18·2	17·7	17·7	17·2	17·2	20·2	20·2
3	17·5	17·5	17·8	17·8	17·4	17·4	17·2	17·2	17·7	17·7	17·8	17·8	17·8	17·8	18·2	18·2	18·7	18·7	18·8	18·8	19·8	19·8	21·6	21·6	17·6	17·6
4	25·0	25·0	24·0	24·0	24·8	24·8	24·8	24·8	24·2	24·2	23·8	23·8	23·7	23·7	23·8	23·8	23·0	23·0	23·8	23·8	23·4	23·4	23·2	23·2	24·0	24·0
5	24·0	24·0	23·9	23·9	23·7	23·8	23·2	23·2	22·8	22·8	22·7	22·7	22·2	22·2	22·2	22·2	22·3	22·3	22·9	22·9	23·2	23·2	23·2	23·2	23·2	23·2
6	23·2	23·2	23·2	23·4	23·1	23·3	22·4	22·7	21·1	21·1	20·9	20·9	20·2	20·2	20·0	20·0	19·6	19·6	19·0	19·0	18·8	18·8	18·4	18·4	22·2	22·2
7	18·8	18·6	20·1	20·0	20·2	20·0	21·1	20·8	21·0	20·8	19·8	19·2	18·8	18·6	17·8	17·3	18·0	17·7	17·7	17·0	17·0	16·3	16·0	15·8	18·0	17·9
8	24·0	23·3	25·8	25·0	26·9	26·2	24·8	24·4	20·0	19·8	24·7	23·8	18·9	18·0	26·0	23·1	25·8	22·7	27·2	22·8	26·4	22·2	25·4	22·0	22·1	20·7
9	34·8	29·0	35·7	29·1	35·9	29·8	35·2	29·7	32·4	27·2	31·0	26·2	30·1	25·1	31·2	24·7	31·9	26·3	31·9	28·2	31·0	25·0	29·2	23·8	31·0	26·8
10	28·1	28·1	28·2	28·2	28·4	28·4	28·1	28·0	28·0	28·0	27·7	27·7	27·0	27·0	26·8	26·8	26·2	26·2	25·9	25·9	25·4	25·2	24·8	24·8	26·4	25·8
11	26·4	25·8	28·0	26·8	27·8	27·0	26·3	26·0	25·8	25·0	25·0	24·8	24·1	24·1	24·5	24·5	24·7	24·7	23·3	23·3	22·9	22·8	22·3	22·3	24·3	24·2
12	22·8	22·8	23·0	23·0	23·0	23·0	23·0	23·0	23·0	23·0	22·8	22·8	22·6	22·6	22·7	22·7	23·1	23·1	23·8	23·8	23·8	23·8	23·3	23·3	22·5	22·4
13	25·3	25·3	25·3	25·3	26·7	26·7	25·7	25·7	25·7	25·1	24·8	24·8	24·4	24·4	24·7	24·7	24·8	24·8	24·8	24·7	24·6	24·6	24·4	24·2	24·0	24·0
14	32·5	31·2	31·7	29·4	28·0	27·8	27·9	27·3	27·5	27·5	27·3	27·3	26·7	26·7	26·4	26·4	25·5	25·5	24·9	24·9	24·2	24·1	23·9	23·8	26·8	26·5
15	29·2	29·2	24·7	24·7	26·1	26·0	26·0	26·0	25·7	25·7	25·1	25·1	24·4	24·4	24·4	24·4	24·9	24·7	24·8	24·6	25·2	25·1	25·1	25·0	25·7	25·6
16	26·1	26·1	26·4	26·4	25·8	25·7	25·6	25·4	25·9	25·9	25·0	25·0	24·3	24·3	23·8	23·8	22·8	22·8	22·7	22·5	22·1	22·1	21·7	21·8	25·3	25·3
17	30·9	28·9	28·9	27·9	28·3	26·9	27·8	25·8	27·8	25·7	28·2	26·3	27·2	25·3	26·1	26·2	25·4	25·0	24·4	23·9	24·7	24·2	24·0	23·9	25·6	24·2
18	30·0	28·0	28·0	26·4	28·3	26·9	31·0	29·0	29·0	27·0	27·3	25·4	27·3	25·1	26·2	24·9	26·3	24·9	26·3	24·3	25·5	24·3	24·5	24·3	26·0	25·2
19	28·0	26·5	28·3	26·4	28·0	25·9	27·8	26·0	27·4	26·1	26·9	26·1	26·3	25·1	25·9	24·8	25·2	24·2	24·5	23·9	24·2	24·0	23·8	22·9	25·4	24·6
20	29·2	27·0	28·3	27·8	28·3	27·3	29·5	28·0	28·0	27·0	26·8	26·8	26·1	26·1	25·9	25·9	25·9	25·3	26·0	25·5	26·2	25·1	25·1	25·1	26·8	25·4
21	26·1	25·3	26·4	26·5	26·3	25·1	25·2	25·3	25·2	25·4	24·9	24·3	24·3	24·6	23·9	23·9	23·3	23·1	22·9	23·0	22·9	23·0	22·1	22·2	24·4	24·2
22	26·7	25·5	26·7	26·3	26·5	26·2	26·1	25·2	25·7	25·1	25·1	24·8	24·1	24·1	23·9	23·9	23·3	23·3	22·9	22·9	22·2	22·2	22·2	22·1	23·5	23·2
23	29·0	27·0	29·4	27·7	29·0	27·8	27·7	26·8	26·5	25·7	25·7	25·0	24·6	24·1	23·8	23·9	23·8	23·8	22·1	22·2	21·5	21·8	21·2	21·2	24·9	23·8
24	25·1	25·5	26·1	26·0	27·2	26·7	26·4	26·0	26·6	25·9	25·6	25·2	25·3	24·9	24·7	23·9	24·2	23·6	24·1	23·5	23·6	23·1	23·2	23·1	23·4	23·2
25	28·8	27·3	29·9	28·1	29·0	27·6	29·0	27·9	27·0	26·8	26·9	26·5	25·1	25·1	24·4	24·1	24·1	24·1	23·7	23·9	23·0	23·1	22·1	22·1	25·2	24·6
26	26·0	25·7	27·8	27·0	27·8	27·0	27·3	26·3	27·1	26·3	25·7	25·5	25·0	25·0	23·9	24·1	22·4	22·4	23·2	23·2	24·2	24·2	25·1	25·1	23·8	23·7
27	27·2	27·2	27·2	27·2	27·2	27·2	27·8	27·8	27·3	26·8	27·5	26·9	27·1	26·2	26·5	26·3	26·3	26·2	27·0	27·0	26·3	26·3	26·2	26·2	26·3	26·3
28	20·2	20·2	20·8	21·1	20·3	20·3	21·1	21·1	21·5	21·7	19·4	19·8	19·0	19·0	17·7	17·8	18·0	18·0	17·7	17·7	17·9	17·9	17·7	17·7	20·8	20·9
29	25·8	25·8	26·2	26·2	25·3	25·5	26·1	26·1	26·3	26·3	26·2	26·2	26·3	26·3	26·9	26·9	27·1	27·1	27·7	27·7	28·3	28·2	28·7	28·7	23·6	23·6
30	31·0	31·0	30·8	30·8	30·9	31·0	29·3	29·5	30·0	30·0	30·2	30·2	30·8	30·4	31·0	31·0	30·7	30·7	30·9	30·9	31·0	31·0	32·2	32·1	30·2	30·2
MEAN	26·1	25·4	26·2	25·5	26·1	25·5	25 9	25·2	25·2	24·7	24·9	24·4	24·1	23·7	24·1	23·6	23·9	23·4	23·8	23·3	23·6	23·1	23·3	22·9	24·1	23·6

TEMPERATURE. DRY AND WET BULBS. APRIL 1891.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	34·5	31·8	33·9	31·7	32·9	30·6	32·9	30·5	33·4	30·9	32·8	30·3	33·7	30·8	37·2	33·3	40·9	34·7	41·4	35·2	42·4	36·1	43·1	35·8	46·8	32·6
2	39·9	35·9	40·0	35·6	39·7	35·7	40·1	35·9	40·3	35·5	40·3	35·7	40·3	36·1	41·4	36·3	41·0	36·7	41·5	36·6	41·1	36·6	41·0	36·7	42·0	37·1
3	37·5	33·3	37·2	32·9	37·4	32·9	37·0	33·0	37·1	32·5	37·4	32·8	38·0	32·8	37·7	33·2	37·7	33·0	38·3	33·5	37·5	33·8	39·9	34·2	41·0	36·5
4	41·1	37·3	41·1	37·9	41·8	38·3	42·5	38·9	[42·7]	39·4	[42·9]	39·3	[42·6]	39·2	[44·0]	39·8	[44·2]	39·9	44·6	40·2	43·9	40·5	44·6	40·4	45·4	40·9
5	41·1	38·1	42·0	37·9	40·9	37·6	40·6	37·6	40·8	37·6	40·0	37·5	41·9	38·3	41·8	38·5	42·5	39·0	43·5	39·3	44·3	40·0	45·6	40·2	46·2	39·8
6	42·8	38·1	42·2	38·2	42·7	38·5	42·9	38·7	43·1	38·5	42·7	38·3	42·8	38·4	43·4	38·5	43·2	38·6	44·3	39·1	43·6	38·8	43·4	38·7	45·9	36·2
7	38·3	35·0	37·9	34·8	37·9	33·1	37·2	33·2	36·3	32·9	36·0	33·0	37·3	32·9	38·3	33·7	39·2	33·8	39·9	34·0	40·7	34·5	41·1	35·0	44·6	32·3
8	32·0	29·0	31·0	28·2	31·9	29·1	32·0	29·4	30·8	28·3	30·3	28·1	31·9	29·7	34·9	31·9	39·3	34·7	40·5	35·5	42·9	38·2	44·4	38·0	48·3	30·1
9	34·1	31·8	33·4	31·6	31·8	30·2	30·7	29·0	29·8	[28·7]	31·1	29·9	32·1	30·3	33·6	31·9	37·0	35·0	40·7	37·4	43·3	39·3	45·9	41·2	51·6	**29·6**
10	39·8	36·5	36·7	33·9	36·4	33·9	36·1	34·0	35·8	33·8	36·1	34·1	36·9	34·7	39·0	35·7	42·0	38·3	47·7	42·3	49·3	43·8	50·1	44·1	53·5	35·7
11	44·1	39·0	43·5	38·4	42·5	38·2	42·7	38·1	42·6	37·7	41·3	36·9	41·9	37·0	43·1	37·7	44·8	38·9	46·4	39·2	47·9	41·0	49·2	41·9	**54·2**	40·9
12	41·8	37·1	39·7	35·8	37·7	34·9	36·7	34·0	36·5	34·1	36·3	34·0	38·5	35·5	44·0	37·9	45·9	38·4	46·7	39·5	47·2	40·3	47·2	40·0	48·4	35·7
13	43·7	38·2	42·7	38·0	41·9	37·3	41·0	36·4	42·2	37·2	41·9	37·1	42·5	37·7	43·1	38·1	44·1	38·8	45·7	40·0	47·0	41·0	48·3	41·9	48·7	40·0
14	42·1	39·2	41·5	38·4	40·9	38·2	40·6	38·0	40·0	37·9	39·3	37·7	40·0	38·0	40·9	38·5	43·2	40·0	43·1	40·8	44·3	41·5	45·5	42·2	48·2	35·7
15	35·8	34·9	37·3	36·3	38·3	37·9	38·5	37·5	37·9	36·7	39·9	38·9	40·8	39·9	41·6	40·7	43·9	42·4	46·4	42·9	47·0	42·9	46·7	41·6	50·4	35·6
16	41·6	40·2	42·3	41·0	43·0	41·4	43·6	42·5	43·2	41·4	43·2	41·5	43·1	40·4	44·0	40·5	44·9	41·5	44·1	41·2	46·3	40·9	47·8	42·0	49·7	37·2
17	35·9	34·1	33·7	32·5	31·9	30·6	32·8	31·3	31·2	30·0	32·7	31·6	35·0	33·4	37·3	35·4	41·2	38·0	43·3	39·8	46·0	40·5	47·3	41·5	53·2	30·7
18	37·7	35·5	35·8	34·0	36·1	34·3	34·8	33·0	35·1	33·4	34·3	32·9	38·2	35·8	40·5	37·6	46·0	39·6	47·4	40·6	49·2	41·9	49·9	42·7	52·6	34·1
19	37·9	35·9	37·2	35·1	37·8	35·5	35·7	33·9	34·3	32·8	34·4	33·0	37·1	35·0	40·8	37·9	43·0	39·6	44·8	40·8	45·9	41·5	49·3	41·9	53·4	34·0
20	38·3	35·0	35·0	32·3	34·9	32·8	33·8	31·7	33·0	31·0	33·1	31·2	36·2	33·5	38·2	35·5	42·9	38·9	47·5	41·0	48·2	41·3	49·2	42·6	52·2	32·8
21	40·6	39·0	40·9	39·0	39·4	37·9	37·5	36·0	36·0	35·0	36·8	35·3	38·0	36·4	41·2	38·9	44·1	40·5	45·9	41·4	45·2	40·9	47·3	42·2	51·4	35·3
22	38·2	35·8	38·5	36·0	37·3	35·0	36·4	34·4	36·5	34·5	35·6	33·4	39·6	36·7	42·7	38·2	45·1	38·9	47·5	40·0	47·5	40·3	49·1	41·3	52·5	35·4
23	36·7	34·1	35·0	32·9	34·3	32·6	33·6	32·0	33·3	31·9	33·2	31·8	37·8	35·3	42·3	38·3	45·3	39·1	47·0	40·2	47·2	41·6	48·5	42·4	50·3	32·7
24	40·0	37·2	39·7	36·3	39·7	36·7	39·2	37·0	39·5	37·5	40·0	37·5	40·9	38·2	42·1	38·8	43·0	38·7	44·8	38·8	45·7	40·1	46·8	40·3	50·3	39·1
25	42·6	39·1	42·0	39·0	41·0	38·4	39·2	37·4	39·4	37·3	39·4	37·5	40·3	38·1	41·9	39·6	44·1	40·3	45·8	41·2	48·0	41·9	49·2	42·3	53·0	35·9
26	33·8	32·5	33·0	31·7	33·2	32·1	33·7	32·3	34·1	32·9	35·3	34·0	36·6	34·8	38·1	36·3	40·9	38·9	43·2	39·9	44·5	41·2	46·0	41·0	52·0	33·0
27	36·3	34·7	37·2	35·2	37·0	34·9	36·3	34·5	36·4	34·9	36·1	34·3	37·7	36·1	41·2	39·0	45·1	42·0	46·9	43·2	48·4	44·8	47·0	43·0	50·9	35·7
28	42·7	40·6	41·8	39·5	41·5	39·1	40·0	37·3	40·8	37·4	40·4	37·9	41·7	37·7	42·1	37·5	43·5	38·7	43·5	37·2	41·5	36·7	44·2	36·6	46·2	35·7
29	35·7	32·4	36·6	33·3	37·1	33·9	37·7	34·2	37·1	34·8	38·0	35·3	39·0	35·9	39·6	36·9	40·9	38·2	42·3	39·0	44·2	39·9	45·8	40·9	47·2	35·6
30	41·3	40·3	41·5	40·3	41·7	40·6	41·9	40·9	42·2	41·2	42·8	42·1	43·9	43·4	45·2	44·3	46·2	45·2	47·2	46·1	50·6	47·4	51·0	48·6	52·9	41·2
MEAN	38·9	36·1	38·3	35·6	38·0	35·4	37·6	35·1	37·4	34·9	37·5	35·1	38·9	36·1	40·7	37·3	42·8	38·7	44·4	39·5	45·3	40·3	46·5	40·7	49·4	35·5

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	44·9	38·1	45·7	38·2	45·6	38·2	45·2	37·9	44·4	37·1	42·9	36·3	41·7	36·0	41·0	35·7	40·6	35·9	40·0	35·5	39·8	35·8	40·0	36·1	39·6	34·7
2	40·6	36·6	40·9	37·0	41·0	36·9	40·9	36·6	41·0	36·4	40·5	35·6	40·0	35·5	39·8	35·0	39·1	34·7	38·3	33·9	38·0	33·8	37·4	33·4	40·2	35·8
3	40·6	34·9	40·5	34·6	40·0	34·3	40·0	34·3	39·7	34·0	39·0	33·8	38·9	33·9	38·9	33·9	39·2	34·3	39·8	35·2	40·0	36·0	41·0	36·8	38·8	33·9
4	45·2	40·1	44·7	40·0	43·3	39·7	43·0	39·4	44·4	39·8	42·6	39·1	42·4	38·9	41·9	38·8	43·0	39·1	42·9	38·8	42·1	38·5	42·7	38·7	43·1	39·3
5	44·9	39·9	43·9	39·5	44·0	39·1	43·3	38·7	42·7	38·3	42·7	38·4	42·6	38·1	42·9	37·8	42·9	37·8	43·0	38·1	43·2	38·2	43·7	38·4	42·7	38·5
6	44·8	39·3	43·2	38·3	43·2	38·4	43·0	38·1	41·0	36·9	40·4	36·0	40·0	35·8	39·2	35·0	36·9	34·0	38·0	34·8	38·2	34·8	38·7	34·9	41·8	37·4
7	42·6	36·0	42·3	35·6	44·3	37·1	44·5	37·8	43·7	37·2	42·0	36·5	40·9	35·6	36·2	32·5	36·0	32·7	34·8	31·8	33·9	30·6	32·3	29·3	38·9	34·1
8	45·9	39·4	46·7	39·9	48·1	41·2	47·1	40·3	47·4	40·6	47·3	40·7	43·1	38·5	39·5	36·1	38·0	34·4	37·2	33·9	36·1	33·4	34·8	32·2	38·9	34·6
9	47·0	42·0	48·8	42·5	51·0	44·1	51·3	44·4	48·8	42·6	47·4	41·3	46·2	40·7	44·7	40·0	42·9	39·9	41·8	38·4	38·8	36·3	39·7	36·3	40·5	36·9
10	51·0	44·9	53·1	46·0	51·3	44·8	49·9	43·9	49·3	43·6	48·2	42·8	47·4	42·1	46·0	41·1	45·3	41·0	45·2	40·5	45·0	40·4	44·2	39·8	44·2	39·8
11	51·0	42·3	51·2	42·8	53·2	44·0	52·4	44·0	49·5	41·5	49·2	41·3	46·9	40·0	45·7	39·6	44·9	39·2	43·9	38·5	42·9	38·0	41·5	37·3	45·9	39·7
12	46·8	40·1	45·7	39·5	45·0	39·6	46·0	39·9	45·9	39·9	45·1	39·1	44·2	38·5	43·9	38·4	43·7	38·5	43·0	38·6	43·8	39·0	43·3	38·7	43·1	38·0
13	47·9	41·4	48·1	42·1	48·1	42·0	47·7	41·8	46·9	42·0	46·3	41·3	45·3	41·0	44·2	41·2	43·6	40·5	43·2	40·3	42·8	40·3	42·0	40·0	44·6	39·8
14	47·8	44·0	47·7	42·2	47·8	42·1	46·7	43·1	47·0	43·0	46·0	42·5	43·8	40·9	42·7	40·0	40·3	38·2	39·2	37·2	38·6	36·9	35·7	34·3	42·7	39·8
15	48·1	40·9	47·8	41·1	49·0	42·1	48·2	42·0	47·4	41·9	45·0	41·2	45·1	41·0	43·9	40·1	43·2	40·8	42·1	40·0	41·0	39·8	40·9	39·5	43·2	40·1
16	49·1	42·7	49·1	41·8	47·9	41·8	45·8	41·9	46·2	41·4	47·2	41·1	45·7	40·6	42·1	38·1	39·8	36·3	38·6	35·9	38·1	35·9	37·2	35·1	43·9	40·3
17	49·5	42·9	50·6	43·3	52·6	44·4	50·4	43·7	52·3	44·9	52·2	44·1	49·7	43·3	45·0	41·2	42·4	39·6	40·5	38·1	40·0	37·7	38·1	36·0	42·2	38·2
18	49·4	42·9	51·2	42·6	51·7	44·0	51·9	44·0	51·3	42·8	51·2	43·1	48·4	42·5	46·0	41·0	43·1	39·2	42·5	39·1	41·0	38·0	39·9	37·5	43·9	39·1
19	51·3	43·0	51·4	42·8	52·5	43·7	51·6	43·3	51·7	43·7	50·0	42·9	48·0	42·1	44·8	39·6	44·1	39·2	42·3	38·0	40·2	36·8	38·2	35·2	43·5	38·9
20	50·7	43·6	50·9	44·0	48·8	42·8	49·2	43·4	49·1	43·7	47·7	42·6	46·5	42·2	44·0	40·8	42·7	40·2	42·1	39·9	40·9	39·3	40·3	38·7	42·6	38·7
21	48·8	41·5	50·4	43·1	49·9	42·5	50·0	43·0	50·5	43·9	49·9	43·3	47·0	40·2	45·6	40·0	41·7	38·0	40·6	37·7	40·2	37·3	39·0	36·2	43·6	39·6
22	49·8	42·0	48·1	42·0	51·3	43·7	51·6	43·8	49·7	42·1	50·1	42·1	47·4	40·3	45·0	38·9	43·2	38·5	41·1	37·6	39·1	36·0	38·1	35·8	43·7	38·6
23	48·8	43·0	48·1	42·2	50·0	42·7	49·0	41·9	48·8	42·0	46·3	41·3	44·7	40·9	43·0	39·6	43·0	40·0	42·0	39·0	41·3	38·3	39·2	36·8	42·4	38·3
24	47·2	40·8	48·6	41·7	49·5	42·9	50·2	43·4	49·1	42·5	48·6	41·2	47·5	41·0	46·1	40·5	44·4	39·0	43·8	39·3	43·4	39·0	42·9	39·2	44·3	39·5
25	50·9	43·3	52·1	44·4	52·3	45·0	51·0	43·4	51·0	43·3	50·3	43·2	47·5	41·4	44·1	39·3	41·2	37·9	40·2	36·9	38·7	35·6	36·0	34·4	44·5	40·0
26	48·1	42·2	50·6	43·4	49·2	43·4	51·0	44·0	48·3	42·8	48·7	42·0	47·0	41·3	43·8	39·3	41·5	37·6	39·8	36·7	38·4	36·3	37·6	35·6	41·5	38·0
27	47·1	43·0	47·8	43·9	51·7	44·0	50·1	43·3	50·4	43·3	50·7	43·2	47·4	41·5	46·7	42·0	46·1	41·8	45·7	42·0	45·4	42·2	43·0	41·1	44·0	40·3
28	44·9	38·0	45·0	38·0	43·7	38·2	39·3	37·1	45·0	38·9	43·8	37·1	42·1	36·0	40·4	35·2	40·0	35·0	39·5	34·9	36·3	32·9	35·9	32·3	41·7	37·1
29	46·9	41·6	46·1	41·5	46·0	41·0	44·8	41·3	44·4	41·8	43·1	41·7	42·2	41·0	41·7	40·7	41·6	40·6	41·4	40·6	41·3	40·3	41·3	40·2	41·5	38·6
30	51·9	47·7	51·0	46·1	50·5	45·9	52·1	46·3	51·3	46·1	49·7	44·6	48·7	44·0	47·8	44·0	45·7	44·0	45·9	44·0	45·0	43·9	44·9	43·8	46·7	44·2
MEAN	47·4	41·3	47·7	41·3	48·0	41·7	47·6	41·5	47·3	41·3	46·5	40·6	44·9	39·8	43·2	38·8	42·0	38·3	41·3	37·8	40·4	37·3	39·6	36·8	42·6	38·4

TEMPERATURE. DRY AND WET BULBS. MAY 1891.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	32·3	32·3	32·2	32·2	32·2	32·2	32·8	32·6	33·8	33·8	33·5	33·5	33·0	33·0	33·0	33·0	32·2	32·2	31·8	32·0	32·0	32·0	32·2	32·1	33·9	26·0
2	25·2	25·2	24·5	24·5	24·2	24·2	23·8	23·8	23·7	23·7	23·2	23·2	23·1	23·1	23·4	23·4	24·8	24·8	25·0	25·0	26·2	26·2	26·2	26·2	30·6	22·0
3	21·8	21·8	21·4	21·4	21·1	21·1	21·1	21·3	21·8	21·8	22·8	22·8	24·0	24·0	24·9	24·9	25·9	25·9	28·9	29·2	31·6	32·0	33·0	32·2	33·0	21·1
4	25·1	25·1	24·2	24·2	24·0	24·1	23·1	23·2	23·6	23·8	24·2	24·4	25·1	25·1	25·2	25·2	27·2	27·0	28·7	27·5	31·9	30·2	27·8	27·6	31·9	23·1
5	27·0	26·1	27·0	27·0	27·2	26·3	27·2	26·6	26·8	26·1	27·0	26·2	27·8	27·9	28·7	28·2	29·0	29·1	29·3	29·3	29·3	29·3	31·0	29·5	33·2	26·8
6	31·2	31·2	31·2	31·2	31·2	31·2	31·1	31·1	31·0	31·0	31·0	31·0	30·8	30·8	30·2	30·2	30·0	30·0	30·6	30·6	30·9	30·9	31·3	31·3	33·1	30·0
7	33·1	33·1	32·9	32·9	32·8	32·8	32·5	32·5	32·1	32·1	32·0	32·0	32·0	32·0	32·0	32·0	32·0	32·0	32·0	32·0	31·8	31·9	32·0	32·0	34·9	31·8
8	30·1	31·0	30·2	30·2	30·1	30·1	30·2	30·2	31·7	31·4	30·2	30·2	30·7	30·3	30·3	28·6	32·0	31·9	32·5	32·5	32·8	32·8	33·0	33·0	35·8	30·1
9	36·0	35·0	36·0	35·0	35·3	35·2	35·9	35·9	35·5	35·3	35·6	35·3	35·5	35·2	36·0	36·0	35·2	35·0	36·0	35·4	37·0	36·7	38·0	37·0	41·3	35·1
10	35·7	30·2	34·3	29·0	34·0	31·8	35·7	32·8	38·0	33·5	38·5	34·0	38·9	33·9	39·4	34·3	38·9	34·9	39·8	35·8	41·1	36·4	41·7	37·7	44·3	34·0
11	35·8	30·0	35·0	28·5	35·0	33·1	35·2	32·2	36·2	33·9	38·1	36·1	41·1	35·1	43·1	35·0	43·8	36·7	42·4	38·0	41·7	37·2	43·3	38·0	**46·1**	35·0
12	40·9	38·0	40·1	38·0	41·0	39·7	40·1	38·6	39·8	38·6	39·9	38·2	40·4	38·7	40·8	38·7	41·3	39·1	42·1	39·7	41·8	40·2	42·1	39·1	43·4	39·8
13	41·3	41·3	42·0	41·9	41·2	41·0	39·3	39·3	40·1	39·9	37·2	37·1	37·0	37·0	37·0	37·0	37·0	37·0	37·0	37·0	37·0	37·0	37·9	37·7	42·0	28·9
14	28·2	28·2	28·1	28·1	27·6	27·6	28·6	28·6	28·6	28·6	28·5	28·5	28·8	28·8	30·0	30·0	30·1	30·1	30·9	30·9	31·7	31·7	31·2	31·2	31·7	24·1
15	24·7	24·7	23·2	23·2	24·2	24·2	24·2	24·2	25·0	25·0	25·0	25·0	24·5	24·5	25·1	25·1	26·8	26·8	28·2	28·2	26·1	26·1	26·0	26·0	28·2	19·6
16	19·0	19·0	18·6	18·6	17·9	18·0	17·6	17·6	17·0	17·0	17·0	17·0	17·1	17·1	16·1	16·1	16·9	16·9	18·4	18·4	18·7	18·7	19·1	19·1	19·9	15·5
17	15·4	15·4	15·5	15·5	15·3	15·3	14·3	14·3	15·1	15·1	16·0	16·0	16·0	16·0	17·6	18·0	18·2	18·5	19·5	19·9	20·2	20·1	20·1	19·9	24·0	**14·3**
18	22·2	22·2	22·0	22·0	21·9	21·9	22·1	22·1	22·9	22·9	23·4	23·4	23·0	23·0	23·8	23·7	25·7	25·5	26·2	26·0	27·0	26·1	27·2	26·3	28·0	21·9
19	23·9	23·9	23·8	23·8	22·9	23·0	23·4	23·4	23·8	23·8	24·0	24·0	24·0	24·0	24·0	24·0	24·1	24·1	26·1	25·3	26·1	25·1	28·7	26·8	29·5	22·9
20	25·2	25·3	24·6	24·6	23·3	23·4	24·1	24·1	23·5	23·7	24·1	24·1	24·8	25·0	25·9	25·5	28·6	27·9	29·9	28·1	33·0	31·0	31·6	31·0	33·0	23·3
21	25·2	25·2	26·0	26·0	26·0	26·0	25·2	25·4	25·3	25·3	25·4	25·3	28·8	28·0	27·0	27·0	27·3	27·3	28·6	28·2	29·0	27·8	29·2	27·6	31·7	25·2
22	26·1	25·4	25·3	25·3	25·2	25·2	25·2	25·2	26·0	26·0	25·8	25·8	26·2	26·4	27·8	27·6	29·8	29·0	30·0	29·0	34·9	31·8	34·0	31·7	34·9	25·2
23	27·8	27·9	27·0	27·0	26·1	26·1	25·7	25·8	24·1	24·3	24·2	23·1	25·1	24·6	26·1	25·8	27·8	27·0	29·0	27·8	31·7	29·0	32·1	30·4	32·7	24·1
24	28·1	28·1	27·2	27·0	28·0	26·7	29·5	27·0	29·7	27·9	29·4	28·0	30·0	28·5	30·4	29·5	29·8	29·2	29·1	29·0	30·9	29·8	31·5	29·2	32·8	25·4
25	24·9	25·0	24·0	24·0	24·0	24·0	23·3	23·3	23·5	23·5	23·2	23·2	23·4	23·4	24·3	24·3	24·9	24·9	25·3	25·3	26·1	26·1	27·8	27·8	29·2	22·3
26	22·4	22·4	23·9	23·9	24·9	24·9	24·8	24·7	25·1	25·1	25·3	25·3	25·9	25·9	26·0	26·0	27·0	27·0	27·1	27·1	28·5	28·5	29·2	29·2	31·2	22·4
27	29·2	29·2	29·2	29·2	29·3	29·3	30·0	30·0	30·0	30·0	30·1	30·1	30·8	30·8	30·9	30·9	31·0	31·0	31·0	31·0	31·5	31·5	32·0	32·0	33·1	27·5
28	27·0	27·0	27·5	27·5	28·3	28·3	28·2	28·2	28·7	28·7	28·0	28·0	28·6	28·6	28·9	28·9	29·2	29·2	29·0	29·0	29·7	29·7	30·1	30·3	31·0	27·0
29	30·1	30·1	30·2	30·2	30·0	30·0	30·0	30·0	29·8	29·8	30·3	30·3	30·9	30·9	30·9	30·9	30·7	30·7	31·5	31·5	31·8	31·8	31·8	31·8	32·0	28·0
30	29·2	29·2	28·8	28·8	27·1	27·2	27·2	27·5	27·7	27·7	28·1	28·1	28·0	28·0	29·2	29·2	29·8	29·8	30·4	30·4	32·0	31·8	32·0	32·0	35·2	27·1
31	31·9	30·9	31·6	31·0	32·0	30·0	32·1	31·2	32·0	31·2	31·8	31·8	32·1	32·1	34·0	33·8	34·9	34·8	36·1	35·7	37·7	36·7	39·2	37·2	39·2	31·6
MEAN	28·3	27·7	28·0	27·5	27·8	27·5	27·9	27·5	28·1	27·8	28·2	27·8	28·6	28·1	29·1	28·5	29·7	29·2	30·4	29·8	31·3	30·5	31·7	30·7	33·6	26·2

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	32·2	32·1	33·9	33·0	32·3	32·3	32·2	32·2	32·2	32·2	32·2	32·2	32·2	32·2	30·3	32·0	29·0	29·0	27·4	27·4	26·3	26·3	26·0	26·0	31·6	31·6
2	26·2	26·2	26·1	26·1	30·6	30·8	27·8	28·0	25·8	25·8	29·7	29·7	28·0	28·0	23·3	23·3	22·9	22·9	23·0	23·0	22·3	22·6	22·0	22·0	25·0	25·1
3	28·9	29·2	31·2	30·2	29·1	28·8	27·4	27·6	28·0	28·0	27·2	27·2	26·2	26·2	26·6	26·6	26·7	26·7	26·1	26·1	25·7	25·7	25·7	25·7	26·1	26·1
4	31·2	30·2	29·9	29·0	30·7	29·6	31·1	30·2	29·1	28·8	28·2	28·0	28·1	28·0	27·1	27·1	27·2	26·1	27·2	25·9	26·1	25·5	26·2	25·4	27·2	26·7
5	32·2	30·3	32·8	31·0	33·0	31·8	33·0	32·0	33·2	32·1	33·1	31·8	32·7	31·1	32·2	31·0	32·1	31·0	32·0	31·0	32·0	31·3	31·8	31·6	30·3	29·5
6	31·8	31·8	32·1	32·0	32·5	32·2	32·8	32·8	33·0	33·0	33·1	33·1	33·0	33·0	33·0	33·0	32·8	32·8	32·2	32·2	32·0	32·0	32·1	32·1	31·7	31·7
7	32·7	32·0	33·0	32·1	34·2	32·7	34·9	32·9	34·9	33·0	34·0	33·8	34·8	34·6	33·9	33·9	33·0	33·0	32·2	32·2	33·0	33·0	32·0	32·0	32·9	32·6
8	33·1	33·1	33·7	33·7	34·2	34·2	34·9	34·9	34·9	34·9	34·7	34·3	34·4	34·3	34·1	34·1	34·3	34·3	35·0	35·0	35·1	35·1	35·8	35·0	32·8	32·7
9	38·0	36·6	40·1	36·8	41·3	37·0	40·5	36·7	40·1	36·0	39·1	35·6	37·8	34·7	36·8	34·0	37·0	32·6	36·9	31·0	36·2	30·2	35·1	31·7	37·1	35·0
10	43·0	38·1	44·3	38·0	43·8	36·6	44·0	37·0	43·4	36·0	42·1	36·1	41·5	34·9	39·1	34·7	37·0	33·9	36·9	33·8	36·0	31·2	35·1	30·0	39·3	34·4
11	43·7	38·8	44·3	38·3	46·0	39·9	46·1	40·7	45·2	40·7	44·0	40·2	43·1	40·0	42·2	39·8	42·4	39·5	41·1	38·2	42·0	38·1	40·1	37·7	41·3	36·9
12	42·5	40·2	42·3	40·8	43·4	38·2	43·2	39·2	41·8	39·1	42·7	41·0	42·1	41·8	42·9	42·7	42·3	42·2	41·2	41·1	41·0	41·0	41·1	41·1	41·5	39·8
13	38·2	38·0	38·2	38·2	37·0	37·0	34·6	34·6	33·0	33·0	31·9	32·0	31·0	30·5	30·0	30·0	29·4	29·4	29·7	29·7	28·9	28·9	28·9	28·9	35·6	35·6
14	29·8	29·8	28·2	28·2	27·7	27·7	27·0	27·0	26·1	26·1	25·3	25·1	25·0	24·9	25·8	25·8	24·7	24·7	24·9	24·8	24·2	24·2	24·1	24·1	27·7	27·7
15	26·2	26·2	26·0	26·0	27·2	27·2	27·1	27·1	25·0	25·0	23·0	23·0	21·9	21·9	21·2	21·2	21·0	21·0	20·2	20·2	19·8	19·8	19·6	19·6	24·2	24·2
16	19·9	19·9	19·6	19·8	17·9	17·9	18·1	18·1	17·8	17·8	18·0	18·0	18·0	18·0	17·4	17·4	17·1	17·1	15·5	15·6	16·6	16·8	16·4	16·4	17·7	17·8
17	22·7	22·1	23·0	22·3	22·9	21·8	21·2	20·5	21·1	21·1	21·0	21·0	21·5	21·5	22·0	22·0	23·1	23·1	24·0	24·0	23·9	23·9	23·0	23·0	19·7	19·6
18	27·2	26·1	28·0	26·6	27·9	27·9	28·0	28·0	27·0	26·2	25·8	26·0	25·8	25·9	24·6	24·8	24·3	24·3	25·1	25·1	23·3	23·3	23·3	23·3	24·9	24·7
19	28·8	27·1	29·5	27·9	27·3	27·3	28·0	27·3	27·0	27·2	27·2	26·7	26·7	26·2	26·4	26·6	26·9	26·9	26·1	26·1	25·9	26·0	26·1	26·1	25·9	25·5
20	32·0	29·7	31·9	29·2	32·6	29·3	30·0	28·5	29·5	29·2	28·0	28·1	27·8	27·8	27·8	27·8	27·2	27·2	26·9	27·0	26·1	26·1	26·0	26·1	27·7	27·1
21	30·7	28·8	30·7	28·2	30·5	28·1	30·9	28·1	31·1	27·2	31·7	27·8	30·4	28·0	28·2	27·0	27·0	26·4	26·6	26·4	26·2	26·1	26·0	25·3	28·0	26·9
22	33·2	31·9	34·5	32·0	33·0	32·0	32·7	31·9	32·6	31·9	32·2	31·5	33·0	31·6	30·3	30·0	29·8	29·8	28·9	29·0	29·0	29·0	28·6	28·6	29·8	29·1
23	31·8	29·9	30·2	30·4	30·8	30·5	32·7	30·9	30·0	30·0	30·1	30·1	30·1	30·1	29·7	29·7	30·0	30·0	29·0	29·0	29·1	29·1	29·0	29·0	28·7	28·2
24	32·8	29·0	30·0	29·8	30·7	29·0	29·9	29·2	31·0	29·8	30·4	29·7	28·3	28·0	27·8	27·8	27·1	27·1	26·3	26·3	26·1	26·1	25·4	25·5	29·1	28·2
25	27·1	27·1	29·2	28·4	29·0	28·3	28·2	27·6	27·4	27·3	27·0	26·8	26·7	26·1	25·7	25·7	25·1	25·1	24·0	24·0	23·0	22·3	22·3	22·3	25·4	25·2
26	28·9	28·9	29·8	29·8	30·8	30·8	30·5	30·5	30·5	30·5	31·0	31·0	31·2	31·2	30·7	30·7	30·3	30·3	30·9	30·9	30·8	30·8	30·0	30·0	28·1	28·1
27	32·3	32·3	33·1	33·1	32·5	32·7	32·5	32·5	33·0	33·0	32·2	32·2	31·6	32·0	31·3	31·9	30·8	30·8	29·9	29·9	29·0	29·0	27·5	27·6	30·9	30·9
28	30·9	30·9	30·8	30·9	30·8	30·8	30·7	30·7	30·1	30·1	31·0	31·0	30·6	30·6	30·3	30·3	30·3	30·3	30·2	30·2	30·0	30·0	30·2	30·2	29·5	29·6
29	31·8	31·8	31·5	31·8	32·0	32·0	32·0	32·0	32·0	32·0	31·9	31·9	31·1	31·8	30·4	30·4	28·0	28·0	29·4	29·4	30·1	30·1	29·9	29·9	30·8	30·8
30	32·2	32·2	33·0	32·8	34·2	34·0	34·3	34·0	35·0	34·0	35·2	33·8	34·9	33·2	33·8	32·9	34·0	32·2	32·1	31·6	32·1	31·9	32·0	32·0	31·3	31·0
31	38·1	37·0	38·1	38·0	38·1	38·0	38·9	38·7	38·9	38·8	37·4	37·3	35·9	35·9	35·3	35·3	35·7	35·5	35·1	35·1	35·0	35·0	37·5	37·5	35·4	34·9
MEAN.	31·9	30·9	32·2	31·1	32·4	31·2	32·1	31·0	31·6	30·6	31·3	30·5	30·8	30·1	30·0	29·7	29·6	29·1	29·2	28·7	28·9	28·4	28·7	28·2	29·9	29·3

TEMPERATURE. DRY AND WET BULBS. MAY 1891.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	45·0	44·0	44·7	43·8	44·4	43·7	44·5	43·9	45·2	44·9	45·8	45·3	46·9	46·7	45·0	44·7	46·0	45·4	45·3	44·9	46·4	46·0	46·9	46·1	48·8	40·5
2	40·2	38·8	39·7	38·4	38·3	37·1	37·7	36·3	38·3	37·3	38·3	37·1	39·0	38·0	38·8	37·4	40·6	39·1	43·4	40·3	46·0	42·0	45·9	40·9	49·1	37·4
3	41·7	37·7	39·3	36·8	38·2	35·9	39·0	36·7	39·2	37·1	39·3	37·7	40·1	38·3	40·2	38·6	40·3	38·8	41·1	39·3	43·0	41·0	44·7	41·9	50·9	38·2
4	40·1	38·8	39·2	38·0	38·3	37·1	38·0	37·0	37·6	36·0	37·1	35·8	38·9	37·6	41·0	39·5	44·3	41·9	46·4	42·9	47·8	43·1	49·1	44·6	54·0	37·1
5	37·0	35·4	37·1	35·2	37·0	35·1	36·7	34·9	37·2	35·5	38·2	36·3	40·8	38·6	43·5	40·9	48·9	45·0	54·0	47·0	54·0	46·0	54·9	46·2	57·9	36·0
6	47·3	43·8	48·3	44·4	46·3	43·5	50·6	45·4	50·6	45·7	49·5	45·9	50·8	45·8	49·5	45·7	51·6	45·9	51·0	47·0	52·9	47·9	53·7	47·2	55·0	46·3
7	50·0	46·2	48·9	46·1	48·0	46·4	48·9	46·7	48·4	46·7	48·1	46·6	49·0	46·8	47·7	46·7	49·5	47·4	50·5	48·5	52·0	49·9	52·7	49·0	58·0	47·6
8	51·8	46·3	50·7	45·1	50·7	45·4	49·4	43·6	49·1	43·8	48·0	42·2	48·1	42·7	48·2	42·9	51·2	45·2	50·1	45·4	53·0	46·9	53·5	47·6	58·0	45·6
9	45·7	44·2	45·8	44·2	45·9	44·2	45·3	43·8	45·0	43·3	45·6	43·8	48·0	45·7	49·3	46·6	50·1	47·3	52·0	48·3	55·7	51·1	57·9	52·2	65·5	44·8
10	45·7	40·9	44·7	40·1	43·3	39·3	43·7	39·7	42·2	38·9	44·4	41·1	48·6	43·3	51·1	44·7	54·0	46·9	56·6	48·8	59·9	50·4	61·6	51·7	65·4	42·2
11	44·8	42·6	44·1	41·8	43·4	40·9	43·1	41·1	42·8	40·4	44·0	41·8	47·0	43·7	50·0	46·4	56·1	49·0	58·0	49·8	61·1	51·4	63·8	52·6	69·7	42·6
12	48·7	45·9	47·3	44·9	49·2	46·3	49·2	46·1	49·6	45·9	50·0	47·0	51·9	47·9	55·3	50·1	59·7	52·0	57·9	52·0	60·1	52·9	59·0	52·3	66·1	47·3
13	52·2	50·7	51·7	50·3	51·9	50·8	50·3	49·3	50·6	49·8	50·3	49·7	49·9	49·0	50·2	49·2	50·8	49·9	50·7	49·7	50·4	49·2	51·3	50·3	59·0	49·3
14	47·9	43·7	47·0	43·3	47·1	43·7	47·6	43·9	47·8	44·0	48·2	44·1	49·9	44·7	48·8	44·9	48·9	45·8	48·9	46·0	49·2	46·9	50·2	46·4	51·2	41·5
15	44·4	39·7	42·2	38·4	42·8	39·8	42·0	39·3	42·0	39·5	42·8	40·2	43·9	40·7	43·0	40·2	46·0	42·2	48·3	43·9	45·0	42·1	44·9	41·7	49·1	38·2
16	38·3	34·3	37·9	34·0	37·9	34·2	38·5	33·8	37·2	33·0	36 2	33·5	38·0	34·2	39·0	33·9	39·3	33·7	37·2	33·6	39·8	36·7	40·7	34·9	43·1	34·7
17	33·2	32·0	35·6	33·0	35·0	33·0	33·8	31·5	35·6	32·5	36·0	33·2	37·2	33·8	38·2	34·8	39·1	35·2	39·8	35·3	41·3	36·4	42·9	37·7	46·0	32·9
18	41·2	37·7	41·0	38·0	39·6	37·2	40·1	38·0	40·3	38·1	41·6	38·6	43·5	39·4	44·9	40·9	45·2	41·1	46·9	40·8	48·6	42·2	49·0	42·5	51·3	39·3
19	39·4	37·8	39·4	37·8	39·1	37·6	38·9	37·4	39·9	38·5	40·9	39·0	43·2	40·9	43·7	41·0	46·2	42·0	48·3	41·8	49·9	42·0	50·8	42·2	52·3	38·7
20	39·7	38·0	38·4	37·0	38·1	36·4	37·7	35·9	37·8	36·8	38·7	37·4	41·8	40·1	45·3	42·8	47·0	42·7	48·0	42·8	51·0	44·3	52·3	44·7	55·0	36·9
21	42·7	39·9	42·1	39·4	42·2	39·6	41·9	39·0	41·9	38·9	42·5	39·5	45·0	40·9	46·9	40·8	47·2	41·6	49·9	43·2	52·8	44·7	51·3	43·5	57·1	41·7
22	41·5	38·8	41·4	38·9	39·9	37·5	38·2	36·1	38·2	36·2	40·5	38·0	43·1	40·0	47·3	42·9	50·5	44·6	51·8	45·0	52·3	45·0	52·8	45·7	58·0	37·7
23	41·6	39·1	41·6	39·3	40·7	38·5	42·6	40·4	40·8	39·0	42·0	40·3	46·7	43·0	48·4	42·9	50·3	43·8	50·7	43·6	52·6	44·9	52·9	45·3	56·3	40·1
24	42·9	40·0	42·7	39·8	41·9	39·3	40·6	38·0	42·0	39·1	45·2	41·8	46·2	42·8	47·3	43·2	49·7	44·3	51·6	45·0	53·6	45·8	54·6	45·1	56·9	40·3
25	41·1	38·7	40·1	38·0	38·9	36·9	39·4	37·4	40·8	38·7	43·2	40·2	44·8	40·2	46·2	40·7	47·3	41·0	48·0	41·0	48·4	42·7	50·0	43·6	53·9	38·8
26	39·8	37·0	40·1	37·2	41·9	38·6	42·9	38·7	42·9	39·2	43·1	39·9	43·6	40·8	44·8	41·1	46·0	42·4	46·2	42·5	48·6	43·6	48·6	44·3	51·0	39·6
27	45·9	44·2	46·2	43·9	45·9	43·8	45·3	43·6	45·3	44·0	45·9	44·7	46·2	45·0	47·0	45·2	47·2	45·1	48·0	45·1	49·7	46·7	51·2	47·4	51·8	45·2
28	44·2	41·5	42·9	40·1	43·1	40·4	44·2	41·0	44·1	41·1	44·2	42·0	44·3	42·3	46·0	43·3	46·0	44·1	46·4	44·8	48·1	46·3	48·9	45·9	52·2	41·9
29	47·9	44·8	47·1	44·2	47·9	44·3	46·8	43·8	47·3	44·0	47·7	44·2	47·6	44·9	48·7	45·2	49·8	46·6	50·9	46·2	49·9	46·7	51·5	46·9	55·5	45·3
30	44·7	43·7	44·6	43·4	44·9	42·2	45·9	42·2	46·4	42·1	48·6	44·0	48·7	44·4	51·7	45·8	55·0	48·3	55·1	47·6	55·0	47·4	56·8	49·2	63·1	44·0
31	50·1	44·6	48·2	43·7	48·0	43·0	46·2	42·2	46·7	42·9	49·0	46·0	53·8	48·3	59·2	50·5	60·3	51·6	61·7	52·7	62·2	52·7	63·7	53·7	64·8	45·0
MEAN.	43·8	41·0	43·2	40·6	42·9	40·4	42·9	40·2	43·0	40·4	43·7	41·2	45·4	42·3	46·7	43·0	48·5	44·2	49·5	44·7	51·0	45·6	51·9	45·9	55·7	41·2

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	47·9	47·1	48·2	47·3	48·3	47·5	48·1	47·3	47·3	46·5	45·7	44·5	44·2	43·0	43·0	41·6	41·9	40·5	41·7	40·2	41·0	39·8	40·5	39·2	45·2	44·3
2	48·0	41·5	47·7	42·0	48·2	42·0	47·0	41·8	44·3	40·4	43·7	39·1	43·3	39·3	42·8	39·0	42·7	38·3	42·1	38·4	42·0	38·1	41·2	37·9	42·5	39·2
3	47·8	44·2	48·0	44·2	48·1	45·8	48·3	44·3	48·9	44·8	46·2	42·7	45·2	42·6	43·7	41·2	42·1	40·1	42·7	40·8	41·3	40·0	40·5	39·1	42·9	40·4
4	50·8	45·6	50·7	44·7	51·0	45·1	51·2	45·7	53·5	47·8	53·2	47·0	50·2	45·2	46·5	42·9	44·5	41·0	42·3	39·7	39·2	37·3	38·3	36·4	44·6	41·3
5	56·2	47·1	56·9	47·6	57·0	48·5	56·5	47·9	55·0	47·7	53·8	48·3	54·8	47·1	52·3	46·0	52·2	45·0	49·0	44·9	49·6	44·9	50·0	45·0	48·4	43·2
6	54·1	47·8	54·0	48·0	52·7	47·9	53·2	47·8	52·6	48·0	52·5	47·7	51·6	46·9	51·1	46·6	49·9	46·1	48·4	46·9	49·2	45·9	49·0	46·0	50·9	46·4
7	55·1	50·5	56·2	51·1	56·8	51·6	57·2	51·3	56·6	50·5	56·5	50·1	55·4	49·7	52·7	49·0	51·7	48·0	50·4	47·0	51·2	47·2	51·2	46·7	51·9	48·3
8	53·7	48·0	54·9	48·8	56·3	50·0	56·9	50·0	57·1	50·2	53·8	49·1	50·9	47·3	48·1	45·8	47·2	45·1	46·4	44·7	46·0	44·3	45·8	44·2	50·9	46·0
9	59·9	53·9	62·0	53·2	60·1	53·1	64·5	54·2	64·5	52·4	63·4	52·9	61·7	50·8	58·4	48·6	52·0	46·8	51·1	44·8	49·7	43·2	47·0	41·7	53·4	47·9
10	63·7	52·7	64·6	53·1	65·2	53·9	64·8	53·5	63·9	53·0	62·7	52·2	60·0	50·7	56·1	49·1	53·0	47·8	50·0	46·2	48·2	44·7	46·7	44·0	53·9	46·9
11	65·4	54·2	67·0	54·8	68·4	56·7	69·2	57·3	67·1	55·7	65·1	54·9	62·7	53·4	60·2	52·3	56·3	50·6	55·6	50·2	51·9	48·4	50·0	47·2	55·7	49·1
12	60·8	53·4	61·0	54·9	62·2	54·5	64·0	54·9	62·0	53·5	62·0	54·8	57·3	53·1	55·3	52·2	54·9	52·2	54·9	52·2	53·0	51·0	52·7	50·8	55·8	50·9
13	54·0	52·2	56·1	53·9	56·9	51·7	57·6	50·8	58·1	50·0	54·8	46·2	55·8	48·0	52·4	46·2	50·6	44·8	49·8	44·4	49·3	44·8	49·4	44·3	52·3	49·0
14	48·1	45·6	49·6	44·3	47·0	44·1	50·2	43·8	51·0	43·2	48·8	41·4	47·8	41·9	47·0	41·2	44·9	40·7	44·2	40·1	42·9	40·0	42·3	39·2	47·7	43·5
15	46·0	42·1	45·0	41·4	48·0	43·8	48·8	42·1	46·2	40·8	43·4	38·4	44·8	38·9	42·2	37·2	41·1	37·3	38·7	35·2	40·3	35·6	39·2	35·0	43·8	39·8
16	41·0	35·4	40·6	35·7	43·0	37·6	41·9	36·0	42·0	36·2	39·6	37·1	40·0	36·9	36·0	34·6	35·4	33·8	36·2	34·0	35·1	33·7	35·4	33·7	38·6	34·8
17	44·0	37·1	45·1	38·0	45·7	38·3	44·4	37·2	44·4	37·8	41·1	37·2	39·7	37·9	40·2	38·0	40·0	38·1	41·0	38·3	41·0	38·7	41·2	38·1	39·8	36·0
18	49·7	42·5	50·2	43·1	47·2	42·8	48·7	43·2	47·1	42·5	47·8	42·4	43·9	40·8	43·7	40·3	43·2	40·2	42·1	40·2	42·3	40·0	41·0	38·8	44·5	40·5
19	51·8	43·7	51·3	43·3	51·3	43·7	49·5	43·7	49·0	42·9	47·4	42·9	48·0	42·9	46·4	42·0	44·4	41·1	42·0	39·3	41·3	39·0	40·6	38·2	45·1	40·9
20	51·8	44·8	54·9	45·1	54·3	45·8	53·8	45·9	49·9	44·1	50·0	43·9	49·2	43·7	48·0	42·7	46·5	42·5	45·5	41·9	44·2	41·1	42·6	39·9	46·1	41·7
21	54·0	45·0	55·9	45·9	56·3	45·9	56·0	45·8	55·7	45·2	55·2	43·9	53·0	44·9	48·1	42·6	46·1	41·7	45·5	41·8	43·8	40·3	41·9	39·1	48·2	42·2
22	53·8	45·7	55·2	47·2	54·6	46·8	55·0	47·2	54·0	47·2	54·1	47·4	53·1	47·8	51·8	45·9	48·6	43·8	46·0	41·7	43·9	40·6	42·5	39·7	47·9	42·9
23	54·0	46·5	51·3	45·4	53·3	46·9	54·9	46·8	53·9	48·0	55·5	47·3	52·4	45·5	51·0	44·8	49·9	45·2	48·9	44·9	46·3	42·9	44·2	41·3	48·6	43·6
24	55·1	45·2	56·1	46·9	55·1	46·2	53·4	45·4	55·6	46·3	54·1	45·1	51·0	44·1	48·9	43·1	47·6	42·8	45·9	42·0	44·4	41·3	42·3	39·9	48·7	43·0
25	50·8	43·7	50·0	44·0	52·7	45·2	50·6	44·2	50·7	43·7	49·6	43·2	49·0	42·8	47·5	42·3	45·0	40·8	43·6	39·9	43·5	39·8	41·0	37·8	45·9	41·1
26	49·1	44·7	49·5	44·7	49·3	45·3	50·1	45·6	49·4	45·8	49·5	45·6	48·2	46·2	47·8	45·8	47·2	45·4	46·4	45·1	46·3	45·0	46·2	44·7	46·1	42·9
27	51·2	47·4	51·0	48·0	50·9	48·4	50·8	49·1	50·2	48·1	49·5	47·4	49·1	47·8	48·2	45·6	48·2	45·3	47·2	45·1	47·1	45·1	45·3	43·5	48·0	45·8
28	49·9	46·9	51·6	46·1	51·6	46·6	51·7	46·5	51·0	46·6	51·2	45·7	51·1	46·1	51·1	45·2	49·6	45·2	50·0	44·9	49·5	44·4	47·7	44·1	47·9	43·8
29	51·1	47·0	52·8	48·7	55·4	49·9	52·2	48·0	52·0	48·5	47·1	46·1	47·7	46·7	47·0	46·2	46·2	45·1	45·5	44·0	46·0	44·7	45·8	44·6	48·8	45·9
30	58·8	50·2	59·0	50·1	60·7	51·8	62·0	52·5	62·7	52·0	61·0	50·8	58·1	49·5	54·4	47·0	52·3	45·9	52·3	45·4	49·8	45·2	49·2	44·0	53·2	46·9
31	64·0	53·7	63·9	54·7	63·3	54·8	62·3	53·7	62·3	54·6	61·6	53·5	60·3	51·3	59·1	50·8	58·8	50·5	57·2	50·1	57·2	50·5	55·7	50·0	57·3	50·0
MEAN.	53·0	46·6	53·6	47·0	53·9	47·5	54·0	47·2	53·5	46·9	52·3	46·1	51·0	45·6	49·1	44·4	47·5	43·6	46·5	43·0	45·7	42·5	44·7	41·7	48·2	43·8

TEMPERATURE. DRY AND WET BULBS. JUNE 1891.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	38·3	38·0	41·0	40·0	39·9	39·2	39·3	39·1	39·1	39·0	39·2	39·1	39·9	39·8	39·8	39·5	39·9	39·3	40·1	39·8	40·3	40·0	42·0	40·7	45·2	37·4
2	37·3	36·2	38·9	36·5	39·3	37·1	39·9	36·5	40·0	38·1	38·1	38·0	40·1	38·2	42·0	40·0	43·1	41·2	45·0	41·2	44·3	41·6	45·0	43·0	45·8	37·3
3	41·4	40·0	42·3	39·1	42·4	39·1	42·0	40·0	42·3	41·0	42·6	40·6	43·0	41·1	44·0	41·0	45·8	41·9	47·1	42·7	47·9	43·1	48·5	43·5	49·1	39·2
4	38·0	33·2	37·4	32·2	39·0	35·5	39·5	37·9	41·0	38·9	42·0	38·2	41·1	39·0	41·3	38·1	40·9	38·2	41·1	38·5	39·9	37·2	40·3	38·1	46·2	31·1
5	31·1	31·1	30·4	30·2	31·0	30·2	31·1	31·1	31·5	31·4	32·0	32·0	32·0	32·0	32·5	32·2	33·3	32·9	33·9	33·9	34·8	34·2	36·0	34·9	38·3	30·4
6	35·0	32·0	35·1	30·2	35·0	27·2	35·1	26·1	37·4	28·2	39·9	29·0	40·0	29·9	39·1	29·7	39·1	30·2	38·8	32·4	40·5	35·8	42·1	36·0	44·8	35·0
7	37·4	36·0	37·0	36·0	37·0	36·1	37·0	36·1	37·1	36·4	37·1	36·0	37·4	35·5	35·3	34·2	34·7	32·2	34·8	33·8	35·4	34·0	32·2	32·1	37·4	27·2
8	28·0	28·0	28·5	28·5	29·1	29·1	29·1	29·1	29·8	29·8	30·0	30·0	29·8	29·8	31·3	30·8	33·2	32·0	37·0	33·0	38·1	34·2	40·1	35·2	41·1	28·0
9	36·9	30·9	36·1	30·0	36·2	29·2	36·5	29·9	36·7	30·2	37·8	30·0	38·3	33·0	37·3	32·3	39·0	35·6	41·0	36·9	41·0	37·1	43·9	38·5	45·1	36·1
10	40·1	32·0	39·7	31·0	40·2	30·0	41·9	30·2	41·8	30·5	40·9	30·2	40·7	31·0	43·1	32·2	45·1	34·8	40·3	37·0	42·8	37·0	43·5	36·0	45·1	39·3
11	39·5	32·7	40·1	32·5	39·5	32·0	39·9	32·1	41·0	32·9	41·1	32·4	43·1	33·3	43·1	33·0	43·1	34·0	43·1	35·2	42·5	35·0	43·1	35·7	45·0	39·0
12	41·3	33·0	41·3	33·8	41·3	33·0	42·2	33·3	44·3	35·0	45·2	35·1	45·1	35·0	44·4	34·7	44·2	34·6	43·8	35·6	45·7	38·5	45·3	38·0	46·0	38·1
13	37·3	37·3	37·0	37·0	36·7	36·8	35·9	35·9	35·7	35·7	35·2	35·2	35·0	35·0	39·9	39·9	40·0	39·9	38·9	38·8	37·5	37·4	37·8	37·7	40·0	35·0
14	35·9	35·9	36·2	36·2	36·2	36·2	35·9	35·9	35·0	35·0	34·0	34·0	33·7	33·7	33·9	33·9	35·0	35·0	35·8	35·8	36·4	36·4	37·0	37·0	37·0	32·9
15	33·8	33·8	34·1	34·1	34·0	34·0	34·0	34·0	34·9	34·9	35·2	35·2	35·0	35·0	35·9	35·9	36·2	36·2	36·8	36·8	37·0	37·0	36·6	36·6	38·0	33·8
16	34·1	34·0	34·9	34·9	34·7	34·7	35·2	35·2	35·2	35·2	35·0	35·0	35·7	35·7	36·0	36·0	36·8	36·8	37·3	37·3	38·0	38·0	38·4	38·5	41·9	34·1
17	42·1	42·1	42·3	42·3	42·1	42·1	42·4	42·4	42·8	42·8	42·2	42·2	42·9	42·9	42·9	42·9	44·0	44·0	44·9	44·9	44·4	44·4	44·0	44·0	44·9	42·1
18	42·3	42·3	42·9	42·9	42·4	42·4	42·3	42·3	42·2	42·2	42·9	42·9	43·7	43·7	43·1	43·1	43·5	43·5	43·6	43·6	43·7	43·7	43·0	43·0	44·0	42·2
19	43·4	43·4	43·9	43·9	43·9	43·9	44·3	44·3	44·0	44·0	45·0	45·0	45·0	45·0	44·3	44·3	44·2	44·2	45·1	45·1	46·5	46·5	46·3	46·3	52·0	43·4
20	47·9	45·3	48·0	42·6	49·0	42·9	49·3	42·0	49·2	41·7	49·9	43·0	50·1	43·7	50·7	45·9	53·0	49·0	53·9	49·7	54·9	51·1	56·8	52·8	59·0	47·9
21	50·9	50·3	50·9	50·6	50·4	50·0	50·0	49·1	50·1	49·9	51·6	50·4	52·7	51·0	54·0	51·2	55·6	52·0	56·9	52·9	58·3	53·0	60·4	54·2	64·9	50·0
22	52·0	46·2	52·0	47·1	51·9	46·9	51·0	45·9	51·2	45·8	53·3	49·6	52·8	49·4	51·8	46·0	52·0	44·0	55·0	46·2	56·6	46·6	58·6	47·2	61·1	49·9
23	50·0	45·9	49·1	47·0	48·4	47·2	48·7	46·9	50·0	47·0	50·7	46·8	52·0	46·8	53·5	47·7	55·0	50·0	55·1	49·7	56·2	50·0	56·6	50·4	59·9	47·2
24	48·3	45·1	49·1	45·4	48·1	47·1	49·0	48·1	48·9	47·9	48·5	48·5	49·4	49·3	50·8	49·7	52·7	50·2	51·0	50·1	49·7	49·7	49·1	49·1	52·7	48·0
25	47·3	47·4	48·0	47·6	47·9	47·5	47·9	47·9	47·7	46·5	49·1	48·4	50·1	50·0	50·2	50·2	50·0	50·0	50·4	50·4	50·9	50·9	51·3	51·3	54·9	47·3
26	49·1	49·1	49·2	49·2	48·3	48·3	49·1	49·1	49·5	49·5	49·3	49·3	49·1	49·1	49·8	49·8	50·0	50·0	50·1	50·1	50·3	50·3	51·1	51·1	51·1	47·2
27	47·1	47·1	47·1	47·1	47·0	47·0	46·9	46·9	46·4	46·4	45·6	45·6	43·7	43·4	42·0	40·9	43·7	43·6	44·4	44·4	45·0	45·0	45·0	45·0	47·1	42·0
28	42·0	42·0	42·1	42·1	42·1	42·1	42·2	42·2	41·9	41·9	41·3	40·0	43·5	42·4	44·7	43·9	44·2	43·9	44·4	44·2	44·0	44·0	43·0	43·0	45·0	41·0
29	40·1	40·1	40·2	40·2	39·6	39·6	38·6	38·1	38·0	37·9	38·2	38·2	39·0	39·0	39·9	39·9	40·6	40·6	44·1	44·1	40·8	40·8	41·2	41·2	43·4	38·0
30	40·3	40·3	41·0	41·0	41·1	41·1	41·1	41·1	40·9	40·9	40·7	40·7	40·8	40·8	40·9	40·9	40·8	40·8	40·6	40·6	41·2	41·2	41·9	41·9	43·2	40·3
MEAN.	40·9	39·0	41·2	39·0	41·1	38·9	41·2	39·0	41·5	39·2	41·8	39·4	42·2	39·8	42·6	40·0	43·3	40·7	43·8	41·5	44·2	41·8	44·7	42·1	47·0	39·3

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	43·0	40·9	44·1	41·1	45·2	41·3	44·3	40·2	42·5	39·4	42·2	39·0	41·6	38·4	40·8	39·9	39·9	39·5	39·1	37·5	37·4	36·2	37·9	36·4	40·7	39·3
2	45·8	44·4	44·3	44·0	44·3	44·0	44·3	44·1	43·9	40·7	43·8	40·8	43·1	39·2	42·9	37·1	41·3	36·9	41·9	36·0	42·1	38·1	42·2	40·0	42·2	39·7
3	49·0	43·1	48·4	43·0	49·1	43·7	46·7	43·0	45·0	41·9	44·8	41·6	43·1	40·6	42·1	39·3	42·9	36·3	40·4	35·1	40·1	32·1	39·2	32·1	44·0	40·2
4	46·2	41·2	44·9	40·2	43·6	40·1	43·8	40·1	42·9	39·8	41·0	38·9	39·1	37·3	37·3	35·1	36·2	34·1	38·0	32·0	33·1	31·7	31·1	31·1	39·9	36·9
5	35·7	34·9	36·4	35·4	36·3	35·2	37·6	36·0	38·1	36·0	37·7	35·6	38·3	35·8	36·2	35·0	36·1	35·0	35·0	34·3	35·3	34·2	35·2	34·2	34·5	33·7
6	43·0	36·1	44·8	39·0	44·3	39·9	43·0	39·9	43·9	40·0	43·1	39·7	42·4	39·9	40·9	38·9	40·8	37·1	39·1	37·0	39·1	36·0	38·6	35·8	40·0	34·4
7	32·6	32·1	35·9	33·5	33·9	32·2	35·2	32·5	34·6	32·4	33·6	32·2	31·6	31·8	29·8	29·8	28·4	28·4	28·1	28·1	28·2	28·2	27·2	27·2	33·8	32·8
8	40·3	35·4	41·1	36·2	40·3	35·0	40·1	35·2	39·1	35·0	38·6	35·0	37·4	34·6	36·0	33·2	39·0	31·9	38·0	31·8	36·9	32·9	36·1	33·0	35·3	32·4
9	42·3	38·0	45·1	39·2	44·1	38·8	44·3	38·5	42·1	36·5	40·3	35·7	41·8	37·2	40·1	36·1	39·9	36·8	40·0	36·8	39·3	35·8	40·0	33·2	40·0	34·8
10	43·3	37·0	41·1	36·7	43·0	38·0	43·3	37·0	42·1	36·9	42·1	35·8	43·1	38·0	43·1	37·0	42·2	34·7	40·5	34·2	39·3	34·0	40·4	32·2	41·8	34·3
11	44·5	37·0	45·0	36·1	44·4	36·2	45·0	36·7	43·4	35·8	43·3	35·9	42·1	35·1	40·1	33·7	39·0	32·0	39·6	32·0	40·4	31·0	39·5	31·3	41·9	33·9
12	45·7	36·5	46·0	37·8	44·2	39·8	44·9	37·1	46·0	38·5	45·1	36·6	44·3	35·0	42·1	34·0	41·0	32·7	39·0	36·0	38·4	37·1	38·1	37·9	43·3	35·8
13	38·1	38·0	38·7	38·7	38·3	38·2	37·7	37·7	37·5	37·3	37·1	37·1	36·3	36·4	35·3	35·3	35·1	35·1	35·3	35·3	35·4	35·4	35·5	35·5	37·0	36·9
14	36·7	36·7	36·0	36·0	36·5	36·5	36·2	36·2	36·0	36·0	35·9	35·9	35·2	35·2	34·8	34·8	34·0	34·0	32·9	32·9	34·0	34·0	34·1	34·1	35·3	35·3
15	36·5	36·5	36·7	36·7	37·2	37·2	37·6	37·6	37·6	37·7	37·9	37·9	38·0	38·0	38·0	38·1	38·0	38·0	37·5	37·6	36·3	36·3	34·6	34·0	36·2	36·2
16	39·0	39·0	39·2	39·2	38·9	38·9	38·9	38·9	37·9	37·9	37·1	37·1	36·9	35·5	37·7	37·7	40·5	40·5	41·1	41·1	41·7	41·7	41·9	41·9	37·6	37·5
17	43·9	43·9	43·0	43·0	43·0	43·0	43·6	43·6	43·5	43·5	43·9	43·9	43·1	43·1	42·7	42·7	42·9	42·9	42·2	42·3	42·4	42·4	42·2	42·2	43·1	43·1
18	42·9	42·9	43·0	43·0	43·0	43·0	43·1	43·1	43·8	43·8	44·0	44·0	43·9	43·9	43·4	43·4	43·0	43·0	42·8	42·8	42·3	42·4	42·9	42·9	43·1	43·1
19	46·7	46·7	46·6	46·7	47·3	47·3	47·0	46·0	47·9	45·7	52·0	46·0	52·0	46·0	51·2	45·5	50·2	44·0	50·2	44·2	49·4	44·0	48·5	46·1	46·9	45·2
20	55·4	51·8	58·0	52·8	58·1	52·3	58·9	52·6	59·0	52·8	58·1	53·5	56·0	52·6	55·7	52·3	54·4	52·0	53·2	52·0	52·2	51·0	51·7	50·8	53·5	49·0
21	64·0	57·0	64·9	56·9	60·7	54·6	61·3	55·1	60·9	55·0	59·7	54·9	57·3	53·8	55·7	50·3	54·3	50·9	53·9	50·9	53·7	50·9	52·7	48·9	55·9	52·2
22	60·2	49·8	61·1	52·1	59·3	51·7	60·0	52·9	58·6	51·8	56·5	51·4	55·0	51·0	52·6	50·8	50·8	49·7	51·8	46·9	51·7	47·0	49·9	46·2	54·4	48·4
23	56·4	50·2	56·2	49·0	58·1	49·6	59·9	50·1	58·4	48·3	56·8	44·8	53·7	44·6	51·0	42·7	50·6	43·1	47·2	43·9	47·2	43·0	48·0	44·8	52·9	47·1
24	49·0	49·0	49·2	49·2	49·8	49·8	49·9	49·9	50·0	50·0	49·5	49·5	49·0	49·0	49·0	49·0	48·5	48·5	48·7	48·7	48·1	48·1	48·0	47·2	49·3	48·7
25	53·0	50·5	53·8	50·0	53·8	48·8	54·9	48·7	53·9	50·1	52·4	49·2	51·4	48·8	50·3	49·0	50·0	49·9	49·2	48·1	49·3	47·9	48·7	48·7	50·5	49·1
26	51·0	51·0	50·1	50·1	50·8	50·8	50·8	50·8	49·9	49·9	50·8	50·8	50·1	50·1	50·0	50·0	50·1	50·1	49·7	49·7	48·2	48·2	47·2	47·2	49·7	49·7
27	43·7	43·7	43·0	42·8	43·6	43·2	44·2	43·9	45·1	44·2	46·0	44·9	45·0	44·4	43·8	43·0	43·2	43·0	42·2	41·7	42·0	41·3	42·2	42·2	44·5	44·2
28	43·0	43·0	43·4	43·4	44·2	44·2	45·0	45·0	43·2	43·2	44·2	44·2	44·1	44·1	43·9	43·9	43·9	43·9	43·0	43·1	42·0	42·0	41·0	41·0	43·2	43·0
29	42·0	42·0	42·6	42·6	43·0	43·0	43·2	43·2	43·4	43·4	43·0	43·0	43·0	43·0	42·4	42·4	42·0	42·0	41·1	41·1	40·0	40·0	40·2	40·2	41·1	41·1
30	42·0	42·0	42·0	42·0	42·8	42·8	42·4	42·4	42·2	42·2	42·9	42·9	42·7	42·7	42·9	42·9	43·2	43·2	42·0	42·0	41·8	41·8	41·0	41·0	41·6	41·6
MEAN.	45·2	42·3	45·5	42·5	45·4	42·6	45·6	42·6	45·1	42·2	44·8	41·9	44·0	41·5	43·1	40·8	42·7	40·3	42·1	39·8	41·6	39·5	41·2	39·3	43·1	40·7

TEMPERATURE. DRY AND WET BULBS. JUNE 1891.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	54·1	48·9	53·3	48·6	53·3	48·9	52·5	48·9	55·4	50·2	55·2	50·4	56·0	51·2	57·7	53·0	59·2	53·4	63·0	55·4	65·0	57·0	66·9	57·0	71·6	52·5
2	59·5	50·4	57·6	49·8	57·1	49·4	54·6	43·7	54·6	43·8	57·1	45·2	61·0	53·1	65·9	55·0	68·6	56·8	70·4	56·9	70·2	58·0	70·8	58·8	71·2	54·0
3	52·1	49·0	51·1	48·1	50·6	47·6	50·6	47·4	50·3	47·4	50·4	47·6	52·3	48·6	53·8	49·9	55·0	51·2	56·0	51·2	57·3	52·1	56·8	51·8	58·6	44·7
4	44·5	40·2	43·8	39·3	43·0	39·0	43·0	38·6	43·6	39·0	45·5	40·6	47·2	42·2	48·9	43·3	50·9	44·8	53·6	46·7	56·0	48·5	56·8	49·0	59·0	42·9
5	46·1	43·0	46·1	43·0	45·4	42·7	46·9	43·3	46·9	43·3	49·3	44·9	52·7	46·7	55·1	48·1	58·0	49·9	59·8	50·9	60·0	50·2	59·9	50·2	64·5	44·4
6	45·0	41·9	43·9	41·1	43·1	40·7	44·0	41·2	45·0	42·0	45·6	40·8	46·4	42·2	48·4	43·3	50·0	44·0	53·1	46·3	56·0	48·0	58·9	49·7	64·2	43·0
7	47·1	44·3	44·9	42·6	44·2	42·0	43·8	41·3	44·9	42·6	47·9	44·9	49·3	46·3	49·2	46·1	49·0	45·8	50·7	45·7	52·2	45·9	53·7	46·4	56·3	43·0
8	44·2	41·0	44·1	40·9	43·0	40·1	44·2	41·2	45·3	42·7	46·5	43·3	51·0	45·5	53·3	46·2	55·8	47·1	57·4	48·1	59·5	49·2	61·8	50·0	65·4	42·8
9	46·1	42·9	43·6	40·9	42·1	39·8	40·0	38·4	42·1	39·9	46·0	42·7	47·9	44·6	51·0	47·0	53·5	47·8	56·3	50·0	58·7	52·0	58·2	52·1	66·5	40·0
10	46·5	43·8	46·2	43·9	45·9	43·3	45·9	43·5	46·4	43·8	48·4	44·8	49·0	44·2	48·7	43·7	53·0	46·2	52·6	46·4	54·2	47·9	54·7	48·0	60·9	44·9
11	43·9	40·9	42·2	39·6	40·1	38·2	39·7	37·7	42·5	39·9	44·5	41·2	47·0	43·7	50·0	45·7	53·2	48·0	55·2	50·0	57·0	50·7	57·9	52·0	67·0	**39·6**
12	47·1	43·7	44·7	41·9	43·7	40·9	41·9	39·3	43·6	40·9	46·3	42·9	48·9	45·0	52·0	46·7	53·6	48·0	54·8	49·2	55·9	50·2	57·2	51·6	64·8	41·8
13	49·1	47·1	49·8	47·6	49·9	47·9	49·9	47·7	50·1	48·0	50·5	47·9	51·5	48·9	50·7	48·9	51·1	49·1	50·6	48·8	50·2	49·0	50·4	49·1	56·3	46·3
14	50·8	48·9	50·8	49·3	52·5	49·9	52·3	49·6	52·1	48·5	52·1	48·1	52·3	48·3	52·2	49·2	52·9	49·2	53·1	51·1	55·0	52·0	55·0	51·4	57·2	49·8
15	49·1	48·1	48·8	47·9	48·9	48·0	48·9	48·0	49·2	48·4	49·2	48·2	49·9	49·0	50·2	49·2	51·3	50·2	52·2	51·4	53·0	52·1	53·8	51·7	54·2	48·6
16	49·8	48·2	49·6	47·8	50·0	48·2	50·4	48·5	50·8	48·6	51·4	49·9	52·1	50·2	53·5	51·2	53·9	52·5	53·3	51·9	54·7	53·0	56·0	53·3	58·2	48·8
17	52·1	51·7	52·4	52·0	52·9	52·4	53·0	52·7	53·6	53·2	54·1	53·7	53·4	53·1	54·8	54·3	54·6	54·3	56·2	55·7	55·9	55·6	56·3	56·0	57·1	51·9
18	53·5	53·2	53·2	53·0	53·3	53·1	53·7	53·3	54·8	54·4	54·8	54·3	54·8	54·4	55·7	55·2	56·3	56·0	55·3	55·0	55·2	55·0	56·2	55·8	57·0	52·8
19	52·9	52·6	52·9	52·7	52·8	52·6	53·0	53·0	53·6	53·3	53·5	53·4	54·0	53·9	54·0	53·7	54·3	54·0	55·7	55·3	57·3	56·2	59·0	57·7	67·9	52·6
20	53·6	52·4	53·0	51·7	52·0	50·8	51·4	50·0	50·0	48·7	51·7	50·2	56·9	54·8	60·0	56·8	63·3	60·0	66·3	61·8	68·6	62·2	69·4	63·3	74·4	49·3
21	57·9	55·4	57·1	55·3	56·3	54·7	55·7	54·0	55·9	54·2	57·6	55·8	59·2	57·4	61·9	59·3	65·2	61·8	66·0	61·4	68·8	63·2	68·3	62·9	75·3	55·9
22	59·4	55·9	57·6	54·8	56·8	53·2	55·9	53·0	55·4	52·7	57·4	54·0	60·0	56·1	62·7	57·3	65·0	58·3	69·9	59·5	72·6	58·0	73·2	58·8	**78·5**	55·1
23	58·2	55·2	56·0	53·6	55·6	53·3	55·4	53·2	55·7	53·3	57·7	54·8	59·8	56·0	60·6	56·2	61·9	57·3	66·0	60·0	70·0	61·7	73·0	62·1	74·8	55·1
24	56·7	52·4	56·4	52·3	54·9	51·5	55·2	51·7	56·1	52·0	54·9	51·9	57·5	53·7	58·6	54·8	67·1	60·6	68·3	61·2	70·6	62·9	68·5	61·8	75·9	54·6
25	59·7	56·9	59·2	56·8	59·7	56·9	59·1	56·4	58·1	56·0	60·6	57·2	61·2	57·9	61·0	57·8	63·8	59·8	67·3	61·9	69·7	63·4	75·7	64·9	**78·5**	58·0
26	65·9	58·7	66·2	59·3	65·1	59·6	64·3	58·8	63·0	58·2	61·9	57·7	67·3	61·9	69·3	62·0	73·3	64·1	73·0	63·9	72·1	63·7	70·1	63·6	74·3	61·7
27	63·3	60·0	63·2	60·0	60·9	59·0	58·2	56·3	57·7	55·4	57·7	55·0	58·2	55·3	60·2	56·8	60·4	55·7	62·6	57·3	63·0	58·2	59·8	56·5	65·9	55·2
28	54·2	52·2	54·9	53·0	54·3	52·4	53·7	51·9	53·4	51·8	57·2	54·6	58·0	55·2	60·0	57·0	60·8	57·1	61·6	57·9	61·8	58·0	60·0	57·3	62·2	53·0
29	54·1	53·2	55·0	53·2	54·9	53·1	55·1	52·8	55·7	52·7	56·3	52·9	57·7	53·6	59·3	54·1	58·7	54·8	58·1	54·0	59·8	54·8	59·6	54·5	60·2	53·7
30	57·0	53·9	57·1	54·0	56·3	53·8	55·5	54·0	55·6	54·2	55·6	54·4	56·8	55·0	56·2	54·8	57·2	55·5	58·2	56·3	58·7	56·3	58·3	55·7	60·0	54·6
MEAN.	52·4	49·5	51·8	49·1	51·3	48·8	50·9	48·3	51·4	48·6	52·6	49·4	54·3	50·9	55·8	51·9	57·7	53·1	59·2	54·0	60·6	54·8	61·2	55·1	65·3	49·7

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	68·0	57·1	68·4	56·1	70·4	57·5	71·0	56·9	67·6	54·7	66·9	53·6	65·2	53·9	64·0	55·1	63·3	52·6	60·1	52·0	59·9	50·8	60·8	50·3	61·6	53·1
2	69·9	58·3	69·0	58·8	68·6	58·0	69·1	58·7	68·0	56·1	68·7	56·1	67·9	54·1	67·0	53·0	65·7	51·8	60·2	50·5	59·9	50·2	54·9	50·2	64·0	53·2
3	57·3	52·1	57·4	52·0	58·2	52·1	57·8	51·3	56·3	50·4	54·3	48·4	52·0	47·2	49·4	45·1	47·7	43·7	46·3	42·4	45·5	41·8	44·9	40·9	52·5	48·3
4	57·2	49·7	58·7	[50·2]	57·3	[50·3]	56·9	50·2	56·4	50·0	55·1	49·3	54·0	48·6	51·8	47·3	49·6	46·4	48·6	45·9	47·4	44·1	48·1	44·2	50·7	45·3
5	61·0	51·4	60·9	51·0	61·0	51·4	63·0	52·5	63·0	52·3	60·6	52·6	57·9	51·3	53·7	48·7	50·5	46·0	48·7	44·7	47·0	43·4	46·1	42·7	54·2	47·7
6	60·9	50·8	63·0	51·7	63·7	[52·2]	61·2	52·4	61·1	54·0	59·7	52·0	60·0	52·8	56·6	50·0	54·0	48·2	51·8	47·2	50·5	46·7	48·3	45·1	52·9	46·8
7	54·4	47·1	54·5	47·4	55·1	50·1	55·0	49·8	53·7	49·0	52·7	48·1	51·7	47·3	49·7	44·4	48·6	43·6	47·4	42·0	45·1	40·4	46·0	41·7	49·6	45·2
8	63·5	51·3	64·1	51·7	65·4	52·9	63·9	51·1	64·0	51·0	63·3	50·7	61·8	50·3	58·7	48·2	56·7	47·6	52·0	46·3	50·0	45·2	46·8	43·2	54·8	46·9
9	62·8	53·8	64·2	54·7	65·3	52·8	64·6	51·6	62·0	55·6	60·1	52·0	58·7	49·2	57·0	49·8	54·6	48·1	53·3	47·8	50·7	46·8	49·0	45·6	53·7	47·7
10	55·9	48·7	58·6	49·8	60·1	50·5	60·4	50·7	60·7	52·8	59·8	52·3	58·3	51·0	55·3	47·1	52·9	47·1	50·0	45·2	47·6	44·6	44·9	41·8	52·3	46·7
11	62·0	53·0	65·0	50·0	66·2	51·0	65·8	51·7	66·2	51·3	66·3	51·6	65·0	51·1	60·7	48·5	56·0	46·3	53·0	44·7	51·2	44·7	49·6	44·3	54·2	46·5
12	59·1	52·4	60·8	53·6	61·7	54·1	63·9	54·2	63·3	54·3	62·5	54·3	58·7	53·0	55·0	50·0	51·3	48·0	49·1	46·2	48·1	45·4	47·1	44·6	52·9	47·9
13	51·1	50·0	53·0	51·7	55·2	52·0	55·7	51·7	54·2	51·6	53·1	50·8	53·1	50·2	52·6	49·3	51·9	49·1	50·3	48·9	50·3	48·9	50·6	48·9	51·5	49·3
14	54·9	50·4	55·0	50·4	55·9	50·9	55·0	50·3	54·8	51·1	53·0	50·1	52·3	49·4	52·4	49·2	51·6	48·2	51·0	47·9	50·6	47·4	49·8	47·2	52·8	49·5
15	53·2	52·0	53·9	52·1	53·7	52·4	53·6	52·1	53·7	52·4	53·7	52·6	53·8	52·5	53·9	51·9	53·2	51·7	53·0	51·2	52·4	50·9	50·5	48·5	51·8	50·5
16	56·0	53·6	57·4	53·1	57·9	53·7	55·6	53·0	55·8	52·7	54·1	50·8	53·6	50·7	53·6	50·3	52·4	50·1	52·2	50·7	52·0	51·0	51·9	51·3	53·3	51·0
17	56·1	55·9	56·1	55·8	54·5	54·1	55·0	54·5	54·7	54·0	54·0	53·4	53·9	53·7	53·9	53·8	53·8	53·6	54·0	53·7	53·7	53·2	53·6	53·2	54·3	53·9
18	56·1	55·6	54·9	54·2	54·9	54·2	54·9	54·2	55·0	55·0	54·9	54·4	54·9	54·7	54·2	54·1	53·9	53·8	53·5	53·2	53·3	53·1	52·8	52·5	54·6	54·2
19	60·1	58·2	61·0	58·7	62·3	58·9	65·4	61·0	67·0	61·9	67·8	62·1	67·1	61·7	63·9	59·6	60·5	57·9	59·6	56·8	57·1	55·2	54·7	53·4	58·3	56·4
20	70·7	64·4	72·2	65·7	74·0	65·7	72·0	65·0	73·5	66·7	73·8	66·2	71·8	65·2	67·7	63·0	63·9	60·8	62·4	60·3	62·6	58·3	59·1	56·4	63·3	59·2
21	71·6	64·1	72·5	64·1	75·1	66·1	74·4	64·9	73·1	64·1	71·1	63·0	71·5	63·4	69·6	61·9	66·8	60·9	66·0	59·7	61·7	58·0	60·8	57·0	65·2	60·1
22	75·3	60·7	76·3	61·6	77·3	63·6	77·5	63·7	77·4	65·0	76·1	66·0	74·1	63·4	72·6	62·4	71·3	61·7	68·0	60·8	64·0	58·8	60·0	56·8	67·3	59·0
23	74·7	62·3	74·5	59·8	73·9	60·3	73·8	61·8	71·2	59·8	70·1	60·0	68·4	59·1	64·5	56·8	59·9	54·8	58·2	53·7	56·8	52·9	60·7	53·7	64·0	57·2
24	68·9	62·3	72·6	64·0	74·0	64·8	73·7	63·7	74·3	65·0	73·6	63·4	72·9	63·8	70·7	61·8	69·3	61·1	67·8	60·5	63·9	59·3	62·0	58·4	65·4	59·0
25	76·7	65·0	77·6	64·2	78·4	64·5	76·8	62·0	75·3	62·9	75·0	61·4	74·3	62·7	73·2	61·7	68·4	60·9	67·9	60·0	68·4	60·2	66·0	58·8	68·0	60·4
26	65·7	63·9	64·9	63·4	66·1	64·0	65·4	63·6	65·2	63·7	64·9	63·1	65·3	63·6	65·6	63·0	65·0	62·2	65·6	61·9	65·1	61·2	64·6	61·0	66·5	61·9
27	60·7	57·0	60·8	56·7	61·9	57·7	62·1	57·7	63·9	58·6	63·8	58·4	64·5	58·7	61·7	57·0	59·0	55·6	56·1	53·6	55·9	53·2	55·2	53·0	60·5	56·8
28	57·9	56·3	57·9	56·0	59·4	57·8	57·6	56·3	59·2	57·4	59·0	57·5	59·1	57·7	58·5	57·3	57·9	56·3	56·5	54·9	56·2	54·0	54·3	53·2	57·6	55·5
29	60·0	56·5	59·0	56·0	59·4	56·6	59·7	57·1	58·0	56·8	57·2	56·4	57·3	56·3	57·2	56·4	57·9	55·3	57·7	54·0	57·0	55·2	57·0	54·2	57·6	54·8
30	60·0	56·9	59·0	55·9	58·7	56·2	57·5	56·3	57·3	56·1	56·7	55·3	56·8	55·7	56·5	55·1	56·1	54·9	55·9	54·7	54·9	53·8	54·6	53·7	57·0	55·1
MEAN.	62·1	55·7	62·8	55·7	63·5	56·2	63·3	56·0	62·9	56·2	62·1	55·5	61·2	55·1	59·4	53·7	57·5	52·6	55·9	51·7	54·6	51·0	53·5	50·2	57·4	52·6

TEMPERATURE. DRY AND WET BULBS. JULY 1891.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	41·1	41·1	41·1	41·1	41·2	41·2	40·3	40·3	40·1	40·1	39·8	39·8	40·0	40·0	40·0	40·0	39·9	39·9	40·0	40·0	39·7	29·7	40·1	40·1	41·4	38·0
2	38·9	38·9	38·3	38·3	39·0	39·0	38·9	38·9	39·0	39·0	39·2	39·2	39·0	39·0	39·0	38·8	39·9	39·9	40·1	40·1	39·8	39·6	40·0	40·0	41·3	36·8
3	36·8	36·2	36·7	36·7	36·5	36·1	36·1	36·1	36·8	36·8	37·1	37·1	37·5	37·5	36·8	36·8	37·0	37·0	39·0	39·0	39·4	39·4	39·5	39·5	39·5	34·8
4	34·8	34·8	35·0	34·4	35·0	35·0	36·0	36·0	36·8	36·8	37·1	37·1	37·6	37·6	38·1	38·1	37·2	37·2	37·1	37·1	37·8	37·8	37·0	37·0	38·1	33·8
5	33·5	33·0	33·2	32·8	32·9	32·7	33·0	32·6	33·1	32·8	34·1	33·6	36·0	35·7	37·7	37·1	38·5	38·0	38·0	37·9	38·9	38·9	38·8	38·8	40·8	32·9
6	40·8	40·8	41·1	41·1	41·0	41·0	41·1	41·1	41·2	41·2	39·2	39·2	38·4	38·4	39·1	39·1	39·2	39·2	38·9	33·9	41·0	41·0	40·1	40·1	44·8	36·8
7	36·2	36·2	37·0	37·0	36·8	36·8	37·0	37·0	37·0	37·0	37·5	37·5	37·8	37·8	38·0	38·0	38·5	38·5	38·7	38·7	38·6	38·6	38·6	38·6	42·3	36·2
8	41·2	41·2	40·9	40·9	40·2	40·2	39·7	39·7	39·0	39·0	39·2	39·2	39·3	39·3	39·3	39·3	39·4	39·4	38·7	38·7	40·0	40·0	40·2	40·2	41·2	35·8
9	37·9	34·8	36·1	34·0	36·1	33·0	37·0	33·0	37·8	35·3	38·7	34·1	39·8	33·9	41·1	35·0	42·7	37·2	42·4	37·0	44·0	38·3	46·5	39·0	47·3	36·1
10	43·3	35·0	43·3	40·0	43·8	39·8	43·1	38·0	44·7	39·2	45·5	40·0	46·0	41·9	46·7	41·0	46·0	41·2	48·0	42·7	48·0	42·7	47·2	44·0	48·6	39·9
11	44·2	40·3	43·8	42·0	45·3	40·0	45·9	38·9	45·8	41·9	43·1	42·0	44·2	42·3	44·5	43·8	46·1	43·7	43·0	42·4	42·5	41·2	43·6	42·1	46·1	38·0
12	38·5	38·5	38·4	38·4	38·3	38·3	38·0	38·0	37·8	37·8	36·9	36·9	37·7	37·7	37·9	37·9	38·8	38·8	39·9	39·9	41·0	41·0	40·4	40·4	42·1	36·9
13	41·6	41·6	41·2	41·2	41·3	41·3	41·3	41·3	41·8	41·8	42·0	42·0	42·5	42·5	43·0	43·0	43·0	43·0	43·9	43·9	44·4	44·1	45·4	40·1	47·5	41·2
14	42·8	42·8	42·6	42·6	42·2	42·0	42·6	42·6	43·1	43·1	43·6	43·6	44·4	44·4	46·0	46·0	46·4	46·3	47·0	46·2	48·4	47·1	49·9	47·8	51·7	42·2
15	43·8	42·3	42·9	40·0	43·0	38·2	43·0	38·4	43·8	39·3	43·9	39·7	44·3	37·6	45·1	39·0	46·8	42·3	48·0	43·6	49·0	45·2	49·0	46·0	52·0	42·9
16	49·3	43·7	48·0	43·2	47·9	45·5	48·8	48·3	48·9	48·2	49·9	48·9	47·5	47·5	49·1	49·1	51·4	50·4	49·0	49·0	49·8	49·8	50·0	49·9	52·8	46·2
17	46·3	46·3	46·0	46·0	45·9	45·9	46·3	46·3	46·2	46·2	46·3	46·3	46·0	46·0	46·0	46·0	46·0	46·0	46·2	46·2	46·5	46·5	47·0	47·0	47·2	43·0
18	43·3	43·2	42·8	42·8	43·2	42·3	43·6	43·3	44·0	44·0	43·8	43·8	44·0	44·0	44·8	44·8	44·9	44·8	45·9	45·6	46·9	46·5	46·2	46·2	46·9	39·4
19	38·7	38·1	37·3	37·1	37·0	37·0	37·0	37·0	37·2	37·2	37·5	37·5	37·4	37·4	39·6	39·2	40·2	40·2	41·0	40·5	41·9	40·9	42·9	41·1	43·3	37·0
20	40·3	40·3	40·8	40·8	40·7	40·7	40·2	40·2	40·7	40·7	41·2	41·2	40·0	40·0	39·9	39·9	40·4	40·4	41·7	41·7	42·2	42·2	42·9	42·9	43·1	39·9
21	42·0	42·0	42·0	42·0	41·9	41·9	41·5	41·5	41·8	41·8	41·8	41·8	41·7	41·7	42·7	42·7	42·8	42·8	42·5	42·5	42·8	42·8	43·0	43·0	43·7	38·8
22	38·7	37·3	37·9	37·6	37·9	37·0	37·6	37·0	37·9	37·0	38·8	38·8	39·8	39·8	39·9	39·9	40·5	40·5	40·9	40·9	40·6	40·6	39·9	39·9	40·9	37·6
23	40·0	40·0	39·6	39·6	40·3	40·3	39·9	39·9	40·0	40·0	40·4	40·4	40·6	40·6	41·0	41·0	39·2	39·2	44·8	44·8	45·0	45·0	45·0	45·0	45·0	37·8
24	42·2	42·2	42·3	42·3	42·4	42·4	41·3	41·3	38·1	38·1	36·0	36·0	37·0	37·0	36·2	36·2	36·8	36·8	36·4	36·4	36·8	36·8	37·0	37·0	42·4	36·0
25	36·3	36·3	35·9	35·9	36·1	36·1	36·5	36·5	36·0	36·0	35·8	35·8	36·0	36·0	36·5	36·5	36·7	36·7	38·0	38·0	38·7	38·7	39·0	39·0	41·7	35·8
26	38·8	38·8	37·2	37·2	36·8	36·8	38·4	38·4	39·8	39·8	40·0	40·0	41·0	41·0	42·5	42·5	43·5	43·5	43·9	43·9	43·8	43·8	44·1	44·1	44·1	36·8
27	38·0	38·0	37·0	37·0	35·7	35·7	34·9	34·9	31·8	31·8	31·5	32·0	29·8	30·8	31·0	31·0	31·0	31·0	31·2	31·2	31·8	31·8	32·1	32·0	38·0	29·8
28	31·5	31·5	31·9	31·9	30·8	31·7	31·1	31·1	30·8	30·8	31·0	31·0	31·8	31·8	31·9	31·9	32·0	32·0	32·0	32·0	32·0	32·0	32·1	32·0	33·0	29·6
29	29·1	29·1	29·2	29·2	30·3	30·3	31·1	31·1	32·0	32·0	32·0	32·0	32·0	32·0	32·4	32·1	34·6	34·6	35·9	35·9	36·5	36·5	37·4	37·4	39·0	29·1
30	37·4	37·4	36·5	36·5	36·1	36·1	36·0	36·0	36·2	36·2	36·0	36·0	35·8	35·8	36·0	36·0	36·5	36·5	37·0	37·0	38·0	38·0	38·7	38·7	44·8	35·8
31	40·7	40·7	40·6	40·1	40·2	39·9	40·3	39·0	41·1	33·5	42·7	32·8	42·8	34·3	43·7	32·8	41·7	32·3	47·4	35·4	42·5	35·5	47·9	35·2	49·7	40·2
MEAN.	39·6	38·8	39·2	38·7	39·2	38·5	39·3	38·5	39·4	38·5	39·4	38·6	39·6	38·8	40·2	39·2	40·6	39·7	41·2	40·2	41·6	40·7	42·0	40·8	43·9	37·3

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	40·0	40·0	40·0	40·0	40·9	40·4	40·9	40·7	41·4	40·8	41·2	40·2	40·9	40·0	39·0	38·1	38·7	38·2	38·0	38·0	38·2	38·0	38·9	38·9	40·1	39·9
2	41·3	41·3	40·8	40·8	41·2	41·0	40·8	40·2	38·8	38·7	38·0	38·0	38·2	38·2	37·6	37·5	38·1	38·1	37·7	37·7	37·3	37·3	36·8	36·3	39·1	39·0
3	39·2	39·2	39·0	39·0	39·2	39·2	39·2	39·2	39·5	39·5	38·7	38·7	38·0	38·0	37·2	37·2	36·7	36·7	35·3	35·3	34·9	34·9	34·8	34·8	37·5	37·5
4	37·7	37·7	37·3	37·3	38·0	38·0	37·6	37·6	37·3	37·3	37·0	37·0	36·6	36·6	36·1	36·1	35·8	35·8	35·8	35·8	34·9	34·9	33·8	33·8	36·6	36·5
5	39·0	39·0	39·6	39·6	39·7	39·7	40·1	40·1	40·0	40·0	40·0	40·0	39·4	39·4	39·8	39·8	40·0	40·0	40·1	40·1	40·3	40·3	40·8	40·8	37·8	37·6
6	41·0	40·0	43·9	42·1	44·8	42·1	42·1	40·2	40·3	40·3	39·0	39·0	38·0	38·0	37·0	36·7	37·0	37·0	37·1	37·1	37·0	37·0	36·8	36·8	39·8	39·5
7	39·9	39·9	41·1	41·1	41·1	41·1	41·8	41·8	41·9	41·9	42·1	42·1	42·0	42·0	42·3	42·3	42·0	41·9	40·9	40·9	41·3	41·3	41·2	41·2	39·6	39·6
8	39·0	39·0	39·0	39·0	39·8	39·8	38·8	38·8	38·0	38·0	37·8	37·8	37·5	37·5	37·1	37·1	37·0	37·0	35·8	35·6	35·8	35·0	36·1	34·8	38·7	38·6
9	46·0	40·2	46·6	39·1	47·3	43·5	44·6	42·0	46·1	43·9	43·7	42·5	46·5	41·2	44·4	37·8	43·1	34·4	43·0	36·7	42·8	35·1	43·3	35·1	42·4	37·3
10	48·6	43·6	45·0	43·8	47·9	43·3	46·8	43·7	43·8	42·3	42·0	41·3	40·9	40·3	43·9	39·0	41·2	40·2	42·1	40·0	39·9	39·2	43·1	39·2	44·6	40·9
11	45·4	43·9	45·2	44·2	44·0	43·8	43·3	43·3	43·0	42·3	42·2	42·2	41·7	41·7	40·8	40·9	39·3	39·3	38·9	38·9	38·8	38·8	38·0	38·0	43·0	41·6
12	41·0	41·0	41·8	41·8	41·9	41·9	42·1	42·1	42·0	42·0	42·0	42·0	42·0	42·0	41·8	41·8	40·8	40·8	41·0	41·0	41·0	41·0	41·2	41·2	40·1	40·1
13	46·5	45·6	45·3	44·7	46·8	45·5	45·7	43·8	47·5	45·1	46·9	44·9	45·0	43·2	43·3	42·2	43·2	42·0	42·2	41·8	43·2	42·7	42·3	42·2	43·7	42·9
14	50·8	48·4	50·9	48·6	51·2	49·0	51·7	49·7	51·0	49·2	50·4	48·8	49·0	48·0	47·8	47·2	46·2	46·1	46·2	44·3	45·7	44·0	44·3	43·7	46·8	45·9
15	49·9	44·9	50·5	47·0	51·7	46·7	51·0	47·0	52·0	46·4	52·0	46·4	52·0	45·7	50·0	45·0	50·8	42·0	50·7	41·0	50·3	41·7	48·3	42·2	48·0	42·8
16	51·4	50·4	52·8	50·9	51·8	49·8	51·3	50·2	52·0	50·2	50·9	50·2	50·1	49·7	48·9	48·7	48·7	48·7	48·0	48·0	47·3	47·3	46·2	46·2	49·5	48·5
17	47·0	47·0	46·6	46·6	46·8	46·8	45·5	45·5	47·2	47·2	45·8	45·8	43·0	41·0	43·2	42·3	43·3	42·8	44·3	44·3	44·3	44·0	43·9	43·7	45·7	45·5
18	44·2	44·2	46·2	46·2	46·8	46·3	46·0	45·3	45·1	44·8	45·5	44·0	44·4	43·8	42·7	41·2	41·3	40·7	40·7	40·0	40·1	39·5	39·4	38·7	44·0	43·6
19	43·0	42·1	42·5	42·0	43·3	43·0	42·9	42·9	42·6	42·6	42·0	42·0	41·9	41·9	42·0	42·0	41·3	41·3	42·0	42·0	41·3	41·3	40·4	40·4	40·5	40·3
20	42·7	42·7	42·7	42·7	42·4	42·4	43·0	43·0	43·0	43·0	43·1	43·1	42·9	42·9	43·0	43·0	42·2	42·2	42·0	42·0	42·2	42·2	42·1	42·1	41·8	41·8
21	42·6	42·6	43·7	43·7	43·0	43·0	41·4	41·4	40·4	40·4	40·8	40·1	40·0	39·3	39·7	38·8	39·4	38·2	39·8	39·8	38·8	38·0	38·8	38·7	41·5	41·3
22	38·9	38·9	39·0	39·0	39·3	39·3	39·4	39·4	40·0	39·9	40·1	40·1	40·2	40·2	40·2	40·2	40·3	40·3	40·4	40·4	40·3	40·3	40·0	40·0	39·5	39·3
23	44·9	44·9	44·8	44·8	44·9	44·8	44·6	44·4	43·6	43·6	41·8	41·8	39·5	39·5	37·8	32·7	40·8	39·2	40·2	40·2	40·8	40·8	41·8	41·8	41·7	41·4
24	37·2	37·2	37·6	37·6	37·4	37·4	37·3	37·3	37·2	37·2	37·6	37·6	37·2	37·2	36·3	36·3	36·8	36·8	36·4	36·4	36·2	36·2	36·4	36·4	37·8	37·8
25	39·8	39·9	40·9	40·9	41·7	41·7	41·2	41·2	40·3	40·3	39·5	39·5	38·9	38·9	39·4	39·4	39·1	39·1	38·0	38·0	38·2	38·2	38·0	38·0	38·2	38·2
26	43·6	43·6	43·0	43·0	41·9	41·9	41·3	41·3	41·9	41·9	41·3	41·3	41·0	41·0	41·0	41·0	40·7	40·7	40·9	40·9	40·0	40·0	39·7	39·7	41·1	41·1
27	32·8	32·2	33·2	33·2	33·2	33·2	32·8	32·8	32·3	32·3	32·0	32·0	32·1	32·1	33·2	33·2	33·6	33·6	32·9	32·9	32·8	32·8	31·8	31·8	32·9	32·9
28	33·0	32·5	32·7	32·7	32·7	32·7	31·3	31·3	32·0	32·0	30·8	31·4	31·0	31·0	30·9	30·9	30·8	30·8	30·2	30·2	30·1	30·1	29·6	29·6	31·4	31·5
29	38·2	38·2	38·2	38·2	38·3	38·3	39·0	39·0	38·8	38·8	38·9	38·9	38·4	38·4	37·9	37·9	37·7	37·7	37·6	37·6	37·4	37·4	37·8	37·8	35·4	35·4
30	39·4	39·0	41·3	40·9	42·8	41·9	44·8	44·0	44·2	43·0	43·3	42·8	42·5	42·2	41·1	41·1	40·3	40·3	40·3	40·3	40·0	40·0	39·6	39·6	39·2	39·0
31	48·1	36·7	49·5	40·0	49·7	39·8	49·3	40·5	48·2	40·5	48·3	43·0	47·2	43·0	46·0	43·0	44·8	41·0	45·3	43·3	44·1	39·1	44·2	41·0	44·8	38·4
MEAN.	42·3	41·2	42·6	41·6	43·0	41·8	42·5	41·6	42·3	41·5	41·8	41·1	41·2	40·4	40·7	39·7	40·4	39·4	40·1	39·4	39·8	39·0	39·7	38·9	40·7	39·9

TEMPERATURE. DRY AND WET BULBS. JULY 1891.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	54·7	53·7	54·7	53·5	54·7	53·7	53·6	52·3	54·2	53·4	54·9	53·9	55·3	54·0	54·1	53·2	54·7	53·3	56·1	54·1	57·6	54·5	59·2	55·0	64·3	49·7
2	48·7	46·6	47·3	45·1	47·0	44·9	47·0	45·0	47·6	45·4	50·4	48·1	51·7	49·1	54·5	52·1	57·1	53·7	57·8	54·8	58·1	55·2	58·9	55·4	60·7	46·4
3	52·8	51·8	53·0	51·2	52·9	51·5	52·8	51·5	52·7	51·6	52·4	50·6	53·1	52·0	53·3	52·0	55·9	53·7	57·2	54·6	58·0	55·0	61·5	54·8	62·8	51·3
4	52·1	49·1	52·0	49·1	51·9	49·2	52·2	49·6	52·8	51·0	52·3	51·5	53·1	51·9	54·5	52·8	56·0	52·5	56·5	51·7	57·0	53·4	58·5	53·1	59·3	51·4
5	50·4	47·9	49·8	47·4	49·9	47·2	48·9	47·3	50·1	48·0	50·3	48·2	51·8	49·9	54·0	50·5	55·9	52·2	56·9	52·3	57·2	52·6	56·6	52·5	59·9	48·6
6	55·8	53·7	55·1	53·9	54·8	53·8	54·6	53·9	54·0	53·3	53·2	52·0	54·3	52·6	54·4	52·9	53·8	51·8	56·3	53·3	58·2	53·8	58·4	54·5	65·8	51·2
7	51·7	49·7	51·6	50·1	51·4	49·9	51·8	50·2	51·9	50·1	52·3	50·6	53·2	51·4	54·4	51·8	54·6	52·2	53·6	51·7	54·0	52·9	53·8	52·7	63·9	51·3
8	55·7	54·1	55·8	53·9	55·0	52·9	53·6	52·3	53·5	52·0	53·8	52·4	54·1	53·0	54·4	53·3	54·5	52·6	53·8	52·5	55·2	53·9	55·0	53·8	56·2	51·6
9	50·8	48·2	50·3	47·5	50·1	46·8	49·5	46·9	49·8	47·0	50·7	47·0	51·6	47·0	53·2	48·1	52·4	47·8	54·0	48·9	55·7	50·0	57·3	51·6	65·2	49·3
10	51·0	47·9	51·9	48·6	52·6	49·6	52·8	49·7	53·9	50·9	54·6	51·8	55·7	52·6	56·0	52·7	58·9	55·0	58·9	54·3	58·4	54·6	59·3	55·0	61·8	50·8
11	54·2	52·2	54·0	51·8	54·6	51·3	53·8	51·1	53·5	51·2	54·4	51·9	55·0	52·2	55·2	51·9	55·3	52·9	56·9	53·3	57·1	53·6	57·3	54·2	58·3	53·0
12	53·3	52·1	52·9	52·0	52·8	52·0	52·9	51·9	53·1	52·2	53·4	52·3	54·2	53·0	55·1	53·4	56·1	54·0	58·5	55·4	59·0	55·0	58·8	54·7	59·2	52·5
13	55·3	54·3	55·0	54·2	55·2	54·2	55·2	54·3	54·9	54·2	55·7	54·9	56·5	55·2	55·9	55·2	56·7	56·0	59·1	57·4	62·0	59·0	62·7	58·2	67·4	52·4
14	50·5	48·4	50·1	48·2	50·4	48·2	48·3	46·5	49·4	47·1	51·3	49·1	56·0	53·0	56·3	54·0	61·9	56·6	63·2	58·0	65·0	59·1	66·0	60·0	72·5	47·8
15	54·8	52·9	54·9	52·8	54·5	52·3	54·5	51·9	54·9	51·9	55·0	52·1	58·0	53·8	60·0	55·0	60·1	54·7	60·6	55·2	63·0	56·1	64·0	56·8	67·8	54·4
16	56·6	53·3	55·5	52·8	55·1	52·2	55·4	52·5	55·2	52·7	55·8	52·9	55·9	53·9	58·1	55·5	61·2	56·9	59·0	55·3	60·2	56·9	60·8	57·0	68·0	54·9
17	58·0	57·0	58·1	57·1	58·2	57·3	58·3	57·4	58·2	57·5	57·9	57·0	58·4	57·7	58·8	57·8	58·8	57·8	58·7	57·9	56·2	55·8	55·9	55·4	63·0	53·3
18	54·0	53·0	53·0	52·0	52·2	51·3	53·1	51·7	53·3	52·1	55·2	54·0	58·3	56·4	59·8	57·1	66·0	60·5	67·5	58·8	66·7	59·0	64·3	60·0	68·5	52·1
19	52·9	49·8	53·0	50·7	52·5	49·9	52·3	49·1	52·4	49·5	54·1	51·1	57·0	53·0	61·1	54·4	62·9	56·0	63·5	56·1	64·0	57·2	63·1	56·7	66·0	50·4
20	55·3	54·3	55·6	54·7	55·7	54·3	55·2	54·0	55·2	54·1	55·0	53·7	55·0	53·9	55·8	54·2	55·2	54·1	56·0	55·0	57·2	56·0	57·0	56·0	60·9	54·8
21	55·9	55·0	55·3	54·7	56·0	54·8	55·5	54·8	55·8	55·0	55·4	54·8	56·2	55·6	56·8	55·9	58·0	56·9	58·5	57·0	59·7	57·6	61·0	58·1	62·6	54·0
22	53·9	51·6	53·0	50·9	51·8	49·9	52·2	50·0	51·9	50·1	53·2	51·1	53·8	52·0	53·8	52·5	54·9	53·3	56·2	54·3	57·9	56·0	59·7	54·2	60·8	51·5
23	56·4	52·8	56·3	52·7	55·7	52·7	56·0	52·5	55·2	52·3	56·0	52·9	57·0	53·1	57·8	54·2	59·2	55·1	60·7	56·4	59·9	56·1	62·6	57·9	63·1	53·9
24	54·0	53·0	54·2	53·3	54·4	53·6	55·3	52·9	54·1	51·3	54·0	50·9	55·3	51·9	56·9	51·8	56·9	52·0	57·8	52·2	58·5	52·3	58·0	51·9	59·2	53·2
25	54·1	51·2	54·9	50·3	54·2	50·6	54·8	50·3	54·6	50·3	54·2	50·8	54·7	50·8	56·1	51·1	58·0	52·6	58·2	52·7	59·0	53·2	59·7	54·1	60·3	53·7
26	55·2	52·3	55·1	51·5	53·7	50·2	54·1	51·0	54·4	51·6	54·4	52·0	53·2	52·3	54·1	53·3	55·4	54·6	57·9	57·1	61·0	57·9	61·4	57·9	62·2	53·0
27	54·8	52·3	54·5	50·5	54·0	49·9	53·1	49·1	52·3	46·5	51·5	46·0	51·5	45·9	51·9	46·7	53·3	46·1	53·9	47·4	54·8	47·0	54·8	47·1	58·9	51·4
28	52·0	47·5	51·3	47·0	50·8	45·9	50·3	45·9	49·9	46·4	50·3	46·9	50·8	47·3	51·9	47·9	52·8	47·8	54·2	48·1	54·1	48·3	54·8	48·9	57·1	49·9
29	50·0	44·0	49·7	44·7	49·8	44·8	49·6	45·3	50·0	46·5	50·9	47·1	52·6	47·7	53·6	48·1	54·3	49·9	54·9	50·3	55·9	51·2	57·4	52·2	62·1	49·4
30	55·2	51·2	55·0	51·1	52·5	50·2	53·0	50·1	53·1	50·1	53·5	50·4	54·7	51·1	55·0	50·9	58·7	52·9	59·3	53·1	59·0	52·0	62·1	53·5	66·3	51·9
31	54·3	52·0	53·9	51·9	53·6	51·4	53·9	51·0	53·8	51·0	53·4	50·5	55·2	51·9	56·1	52·3	57·2	52·4	57·9	52·7	58·9	54·2	59·7	53·7	64·8	52·9
MEAN.	53·7	51·4	53·4	51·1	53·2	50·9	53·0	50·7	53·1	50·8	53·5	51·2	54·6	52·1	55·6	52·7	57·0	53·5	57·9	53·9	58·7	54·5	59·3	54·7	62·9	51·7

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	59·0	54·8	60·9	55·2	62·2	56·2	63·7	56·7	64·0	55·9	60·1	54·3	61·3	54·6	58·2	52·9	56·2	51·8	53·8	49·7	51·8	48·7	49·7	47·5	56·9	53·5
2	58·4	55·6	58·3	55·8	58·8	55·0	57·3	53·7	56·6	53·3	56·9	54·4	57·5	53·8	56·3	54·0	55·6	54·0	54·7	53·2	53·4	52·3	53·1	52·0	54·3	51·8
3	60·9	53·5	61·9	54·9	61·3	54·4	61·5	55·0	62·0	55·0	58·7	53·0	58·9	53·2	57·0	51·8	55·1	50·3	53·8	49·9	52·1	49·0	52·2	48·8	56·3	52·4
4	57·9	52·7	58·9	52·6	58·6	52·3	57·2	52·2	55·1	51·3	55·9	50·7	55·8	50·6	54·4	51·5	54·0	51·1	52·9	50·2	52·3	49·1	51·4	48·5	54·7	51·2
5	57·1	53·7	57·3	53·7	58·4	54·7	59·0	55·6	59·6	55·0	58·5	54·9	59·0	53·3	58·0	53·2	57·8	53·2	57·8	53·4	56·8	53·7	56·1	53·6	55·3	51·8
6	60·0	54·2	62·2	54·4	65·4	55·0	59·2	52·8	57·4	53·0	52·7	51·5	52·4	51·1	52·3	51·1	51·8	50·5	51·3	50·3	52·1	50·9	52·0	50·2	55·6	52·7
7	55·6	54·0	57·9	55·1	59·8	56·0	58·8	55·6	63·2	58·8	63·7	58·9	61·8	57·2	60·3	56·5	57·9	55·9	57·0	55·5	56·4	54·8	55·5	54·4	55·9	53·6
8	55·0	53·1	54·7	52·7	55·7	52·6	55·0	52·7	54·0	52·3	53·4	51·9	53·4	51·9	53·9	51·8	53·3	50·6	53·0	50·1	52·0	48·6	52·0	48·5	54·2	52·2
9	60·0	53·6	61·5	54·0	63·8	56·0	63·2	55·6	63·7	56·2	62·4	55·0	62·2	54·3	59·2	53·2	57·7	51·6	54·6	50·1	53·9	49·5	52·1	48·3	55·8	50·6
10	60·9	56·1	60·1	55·6	61·0	56·4	60·1	55·7	59·0	55·0	57·3	54·0	56·9	53·4	56·9	53·1	56·2	53·1	54·7	52·4	54·5	52·3	54·1	52·2	56·5	53·0
11	57·3	55·0	58·0	55·5	57·9	55·0	57·0	53·8	56·6	54·0	56·3	53·7	55·1	53·5	54·0	52·8	54·2	52·7	54·0	52·3	53·9	52·3	53·0	52·2	55·4	52·9
12	58·5	54·9	57·9	54·9	56·0	55·0	55·6	54·9	55·9	55·0	55·8	54·8	55·3	54·3	55·4	54·3	54·9	54·0	55·2	54·1	55·3	54·1	55·1	54·1	55·5	53·9
13	64·0	59·1	65·5	58·9	66·8	58·3	63·8	55·3	65·0	56·6	66·7	57·7	65·0	56·9	61·0	54·3	56·9	52·5	54·9	51·7	54·8	51·7	52·7	50·0	59·2	55·4
14	68·6	61·0	70·4	62·0	71·5	61·9	72·2	62·2	68·2	61·0	67·4	60·8	67·2	60·8	64·2	58·8	62·0	57·2	59·9	56·2	58·3	55·2	56·4	54·1	60·6	55·8
15	65·1	57·1	65·7	56·8	66·3	57·3	66·8	57·6	65·2	57·3	63·2	56·6	63·2	56·8	61·0	56·5	59·8	55·7	59·0	54·9	57·6	54·3	56·9	53·7	60·2	55·0
16	62·6	58·7	65·1	60·1	65·4	60·7	67·3	61·8	66·8	61·8	62·7	60·2	60·2	58·4	58·9	57·3	58·2	57·1	57·8	56·6	57·7	56·9	57·9	56·9	59·6	56·6
17	56·7	56·0	57·1	56·2	56·6	55·6	56·8	55·3	58·0	56·2	59·2	56·9	62·9	58·8	58·7	56·7	56·7	55·0	55·0	53·8	54·3	53·1	54·1	52·9	57·6	56·3
18	59·3	58·1	62·9	60·9	64·9	60·4	63·8	59·2	63·0	58·6	62·1	57·0	61·9	57·3	60·4	55·6	59·2	53·1	55·8	51·4	55·9	51·2	54·0	50·4	59·4	55·8
19	63·5	56·9	64·0	58·0	63·9	57·9	61·7	56·3	62·9	56·4	60·9	56·9	60·0	56·7	59·0	56·1	57·9	55·2	56·9	55·1	56·3	55·3	56·0	54·9	58·8	54·6
20	58·0	56·8	58·2	56·9	60·3	58·0	58·9	56·7	58·3	56·7	57·5	56·2	56·8	56·0	56·4	55·6	56·3	55·5	56·2	55·2	56·1	55·1	55·7	54·9	56·5	55·3
21	60·0	57·7	61·5	58·0	61·1	57·9	60·1	56·9	59·4	55·6	58·6	55·0	62·2	57·3	57·8	54·3	57·0	54·0	56·0	53·2	55·2	52·8	54·0	51·8	57·8	55·6
22	60·0	53·9	59·0	53·4	57·9	53·2	57·3	53·0	58·1	53·7	57·1	53·3	57·2	53·4	57·5	53·3	57·9	53·6	57·2	53·2	56·6	53·0	56·4	52·7	56·0	52·7
23	62·0	57·0	62·7	57·9	61·8	56·8	62·0	57·1	60·3	55·8	58·3	53·4	58·0	53·0	56·6	52·1	55·6	52·0	55·3	51·8	54·7	52·1	53·9	52·3	58·1	54·2
24	58·8	52·7	57·1	52·3	57·9	52·7	58·1	51·8	57·0	52·0	56·7	52·1	55·2	51·8	54·5	51·1	54·0	51·3	54·3	51·0	54·1	50·8	53·7	50·8	55·9	52·0
25	59·1	54·7	58·9	54·8	58·2	55·0	57·8	54·2	57·8	54·0	57·7	53·2	57·6	52·9	56·0	52·8	54·9	52·8	54·5	52·2	55·1	52·0	55·2	51·8	56·5	52·4
26	62·0	57·8	61·0	56·3	61·0	56·0	60·9	55·8	58·7	55·2	57·3	53·9	56·4	54·0	55·7	54·0	55·4	53·8	55·2	53·9	55·7	53·0	55·1	53·0	56·8	54·1
27	55·7	48·2	56·2	49·9	55·7	48·5	57·8	50·1	57·2	48·4	56·5	47·7	55·2	48·4	53·4	48·5	53·3	48·4	53·1	48·4	52·9	48·1	51·9	47·1	54·1	48·2
28	55·0	49·0	54·0	48·7	55·6	48·7	56·2	49·0	54·2	46·9	52·9	47·0	52·5	46·9	52·2	46·9	51·9	46·1	51·7	45·9	51·0	45·2	50·3	44·5	52·5	47·2
29	58·4	52·4	58·5	52·9	60·3	53·5	60·9	53·9	60·8	53·9	59·7	53·1	58·4	52·0	57·3	51·7	56·6	51·4	55·9	51·3	55·5	51·2	55·3	51·1	55·3	50·0
30	63·6	54·8	64·3	55·5	65·9	56·1	64·7	57·0	63·1	56·6	61·9	55·9	58·8	55 0	57·2	54·1	55·9	53·1	55·3	52·5	55·0	52·7	54·8	52·0	58·0	53·0
31	60·0	54·1	60·4	54·8	61·5	55·8	62·2	55·8	59·4	54·0	58·0	53·5	60·0	54·9	56·7	53·0	55·9	52·5	55·0	51·9	55·0	51·8	55·0	52·4	57·0	52·9
MEAN.	59·8	55·1	60·4	55·4	61·0	55·6	60·5	55·3	60·0	55·0	58·9	54·4	58·7	54·3	57·1	53·5	56·1	52·9	55·2	52·3	54·7	52·0	54·1	51·5	56·7	53·1

TEMPERATURE. DRY AND WET BULBS. AUGUST 1891.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	42·6	39·5	42·8	41·8	39·7	39·7	40·1	40·1	40·8	40·8	40·4	40·4	40·8	40·8	41·0	41·0	42·0	42·0	42·9	42·9	42·2	42·2	42·4	42·4	42·9	37·1
2	37·0	37·0	36·6	36·6	36·2	36·6	36·0	36·0	36·0	36·0	36·3	36·3	36·5	36·5	36·4	36·4	37·0	37·0	36·6	36·6	37·4	37·4	36·1	36·1	38·3	34·4
3	34·6	34·4	34·2	34·0	34·8	34·7	34·1	33·9	35·0	34·9	35·3	35·1	36·0	35·6	37·0	37·0	37·1	36·9	38·5	38·0	39·0	38·8	38·6	37·9	39·0	34·2
4	37·6	37·6	38·8	38·8	38·8	38·8	37·3	37·3	37·9	37·9	38·5	38·5	38·6	38·6	39·0	39·0	39·6	39·6	40·2	40·1	41·3	41·3	41·5	41·5	42·2	37·3
5	40·9	40·9	40·2	40·2	40·0	40·0	39·8	39·8	39·0	39·0	38·3	38·3	38·2	38·2	41·2	41·0	39·1	39·1	42·4	42·4	43·0	42·9	43·1	43·0	43·1	37·1
6	38·2	36·2	38·7	35·7	37·7	35·8	38·0	30·2	37·5	30·5	39·7	30·7	36·4	34·1	39·4	38·3	39·0	37·7	41·1	36·8	40·3	37·7	38·7	38·2	41·1	36·7
7	37·0	37·0	37·4	37·4	37·6	37·6	39·0	39·0	39·3	39·3	40·3	40·3	41·2	41·2	42·2	42·2	42·8	42·8	42·7	42·7	42·5	42·5	43·0	43·0	45·7	37·0
8	44·5	44·5	45·0	45·0	45·0	45·0	45·0	45·0	43·8	43·8	43·9	43·9	44·3	44·3	45·3	45·3	45·6	45·6	45·7	45·7	45·9	45·9	46·7	46·7	47·0	41·5
9	42·0	42·0	42·4	42·4	42·9	42·9	43·0	43·0	43·0	43·0	43·0	43·0	42·8	42·8	43·5	43·5	44·5	44·5	44·8	44·8	45·0	45·0	45·0	45·0	45·8	40·2
10	40·1	40·1	39·8	39·8	39·2	39·2	38·3	38·3	37·5	37·5	37·2	37·2	37·0	37·0	35·0	32·7	37·2	35·3	38·8	37·1	39·8	38·4	41·7	39·7	42·4	35·0
11	38·8	38·8	38·3	38·3	38·0	38·0	37·0	37·0	37·5	37·5	37·7	37·7	38·0	38·0	38·7	38·7	39·1	39·1	40·4	40·4	41·5	41·5	42·8	42·8	43·3	36·8
12	38·0	38·0	38·2	38·2	37·5	37·5	36·9	36·9	37·8	37·8	37·8	37·8	37·5	37·5	36·9	36·9	36·9	36·9	38·4	38·4	38·8	38·8	38·8	38·8	39·5	35·6
13	37·4	37·4	37·3	37·3	37·0	37·0	36·4	36·4	35·7	35·7	36·2	36·2	36·8	36·8	36·9	36·9	36·2	36·2	36·4	36·4	37·4	37·4	37·2	37·2	38·2	35·7
14	38·4	38·4	40·2	40·2	41·5	41·5	42·4	42·4	43·0	43·0	43·4	43·4	43·4	43·4	44·1	44·1	45·3	45·3	45·5	45·5	45·3	45·3	45·0	45·0	45·5	38·4
15	40·0	40·0	40·0	40·0	37·0	37·0	36·6	36·6	36·4	36·4	37·0	37·0	36·8	36·8	37·0	37·0	37·8	37·8	38·2	38·2	38·7	38·7	38·8	38·8	41·1	36·4
16	38·6	38·6	38·2	38·2	38·0	38·0	37·4	37·4	36·3	36·3	36·2	35·9	35·4	35·3	35·0	34·9	37·4	37·2	37·4	37·0	38·9	38·7	38·9	38·5	42·0	35·0
17	36·5	36·5	35·7	35·7	35·5	35·5	36·0	36·0	36·1	36·1	36·1	36·1	36·8	36·8	36·9	36·9	37·2	37·2	38·1	38·1	38·9	38·9	39·5	39·5	43·0	35·5
18	43·1	43·1	43·4	43·4	43·0	43·0	42·3	42·3	41·3	41·3	41·0	41·0	40·9	40·9	41·8	41·8	42·6	42·6	43·0	43·0	44·0	44·0	45·0	44·8	**49·1**	40·9
19	41·8	41·8	41·7	41·7	41·8	41·8	41·5	41·5	41·4	41·4	41·0	41·0	40·3	40·3	39·9	39·9	39·8	39·8	40·7	40·7	41·3	41·1	41·8	41·7	42·4	39·6
20	39·6	39·6	39·7	39·7	39·8	39·8	40·0	[39·8]	40·0	40·0	39·9	39·9	39·4	39·4	39·8	39·8	40·7	40·6	41·2	41·2	41·8	41·8	42·0	42·0	42·7	39·1
21	39·5	39·3	39·0	38·8	39·2	38·9	39·0	38·8	38·8	38·8	37·8	37·6	37·9	37·9	38·2	38·2	88·4	38·4	38·2	38·2	38·8	38·8	39·2	39·2	39·5	37·8
22	37·4	37·4	37·8	37·8	38·2	38·2	38·2	38·2	38·8	38·8	38·8	38·8	38·4	38·4	38·7	38·7	38·8	38·8	39·4	39·4	39·6	39·6	40·2	40·2	43·4	36·4
23	35·1	35·1	33·3	33·3	33·0	33·0	32·4	32·4	33·3	33·3	32·9	32·9	32·4	32·4	32·7	32·7	33·2	33·2	34·8	34·8	36·1	36·0	37·4	37·3	41·5	32·4
24	36·0	36·0	36·0	36·0	34·5	34·5	35·9	35·9	35·8	35·8	36·7	36·7	36·8	36·8	37·0	37·0	37·2	37·2	37·3	37·3	38·2	38·2	39·0	39·0	42·2	34·5
25	41·2	41·2	40·9	40·9	40·5	40·5	40·0	40·0	38·4	38·4	37·2	37·2	37·7	37·7	37·6	37·6	37·4	37·4	38·3	38·3	38·2	38·2	38·2	38·2	43·1	37·2
26	41·7	41·7	41·7	41·7	41·2	41·2	40·4	40·4	40·0	40·0	39·6	39·6	38·7	38·7	35·9	35·9	37·5	37·5	37·6	37·6	38·2	38·2	39·0	39·0	41·7	35·7
27	36·0	36·0	36·0	36·0	35·2	[35·1]	[35·0	35·0]	35·5	35·5	35·6	35·6	35·7	35·7	35·8	35·8	37·1	37·1	37·2	37·2	38·1	38·1	40·9	40·3	41·7	35·0
28	33·2	33·0	34·5	34·5	35·0	35·0	35·8	35·8	35·8	35·8	35·4	35·4	34·2	34·2	34·0	34·0	34·8	34·8	34·8	34·8	34·8	34·8	35·6	35·6	37·0	33·0
29	33·7	33·7	33·2	33·2	33·0	33·0	33·0	33·0	32·0	32·0	32·0	32·0	32·0	32·0	32·1	32·1	32·8	32·4	35·8	35·8	34·1	34·0	33·9	33·8	35·8	29·2
30	29·2	29·0	28·8	28·7	29·0	29·0	29·0	29·0	30·0	30·0	30·0	30·0	31·8	31·5	32·0	32·0	32·6	32·0	33·0	32·6	34·0	34·0	34·3	34·3	36·2	**28·8**
31	34·0	[33·9]	34·0	[33·9]	34·0	[33·9]	33·5	33·5	33·8	33·8	34·8	34·8	35·4	35·4	35·9	35·9	36·5	36·5	36·8	36·8	37·7	37·7	38·5	38·5	44·5	33·5
MEAN.	38·2	38·0	38·2	38·0	37·9	37·8	37·7	37·4	37·7	37·4	37·7	37·4	37·7	37·6	38·0	37·8	38·5	38·3	39·3	39·0	39·7	39·5	40·1	39·9	42·0	36·0

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	41·8	41·8	42·6	42·6	42·7	42·7	42·6	42·6	42·6	42·6	42·5	42·5	42·0	42·0	41·9	41·9	40·0	40·0	38·6	38·6	37·3	37·3	37·1	37·1	41·2	40·8
2	37·1	37·1	38·3	38·3	37·8	37·8	37·9	37·9	37·9	37·9	36·0	36·0	37·0	37·0	35·8	35·8	35·3	35·3	34·5	34·5	34·4	34·4	34·4	34·2	36·4	36·4
3	38·0	37·9	38·3	37·0	38·0	36·8	37·0	36·3	38·0	37·5	36·0	36·0	37·2	37·2	37·7	37·7	38·0	38·0	37·9	37·9	38·1	38·1	37·3	37·3	36·9	36·6
4	42·1	42·1	41·8	41·8	42·2	42·2	42·1	42·1	42·0	42·0	42·0	42·0	41·5	41·5	40·9	40·9	40·8	40·4	40·8	40·8	40·0	40·0	41·0	41·0	40·3	40·2
5	42·8	42·6	42·1	42·0	42·1	41·3	40·9	40·1	42·7	42·3	41·9	41·3	40·5	40·2	39·2	39·1	38·8	38·8	39·2	35·4	38·5	38·1	37·1	34·9	40·5	40·0
6	40·7	38·2	39·2	39·0	38·7	38·7	38·4	38·4	38·1	38·1	37·4	[37·5]	37·4	37·4	36·9	36·9	36·7	36·7	36·8	36·8	37·1	37·1	37·0	37·0	38·3	36·4
7	43·5	43·5	43·5	43·5	43·8	43·8	44·4	44·4	44·0	44·0	44·0	44·0	44·8	44·8	45·0	45·0	45·1	45·1	44·5	44·5	45·7	45·7	44·2	44·2	42·4	42·4
8	47·0	47·0	46·6	46·6	46·7	46·7	45·9	45·9	45·0	45·0	44·8	44·8	44·7	44·7	44·5	44·5	44·3	44·3	42·8	42·8	41·8	41·8	41·5	41·5	44·8	44·8
9	44·9	44·9	45·8	45·8	44·7	44·7	45·0	44·9	44·6	44·6	44·4	44·4	43·7	43·7	42·8	42·7	42·4	42·4	41·4	41·4	40·5	40·5	40·2	40·2	43·4	43·4
10	42·3	40·2	42·4	40·2	42·4	40·0	41·7	39·2	41·2	38·6	40·0	38·5	38·8	38·1	38·3	38·2	38·8	38·8	39·3	39·3	39·3	39·3	39·3	39·3	39·4	38·4
11	43·3	43·3	39·2	39·2	39·7	39·7	38·3	38·3	37·9	37·9	37·8	37·8	37·9	37·9	38·2	38·2	37·0	37·0	36·8	36·8	37·6	37·6	38·0	38·0	38·7	38·7
12	38·8	38·8	38·6	38·6	38·6	38·6	39·4	39·4	39·5	39·5	39·4	39·4	38·0	38·0	36·8	36·8	37·0	37·0	36·5	36·5	35·6	35·6	37·0	37·0	37·9	37·9
13	37·8	37·8	38·2	38·2	37·5	37·5	37·7	37·7	38·0	38·0	38·2	38·2	38·0	38·0	37·0	36·9	37·3	37·3	38·0	38·0	36·8	35·4	38·2	38·2	37·2	37·2
14	45·0	45·0	44·8	44·8	44·4	44·4	44·9	44·9	44·9	44·9	44·8	44·8	44·7	44·7	43·9	43·9	42·4	42·4	40·6	40·6	40·4	40·4	40·3	40·3	43·3	43·3
15	38·0	38·0	38·4	38·4	39·4	39·4	40·5	40·5	41·1	41·1	41·1	41·1	40·5	40·5	39·9	39·9	39·5	39·5	39·4	39·4	39·2	39·2	38·7	38·7	38·8	38·8
16	39·4	39·0	41·9	40·2	41·1	39·8	42·0	40·5	40·8	39·3	39·5	38·3	38·8	37·7	38·0	37·0	37·4	36·0	37·1	35·9	37·0	37·0	36·8	36·8	38·2	37·6
17	40·2	40·2	40·8	40·8	41·2	41·2	41·6	41·6	41·9	41·9	42·1	42·1	42·4	42·4	42·6	42·6	42·5	42·5	42·8	42·8	42·5	42·5	43·0	42·9	39·5	39·4
18	46·8	45·1	47·8	45·5	47·2	44·8	49·1	45·0	47·0	45·6	45·6	45·6	45·0	45·0	43·5	43·5	43·9	43·9	43·7	43·7	43·0	43·0	42·2	42·2	44·0	43·5
19	42·4	41·8	40·0	39·8	42·3	42·1	42·0	41·7	[42·0]	41·8	40·5	39·8	40·2	40·0	40·2	40·2	40·8	40·8	40·9	40·9	40·2	40·2	39·6	39·6	41·0	40·9
20	41·8	41·8	42·3	42·0	42·7	42·7	40·0	39·5	40·0	39·8	40·3	40·0	40·2	40·2	40·0	39·6	39·3	39·1	39·1	38·9	39·6	39·6	39·6	39·6	40·4	40·3
21	38·8	38·8	38·7	38·7	38·8	38·8	38·8	38·8	39·0	39·0	39·2	39·2	38·8	38·8	38·9	38·9	38·0	38·0	37·9	37·9	37·8	37·8	38·1	38·1	38·6	38·6
22	41·4	41·0	42·8	42·2	43·3	43·0	43·4	42·7	42·8	41·9	41·9	41·9	42·1	42·1	41·2	41·0	40·8	[40·9]	39·5	39·5	38·0	38·0	36·4	36·4	39·9	39·8
23	37·7	37·3	39·0	38·3	41·5	40·0	40·2	39·1	39·5	38·6	39·4	38·3	38·8	37·2	37·7	36·5	37·0	36·5	36·6	36·5	36·9	36·8	36·6	36·6	36·1	35·8
24	40·0	40·0	40·6	40·6	41·0	41·0	42·0	42·0	42·2	42·2	42·1	42·1	40·2	40·2	39·7	39·7	40·9	40·9	40·8	40·8	40·7	40·7	41·0	41·0	38·8	38·8
25	37·8	37·8	39·6	39·6	40·1	40·1	40·5	40·5	41·4	41·4	42·4	42·4	43·1	43·1	42·7	42·7	42·5	42·5	42·1	42·1	41·8	41·8	41·9	41·9	40·1	40·1
26	38·6	38·6	38·0	38·0	37·7	37·7	37·2	37·2	37·2	37·2	37·7	37·7	57·0	37·0	36·2	36·2	36·2	36·2	36·0	36·0	35·7	35·7	36·0	36·0	38·1	38·1
27	41·7	40·6	40·3	40·1	40·4	39·7	39·0	38·1	38·2	36·8	38·2	37·9	37·4	36·8	37·2	37·0	36·2	35·8	35·2	34·8	35·0	32·8	33·8	32·7	37·1	36·7
28	36·0	36·0	37·0	37·0	36·0	36·0	33·8	33·8	33·0	33·0	33·5	33·5	34·4	34·4	34·1	34·1	34·2	34·2	33·7	33·7	33·5	33·5	33·8	33·8	34·6	34·6
29	35·2	35·2	34·2	[34·3]	34·9	34·9	33·8	33·8	33·7	33·7	33·0	33·0	31·3	31·1	30·8	30·8	30·9	[32·0]	29·9	[31·6]	29·8	29·7	29·2	29·0	32·7	32·7
30	34·8	34·8	35·2	35·2	36·2	36·0	35·7	35·5	36·0	35·8	35·0	34·8	34·8	34·6	34·7	34·5	34·3	34·1	34·2	34·1	34·7	34·7	34·0	[33·9]	33·1	32·9
31	39·1	39·1	39·0	[38·9]	40·2	40·2	40·9	40·9	41·5	41·5	42·1	42·1	42·6	42·6	43·7	43·7	44·5	44·5	41·4	41·4	41·0	41·0	40·0	40·0	38·4	38·4
MEAN.	40·5	40·2	40·5	40·2	40·8	40·4	40·5	40·1	40·4	40·1	40·1	39·9	39·8	39·6	39·4	39·2	39·1	39·1	38·6	38·5	38·4	38·2	38·2	38·0	39·0	38·8

TEMPERATURE. DRY AND WET BULBS. AUGUST 1891.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	54·7	52·4	54·2	52·7	53·9	52·6	53·9	52·4	53·8	52·3	54·1	53·1	54·1	53·2	55·2	54·3	57·2	55·1	56·0	54·9	56·9	55·8	58·0	56·5	60·9	53·4
2	52·9	51·2	53·9	52·4	53·5	52·3	53·3	51·2	53·2	51·9	53·0	51·8	52·7	50·9	53·9	51·9	55·1	52·6	54·8	52·8	57·1	53·9	53·2	51·9	60·0	48·3
3	49·0	47·2	48·0	46·4	48·6	46·9	47·1	45·2	45·9	44·3	46·2	44·7	48·2	46·9	52·0	50·1	55·7	52·2	57·4	53·0	55·1	52·6	54·1	52·3	59·2	45·3
4	52·9	51·4	52·5	51·5	52·6	51·9	52·7	51·4	51·8	50·1	53·3	51·8	54·4	52·4	54·9	53·3	57·1	54·0	57·7	55·0	60·2	56·3	60·9	56·3	63·6	51·7
5	56·1	53·6	55·6	53·5	55·4	52·9	55·2	52·4	55·0	52·1	55·0	51·6	55·3	52·2	56·3	52·2	56·5	52·9	57·9	53·4	57·9	53·4	59·3	54·3	62·7	54·1
6	52·2	49·2	51·0	47·7	50·2	46·7	49·3	45·7	50·1	45·9	50·3	46·3	53·4	48·9	54·0	49·0	55·5	50·9	56·7	50·9	58·5	52·3	58·8	53·3	60·5	49·0
7	54·7	50·8	54·5	51·0	54·9	51·1	54·2	51·9	53·8	52·2	54·0	53·0	54·8	53·7	56·1	55·1	56·6	55·7	56·6	55·5	56·2	55·2	57·3	56·2	61·9	53·3
8	55·9	55·3	56·0	55·6	56·3	55·9	56·3	55·9	56·3	55·9	55·7	55·1	55·3	55·0	56·0	55·8	56·3	56·0	58·2	57·5	57·8	57·0	59·8	58·7	60·4	55·2
9	55·2	54·1	54·6	53·8	54·9	54·1	54·9	54·1	54·7	54·1	55·8	55·0	56·3	55·5	57·2	56·3	58·6	57·1	59·7	57·9	60·3	58·4	60·9	58·0	63·2	54·5
10	53·8	51·9	53·2	51·2	53·2	51·1	52·9	50·9	52·0	50·1	52·5	49·6	53·9	50·0	55·1	50·7	56·9	51·7	57·6	51·8	58·6	52·3	60·2	52·6	63·0	52·0
11	54·9	52·8	55·2	52·1	53·9	52·0	53·9	50·8	52·9	51·1	53·1	51·1	52·8	51·6	53·2	52·0	55·0	53·4	55·6	53·5	55·6	54·3	56·0	55·0	60·2	52·6
12	53·8	52·3	52·8	51·7	53·1	52·1	53·5	51·3	53·2	52·2	53·0	52·0	53·1	52·0	52·7	51·1	53·1	51·3	53·4	52·6	55·2	54·1	56·7	54·7	62·0	52·4
13	55·0	51·4	54·9	51·2	54·9	50·8	53·4	50·8	53·9	50·2	52·8	50·2	53·7	51·2	54·7	51·5	56·2	51·1	56·7	52·0	57·2	52·9	58·9	52·8	59·7	51·0
14	50·9	49·2	51·1	49·7	51·2	49·8	51·2	50·0	51·5	50·5	52·0	51·0	52·3	51·5	52·9	52·0	54·0	52·8	55·2	53·6	55·7	54·4	56·9	55·9	58·0	50·9
15	54·3	53·0	53·8	52·9	53·7	51·0	53·5	50·9	52·8	50·6	53·9	52·1	54·3	51·4	55·2	52·2	55·7	52·1	56·0	52·9	57·0	52·9	59·0	53·5	59·0	52·6
16	54·8	51·7	54·0	51·3	53·7	51·0	53·2	50·7	52·8	50·2	52·1	49·7	53·7	50·8	55·8	52·9	58·7	53·1	56·7	51·9	58·7	53·1	58·8	51·5	63·1	49·5
17	52·2	49·2	53·5	49·9	52·8	48·4	52·2	48·1	53·8	49·7	54·0	50·0	54·7	50·4	56·6	51·1	58·1	51·9	58·3	52·0	57·9	52·9	58·4	53·1	61·0	50·8
18	60·0	55·9	60·0	56·1	55·5	54·2	55·7	54·1	55·4	53·1	54·8	52·8	55·2	53·3	56·2	54·2	59·3	56·3	63·1	56·5	64·3	56·8	65·7	57·8	**70·6**	54·8
19	57·6	54·4	59·0	54·1	57·8	53·4	58·2	54·1	59·7	54·1	59·9	54·1	60·3	54·0	62·5	55·0	63·3	55·9	64·4	55·2	65·0	55·8	64·3	55·9	66·2	56·9
20	57·6	52·8	57·2	52·8	56·3	52·2	54·5	51·2	54·9	52·1	55·3	52·5	57·2	53·9	57·8	54·7	59·9	55·1	60·3	55·0	61·3	55·6	61·8	56·2	62·4	53·9
21	54·0	52·4	53·9	52·4	53·7	52·0	53·9	52·3	53·1	51·6	54·2	52·0	55·0	53·0	56·0	52·9	55·9	52·9	56·2	52·8	58·0	52·9	58·4	53·9	58·8	52·8
22	53·9	52·3	53·9	51·4	53·3	51·5	53·0	51·7	53·0	51·7	53·7	52·1	55·3	52·2	55·6	52·2	56·8	52·9	59·0	53·1	60·3	54·1	61·4	54·9	66·5	53·0
23	53·2	49·5	51·2	48·0	49·7	46·7	48·0	45·2	50·2	46·9	51·6	47·9	52·3	48·3	53·2	48·8	54·0	48·5	54·9	48·5	55·9	49·4	56·5	50·0	61·8	47·6
24	52·5	50·1	51·4	48·9	51·7	48·8	51·4	48·3	51·4	48·3	51·8	48·7	52·0	48·7	51·4	49·9	52·4	50·9	53·7	51·4	54·3	52·0	54·0	52·6	56·5	51·0
25	52·6	51·7	52·3	51·7	52·6	52·0	52·6	51·9	52·8	52·2	52·5	51·3	52·5	51·1	52·9	51·7	54·9	53·0	55·9	53·7	55·8	54·0	56·6	53·2	57·2	52·0
26	54·0	53·4	54·4	53·5	54·1	53·6	54·7	53·2	54·3	53·0	54·2	52·6	54·9	51·6	53·0	49·7	54·2	51·3	55·0	51·9	54·3	52·6	56·4	53·4	59·8	51·9
27	52·3	50·9	52·0	50·4	51·0	49·9	50·9	49·3	51·0	49·4	51·3	49·6	53·6	52·1	54·0	52·3	54·8	52·1	56·6	53·8	57·3	53·3	56·8	51·9	60·9	47·9
28	46·9	45·0	48·0	45·9	46·4	45·0	47·4	46·1	49·5	48·0	51·6	49·2	50·8	48·8	51·2	49·2	52·7	50·2	52·9	50·4	53·9	50·7	55·3	51·3	56·6	46·3
29	50·0	47·9	49·6	47·9	49·1	47·8	47·9	46·2	48·9	47·2	47·5	46·0	48·5	47·2	50·3	48·7	52·2	49·9	51·9	48·9	54·9	51·0	54·6	50·2	58·3	41·0
30	40·8	38·4	40·0	37·9	38·9	36·9	39·1	37·1	39·6	37·3	39·4	37·7	41·7	39·3	44·8	42·2	48·2	44·9	50·8	47·0	53·1	49·7	53·9	49·8	56·1	**38·8**
31	51·2	48·1	51·1	47·9	51·0	48·1	50·4	47·8	50·3	47·9	51·3	48·3	53·6	49·4	53·1	49·9	55·4	51·2	55·3	51·6	57·2	52·4	58·0	53·9	60·0	49·7
MEAN.	53·2	51·0	53·0	50·8	52·5	50·4	52·2	50·1	52·3	50·2	52·6	50·4	53·4	51·0	54·3	51·7	55·8	52·5	56·6	52·9	57·5	53·6	58·1	53·9	61·0	50·8

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	58·3	56·8	57·9	56·0	60·2	57·8	58·3	56·4	58·9	56·8	57·4	56·0	56·9	55·6	55·9	53·9	55·5	53·1	54·9	53·3	54·6	52·8	53·4	52·1	56·0	54·4
2	55·9	53·8	56·2	54·0	57·3	53·9	57·3	54·4	55·0	52·4	54·7	52·9	55·1	52·9	52·9	50·2	52·2	50·7	51·9	50·2	49·7	47·9	48·3	46·9	53·9	51·9
3	54·6	52·3	54·0	51·5	59·0	53·4	55·0	52·1	54·2	52·0	53·0	51·8	52·5	51·2	52·5	51·1	52·8	51·8	53·3	51·5	53·2	51·3	53·8	52·0	52·3	50·2
4	62·0	56·8	62·8	57·4	62·8	57·2	61·8	56·8	61·9	56·0	60·8	55·6	60·1	55·6	58·2	55·3	56·6	54·2	56·4	53·9	56·2	53·9	56·0	53·9	57·4	54·3
5	58·7	54·0	59·0	54·7	60·4	55·5	62·0	55·7	61·2	55·3	59·8	54·2	57·7	53·3	56·9	52·1	56·3	51·8	55·1	50·9	54·8	50·3	54·5	49·8	57·2	53·0
6	59·9	54·9	58·9	54·8	58·3	54·6	58·3	54·0	58·1	52·7	57·2	52·0	56·7	52·0	55·7	51·9	55·6	51·7	54·9	51·4	54·8	51·7	54·8	51·3	55·1	50·8
7	58·4	56·9	58·1	56·9	61·3	58·4	60·3	57·7	59·0	56·9	57·8	56·2	58·1	56·3	57·9	56·3	57·6	56·2	56·6	55·9	56·3	55·7	56·1	55·6	56·7	55·0
8	59·5	58·2	58·1	57·3	58·9	58·0	59·9	58·4	59·3	57·5	56·9	55·9	56·3	55·4	56·4	55·5	57·0	56·1	57·2	55·1	56·4	54·9	56·0	54·2	57·2	56·3
9	62·6	59·8	62·1	58·9	59·7	57·9	62·1	59·3	60·1	58·0	61·1	57·8	60·0	55·0	59·7	55·0	56·8	54·1	55·3	54·0	54·9	53·3	54·6	52·7	58·0	56·0
10	61·8	54·0	62·0	54·7	63·0	53·2	62·9	52·2	63·7	53·3	61·9	53·7	58·8	52·1	57·3	51·9	56·1	51·9	55·1	51·8	54·5	52·0	54·8	53·0	57·2	52·0
11	57·0	56·2	59·1	54·0	58·4	53·4	58·8	54·0	58·5	52·8	58·0	53·0	56·3	52·3	55·0	52·4	54·1	50·9	54·3	51·4	54·8	52·0	54·2	52·2	55·4	52·7
12	58·2	54·2	58·8	54·0	61·9	56·1	58·6	54·2	57·8	53·6	56·6	53·8	55·9	52·4	54·9	51·1	53·8	51·0	55·0	50·0	55·0	49·7	55·0	50·8	55·2	52·4
13	57·3	52·1	57·9	52·4	58·2	52·6	58·0	52·0	57·8	52·2	56·7	52·2	56·8	52·9	55·0	51·5	53·7	50·9	53·2	50·6	51·9	50·0	51·4	49·8	55·4	51·5
14	56·1	55·3	56·9	56·3	57·3	56·9	56·8	56·3	56·8	56·4	56·6	56·1	56·2	55·9	56·8	55·9	56·0	54·7	55·3	53·3	55·4	53·1	55·0	53·2	54·6	53·5
15	58·5	52·8	56·8	53·0	55·9	53·2	56·0	54·4	58·0	54·9	57·7	54·1	57·0	53·4	56·3	53·0	56·2	52·8	56·0	52·7	55·9	52·3	55·7	52·1	55·8	52·7
16	59·5	52·5	60·0	53·0	62·2	54·7	62·9	55·4	62·7	54·9	62·9	55·3	58·5	52·8	54·3	48·9	52·1	47·6	52·0	48·1	50·1	47·2	50·8	48·3	56·3	51·5
17	59·4	54·1	59·8	54·8	59·9	54·9	60·0	55·0	60·5	55·3	60·6	55·4	60·0	55·6	60·0	55·6	60·4	55·6	59·6	55·3	59·5	55·4	60·2	55·6	57·6	52·9
18	67·8	57·7	69·2	59·2	69·6	58·7	68·8	57·9	69·7	58·0	67·2	59·2	63·0	57·7	61·0	56·6	58·8	55·4	58·8	54·9	60 8	56·0	59·3	55·5	61·6	56·2
19	65·7	56·2	57·2	52·3	62·2	55·2	64·7	55·7	62·5	55·3	63·2	56·3	61·1	53·3	59·0	52·8	57·5	53·1	58·2	53·9	58·8	53·0	57·2	52·3	60·8	54·4
20	60·1	56·8	57·7	55·1	58·9	55·9	57·7	54·8	56·0	54·7	55·2	53·4	55·2	53·9	55·2	53·5	55·2	53·6	54·9	53·5	54·5	53·0	54·1	52·6	57·0	54·0
21	57·0	54·2	56·6	54·0	55·0	53·9	56·0	54·2	56·2	53·9	56·0	53·2	54·8	52·7	54·7	53·0	54·9	52·2	54·0	52·6	53·0	51·5	53·0	51·7	55·1	52·8
22	64·2	56·0	65·7	56·3	58·9	55·8	61·3	57·5	59·9	55·9	57·7	55·3	58·1	56·0	57·7	55·0	56·0	53·4	55·0	52·2	54·9	51·2	54·3	50·0	57·2	53·5
23	58·8	51·0	59·1	51·3	60·7	52·3	61·0	52·6	61·2	52·3	59·6	54·2	57·1	52·4	53·4	50·0	52·8	49·3	52·0	48·7	50·9	48·7	51·9	49·2	54·5	49·6
24	56·0	53·5	55·0	53·7	55·0	54·1	55·0	54·5	55·4	54·9	56·4	55·3	54·9	53·4	53·8	51·9	54·0	51·2	53·4	51·2	52·5	51·4	52·3	51·6	53·4	51·5
25	56·2	53·1	55·7	53·5	54·9	53·1	55·0	53·2	55·0	53·5	54·4	53·4	54·3	53·6	54·2	53·5	54·0	53·5	54·1	53·6	54·0	53·5	53·9	53·4	54·2	52·9
26	56·0	52·4	57·2	52·5	58·0	52·6	59·5	53·0	58·0	53·2	56·2	53·0	54·8	51·1	54·3	50·7	53·8	50·6	53·0	51·2	52·8	50·9	51·9	50·2	55·0	52·1
27	58·3	53·1	59·0	53·0	60·8	54·7	58·4	52·6	57·1	53·2	55·9	52·0	55·9	52·4	53·8	50·8	51·7	49·4	50·2	48·0	48·9	46·8	48·6	46·1	54·2	51·1
28	55·4	51·3	55·0	52·0	54·3	51·5	52·8	48·9	52·2	48·8	51·2	47·9	51·4	49·1	51·2	48·1	50·6	48·0	50·4	47·9	50·3	47·8	49·4	47·5	51·3	49·7
29	54·9	50·7	57·8	49·4	56·0	48·9	56·2	49·2	56·8	49·8	56·2	48·2	50·4	45·1	48·3	43·7	46·3	42·3	45·0	41·6	43·6	[40·5]	41·0	39·0	50·7	47·0
30	54·9	50·7	55·5	52·0	54·3	51·5	55·3	51·6	53·7	50·4	53·9	50·3	53·0	48·6	53·9	48·4	53·9	48·1	54·3	48·2	54·5	48·4	52·4	48·6	49·2	45·6
31	58·3	53·9	59·0	54·2	58·9	54·0	57·2	54·0	55·8	53·9	55·5	54·5	54·7	54·0	54·5	53·7	56·5	56·2	56·9	55·1	55·2	54·2	55·0	54·0	54·8	52·0
MEAN.	58·8	54·4	58·6	54·3	59·1	54·6	59·0	54·5	58·5	54·2	57·7	53·9	56·5	53·2	55·5	52·4	54·8	52·0	54·4	51·7	54·0	51·3	53·5	51·1	55·5	52·4

TEMPERATURE. DRY AND WET BULBS. SEPTEMBER 1891.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	39·5	39·5	39·8	39·8	39·5	39·5	39·0	39·0	38·6	38·6	39·5	39·5	39·4	39·4	39·3	39·3	39·2	39·2	39·2	39·2	38·3	38·3	39·6	39·6	41·0	37·3
2	37·4	37·4	37·3	37·3	37·6	37·6	37·4	37·4	37·1	37·1	37·2	37·2	37·6	37·6	38·0	38·0	38·2	38·2	38·6	38·6	38·4	38·4	38·6	38·6	38·6	35·3
3	33·8	33·8	34·4	34·4	34·0	34·0	33·0	33·0	33·0	33·0	33·2	33·2	33·7	33·7	33·8	33·8	34·3	34·3	35·7	35·7	36·8	36·6	37·0	36·9	38·2	33·0
4	36·5	36·5	36·3	36·3	35·8	35·8	35·9	35·9	35·7	35·7	35·8	35·8	36·0	36·0	35·8	35·8	37·2	37·2	37·6	37·6	38·4	38·4	38·9	38·9	39·7	35·2
5	35·0	35·0	35·6	35·6	36·2	36·2	36·7	36·7	36·1	36·1	36·3	36·3	36·0	36·0	36·5	36·5	37·2	37·2	37·9	37·9	38·0	38·0	38·5	38·5	39·0	35·0
6	35·1	35·1	35·1	35·1	34·6	34·6	33·5	33·5	33·5	33·5	32·0	32·0	32·7	32·7	32·0	32·0	32·0	32·0	32·0	32·0	33·0	33·0	33·8	33·8	35·1	32·0
7	33·0	33·0	33·2	33·2	32·6	32·6	32·8	32·8	33·0	33·0	32·9	32·9	32·6	32·6	33·0	33·0	32·8	32·8	33·4	33·4	33·8	33·8	34·8	34·7	35·9	32·5
8	32·3	31·9	32·3	31·9	33·6	31·0	33·0	31·8	33·1	32·2	33·0	32·2	33·8	32·9	35·2	34·4	35·0	35·0	39·4	39·8	40·0	40·0	40·7	40·7	46·1	32·3
9	45·6	45·6	45·9	45·9	45·9	45·9	46·8	46·8	46·9	46·9	47·5	47·5	47·9	47·9	47·6	47·6	47·8	47·8	47·9	47·9	48·0	48·0	48·1	48·1	48·7	45·6
10	48·8	48·8	48·4	48·4	47·2	47·2	43·8	43·0	43·0	42·0	44·0	42·9	44·3	43·4	46·0	45·5	47·2	46·2	49·0	47·0	51·5	48·8	52·6	47·2	52·6	43·0
11	44·9	44·9	44·1	44·1	43·9	43·9	42·9	42·9	42·5	42·0	43·6	42·0	43·8	42·0	44·5	42·7	45·8	43·4	48·0	44·7	50·0	47·0	51·2	49·3	53·0	42·5
12	49·8	48·8	49·1	48·7	48·9	48·8	49·2	47·8	48·0	46·9	47·3	46·8	48·2	46·5	49·3	47·2	50·2	48·2	53·2	48·0	54·0	49·0	56·1	49·0	**59·0**	47·1
13	47·0	46·0	46·3	46·1	46·6	46·1	46·9	46·8	46·9	46·9	47·7	47·6	48·1	48·1	48·8	48·8	50·0	49·3	52·8	49·7	52·2	50·5	54·3	49·9	57·0	46·3
14	48·6	48·6	48·7	48·7	48·0	48·0	46·9	46·9	45·0	45·0	43·2	43·2	38·3	38·3	37·2	37·2	37·8	37·8	38·0	38·0	38·2	38·2	36·8	36·9	48·7	33·2
15	33·3	33·3	33·3	33·3	33·2	33·2	32·6	32·6	32·3	32·3	32·6	32·6	31·9	31·9	32·8	32·8	33·3	33·3	33·6	33·6	34·0	34·0	34·7	34·7	40·6	31·9
16	39·4	39·4	39·3	39·3	39·0	39·0	38·7	38·7	39·8	39·8	40·0	40·0	39·8	39·8	40·4	40·4	40·1	40·1	41·8	41·8	42·0	42·0	41·8	41·8	43·7	38·7
17	43·3	43·3	43·2	43·2	43·4	43·4	43·4	43·4	43·3	43·3	43·3	43·3	43·5	43·4	44·0	44·0	44·2	44·2	44·5	44·5	45·0	45·0	45·4	45·4	45·7	43·2
18	44·7	44·7	44·9	44·9	44·4	44·4	41·9	41·9	39·8	39·8	40·0	40·0	39·4	39·4	39·5	39·5	39·4	39·4	40·2	40·2	39·7	39·7	40·3	40·3	44·9	38·4
19	38·8	38·8	38·2	38·2	38·1	38·1	38·2	38·2	38·3	38·3	37·6	37·6	37·4	37·4	37·4	37·4	37·3	37·3	37·0	37·0	37·8	37·8	37·5	37·5	38·8	34·0
20	33·9	33·9	33·0	33·0	33·2	33·2	33·0	32·9	32·8	32·2	32·5	32·3	33·0	32·7	33·4	33·1	34·5	34·0	36·0	35·5	36·0	35·7	36·3	36·2	37·2	32·2
21	32·5	32·5	31·9	31·9	32·0	32·0	32·0	32·0	32·0	32·0	31·6	32·0	30·5	31·0	30·1	30·0	30·0	30·0	30·4	30·0	30·0	29·8	30·2	30·0	32·5	29·2
22	28·9	28·9	29·0	29·0	29·0	28·3	29·0	27·7	29·1	27·0	32·5	28·0	34·1	28·5	33·9	30·5	35·0	32·0	34·0	32·2	33·0	32·0	33·4	31·9	38·7	28·9
23	34·7	29·7	35·8	29·4	31·0	28·5	28·2	28·1	30·0	28·3	27·9	27·7	28·0	28·0	29·1	29·1	31·0	30·7	33·1	32·0	34·7	33·3	35·5	35·1	37·0	**27·9**
24	36·2	36·2	36·1	36·0	36·4	36·4	36·9	36·9	38·3	38·3	38·6	38·6	39·4	39·4	39·8	39·8	40·3	40·3	40·0	40·0	41·2	41·2	41·4	41·4	41·4	35·9
25	35·4	35·4	36·0	36·0	36·1	36·1	36·0	36·0	35·4	35·4	35·4	35·4	35·0	35·0	35·6	35·6	36·8	36·8	36·4	36·4	35·8	35·7	36·7	36·7	43·1	35·0
26	38·3	38·3	36·0	36·0	34·8	34·6	34·0	33·8	33·5	33·0	33·5	33·5	34·8	34·8	34·9	34·9	33·7	33·7	34·6	34·6	35·7	35·7	36·4	36·4	38·3	33·3
27	34·0	34·0	33·8	33·8	33·2	33·2	32·8	32·8	32·4	32·4	32·5	32·5	32·0	32·0	32·3	32·3	31·7	31·7	32·2	32·2	33·0	33·0	32·0	32·0	36·1	31·7
28	35·9	35·9	36·0	36·0	36·8	36·8	37·8	37·8	38·8	38·8	40·0	40·0	40·7	40·7	41·0	41·0	42·1	42·1	42·7	42·7	44·0	44·0	44·8	44·8	49·0	35·9
29	35·9	35·9	35·2	35·2	34·9	34·9	34·1	34·1	33·8	33·7	34·4	34·4	34·7	34·7	35·0	35·0	35·1	35·1	35·3	35·3	35·3	35·3	35·2	35·2	36·3	33·8
30	33·2	33·2	33·5	33·5	33·9	33·9	33·9	33·9	33·9	33·9	33·9	33·9	33·8	33·8	34·1	34·1	34·4	34·4	33·8	33·7	35·8	35·8	33·5	33·5	35·8	32·3
MEAN.	38·2	37·9	38·1	37·8	37·8	37·6	37·3	37·2	37·2	36·9	37·3	37·0	37·3	37·0	37·7	37·4	38·1	37·8	38·9	38·4	39·5	38·9	39·9	39·2	42·4	35·4

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	40·0	40·0	40·4	40·4	41·0	41·0	39·7	39·7	40·0	40·0	39·8	39·8	39·2	39·2	37·7	37·7	37·3	37·3	37·8	37·8	38·0	38·0	37·3	37·3	39·1	39·1
2	38·4	38·4	38·0	38·0	37·9	38·0	38·0	38·0	37·3	37·3	36·9	36·9	36·0	36·0	35·7	35·7	35·8	35·8	35·3	35·3	35·4	35·4	35·3	35·3	37·2	37·2
3	37·6	37·4	36·8	36·8	38·0	37·8	38·2	37·8	38·0	37·2	37·1	36·4	36·6	36·2	36·2	36·2	36·2	36·2	36·1	36·1	36·2	36·2	36·2	36·2	35·7	35·5
4	38·6	38·6	39·7	39·7	38·9	38·9	38·3	38·3	38·2	38·2	37·8	37·8	36·6	36·6	36·4	36·4	36·0	36·0	36·0	36·0	35·8	35·8	35·2	35·2	37·0	37·0
5	38·3	38·3	39·0	39·0	38·8	38·8	38·1	38·1	37·4	37·4	36·7	36·7	37·8	37·8	38·6	38·6	38·8	38·8	37·0	37·0	37·0	37·0	36·0	36·0	37·2	37·2
6	32·7	32·7	33·0	33·0	33·0	33·0	33·6	33·6	33·5	33·5	32·8	32·8	32·4	32·4	32·9	32·9	33·1	33·1	32·8	32·8	32·8	32·8	33·0	33·0	33·1	33·1
7	35·6	35·6	35·9	35·9	35·9	35·9	35·9	35·9	35·7	35·6	35·0	35·0	34·0	33·8	33·1	33·1	33·2	33·2	33·0	32·9	32·5	32·1	32·5	32·1	33·8	33·7
8	41·9	42·2	43·3	43·3	45·4	45·4	45·3	45·3	45·8	45·8	46·1	46·1	45·9	45·9	45·8	45·8	45·6	45·6	45·0	45·0	44·9	44·9	44·2	44·2	40·0	39·7
9	48·0	48·0	47·7	47·7	47·9	47·9	46·9	46·9	46·6	46·6	47·0	47·0	47·6	47·6	47·7	47·7	48·0	48·0	48·1	48·1	48·3	48·3	48·7	48·7	47·4	47·4
10	51·8	48·0	51·8	48·2	49·8	48·3	48·2	48·1	47·8	47·8	46·8	46·8	46·8	46·8	47·0	47·0	47·0	47·0	46·8	46·8	46·1	46·1	45·2	45·2	47·5	46·5
11	50·2	49·0	52·1	46·1	53·0	47·8	51·8	49·7	50·7	49·3	50·7	48·4	50·2	48·1	49·5	48·2	49·8	47·2	50·0	45·8	49·4	47·4	49·2	48·4	48·0	46·0
12	59·0	49·4	58·2	49·3	57·9	49·5	56·3	47·7	55·6	48·4	53·8	47·7	52·0	46·7	51·4	43·6	50·7	42·3	49·8	42·6	48·1	44·2	47·1	46·1	51·8	47·2
13	56·7	50·7	57·0	51·0	56·2	52·0	56·7	53·2	55·0	51·7	52·9	52·0	50·6	49·4	49·0	48·6	47·0	47·0	47·4	47·4	47·7	47·7	48·8	48·8	50·5	49·0
14	34·2	34·2	34·8	34·8	34·9	34·9	35·1	35·1	34·7	34·7	33·9	33·9	33·8	33·8	34·0	34·0	33·8	33·8	33·2	33·2	33·6	33·6	33·3	33·3	38·2	38·2
15	35·2	35·2	36·0	36·0	35·8	35·8	37·9	37·9	38·0	38·0	38·5	38·5	39·3	39·3	40·0	40·0	39·0	39·0	39·4	39·4	39·8	39·8	39·8	39·8	35·7	35·7
16	41·7	41·6	41·2	41·2	40·2	40·2	42·0	42·0	42·2	42·1	42·4	42·4	42·8	42·7	42·8	42·8	43·1	43·1	43·5	43·5	43·7	43·7	43·6	43·6	41·3	41·3
17	45·6	45·6	45·4	45·4	45·1	45·1	45·7	45·7	44·9	44·9	44·6	44·6	44·5	44·5	44·4	44·4	44·0	44·0	44·0	44·0	43·9	43·9	44·0	44·0	44·3	44·3
18	40·7	40·7	40·0	40·0	39·6	39·6	39·4	39·4	39·4	39·4	39·1	39·1	39·4	39·4	39·3	39·3	39·4	39·4	40·0	40·0	38·4	38·4	38·8	38·8	40·3	40·3
19	37·5	37·5	38·0	38·0	36·9	36·9	37·2	37·2	37·0	37·0	36·2	36·2	36·0	36·0	35·0	35·0	35·0	35·0	34·4	34·4	34·2	34·2	34·0	34·0	36·9	36·9
20	36·8	36·5	37·0	37·0	35·4	35·1	35·3	35·1	33·8	33·8	33·0	33·0	32·7	32·7	32·8	32·8	32·9	32·9	33·1	33·1	32·7	32·7	32·2	32·2	34·0	33·8
21	30·1	30·0	29·9	29·9	29·9	29·9	30·0	30·0	29·8	29·8	29·2	29·2	29·5	29·5	29·8	29·8	30·0	30·0	30·0	30·0	30·0	30·0	30·0	30·0	30·5	30·5
22	35·9	32·6	35·2	34·4	38·7	34·8	37·0	35·0	38·3	33·7	38·3	31·9	36·1	31·1	36·4	30·6	33·0	30·2	32·9	31·4	33·1	32·1	35·0	29·1	33·8	30·9
23	35·3	35·3	36·5	36·5	36·9	36·9	37·0	37·0	37·0	37·0	36·8	36·8	37·0	37·0	36·9	36·9	36·7	36·7	36·6	36·6	36·7	36·7	36·7	36·7	34·1	33·3
24	40·0	40·0	39·1	39·1	39·2	39·2	39·8	39·8	38·5	38·5	38·0	38·0	38·0	38·0	37·8	37·8	36·0	36·0	35·9	35·9	35·9	35·9	35·9	35·9	38·3	38·3
25	36·8	36·7	37·0	36·4	37·1	37·0	38·0	37·1	38·3	38·1	39·5	39·5	40·8	40·8	41·9	41·9	41·3	41·3	41·3	41·3	42·7	42·7	43·1	43·1	37·8	37·8
26	37·0	37·0	36·9	36·9	36·8	36·8	36·3	36·3	36·2	36·2	36·0	36·0	36·0	36·0	36·0	36·0	35·7	35·7	35·2	35·2	33·9	33·9	34·1	34·1	35·4	35·4
27	32·9	32·9	33·0	33·0	33·4	33·4	33·3	33·3	34·0	34·0	33·3	33·3	34·2	34·2	34·9	34·9	35·2	35·2	35·9	35·9	35·8	35·8	36·1	36·1	33·5	33·5
28	45·0	45·0	46·2	46·2	47·8	47·8	47·8	47·8	48·7	48·7	48·8	48·8	49·0	49·0	48·2	48·2	41·1	41·1	37·9	37·9	39·0	39·0	36·9	36·9	42·4	42·4
29	35·8	35·8	35·4	35·4	36·3	36·3	36·2	36·2	35·5	35·5	35·8	35·8	34·5	34·5	34·3	34·3	34·2	34·3	33·9	33·9	34·2	34·2	33·8	33·8	34·9	34·9
30	34·3	34·3	34·8	34·8	35·0	35·0	33·6	33·6	33·9	33·9	33·9	33·9	33·2	33·2	33·1	33·1	32·9	32·9	33·1	33·1	32·9	32·9	32·3	32·4	33·8	33·8
MEAN.	40·1	39·3	40·3	39·4	40·4	39·6	40·3	39·7	40·1	39·5	39·7	39·1	39·4	38·9	39·3	38·8	38·7	38·3	38·5	38·1	38·4	38·2	38·3	38·0	38·8	38·3

TEMPERATURE. DRY AND WET BULBS. SEPTEMBER 1891.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	55·2	53·2	56·1	52·9	55·6	52·8	55·6	52·4	55·2	52·4	54·9	52·6	56·0	53·0	55·2	52·8	56·7	52·7	56·6	53·2	54·9	52·2	55·7	53·0	58·4	53·2
2	55·0	51·0	54·9	50·9	55·0	50·9	54·5	51·0	54·9	50·3	54·5	50·9	54·4	51·2	53·6	51·6	53·7	52·0	53·7	52·3	53·8	52·4	54·4	52·6	56·3	50·7
3	51·0	49·0	50·3	48·9	51·0	49·9	50·2	47·5	50·9	49·3	50·3	48·4	50·9	48·5	51·8	48·4	52·0	49·0	54·8	50·8	56·9	52·3	56·2	52·0	57·3	49·8
4	50·5	49·1	50·6	49·2	50·6	48·9	49·9	48·4	50·0	48·2	49·1	47·8	50·4	49·1	50·8	49·2	52·8	50·9	55·9	53·3	57·6	53·0	57·6	53·0	60·8	49·1
5	51·6	50·0	51·9	50·1	52·1	50·3	51·7	50·4	52·1	50·2	51·0	49·7	51·0	49·8	51·5	50·0	52·2	51·0	53·7	52·3	54·1	52·7	55·8	54·1	56·9	50·7
6	51·9	49·2	51·5	48·9	51·7	49·6	49·9	47·3	49·9	47·5	48·7	45·6	49·8	47·2	50·2	47·9	48·5	45·9	48·9	47·2	52·7	49·3	53·1	50·3	54·3	48·4
7	50·8	46·8	50·1	48·1	49·9	47·8	51·7	47·0	51·6	47·1	51·0	47·4	50·8	47·5	52·1	48·4	54·5	49·9	54·0	49·0	54·8	49·1	56·6	49·2	59·9	43·8
8	42·8	40·7	43·1	41·2	43·0	41·2	44·1	42·0	46·0	43·4	45·9	43·9	48·0	45·4	49·3	46·9	50·1	47·3	52·6	49·1	54·0	50·9	56·6	52·8	60·8	42·7
9	53·5	52·7	53·1	52·5	54·5	53·6	54·1	53·4	54·2	53·7	55·1	54·3	56·1	55·7	55·1	55·0	57·0	56·7	58·0	57·9	58·2	58·0	59·8	59·1	60·5	53·1
10	60·0	58·1	59·9	58·1	60·8	58·7	58·5	56·9	57·1	54·9	55·7	53·0	56·7	53·4	59·9	55·0	[60·3]	56·0	61·9	57·5	64·4	59·5	65·2	59·8	68·4	55·7
11	57·4	56·9	57·2	56·7	57·1	56·6	56·4	56·0	56·1	55·8	56·1	55·8	56·5	55·9	56·7	55·7	58·0	56·7	59·5	57·2	60·5	58·0	60·2	57·7	66·1	56·0
12	60·7	57·2	61·2	57·3	60·3	57·0	61·0	57·1	60·2	56·7	60·1	56·5	59·8	56·5	61·4	57·6	61·0	57·7	62·3	58·3	62·7	58·5	63·1	59·3	65·2	53·7
13	54·1	53·8	52·9	51·7	52·3	51·0	51·1	49·8	50·2	48·9	51·2	49·9	52·1	51·0	53·0	52·3	55·0	54·0	57·5	55·8	60·0	58·1	62·9	60·2	**70·4**	50·1
14	58·8	57·2	58·9	57·1	58·2	57·1	58·3	57·7	56·8	55·0	53·1	51·0	52·1	50·0	52·8	50·5	54·0	51·7	54·6	52·2	53·3	52·2	53·9	51·1	60·0	50·0
15	50·2	47·9	49·7	47·6	50·1	47·0	49·3	46·6	49·0	46·0	50·2	46·8	50·5	47·0	52·1	48·4	51·0	48·3	52·9	49·1	55·1	50·1	55·9	50·8	56·9	48·6
16	55·6	53·0	55·1	52·8	54·9	52·4	54·7	52·5	54·2	53·1	54·5	53·3	55·0	53·0	55·0	53·4	55·5	54·4	56·7	55·1	57·1	55·6	56·8	55·0	58·1	54·0
17	56·3	55·6	56·0	55·3	56·0	55·5	56·3	55·6	56·9	55·8	56·3	55·8	56·1	55·7	56·0	55·7	56·4	56·0	56·7	56·2	57·5	57·1	57·2	56·9	57·9	55·2
18	55·9	55·4	56·0	55·6	56·8	56·0	56·0	54·0	55·3	53·0	54·7	53·0	54·8	52·6	55·3	52·8	55·9	53·1	56·5	54·7	57·2	53·1	57·8	54·8	60·1	53·3
19	54·2	51·8	54·0	51·7	54·4	51·5	53·9	51·8	53·0	52·0	53·0	51·2	53·1	51·4	53·4	51·1	55·0	52·5	55·9	52·3	56·2	51·9	55·9	52·6	58·1	46·9
20	46·1	44·9	45·9	44·3	45·6	44·1	45·4	44·0	45·3	43·9	45·7	44·2	46·7	45·0	47·1	45·6	48·5	47·0	50·2	48·2	52·2	49·3	54·3	50·0	58·1	45·1
21	50·2	47·2	50·7	46·7	51·4	46·6	51·3	46·8	52·2	46·9	50·3	45·9	49·2	46·0	50·0	45·0	50·2	45·1	49·3	45·5	50·1	46·2	49·0	46·0	52·2	47·8
22	47·0	43·2	46·4	43·2	46·6	43·4	46·1	43·3	46·0	43·2	45·4	42·5	47·0	44·1	48·1	45·0	49·4	45·4	50·1	46·2	50·2	46·6	51·5	46·3	53·1	40·0
23	39·2	37·2	38·9	37·0	39·7	37·3	38·4	36·7	38·1	36·7	37·8	36·1	37·5	36·3	40·1	38·6	45·0	42·0	48·0	44·1	54·0	48·1	55·1	48·5	58·2	**37·4**
24	56·3	49·8	54·9	49·2	55·8	49·9	54·7	50·0	54·8	50·3	54·0	50·8	53·7	50·3	52·9	51·1	53·6	52·1	53·9	53·0	54·1	53·0	56·0	54·5	57·8	51·9
25	51·8	49·0	51·2	49·8	51·0	50·1	51·2	50·3	51·4	50·3	51·2	50·0	51·3	49·8	52·2	50·4	51·6	50·7	53·3	52·0	56·0	51·3	56·9	51·6	60·3	50·9
26	56·0	54·3	55·0	51·9	54·9	49·5	54·1	48·4	54·1	48·3	53·7	47·5	53·3	49·0	54·8	48·8	52·9	48·9	54·0	49·8	52·0	50·1	52·3	50·3	60·0	49·5
27	53·2	48·3	52·5	48·0	52·1	47·8	51·9	48·1	51·7	47·0	52·0	46·9	51·2	46·3	51·0	47·3	51·6	46·8	52·3	47·0	52·9	48·1	52·5	47·5	53·7	49·9
28	52·4	50·3	52·3	50·0	53·3	50·1	52·7	50·2	51·9	50·7	51·8	51·0	52·0	51·5	52·5	52·1	53·0	52·9	53·9	53·6	54·9	54·7	56·2	55·9	59·2	51·4
29	53·9	51·0	53·5	50·2	53·2	50·3	53·4	49·3	53·9	49·1	52·8	49·3	52·8	49·7	52·7	49·3	52·2	50·1	52·9	49·8	53·9	50·5	54·3	51·0	54·4	50·9
30	51·2	48·8	50·9	48·6	51·2	48·7	51·2	48·2	51·4	48·0	51·7	47·9	52·0	48·0	53·1	48·6	53·4	49·0	52·3	48·1	55·0	50·1	50·1	47·8	56·0	48·7
MEAN.	52·8	50·4	52·5	50·2	52·6	50·2	52·3	49·8	52·1	49·6	51·7	49·3	52·0	49·7	52·7	50·2	53·4	50·9	54·4	51·7	55·5	52·4	56·1	52·8	59·0	49·6

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet	Dry.	Wet	Dry.	Wet.	Dry.	Wet.
1	57·6	54·1	55·6	54·0	55·1	54·2	57·0	54·1	56·9	53·9	56·5	53·2	55·1	52·7	54·0	51·7	53·8	51·1	54·3	51·3	53·8	51·4	54·1	50·9	55·5	52·7
2	55·0	53·0	53·4	51·0	54·3	52·0	55·0	52·2	56·1	52·4	54·1	51·0	53·4	50·4	52·3	49·0	52·1	49·4	50·9	49·2	51·7	49·6	51·9	50·0	53·9	51·1
3	56·4	51·8	55·4	52·2	54·7	50·9	55·1	51·9	55·7	52·9	54·3	51·7	53·3	50·2	52·4	50·4	51·7	49·6	51·6	49·3	51·3	49·0	50·9	49·3	52·9	50·1
4	59·2	55·0	59·7	54·9	60·2	54·8	58·9	53·6	60·4	54·9	59·0	54·3	54·1	51·2	52·6	50·0	50·0	47·5	49·7	47·6	51·0	49·0	51·0	49·5	53·8	50·9
5	56·8	55·0	55·3	53·6	55·0	53·6	53·9	53·0	54·0	52·0	53·7	51·3	53·0	51·0	55·8	52·7	53·7	52·3	52·8	51·7	52·9	51·3	52·8	51·2	53·3	51·6
6	51·2	49·6	51·0	48·4	51·9	49·9	52·0	50·0	52·3	50·1	52·0	48·0	51·3	47·4	49·5	47·0	49·7	47·4	49·9	47·0	49·3	47·2	49·7	47·3	50·7	48·1
7	56·0	49·1	57·4	50·4	57·9	51·0	56·8	49·9	57·8	51·1	55·0	50·4	52·8	48·7	50·9	47·0	49·0	46·0	46·9	44·4	44·3	42·4	43·8	42·0	52·4	47·9
8	59·7	55·0	60·7	56·1	60·0	56·0	59·9	56·1	59·6	56·3	58·7	55·7	57·8	55·4	56·9	55·0	56·9	55·0	56·3	54·8	55·8	54·4	54·3	53·2	53·0	50·3
9	59·7	58·7	58·7	57·8	58·9	58·0	58·7	57·3	58·7	57·1	58·9	57·1	59·0	57·2	58·9	57·3	59·7	57·7	59·3	57·7	60·1	57·9	60·0	58·0	57·5	56·4
10	64·0	60·0	66·7	61·8	66·7	61·2	66·6	60·8	63·0	59·2	61·2	58·6	59·9	57·2	58·7	56·8	57·9	57·1	57·7	57·1	57·4	57·0	57·3	56·9	60·7	57·7
11	60·9	58·2	62·0	59·0	63·4	60·2	66·1	62·2	64·9	61·5	64·6	61·1	64·2	60·7	63·8	60·8	62·9	60·2	62·0	59·3	61·9	58·4	62·1	58·1	60·4	58·3
12	63·3	59·5	63·6	59·8	65·1	60·6	64·0	60·1	63·5	60·3	60·8	58·8	58·2	57·0	56·8	55·5	56·1	55·0	54·3	53·5	54·0	53·3	54·3	53·8	60·3	57·4
13	67·4	63·4	70·3	63·1	69·0	63·3	67·9	63·3	67·7	62·9	67·2	62·8	66·3	61·7	64·1	61·4	61·9	60·0	60·1	59·0	59·8	58·7	59·0	57·9	59·7	57·3
14	55·2	50·2	57·1	50·6	58·2	50·7	59·5	51·4	58·4	51·0	55·0	49·1	52·3	48·6	51·3	48·0	51·8	48·0	51·8	48·4	50·4	48·4	50·1	48·0	54·8	51·5
15	55·3	51·0	56·3	50·9	55·8	51·1	54·8	52·2	55·2	52·3	54·1	52·6	53·5	52·9	54·6	53·2	55·2	52·6	54·9	52·9	55·9	53·2	55·7	53·1	53·2	50·2
16	58·0	55·4	56·9	55·1	57·2	55·9	56·1	55·1	56·0	55·0	56·0	55·0	55·9	55·1	55·7	55·0	55·9	55·3	56·1	55·7	56·5	55·9	56·5	55·8	55·9	54·5
17	56·9	56·4	56·3	56·0	56·9	56·7	56·9	56·4	56·7	56·2	56·0	55·7	56·0	55·7	55·7	55·3	55·6	55·2	55·3	55·1	55·3	55·0	55·4	55·1	56·3	55·8
18	58·0	54·2	58·7	54·1	59·2	54·0	58·2	54·2	56·9	53·3	55·6	52·9	54·1	52·8	53·9	52·2	54·6	53·2	54·1	53·1	53·7	51·4	53·9	51·9	56·0	53·6
19	55·8	53·0	56·4	51·6	56·4	53·2	58·1	53·9	55·0	51·4	54·5	51·2	53·2	50·2	50·7	47·9	50·7	48·0	48·7	46·9	47·3	46·2	47·1	45·8	53·6	50·9
20	56·3	50·2	56·3	50·8	57·4	51·7	57·1	52·1	52·2	49·7	51·0	48·2	50·2	48·7	49·4	48·0	49·0	47·5	49·9	47·7	49·8	47·7	49·1	47·5	50·0	47·5
21	49·7	46·0	50·0	45·0	50·2	45·0	50·3	45·0	50·9	45·3	49·9	44·8	49·1	44·3	49·0	44·2	48·7	44·1	48·4	43·9	48·0	43·9	47·8	43·7	49·8	45·4
22	52·0	47·1	52·7	46·4	52·9	47·0	52·7	46·9	51·5	46·7	49·2	45·1	45·3	42·1	43·9	40·7	42·9	40·0	41·9	39·4	40·4	38·4	40·0	38·1	47·5	43·8
23	57·0	50·6	57·6	51·4	57·0	51·1	56·1	51·0	55·2	50·5	53·4	49·5	53·5	49·2	53·7	48·9	53·8	48·9	53·7	48·8	53·0	48·6	53·9	49·2	48·7	44·8
24	57·1	54·5	57·7	54·4	56·3	53·4	54·7	53·2	54·0	52·3	54·5	52·7	54·2	51·6	53·0	51·6	52·3	50·1	52·2	49·3	52·9	49·9	52·9	49·7	54·4	51·5
25	58·9	52·0	58·0	51·2	57·8	51·7	58·1	51·9	58·5	51·9	55·2	52·3	55·9	53·2	57·3	53·9	57·1	53·9	57·7	53·9	57·4	54·8	60·0	55·9	55·0	51·7
26	53·8	51·5	54·0	50·9	54·2	50·9	53·0	50·5	52·1	50·0	52·5	50·0	53·2	49·8	53·5	49·9	53·1	49·8	52·9	49·0	52·2	48·0	52·7	48·2	53·5	49·8
27	52·9	48·7	53·0	48·2	52·4	48·3	53·1	48·1	52·5	48·6	52·8	47·9	51·0	48·2	51·0	48·9	51·9	49·2	51·9	49·7	52·0	49·3	52·5	50·3	52·2	48·1
28	57·0	56·4	56·8	56·3	57·1	56·9	58·1	57·8	58·9	58·1	58·4	58·0	59·1	58·6	58·9	58·5	54·5	52·5	53·5	52·0	54·0	52·2	54·3	51·3	54·9	53·8
29	54·1	51·2	53·0	50·7	53·6	51·2	52·7	51·0	52·0	49·7	51·4	50·0	51·9	48·9	51·9	49·7	52·1	50·1	51·9	48·4	51·3	48·0	51·2	47·9	52·8	49·9
30	52·3	50·6	55·6	50·6	54·1	49·7	51·8	48·9	51·9	48·9	52·0	48·5	51·3	47·8	51·6	48·3	52·2	47·1	49·1	47·3	48·8	46·7	49·2	46·2	51·8	48·4
MEAN.	56·9	53·4	57·2	53·2	57·3	53·5	57·1	53·5	56·6	53·2	55·6	52·6	54·6	52·0	54·1	51·6	53·6	51·1	53·0	50·8	52·7	50·6	52·8	50·5	54·1	54·4

TEMPERATURE. DRY AND WET BULBS. OCTOBER 1891.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	32·0	32·0	32·0	32·0	32·0	32·0	32·0	32·0	31·3	31·5	31·3	31·3	31·2	31·2	31·0	31·0	30·9	30·9	30·5	30·5	31·6	31·6	31·0	31·0	32·0	30·4
2	31·9	31·9	32·0	32·0	31·9	31·9	32·0	32·0	32·0	32·0	31·3	31·3	31·0	31·0	31·2	31·2	31·5	31·5	32·0	31·9	32·2	31·9	33·3	32·5	36·2	31·0
3	32·8	32·8	33·8	33·8	34·3	34·3	34·8	34·8	36·0	36·0	37·0	37·0	37·8	37·8	38·8	38·8	39·2	39·2	40·2	40·2	41·0	41·0	41·5	41·5	**44·3**	32·8
4	41·8	41·8	41·0	41·0	40·3	40·3	40·0	40·0	40·6	40·6	40·7	40·7	41·0	41·0	40·8	40·8	40·8	40·8	40·4	40·4	40·0	40·0	39·7	39·7	41·8	38·9
5	38·3	38·3	38·0	38·0	37·0	37·0	36·3	36·3	36·9	36·9	37·4	37·4	37·8	37·8	37·8	37·8	37·6	37·6	37·2	37·2	36·3	36·3	36·0	36·0	38·3	35·0
6	36·0	36·0	37·2	37·2	36·8	36·8	36·9	36·9	37·4	37·4	37·7	37·7	38·5	38·5	39·0	39·0	39·4	39·4	40·2	40·2	39·5	39·5	39·6	39·6	40·2	30·4
7	30·8	30·2	30·2	29·9	29·9	29·4	30·0	29·8	30·2	30·0	30·8	30·6	31·4	31·3	32·0	31·8	32·5	32·0	33·0	32·5	34·0	34·0	34·7	34·7	34·7	29·9
8	31·3	31·7	31·4	31·4	32·0	32·0	31·9	31·9	31·9	31·9	31·8	31·8	31·9	31·9	32·0	32·0	32·0	32·0	32·2	32·2	32·5	32·3	33·2	33·1	36·0	31·3
9	38·3	38·3	39·9	39·9	40·8	40·8	34·9	34·9	34·0	34·0	33·0	33·1	32·4	32·4	32·2	32·2	32·7	32·7	32·5	32·5	32·3	32·3	33·1	33·1	40·8	32·0
10	32·0	32·0	32·2	32·2	31·7	32·0	31·4	31·7	31·6	31·7	31·4	31·4	31·6	31·6	31·4	31·4	31·5	31·5	31·5	31·5	31·7	31·7	31·8	31·8	33·9	31·4
11	33·9	33·9	33·7	33·7	33·6	33·6	33·3	33·3	33·6	33·6	33·7	33·6	34·0	34·0	34·3	34·3	34·7	34·7	34·4	34·4	34·3	34·4	35·0	35·0	38·8	31·5
12	31·9	31·9	31·3	31·3	31·2	31·2	30·8	30·8	30·2	30·2	30·0	30·0	29·3	29·3	29·2	29·2	29·2	29·2	29·0	29·0	29·1	29·1	29·3	29·3	31·9	28·7
13	28·7	28·7	28·7	28·7	28·7	28·7	28·6	28·6	28·0	28·0	27·1	27·1	27·3	27·3	27·6	27·6	27·9	27·9	28·2	28·2	28·7	28·7	29·3	29·4	33·0	27·1
14	30·0	30·0	30·0	30·0	30·2	30·2	30·7	30·7	29·4	29·4	28·2	28·2	28·0	28·0	28·4	28·4	28·5	28·5	28·7	28·7	28·7	28·8	29·0	29·0	31·0	28·0
15	30·9	30·9	30·8	30·8	30·0	30·0	30·0	30·0	30·2	30·2	29·3	29·3	28·6	28·6	28·6	28·7	28·8	28·8	29·0	29·0	29·6	29·6	29·5	29·5	30·9	27·7
16	28·0	28·1	27·7	27·7	27·0	27·0	27·4	27·4	27·8	27·8	28·2	28·2	27·0	27·0	27·2	27·2	28·3	28·3	30·8	30·8	31·0	31·0	30·7	30·7	31·1	27·0
17	31·0	31·0	30·3	30·3	30·3	30·3	30·5	30·5	30·5	30·5	30·4	30·4	29·8	29·8	29·7	29·7	29·6	29·6	29·7	29·7	30·5	30·5	30·7	30·7	31·0	26·2
18	26·3	26·3	26·0	26·0	25·6	25·6	25·9	25·9	26·8	26·8	26·9	26·9	27·1	27·1	27·8	27·8	29·0	29·0	29·6	29·6	30·0	30·0	29·9	29·9	32·2	25·6
19	33·3	33·3	33·2	33·2	32·2	32·2	32·1	32·1	31·9	31·9	30·8	31·7	30·8	30·8	30·2	30·3	29·2	29·2	28·1	28·1	28·2	28·2	28·2	28·2	33·3	25·8
20	27·8	27·8	27·8	27·8	27·9	27·9	27·9	27·9	27·4	27·4	27·8	27·8	27·0	27·0	27·1	27·1	28·9	28·9	28·2	28·2	29·0	29·0	29·5	29·7	32·0	27·0
21	31·0	31·0	31·2	31·2	30·6	30·6	30·0	30·0	29·0	29·0	28·5	28·5	30·2	30·2	30·9	30·9	31·3	31·3	31·5	31·5	31·2	31·2	30·6	30·6	32·1	28·5
22	31·0	31·0	30·8	30·8	31·0	31·0	31·2	31·2	31·5	31·5	31·2	31·2	30·8	30·8	30·7	30·9	31·1	31·1	31·6	31·8	31·7	31·9	32·0	32·0	32·5	29·1
23	29·0	29·0	29·6	29·6	28·3	28·3	28·2	27·9	28·9	28·9	28·4	28·4	28·2	28·0	28·8	28·8	29·9	29·9	30·4	29·7	30·2	29·7	31·2	30·8	31·4	28·2
24	31·3	31·3	31·2	31·2	31·2	31·2	30·9	30·9	30·2	30·2	30·5	30·5	30·0	30·0	29·5	29·5	29·5	29·5	29·9	29·9	30·2	30·3	29·6	30·7	31·3	**22·4**
25	23·9	23·6	23·1	22·7	23·1	23·0	23·1	22·9	22·6	22·6	23·0	23·0	22·4	22·4	24·7	24·3	27·7	26·5	28·8	28·2	29·0	28·8	29·6	29·8	29·6	**22·4**
26	26·4	25·9	26·8	26·2	26·8	26·3	26·9	26·9	26·8	26·2	26·8	26·4	27·1	26·5	28·4	28·0	28·2	28·0	30·0	29·5	30·3	29·7	29·8	29·6	30·3	26·3
27	26·0	26·0	26·1	25·7	25·1	25·1	25·2	25·2	24·5	24·1	26·2	26·2	26·6	26·6	27·8	27·8	27·4	27·4	27·8	28·0	28·0	28·0	27·8	27·8	30·8	24·5
28	26·2	26·0	27·0	26·2	26·9	26·8	26·4	26·4	26·0	26·0	26·1	26·1	25·7	25·7	25·8	25·7	26·5	26·3	28·5	28·0	28·9	28·4	29·9	29·6	34·7	25·7
29	32·2	26·6	30·8	26·8	29·0	24·0	29·9	23·9	29·1	23·8	32·2	24·1	31·0	24·4	31·3	26·3	32·9	26·4	34·5	27·7	34·1	29·7	34·7	29·8	35·1	29·0
30	32·2	30·1	32·3	30·5	33·8	32·2	32·8	32·3	33·0	33·0	32·8	32·6	32·9	32·8	33·3	32·7	34·3	32·2	33·5	32·4	33·7	32·4	33·8	32·9	37·2	30·9
31	32·4	31·0	32·0	30·6	32·8	31·0	32·8	30·2	33·7	31·2	33·8	31·4	33·4	31·8	34·0	32·0	33·8	31·8	33·9	31·8	33·8	31·7	32·5	30·9	37·0	32·0
MEAN.	31·2	30·9	31·2	30·9	31·0	30·7	30·8	30·5	30·7	30·5	30·8	30·4	30·7	30·4	31·0	30·7	31·4	31·0	31·8	31·4	32·0	31·7	32·1	31·9	34·4	28·9

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	31·5	31·5	31·9	31·9	32·0	32·0	32·0	32·0	31·8	31·8	31·7	31·8	30·4	30·4	31·1	31·1	31·0	31·0	31·0	31·0	31·8	31·8	31·9	31·9	31·5	31·5
2	34·0	33·5	35·0	34·6	36·2	35·4	34·0	33·8	33·1	33·1	32·3	32·3	33·0	33·0	33·0	33·0	32·0	32·0	32·4	32·4	32·8	32·8	32·6	32·6	32·6	32·5
3	42·3	42·3	43·0	43·0	43·7	43·7	44·3	44·3	44·3	44·3	44·2	44·2	43·8	44·1	44·2	44·2	44·1	44·1	44·0	44·0	43·3	43·3	42·9	42·9	40·5	40·5
4	39·2	39·2	39·3	39·3	39·2	39·2	39·5	39·5	39·4	39·4	39·5	39·4	39·8	39·8	39·8	39·8	39·3	39·3	39·2	39·2	39·1	39·1	38·9	38·9	40·0	40·0
5	35·5	35·5	35·6	35·2	35·2	34·9	35·0	34·7	35·0	34·7	35·6	34·9	35·7	35·2	35·7	35·7	35·8	35·8	35·9	35·9	35·8	35·8	35·3	35·3	36·4	36·3
6	38·2	38·0	35·6	35·6	34·8	34·8	34·7	34·7	33·2	33·2	32·5	32·5	32·0	32·2	32·0	32·0	31·0	32·0	30·5	30·0	30·4	30·1	30·9	30·5	35·6	35·6
7	34·4	34·4	33·8	33·8	33·3	33·3	32·9	32·9	32·4	32·4	32·2	32·2	32·4	32·0	32·2	32·0	32·2	32·2	32·0	32·0	31·4	31·2	31·1	31·8	32·1	31·9
8	33·0	33·0	33·2	33·2	33·8	33·7	33·5	33·3	33·4	33·4	33·0	33·0	33·6	33·6	33·5	33·5	33·9	33·9	34·9	34·9	34·9	34·9	36·0	36·0	33·0	32·9
9	33·4	33·4	33·7	33·7	32·8	32·8	33·0	32·9	32·2	32·2	32·2	32·2	32·2	32·2	32·3	32·3	32·0	32·0	32·0	32·0	32·0	32·0	32·0	32·0	33·6	33·6
10	32·0	32·0	32·1	32·1	32·0	32·0	32·2	32·0	32·3	32·0	32·4	32·4	32·9	32·5	33·2	33·2	33·3	33·3	33·8	33·8	33·9	33·9	33·8	33·8	32·2	32·2
11	35·5	35·5	35·9	35·9	37·0	37·0	37·6	37·6	38·0	38·0	38·8	38·8	34·9	34·9	33·8	33·8	32·3	32·3	32·7	32·7	31·8	31·8	31·5	31·5	34·5	34·5
12	29·7	29·7	29·5	29·5	30·0	30·0	29·8	29·8	29·4	29·4	29·0	29·0	29·0	28·7	28·9	28·9	29·0	29·0	28·9	28·9	28·8	28·8	28·7	28·7	29·6	29·6
13	29·4	29·4	29·4	29·4	29·7	29·7	29·7	29·7	28·7	28·7	28·0	28·0	28·3	28·3	31·8	31·8	32·0	32·0	31·0	31·7	33·0	32·0	31·3	31·3	29·2	29·2
14	29·8	29·8	30·0	30·0	30·9	30·9	30·0	30·0	30·0	30·0	29·3	29·3	29·9	30·0	30·8	30·8	31·0	31·0	31·0	31·0	30·9	30·9	30·1	30·1	29·7	29·7
15	28·7	28·7	29·3	29·3	28·9	28·9	28·8	28·8	28·4	28·4	28·0	28·0	27·7	27·7	28·1	28·1	29·0	29·0	29·3	29·3	28·8	28·8	27·8	27·8	29·1	29·1
16	30·5	30·5	30·4	30·4	30·5	30·5	29·0	29·0	29·0	29·0	30·1	30·1	29·5	29·5	29·3	29·3	30·0	30·0	30·2	30·2	31·1	31·1	31·0	31·0	29·2	29·2
17	30·4	30·4	30·2	30·2	30·2	30·2	29·7	29·7	28·8	28·8	28·5	28·2	27·5	27·5	26·9	26·9	26·7	26·7	26·3	26·3	26·4	26·4	26·2	26·2	29·2	29·2
18	30·9	30·9	31·0	31·0	30·2	30·2	30·1	30·1	30·8	30·8	31·0	30·6	31·7	31·7	31·8	31·8	31·4	31·4	32·0	32·0	32·1	32·1	32·2	32·2	29·4	29·4
19	28·2	28·2	28·2	28·7	27·8	28·1	27·7	28·0	27·8	27·8	29·2	29·2	26·6	26·6	26·3	26·3	25·8	25·8	26·3	26·3	27·0	27·0	28·0	28·0	29·0	29·1
20	30·2	30·2	30·2	30·2	30·8	30·8	30·6	30·6	30·5	30·5	31·5	31·5	31·3	31·3	31·5	31·5	31·4	31·4	31·1	31·1	32·0	32·0	31·0	31·0	29·5	29·5
21	31·0	31·0	31·2	31·2	31·4	31·2	31·2	31·2	31·5	31·5	32·1	32·1	31·4	31·4	31·4	31·4	31·8	31·8	31·2	31·2	31·3	31·3	31·0	31·0	30·9	30·9
22	31·8	32·0	31·9	32·0	32·0	32·0	32·0	32·0	32·5	32·9	31·4	31·4	31·2	31·2	31·7	31·7	31·0	31·0	31·2	31·2	30·3	30·3	29·1	29·1	31·3	31·3
23	30·6	30·6	31·0	30·8	31·3	31·2	31·4	31·4	30·4	30·8	30·4	30·4	30·9	30·9	31·0	31·0	30·7	30·8	31·2	31·2	31·3	31·3	31·3	31·3	30·1	30·0
24	31·1	30·6	29·5	30·6	29·8	29·9	28·9	28·9	26·3	26·3	26·1	26·1	25·7	25·7	24·1	24·1	23·1	23·1	22·4	22·1	23·1	23·0	23·3	23·1	28·2	28·3
25	29·3	29·2	29·0	29·0	29·0	29·0	28·2	28·0	28·0	28·0	28·1	28·1	27·6	27·6	28·0	28·0	27·1	27·0	26·6	25·9	26·7	25·8	27·0	26·0	26·5	26·2
26	29·0	28·9	29·4	29·4	29·5	29·5	28·7	28·7	28·0	27·9	28·2	28·2	28·3	28·3	28·0	28·0	27·8	27·8	27·8	27·8	27·1	27·1	26·3	26·3	28·0	27·8
27	28·7	28·5	30·8	28·7	30·0	28·9	28·0	27·4	27·0	27·0	26·4	26·5	26·4	25·6	26·0	26·0	26·2	26·2	26·2	26·2	26·3	26·3	26·4	26·4	27·0	26·7
28	30·2	28·4	32·5	27·7	33·3	27·9	33·2	26·5	32·3	26·1	31·3	26·7	32·8	28·6	33·8	30·4	34·0	31·8	34·0	29·0	34·7	27·9	31·9	26·1	29·9	27·4
29	35·1	32·6	31·5	28·9	31·3	30·0	30·9	27·9	29·0	28·4	30·8	28·4	29·5	29·2	30·9	30·9	31·8	31·8	32·3	31·1	31·9	31·3	30·1	30·1	31·5	28·1
30	36·8	34·5	37·2	34·9	33·9	32·0	33·2	31·3	32·0	32·2	32·0	31·5	31·9	31·0	32·3	32·2	31·8	31·8	31·2	31·1	30·9	30·9	32·2	30·8	33·1	32·1
31	34·7	32·4	34·0	32·3	34·9	32·4	34·8	32·2	33·0	32·0	32·6	31·8	33·0	32·1	32·0	31·3	33·7	32·1	33·5	33·5	36·8	36·8	37·0	37·0	33·7	32·1
MEAN.	32·4	32·1	32·4	32·0	32·4	32·0	32·1	31·6	31·6	31·3	31·6	31·3	31·3	31·1	31·5	31·3	31·4	31·3	31·4	31·1	31·5	31·2	31·3	31·0	31·5	31·2

TEMPERATURE. DRY AND WET BULBS. OCTOBER 1891.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	47·2	45·4	47·1	45·9	46·9	46·0	46·3	45·0	48·2	45·4	48·3	46·0	48·1	46·3	47·9	45·4	48·2	47·0	48·8	46·6	48·8	46·2	49·5	47·2	52·0	46·0
2	46·7	45·1	46·3	44·4	45·8	44·5	46·0	44·5	46·3	44·9	46·9	45·0	45·5	43·8	46·6	44·7	48·3	46·0	49·7	46·3	51·0	47·3	51·9	47·4	56·1	45·1
3	51·8	47·2	51·1	47·6	52·0	48·0	50·5	48·4	50·3	49·2	50·6	49·9	51·2	50·8	52·3	51·9	52·9	52·4	53·1	52·9	[53·4]	[53·0]	[54·0]	[53·8]	**59·4**	49·7
4	58·3	54·0	58·1	53·8	57·2	53·2	54·5	53·0	54·2	52·9	55·8	53·0	56·9	53·7	57·0	53·7	54·3	53·1	55·8	53·2	56·0	53·2	55·1	53·2	59·2	53·2
5	56·2	51·3	55·3	51·2	55·1	50·2	55·5	50·0	56·1	50·4	54·8	51·2	55·2	51·4	55·1	51·3	55·3	51·4	55·2	50·8	56·2	50·9	57·2	51·1	57·7	54·5
6	55·0	50·6	54·5	50·7	55·2	50·8	54·2	50·5	54·8	51·0	54·7	51·2	55·2	51·9	55·1	51·7	52·6	51·9	52·1	51·4	52·7	52·0	52·8	52·2	57·8	45·9
7	50·0	44·3	49·9	43·7	49·6	43·5	48·5	43·2	49·9	44·0	50·1	44·7	50·5	45·7	51·9	47·2	51·4	47·8	52·2	48·2	54·9	50·1	54·2	50·8	56·0	47·7
8	50·7	45·7	51·2	45·7	51·9	46·3	51·4	46·2	51·3	46·2	51·1	46·7	51·3	46·8	51·3	47·0	51·5	47·0	52·9	47·9	53·3	49·1	54·5	48·2	56·4	50·6
9	53·9	50·3	54·9	51·9	53·9	52·0	51·8	50·1	52·4	48·9	51·9	47·0	52·9	47·0	52·8	47·0	53·2	47·2	54·0	47·6	53·8	47·7	54·0	47·8	56·0	47·0
10	50·7	46·8	50·6	46·0	50·1	45·8	50·4	45·7	50·9	45·9	50·1	45·4	51·2	45·9	51·7	46·1	51·5	46·8	52·7	48·1	52·9	47·3	54·0	48·0	56·1	50·0
11	48·8	47·4	48·6	47·4	48·8	47·3	50·0	47·3	51·1	47·2	51·2	47·9	52·2	48·0	53·3	48·7	54·6	49·1	54·7	49·0	54·9	49·1	54·4	49·4	56·2	48·2
12	50·6	45·7	49·0	45·4	[47·4]	[42·4]	[48·3]	[43·3]	[48·4]	[43·4]	[48·4]	[43·4]	[48·0]	[43·0]	[48·4]	[43·4]	[48·7]	[43·7]	[49·7]	[44·7]	50·0	45·1	52·0	45·8	52·9	45·1
13	45·9	42·9	45·1	42·7	45·2	42·8	45·4	42·3	45·0	42·0	42·5	40·0	42·9	40·2	42·7	40·1	46·3	42·2	47·9	43·0	50·4	44·8	50·0	44·8	52·4	42·1
14	46·0	44·4	46·6	44·0	47·0	44·9	47·7	44·7	48·0	43·5	48·1	43·1	48·2	43·1	44·6	42·5	47·7	43·7	48·2	43·7	48·8	44·5	49·0	44·2	49·3	43·5
15	48·9	45·7	47·0	45·0	45·4	43·5	47·5	44·4	47·5	44·5	47·0	43·8	46·7	43·2	47·2	43·4	47·4	44·7	48·4	45·1	49·1	45·4	45·1	43·7	49·2	41·7
16	43·7	41·8	40·5	39·2	40·8	39·3	41·0	39·6	43·2	40·9	45·2	41·5	45·1	41·8	43·4	41·1	42·2	40·3	43·4	41·9	50·0	45·9	49·3	45·7	50·9	40·4
17	48·8	44·3	48·4	44·1	48·4	44·9	48·7	44·9	48·7	44·8	48·3	44·2	48·1	44·1	48·2	44·1	49·0	44·0	49·1	44·9	49·0	45·6	48·0	44·8	50·1	42·7
18	43·5	41·3	40·7	38·8	40·6	38·2	41·3	38·8	41·6	39·6	42·4	40·3	40·9	39·2	40·7	39·0	42·2	40·4	44·8	43·3	46·2	44·9	46·9	45·0	51·6	39·4
19	51·8	49·9	50·2	47·8	48·3	46·0	49·2	46·8	48·8	46·7	46·4	44·0	47·0	45·1	47·0	44·3	46·8	43·3	45·2	43·5	46·9	44·1	45·6	42·9	51·8	41·6
20	44·2	42·2	45·0	42·3	45·1	42·2	45·2	42·6	45·2	42·0	44·1	41·3	45·4	41·7	44·5	41·9	45·0	41·8	47·1	43·6	49·3	44·1	50·1	44·9	51·7	43·8
21	48·6	44·1	46·9	44·2	47·1	43·9	45·9	42·8	48·8	43·0	47·7	41·8	48·2	43·0	49·1	44·0	50·1	45·4	50·3	46·2	49·6	45·4	49·8	45·2	[53·4]	[45·0]
22	[47·2]	[45·7]	[46·8]	[45·0]	[46·1]	[44·4]	[46·1]	[44·8]	[46·2]	[44·3]	[46·0]	[43·7]	[46·6]	[44·3]	[46·5]	[44·8]	[48·1]	[46·1]	[49·9]	[47·9]	[51·2]	[47·1]	[51·6]	[47·4]	[52·2]	[42·0]
23	[40·2]	[39·0]	[39·2]	[38·3]	[39·1]	[37·9]	[38·9]	[37·5]	[38·0]	[36·4]	[37·1]	[35·4]	[36·6]	[35·3]	[35·5]	[34·4]	[35·5]	[34·5]	[37·7]	[36·8]	41·7	40·2	44·0	41·9	49·9	[34·1]
24	46·8	45·5	46·9	45·5	47·0	46·0	46·3	44·8	45·6	43·8	46·0	44·1	47·3	44·1	47·3	44·1	47·8	44·0	47·7	44·0	48·3	43·8	49·2	44·3	49·8	34·1
25	34·0	32·3	33·8	32·1	32·8	31·0	32·5	30·7	31·5	29·7	31·1	29·4	30·4	28·9	30·9	29·5	[30·5]	[29·9]	32·2	31·4	35·9	34·8	39·1	37·3	46·3	30·4
26	34·6	33·1	35·0	33·6	34·8	33·3	35·7	34·4	35·3	34·3	36·7	35·9	38·3	37·0	37·3	36·1	38·4	37·0	40·9	38·9	43·4	40·8	46·0	42·8	49·7	34·2
27	39·7	37·9	38·6	37·0	39·2	37·2	39·5	37·0	37·9	35·8	39·0	36·6	40·3	37·9	39·1	37·0	40·2	[37·0]	[43·0]	[40·4]	47·0	42·8	47·3	43·1	49·8	37·8
28	40·8	37·6	39·4	36·9	38·0	35·9	36·2	35·0	36·8	35·3	38·3	36·3	38·2	36·0	37·9	35·7	36·8	35·0	39·6	37·1	42·7	39·6	45·7	41·2	49·9	34·2
29	33·3	32·0	31·3	30·3	30·8	29·4	32·1	30·9	32·0	30·2	31·2	30·0	29·9	29·6	28·9	28·0	29·3	28·3	31·3	30·6	34·2	32·3	36·8	35·1	43·2	**28·4**
30	35·9	34·5	35·9	34·9	36·0	35·0	35·5	34·3	36·6	35·2	36·9	35·8	37·2	35·9	38·6	37·5	39·8	38·6	40·1	38·7	42·3	40·4	43·3	41·0	46·6	35·3
31	35·2	34·4	34·2	33·3	33·7	32·9	33·1	32·5	32·7	31·9	32·3	31·7	33·0	32·1	32·9	32·1	31·9	30·8	33·9	33·0	35·6	34·7	38·2	37·5	44·0	31·5
MEAN.	46·1	43·3	45·4	42·9	45·1	42·5	45·0	42·5	45·3	42·4	45·2	42·3	45·4	42·5	45·3	42·5	45·7	42·9	46·8	43·9	48·4	44·9	49·0	45·4	52·2	42·1

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	50·5	48·4	50·8	47·9	51·7	49·0	51·3	47·8	51·1	48·9	47·4	45·5	48·1	45·6	48·9	46·1	47·9	46·2	47·4	45·0	47·9	45·7	48·3	45·9	48·6	46·4
2	53·5	48·1	55·0	48·5	55·0	50·8	54·4	50·2	52·5	48·0	51·7	47·2	50·8	47·8	50·3	47·9	49·9	46·8	50·1	47·1	49·0	48·0	50·9	47·3	49·8	46·7
3	[54·0]	[53·7]	[54·8]	[54·4]	[55·0]	[54·8]	[55·5]	[55·0]	55·8	55·2	56·1	55·7	56·7	55·9	56·5	55·7	57·0	55·7	56·9	55·4	59·1	55·8	58·7	55·1	54·1	52·8
4	54·9	53·2	53·9	52·8	53·4	52·6	53·7	52·9	53·7	52·5	53·7	52·6	54·5	52·7	54·6	52·6	54·9	52·2	55·2	52·2	56·0	52·2	55·1	51·9	55·3	52·9
5	56·1	48·9	56·5	48·9	56·8	49·0	56·9	48·4	56·9	48·5	56·6	48·6	57·8	49·0	57·0	49·0	57·0	49·7	57·0	49·9	57·1	49·8	57·2	50·0	56·3	50·0
6	55·3	52·4	52·8	50·0	51·9	49·6	52·2	49·8	52·9	50·2	51·9	46·0	50·0	46·0	46·1	44·1	46·4	44·0	49·3	44·1	50·4	43·8	50·1	44·2	52·4	49·2
7	52·9	49·9	52·6	50·0	53·9	50·0	54·5	49·0	53·0	46·6	52·9	46·4	52·9	46·7	53·3	46·9	53·2	46·4	52·1	45·8	51·9	45·2	51·5	45·7	52·0	46·7
8	55·0	48·7	55·3	48·7	56·1	49·0	54·9	47·4	54·3	47·7	54·0	47·1	54·8	47·8	51·9	47·9	52·7	48·1	52·7	48·6	53·0	49·2	53·2	49·7	52·9	47·6
9	51·0	48·1	50·9	48·5	52·8	48·2	53·0	48·0	50·1	47·2	49·4	46·3	49·7	47·2	49·6	46·1	49·0	46·7	48·9	46·7	49·0	47·2	49·7	46·8	51·8	48·0
10	54·0	48·1	55·3	48·4	54·9	48·2	53·2	48·1	51·3	47·8	51·1	47·7	52·0	47·4	52·4	47·6	51·9	48·2	50·9	48·1	51·1	48·1	50·3	47·9	51·7	47·2
11	54·6	50·1	54·8	50·3	54·4	50·8	55·1	51·1	55·8	51·9	50·7	49·4	51·8	49·2	52·3	47·4	51·9	46·3	51·2	46·8	51·7	46·0	50·4	45·9	52·4	48·5
12	51·0	45·5	52·2	45·4	51·6	44·7	50·8	44·8	50·1	44·1	47·8	43·0	47·2	42·8	47·3	43·4	46·1	43·4	46·4	44·6	45·8	43·1	45·7	42·9	48·8	44·0
13	50·7	44·7	50·8	44·5	50·8	44·1	50·7	43·9	49·8	43·2	45·8	41·9	47·3	42·7	48·9	44·9	51·9	47·0	48·8	45·0	50·9	48·5	47·1	45·0	47·6	43·5
14	47·2	45·0	47·1	45·5	47·8	45·7	48·2	44·5	48·3	44·4	46·9	43·8	47·9	44·2	48·5	44·8	48·4	45·3	48·3	45·4	48·5	45·1	48·0	45·2	47·7	44·4
15	44·8	42·1	46·0	44·0	45·9	43·4	46·1	43·9	45·9	43·5	44·2	42·1	43·7	41·3	42·8	41·1	44·1	42·3	43·5	42·0	43·3	42·5	41·7	40·1	45·8	43·4
16	50·8	46·4	49·8	45·0	49·2	45·0	48·1	44·0	47·6	43·5	46·6	43·8	45·8	43·7	45·9	44·0	45·9	44·4	46·1	44·9	47·0	45·8	47·3	45·6	45·7	43·1
17	48·8	45·0	48·9	44·6	49·4	45·0	48·9	44·2	47·7	43·8	47·4	42·8	46·9	42·2	46·5	41·7	46·0	41·2	43·7	40·5	44·4	41·7	44·1	41·1	47·7	43·7
18	51·1	46·4	51·1	46·1	51·0	45·3	50·4	45·0	50·8	45·1	50·2	45·9	48·8	46·0	48·4	46·2	48·0	45·1	49·0	45·7	50·1	47·0	50·0	47·9	46·3	43·4
19	46·7	43·8	47·1	43·6	48·2	43·1	47·3	43·0	46·2	41·9	43·2	39·9	43·0	40·5	41·6	39·8	43·1	40·5	42·7	39·9	44·7	41·7	44·2	42·6	46·3	43·5
20	51·6	45·9	50·2	45·8	50·9	45·9	50·3	45·2	[50·0]	[45·0]	50·2	45·3	50·0	45·3	50·0	45·5	50·4	46·0	49·1	45·3	48·5	45·1	49·2	45·1	47·9	44·0
21	51·3	45·7	52·4	46·5	51·1	45·4	49·8	45·2	50·0	45·2	49·8	45·3	48·0	45·3	49·0	45·2	[49·5]	[45·3]	[50·2]	[45·2]	[48·7]	[45·7]	[48·0]	[45·5]	49·2	44·8
22	[50·4]	[46·8]	[50·4]	[47·4]	[50·8]	[47·1]	[49·7]	[46·4]	[49·0]	[45·8]	[47·9]	[45·9]	[47·2]	[45·0]	[46·1]	[44·0]	[46·0]	[44·0]	[45·7]	[43·7]	[44·1]	[42·1]	[42·4]	40·9	47·6	45·2
23	45·8	43·3	47·5	44·3	49·5	46·0	47·7	44·8	46·5	44·1	45·1	43·1	45·2	43·3	46·3	44·0	46·0	43·3	46·3	44·8	46·3	45·0	46·4	45·2	42·6	40·8
24	48·9	43·9	48·9	43·6	49·3	43·8	48·0	43·1	47·3	43·0	43·4	40·1	42·4	39·4	40·2	37·9	37·5	35·8	36·0	34·3	35·2	33·7	34·1	32·3	44·9	41·9
25	41·9	40·0	44·0	41·8	46·0	42·8	45·5	42·5	42·9	40·2	41·3	38·8	39·0	37·3	37·8	35·7	36·1	34·4	36·6	35·0	35·5	34·0	34·2	32·9	36·5	34·7
26	48·2	43·3	49·3	44·1	49·4	44·0	47·6	43·2	44·7	41·7	42·9	40·7	43·0	40·9	41·4	39·8	41·7	40·1	40·8	39·2	40·0	38·4	39·5	37·9	41·0	38·8
27	48·0	42·8	48·6	43·2	49·5	44·0	48·7	43·7	45·7	41·6	42·9	39·7	42·7	39·4	41·9	38·5	41·3	38·1	40·9	37·7	38·9	36·9	40·2	37·2	42·5	39·3
28	47·4	42·1	48·7	42·4	49·1	43·6	47·6	42·9	[43·0]	[40·0]	40·8	38·0	38·0	35·9	37·1	35·1	37·4	35·3	36·2	34·5	35·0	33·3	34·2	32·9	40·2	37·4
29	39·9	38·2	42·8	40·0	43·1	40·9	42·3	39·8	40·0	38·0	38·7	36·9	38·3	36·8	36·3	34·8	39·1	37·0	37·6	35·9	37·3	35·9	37·3	36·2	35·6	34·0
30	44·8	42·5	46·0	43·5	46·5	43·6	45·5	42·8	43·8	41·3	40·9	39·6	39·0	38·0	38·4	37·2	38·4	37·2	37·4	36·3	36·9	35·9	36·1	35·1	39·7	38·1
31	41·4	39·9	43·1	41·0	44·0	41·8	42·8	40·9	40·7	39·4	39·7	38·3	38·7	37·3	37·7	37·0	39·3	38·3	38·5	37·8	38·9	38·0	39·2	38·1	37·1	36·0
MEAN.	49·8	45·9	50·2	46·2	50·6	46·4	50·0	45·9	48·9	45·1	47·5	44·1	47·1	44·0	46·6	43·6	46·7	43·7	46·3	43·5	46·3	43·6	45·9	43·2	47·0	43·9

TEMPERATURE. DRY AND WET BULBS. NOVEMBER 1891.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	37·3	37·3	37·2	37·2	37·9	37·9	37·8	37·8	37·8	37·8	36·7	36·7	36·7	36·7	36·5	35·6	37·8	37·8	39·6	39·6	39·1	39·1	39·0	39·0	42·0	36·5
2	42·3	37·7	42·4	38·0	42·4	37·8	43·3	38·2	42·8	38·2	43·2	38·1	40·3	37·6	42·1	37·5	44·0	38·5	43·6	38·3	45·1	40·3	43·9	40·7	45·4	39·9
3	42·1	32·2	39·7	31·0	41·8	30·9	42·3	31·0	42·1	31·1	42·6	32·0	42·9	32·6	43·5	32·9	44·9	33·9	45·4	33·8	46·6	35·0	50·2	37·0	**50·6**	39·7
4	43·4	32·3	43·3	32·0	43·1	31·6	41·9	32·1	36·8	32·2	34·2	31·7	29·5	29·0	29·0	29·0	29·0	29·0	30·3	30·3	31·4	31·4	30·0	30·0	43·4	28·2
5	28·5	28·5	28·2	28·2	28·1	28·0	28·0	28·0	27·9	27·9	28·4	28·4	28·9	28·9	28·0	28·0	29·3	29·3	29·4	29·4	29·5	29·5	29·8	29·8	30·9	27·9
6	29·2	29·1	29·4	29·3	29·6	29·3	29·0	29·0	29·8	29·8	29·7	29·7	29·1	29·1	29·0	29·0	28·9	28·9	28·7	28·7	27·6	27·6	27·4	27·4	32·4	26·8
7	32·3	32·3	32·0	32·0	30·5	30·5	28·9	28·9	28·8	28·8	28·2	28·2	27·4	27·4	26·3	26·3	28·0	28·0	28·4	28·4	29·5	29·5	29·4	29·3	32·3	26·3
8	30·2	30·0	30·0	30·0	29·4	29·4	27·6	27·6	26·4	26·4	26·0	26·0	25·9	25·9	26·1	26·1	26·3	26·3	26·1	26·1	26·9	26·9	28·0	28·0	32·1	25·9
9	26·8	26·8	26·2	26·2	27·4	27·4	28·3	28·2	28·8	28·8	28·8	28·8	28·8	28·8	28·8	28·8	27·5	27·5	27·2	27·2	27·1	27·1	26·6	26·6	28·8	25·1
10	25·2	25·2	25·0	25·0	25·2	25·2	25·3	25·3	24·5	24·5	24·0	24·0	24·2	24·2	24·2	24·2	24·5	24·5	24·2	24·2	24·2	24·2	25·1	25·1	25·8	24·0
11	25·2	25·2	25·0	25·0	25·6	25·4	25·8	25·8	26·1	26·0	26·8	26·8	27·0	27·0	26·9	26·9	27·6	27·6	27·6	27·6	27·5	27·5	28·0	28·0	29·4	24·8
12	24·3	24·3	24·0	24·0	24·7	24·7	24·3	24·3	24·0	24·0	23·2	23·2	22·8	22·8	22·0	22·0	22·8	22·8	24·0	24·0	24·1	24·0	24·4	24·4	29·0	22·0
13	27·2	27·2	27·2	27·2	27·0	27·0	27·0	27·0	27·9	27·9	29·2	29·2	30·2	30·2	30·9	30·8	31·2	31·2	31·8	31·8	31·9	31·9	31·8	31·8	31·9	27·0
14	28·3	28·3	28·2	28·2	28·3	28·3	28·4	28·4	28·3	28·3	28·0	28·0	26·9	26·9	26·8	26·8	27·3	27·3	27·8	27·8	28·0	28·0	28·2	28·2	28·4	26·8
15	27·8	27·8	27·3	27·3	27·5	27·5	28·1	28·1	28·2	28·2	28·3	28·3	28·4	28·4	28·0	28·0	28·0	28·0	28·2	28·2	28·7	28·7	28·8	28·8	28·8	27·1
16	27·7	27·7	26·2	26·3	25·5	25·7	27·0	26·9	27·3	27·3	27·1	27·1	27·0	27·0	27·8	27·8	28·0	28·0	28·2	28·2	28·2	28·2	27·2	27·2	28·2	24·6
17	25·0	25·0	25·1	25·1	25·2	25·2	26·1	26·1	26·4	26·4	26·4	26·4	26·0	26·0	25·9	25·9	26·9	26·9	26·4	26·4	27·0	27·0	27·6	27·6	27·6	25·0
18	25·1	25·1	26·8	24·9	25·4	24·5	24·6	24·4	24·6	24·8	25·0	25·0	25·0	25·0	25·1	25·1	25·2	25·2	25·2	25·2	25·8	25·8	25·0	25·0	32·0	24·6
19	29·3	29·3	29·6	29·6	29·2	29·2	29·9	29·9	29·8	29·8	29·2	29·2	29·2	29·2	29·5	29·5	29·5	29·5	29·9	29·9	29·1	29·1	30·0	30·0	31·6	29·1
20	30·4	30·4	30·8	30·8	30·2	30·2	29·8	29·8	28·4	28·4	28·0	28·0	27·6	27·6	27·0	27·0	27·9	27·9	28·9	28·9	29·0	29·0	30·0	30·0	30·8	27·0
21	28·1	28·1	27·4	27·4	26·4	26·4	26·1	26·1	24·7	24·7	24·2	23·4	24·7	23·7	25·0	24·0	24·8	24·8	24·8	24·8	25·2	25·2	25·3	25·3	28·1	22·2
22	23·1	23·0	23·0	23·0	23·0	23·0	22·8	22·8	22·3	22·3	21·0	21·0	21·0	21·0	21·0	20·9	22·8	22·2	23·6	23·0	24·2	23·8	23·3	23·1	24·2	20·9
23	20·7	20·7	19·8	19·7	20·0	20·0	19·0	19·0	20·9	20·9	21·9	21·9	23·1	23·1	23·9	23·9	24·1	24·1	24·8	24·8	24·5	24·5	24·8	24·8	25·2	19·0
24	22·1	21·8	22·8	22·8	23·0	23·0	22·8	22·8	21·0	21·0	20·2	20·2	20·1	19·9	19·8	18·9	20·2	19·0	21·3	20·1	21·8	21·1	22·0	21·1	23·0	19·2
25	19·8	19·8	20·2	20·2	21·0	21·0	21·4	21·4	21·8	21·8	22·3	22·3	23·1	23·1	23·5	23·5	23·7	23·7	24·1	24·1	25·0	25·0	26·5	26·5	26·5	19·8
26	22·0	22·0	22·0	22·0	21·6	21·6	21·9	21·9	22·0	22·0	21·9	21·9	21·1	21·1	20·3	20·3	20·5	20·5	20·8	20·8	21·0	21·0	21·0	21·0	22·0	**18·7**
27	19·2	19·0	21·0	19·1	21·3	19·9	21·3	20·0	22·8	20·8	22·7	20·4	22·0	19·0	21·6	19·9	22·5	19·7	23·0	20·3	21·0	21·4	22·8	22·1	25·2	19·2
28	23·3	23·3	23·0	23·0	22·8	22·8	23·2	23·2	22·9	22·9	23·0	23·0	22·3	22·3	22·3	22·3	22·4	22·4	24·3	24·3	25·9	26·0	26·3	26·3	30·3	22·3
29	27·1	27·1	27·9	27·9	27·9	27·9	28·2	28·2	28·1	28·1	28·0	28·0	27·9	27·9	27·1	27·1	26·8	26·8	26·6	26·6	26·1	26·1	25·4	25·5	28·2	22·3
30	23·1	23·1	23·3	23·3	23·5	23·5	23·8	23·8	24·1	24·1	24·0	24·0	24·5	24·5	25·3	25·3	25·8	25·8	26·4	26·4	27·2	27·2	28·6	28·6	29·0	23·1
MEAN.	27·9	27·0	27·8	26·9	27·8	26·8	27·8	26·9	27·6	26·8	27·4	26·7	27·1	26·5	27·1	26·4	27·6	26·9	28·0	27·3	28·3	27·7	28·5	27·9	30·8	25·5

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	40·1	39·7	40·0	39·6	40·0	39·3	39·9	39·1	40·3	39·5	40·5	39·7	39·8	37·2	40·0	34·9	40·5	34·8	40·5	33·8	40·7	34·3	42·0	36·1	39·1	37·5
2	45·4	43·1	45·1	39·3	44·1	34·3	42·2	33·0	41·6	31·7	42·6	33·1	40·0	31·8	41·1	32·8	40·5	32·8	39·9	32·1	41·1	33·0	41·9	32·3	42·5	36·3
3	50·6	37·6	50·0	37·1	48·1	35·8	47·6	36·0	44·0	33·5	43·9	32·9	45·0	33·8	44·4	32·9	44·4	32·8	45·1	33·0	45·1	34·0	44·3	33·1	44·9	33·6
4	30·2	30·2	31·8	31·8	31·0	31·0	30·7	30·7	30·1	30·1	29·1	29·1	29·2	29·2	29·1	29·1	31·0	30·0	29·0	29·0	28·2	28·2	28·3	28·3	32·5	30·3
5	30·1	30·1	30·3	30·3	30·3	30·1	30·9	30·8	30·4	30·4	30·1	30·1	29·8	29·8	30·2	30·1	30·9	30·9	30·6	30·6	30·0	29·8	29·3	29·2	29·5	29·4
6	26·9	26·9	26·8	26·8	26·9	26·9	27·8	27·8	29·3	29·1	30·0	29·8	30·9	30·7	31·3	31·3	32·0	32·0	32·4	32·4	32·4	32·4	32·4	32·4	29·4	29·4
7	30·1	30·1	28·5	28·5	28·9	28·7	28·7	28·4	28·9	28·9	28·3	28·3	29·0	29·0	27·6	27·6	28·7	28·4	28·1	28·1	29·0	28·9	30·1	30·0	29·0	28·9
8	29·4	29·4	29·8	29·8	30·2	30·1	30·2	30·2	30·3	30·3	30·9	30·9	31·8	31·8	32·1	32·1	32·0	32·0	32·0	32·0	30·3	30·3	27·9	27·9	29·0	29·0
9	26·9	26·9	26·0	26·0	26·4	26·4	26·3	26·3	26·2	26·2	25·6	25·6	25·5	25·3	25·8	25·8	25·6	25·6	25·4	25·4	25·1	25·1	25·2	25·1	26·8	26·7
10	24·9	24·9	24·0	24·0	24·2	24·1	24·2	24·2	24·2	24·2	24·2	24·2	24·6	24·6	24·8	24·8	24·9	24·9	25·0	25·0	25·8	25·8	25·8	25·8	24·7	24·7
11	28·8	28·8	29·4	29·4	29·4	29·4	29·2	29·2	27·2	27·2	26·9	26·9	26·2	26·1	26·3	26·3	26·7	26·7	26·6	26·6	25·2	25·2	24·8	24·8	26·9	26·9
12	25·2	25·0	25·4	25·4	25·8	25·8	25·5	25·5	26·5	26·5	27·2	27·2	28·0	28·0	28·6	28·6	29·0	28·8	28·5	28·4	28·2	28·0	28·0	27·9	25·4	25·4
13	31·7	31·7	31·2	31·2	30·8	30·8	30·0	30·0	29·9	29·9	29·6	29·6	30·0	30·0	30·5	30·5	30·4	30·4	29·1	29·1	28·7	28·7	28·3	28·3	29·7	29·7
14	28·4	28·4	28·4	28·4	27·8	27·8	27·6	27·6	27·8	27·8	27·4	27·4	27·4	27·4	27·0	27·0	27·3	27·3	27·1	27·1	27·7	27·7	27·8	27·8	27·8	27·8
15	28·8	28·8	28·8	28·8	28·7	28·7	28·3	28·3	28·3	28·3	27·9	27·9	27·9	27·9	28·1	28·1	27·8	27·8	27·3	27·3	27·9	27·9	27·1	27·1	28·1	28·1
16	27·0	27·0	27·8	27·8	27·3	27·3	26·9	26·9	26·0	26·0	25·0	25·0	25·0	25·0	24·8	24·8	24·6	24·6	24·8	24·8	24·8	24·8	25·0	25·0	26·5	26·5
17	27·0	27·0	26·2	26·2	26·4	26·4	25·9	25·9	25·8	25·8	25·9	25·9	25·8	25·8	26·0	26·0	25·6	25·6	26·8	26·8	26·7	26·7	25·7	25·7	26·2	26·2
18	25·9	25·9	26·4	26·4	27·0	27·0	29·0	29·0	31·9	31·9	32·0	32·0	32·0	32·0	31·8	31·8	31·1	31·1	30·1	30·1	29·5	29·6	30·0	30·0	27·5	27·4
19	30·1	30·1	30·1	30·1	30·0	30·0	29·7	29·7	30·1	30·1	29·1	29·1	29·8	29·8	30·8	30·8	30·8	30·8	30·1	30·1	30·2	30·2	31·6	31·6	29·9	29·9
20	28·7	28·7	27·8	27·8	27·4	27·4	28·0	28·0	28·3	28·3	28·1	28·1	28·2	28·2	28·3	28·3	28·2	28·2	28·3	28·3	28·3	28·3	28·3	28·3	28·6	28·6
21	25·0	25·0	24·9	24·9	24·0	24·0	24·0	24·0	22·6	22·6	23·0	23·0	23·0	23·0	23·7	23·7	23·0	23·0	22·2	22·2	22·8	22·8	23·0	23·0	24·5	24·4
22	23·4	23·2	23·1	23·0	23·5	23·0	22·8	22·0	21·7	21·7	21·1	21·1	21·0	21·0	22·0	21·9	21·4	21·4	20·9	20·9	21·1	21·0	21·1	21·0	22·3	22·1
23	24·8	24·8	24·9	24·9	25·0	25·0	25·0	25·0	25·0	25·0	25·0	25·0	25·0	25·0	25·1	25·1	25·2	25·2	25·0	25·0	24·3	24·3	21·8	21·8	23·5	23·5
24	21·2	21·1	21·8	21·8	20·8	20·8	20·9	20·9	21·0	21·0	21·1	21·1	21·0	21·0	20·0	20·0	19·8	19·8	19·2	19·2	19·2	19·2	19·2	19·2	20·9	20·7
25	25·1	25·1	25·0	25·0	24·9	24·9	23·4	23·4	24·0	24·0	23·6	23·6	23·0	23·0	23·2	23·2	22·0	22·0	22·0	22·0	22·0	22·0	22·1	22·1	23·0	23·0
26	20·1	20·1	21·3	21·3	19·9	19·9	19·7	19·7	19·1	19·1	19·5	19·5	19·0	19·0	19·0	19·0	18·7	18·6	19·0	18·9	19·8	18·8	19·6	19·0	20·4	20·4
27	22·7	22·9	22·9	22·9	22·2	22·2	23·2	23·2	24·1	24·1	25·0	25·0	25·2	25·2	24·8	24·8	24·3	24·3	23·8	23·8	24·1	24·1	23·4	23·4	22·8	22·0
28	26·7	26·7	25·9	25·9	26·9	26·9	27·0	27·0	27·2	27·2	29·6	29·6	30·3	30·3	29·1	29·1	27·2	27·2	27·0	27·0	26·9	26·9	27·0	27·0	25·5	25·5
29	25·1	25·2	24·9	25·0	23·8	23·8	22·9	22·9	23·5	23·5	23·3	23·3	23·1	23·1	23·2	23·2	23·4	23·4	23·3	23·3	22·3	22·3	22·9	22·9	25·4	25·4
30	29·0	29·0	29·0	29·0	28·4	28·4	28·3	28·3	27·8	27·8	27·9	27·9	27·8	27·8	27·1	27·1	26·5	26·5	26·4	26·4	26·1	26·1	25·8	25·8	26·2	26·2
MEAN.	28·6	28·1	28·6	27·9	28·3	27·5	28·2	27·4	28·1	27·4	28·1	27·4	28·1	27·4	28·2	27·4	28·1	27·2	27·8	27·0	27·8	26·9	27·7	26·7	28·0	27·2

TEMPERATURE. DRY AND WET BULBS. NOVEMBER 1891.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	40·0	38·9	41·0	40·2	41·1	40·1	41·4	40·4	41·6	40·5	42·1	41·1	41·0	40·3	41·3	40·3	42·6	41·5	43·9	42·3	47·0	44·6	48·0	45·3	50·2	39·2
2	42·1	41·1	40·7	39·8	40·8	39·8	41·2	40·0	41·0	40·0	41·0	39·8	40·5	39·8	39·1	38·2	39·0	38·1	40·8	40·0	43·7	42·8	45·2	44·1	51·0	37·8
3	39·8	38·3	39·1	37·7	38·3	37·2	38·7	37·5	38·3	37·2	38·9	38·0	40·0	39·0	40·4	39·2	41·8	40·4	42·3	40·8	43·7	41·8	44·4	42·6	45·9	38·1
4	42·1	40·3	42·6	40·1	43·2	41·2	43·7	41·7	43·4	41·0	44·2	42·0	43·7	41·5	44·3	42·4	45·0	42·9	46·1	43·7	47·1	44·5	47·2	45·0	48·6	41·3
5	42·8	40·9	42·7	40·3	42·4	40·3	42·1	40·3	42·1	40·2	41·9	40·1	42·0	40·5	41·9	40·7	42·1	41·0	42·0	41·1	43·3	42·7	44·0	42·8	45·1	41·8
6	45·0	44·3	45·0	43·9	45·2	44·2	45·0	43·8	44·7	43·8	44·3	43·3	44·9	43·7	45·0	43·2	45·3	43·2	45·1	42·9	45·3	42·6	45·9	42·1	47·4	44·3
7	47·0	44·9	46·8	44·8	44·9	43·2	43·0	41·7	42·6	41·2	40·8	39·9	39·1	38·3	38·2	37·4	38·1	37·3	37·8	37·0	40·6	39·8	43·3	42·1	47·4	37·2
8	48·4	44·8	47·8	44·3	48·0	43·2	48·2	41·7	47·7	40·9	47·0	40·5	46·8	40·0	47·3	40·2	47·1	40·8	47·3	40·8	48·0	41·8	48·2	42·1	48·8	43·3
9	42·7	40·7	42·5	40·6	44·1	41·6	45·3	42·2	46·0	42·7	44·7	42·7	44·1	42·6	43·2	41·3	43·8	41·2	43·9	41·4	42·5	40·9	43·2	40·9	46·2	38·0
10	41·2	39·0	41·0	39·3	40·3	38·9	40·4	39·5	40·0	38·1	37·9	36·5	38·0	37·0	39·3	38·0	41·3	39·3	40·6	37·5	41·0	38·3	40·9	38·8	43·7	37·4
11	42·3	39·4	41·8	39·2	42·3	39·3	43·0	39·5	43·6	39·9	42·2	40·0	42·0	40·0	42·1	40·0	42·9	40·1	43·2	40·7	43·1	40·7	42·4	40·8	43·9	40·3
12	41·0	39·1	41·9	39·1	43·2	39·3	42·4	39·2	43·1	39·0	41·8	38·3	42·3	37·9	42·2	36·9	42·7	38·0	42·3	39·0	43·2	39·2	43·1	39·4	46·3	39·0
13	41·3	39·1	42·7	40·0	42·1	40·0	43·2	40·5	43·7	40·9	45·2	42·1	47·2	43·3	48·2	44·1	50·5	45·0	50·8	45·6	51·2	45·9	51·0	45·9	**51·8**	40·9
14	44·6	42·7	44·2	42·7	44·0	42·1	43·7	42·0	43·9	42·1	43·9	42·0	45·9	41·7	44·3	41·2	44·8	41·2	45·8	42·8	45·7	43·0	46·2	42·9	46·8	42·1
15	42·1	39·9	41·6	39·4	41·0	39·1	40·4	38·8	41·0	39·4	41·3	39·9	41·8	40·0	42·4	40·3	41·9	40·1	41·7	40·0	43·0	41·1	44·1	41·9	45·0	39·9
16	39·0	37·9	39·1	38·1	38·2	37·1	37·3	36·0	[38·1]	[37·0]	[35·2]	[34·1]	[34·2]	[33·0]	[34·6]	[33·5]	[35·3]	[34·2]	[36·9]	[35·8]	39·0	38·0	40·0	38·8	44·2	[33·0]
17	44·3	39·5	44·7	39·8	43·6	40·1	42·7	40·0	42·7	40·3	41·3	39·7	41·3	39·4	40·8	39·1	40·2	39·0	41·0	39·9	42·0	40·5	42·2	40·6	45·3	37·0
18	37·4	36·6	37·2	36·7	35·9	35·3	35·5	34·8	35·1	34·3	35·0	34·1	37·4	36·0	38·0	36·5	39·3	37·3	44·2	39·7	44·8	40·7	43·4	40·0	47·3	34·9
19	46·2	44·5	47·4	44·0	47·7	43·8	48·8	44·1	47·5	43·9	48·4	44·1	48·0	43·9	48·3	43·8	47·9	43·9	48·2	44·1	48·9	44·0	48·5	44·7	49·0	45·3
20	45·9	44·5	45·2	44·4	45·0	43·9	45·7	42·9	45·3	42·3	44·8	41·9	43·4	41·3	42·7	41·1	44·0	42·6	44·3	43·1	44·8	43·9	45·7	45·0	46·4	40·9
21	40·6	39·9	41·3	40·7	40·4	39·6	40·6	39·9	41·3	40·0	39·4	38·2	38·4	37·3	37·0	36·0	37·0	35·9	37·2	36·1	38·5	37·0	39·6	38·1	42·1	36·4
22	37·1	35·8	35·7	34·3	34·7	33·5	35·3	34·4	35·9	35·0	35·0	34·0	35·4	34·3	34·3	33·2	34·0	32·9	33·6	32·4	33·3	32·9	34·8	34·0	38·4	32·7
23	32·3	31·6	31·9	30·8	31·9	30·9	31·3	30·5	30·9	30·2	30·8	30·1	31·5	30·6	32·1	31·1	33·9	32·2	34·9	33·5	36·2	35·4	37·7	36·4	39·0	30·7
24	34·8	34·3	35·0	34·5	34·9	34·6	35·2	34·8	35·0	34·7	34·5	34·0	33·8	33·3	33·4	33·1	33·3	33·2	33·7	33·2	34·7	33·9	35·0	34·0	36·5	30·2
25	37·8	34·2	38·4	34·9	39·0	35·2	39·2	35·6	40·3	36·0	40·3	36·7	39·7	36·9	39·0	37·0	37·9	36·4	38·5	37·1	39·4	38·1	41·2	39·2	41·2	35·0
26	36·8	35·5	35·9	34·8	35·9	35·2	36·9	35·8	35·9	35·0	36·7	35·9	35·8	34·9	35·2	34·3	35·1	34·3	36·2	35·2	34·8	34·0	34·8	34·0	37·7	29·2
27	29·9	29·1	27·2	26·6	26·3	25·7	27·0	26·2	26·7	25·8	26·6	25·7	27·3	26·3	26·5	25·9	25·9	25·2	26·0	25·0	28·6	27·9	28·5	27·7	34·1	**25·5**
28	33·0	32·1	33·0	32·1	34·7	33·6	34·1	33·1	33·9	33·1	39·9	36·3	40·8	37·0	41·2	37·3	41·2	37·7	41·9	38·0	42·4	39·0	43·0	39·9	48·1	32·5
29	46·0	41·7	45·3	42·1	45·2	42·4	44·9	42·8	44·4	42·9	44·4	43·0	44·1	42·3	43·5	41·8	43·0	41·3	42·1	40·9	41·9	40·2	42·1	40·4	46·3	38·3
30	40·9	38·0	41·3	38·2	41·7	38·2	42·0	38·4	42·9	38·9	42·9	38·8	44·0	39·4	42·7	39·9	42·9	40·1	43·1	40·7	43·8	41·2	44·2	42·3	45·1	40·5
MEAN.	40·8	39·0	40·7	38·8	40·5	38·6	40·6	38·6	40·6	38·5	40·4	38·4	40·5	38·4	40·3	38·2	40·7	38·5	41·2	39·0	42·0	39·9	42·6	40·4	45·0	37·4

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	49·2	46·4	49·7	47·4	49·9	47·1	49·3	46·9	47·6	45·9	46·7	45·2	47·0	45·9	45·6	44·6	45·2	44·3	44·1	43·3	44·0	43·3	42·3	41·5	44·7	43·2
2	46·8	45·6	48·3	46·6	50·1	47·0	49·5	45·4	45·9	43·0	42·1	40·9	40·4	39·2	39·3	38·1	38·4	37·1	39·0	37·8	38·3	37·2	39·1	37·8	42·2	40·8
3	45·8	42·8	45·8	42·9	45·1	42·3	44·4	42·0	43·6	41·2	43·0	40·8	42·9	40·7	43·6	41·0	43·9	41·2	44·0	41·3	43·7	41·0	42·9	40·9	42·3	40·3
4	47·4	45·0	47·9	45·3	47·2	45·3	46·9	45·1	46·3	43·3	45·2	42·8	44·9	42·1	44·5	41·9	44·2	41·7	43·7	41·0	43·4	41·0	43·1	40·8	44·9	42·6
5	44·0	43·0	43·8	43·0	43·9	43·0	43·8	43·0	44·1	43·2	44·0	43·3	44·3	43·3	44·7	43·9	44·7	44·0	44·6	43·9	45·0	44·3	45·0	44·2	43·4	42·2
6	46·1	41·7	46·2	42·0	46·0	42·1	45·8	42·1	45·1	42·6	44·7	43·3	45·3	44·6	45·8	44·9	46·6	45·9	47·0	46·2	47·2	46·5	46·9	45·9	45·6	43·7
7	47·1	45·1	47·3	43·9	46·9	44·4	46·9	43·3	46·8	43·1	45·4	42·8	47·3	42·8	46·1	41·7	46·9	42·8	46·1	41·8	46·9	42·7	47·1	44·2	44·3	41·9
8	45·9	42·8	46·5	43·3	46·3	43·7	46·3	43·8	47·0	44·1	46·9	44·3	48·0	45·1	48·3	45·7	48·7	45·8	47·3	45·6	45·2	43·0	43·4	41·5	47·2	42·9
9	43·1	41·9	42·9	40·3	43·5	41·3	41·7	40·3	40·9	39·9	39·2	38·1	39·8	38·9	40·1	38·7	39·8	38·9	40·1	38·4	40·4	39·2	40·2	38·5	42·4	40·6
10	41·6	39·7	38·8	37·5	39·3	38·0	39·4	38·4	40·0	37·8	42·3	38·7	40·5	38·3	42·3	39·0	41·3	38·3	42·1	38·7	43·1	39·1	43·2	39·9	40·7	38·5
11	42·9	40·8	42·6	40·7	41·4	40·1	41·3	40·2	41·0	39·8	40·8	39·1	40·9	39·4	41·2	40·0	42·4	40·9	42·3	39·9	41·8	39·1	42·0	39·2	42·1	40·0
12	44·4	40·1	45·0	40·8	44·5	40·2	42·0	38·6	40·7	37·6	39·2	36·9	39·9	37·7	42·1	39·8	45·2	41·8	45·9	41·8	45·7	41·4	44·5	40·9	42·8	39·3
13	51·0	45·8	49·7	45·7	48·8	44·9	47·2	44·5	45·8	43·8	45·7	43·7	45·9	43·9	46·1	43·8	45·6	43·3	46·2	43·5	44·9	42·4	44·9	42·6	46·6	43·3
14	45·2	42·9	46·0	43·2	45·6	43·0	46·4	42·2	46·2	42·1	45·6	41·3	43·0	40·2	42·5	39·8	42·7	40·0	42·6	40·0	42·9	40·0	42·6	40·1	44·5	41·7
15	44·1	41·9	44·0	42·0	44·2	42·1	43·7	41·6	43·4	41·4	42·9	41·0	42·8	40·9	42·3	40·7	40·7	39·2	40·1	38·7	40·8	39·3	40·3	39·1	42·2	40·3
16	40·5	39·4	41·1	40·0	41·8	40·3	41·8	40·3	44·0	39·8	43·9	39·0	44·0	39·1	43·9	38·8	43·7	38·7	43·5	38·8	40·9	37·4	43·2	39·0	40·0	37·8
17	42·9	41·0	43·2	41·4	42·4	41·1	41·2	39·8	39·9	38·5	40·2	38·9	40·0	38·6	39·1	37·8	39·8	39·0	41·0	39·8	40·1	39·2	37·0	36·2	41·4	39·6
18	42·3	39·6	43·9	40·3	44·4	41·2	45·1	42·6	46·8	43·8	46·0	45·0	46·9	45·5	46·5	45·0	47·1	45·0	47·0	45·7	47·0	45·0	46·9	44·5	42·2	40·2
19	48·1	45·0	46·9	44·9	47·0	44·9	45·9	44·0	46·8	44·5	46·7	44·4	46·3	44·4	47·0	44·5	46·6	44·6	46·7	44·1	46·3	44·7	46·0	44·3	47·4	44·3
20	45·7	44·1	45·5	44·2	44·9	42·8	43·2	41·1	44·0	41·9	42·4	40·5	42·3	40·5	42·5	40·7	41·9	40·5	40·9	40·0	41·8	40·2	41·0	40·0	43·9	42·2
21	41·3	39·2	42·0	40·4	41·4	40·0	40·5	39·1	39·6	37·9	38·5	36·8	38·9	36·7	39·0	36·9	38·8	37·0	37·6	36·3	37·9	36·2	37·8	36·1	39·4	38·0
22	36·2	35·2	37·6	36·1	38·2	36·9	38·0	36·5	36·0	34·8	34·6	33·5	33·1	32·2	32·8	32·1	34·0	33·2	34·0	33·3	33·9	32·9	33·4	32·6	35·0	34·0
23	38·5	37·5	38·7	37·6	38·8	37·9	38·7	37·9	38·7	38·0	37·2	36·8	37·7	37·0	38·0	37·0	36·4	35·8	34·8	34·1	34·6	34·2	34·1	33·8	35·1	34·2
24	35·0	33·8	34·6	33·5	33·8	32·9	32·4	31·6	30·9	30·0	30·8	29·9	30·7	30·5	31·1	30·1	31·0	30·0	31·3	30·3	33·0	31·0	36·0	[32·0]	33·5	32·6
25	39·9	38·8	38·6	37·7	37·3	36·8	35·4	34·9	35·2	34·9	35·1	34·7	35·3	35·0	36·3	35·7	36·7	36·1	37·0	36·0	37·8	36·8	37·7	36·3	38·0	36·3
26	35·4	34·9	36·1	35·1	35·9	35·0	35·4	34·4	34·8	34·0	35·2	34·5	34·1	33·4	33·1	32·4	30·7	30·0	31·2	30·3	30·2	[29·0]	29·2	28·4	34·6	33·8
27	30·3	29·0	31·6	30·3	31·9	30·6	31·2	30·1	31·7	31·1	31·7	30·4	32·2	31·3	33·0	[31·8]	33·8	[32·0]	34·0	[32·1]	33·6	32·7	33·2	32·6	29·8	28·8
28	43·7	40·6	42·8	39·7	42·5	40·0	44·0	40·7	44·2	41·5	46·1	43·0	48·0	44·1	47·1	42·7	45·9	41·1	46·2	41·2	45·7	41·1	45·8	41·3	41·7	38·6
29	41·7	40·0	41·7	39·2	40·8	38·7	41·3	38·8	41·2	38·7	40·2	38·1	40·1	37·2	40·0	37·8	39·9	37·9	39·7	38·0	42·1	38·2	41·0	38·0	42·4	40·1
30	44·9	43·0	45·0	43·1	44·3	43·3	44·0	42·2	44·3	42·3	44·0	42·3	43·7	42·7	43·6	41·7	43·5	40·9	43·1	40·7	42·5	40·0	42·6	40·0	43·2	40·7
MEAN.	43·0	40·9	43·1	40·9	42·9	40·9	42·4	40·4	42·1	40·0	41·5	39·7	41·5	39·7	41·6	39·6	41·5	39·6	41·4	39·4	41·4	39·3	41·1	39·1	41·4	39·4

TEMPERATURE. DRY AND WET BULBS. DECEMBER 1891.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	25·4	25·4	26·1	26·1	26·7	26·7	29·7	29·7	31·8	31·8	32·0	32·0	33·0	32·2	33·2	33·2	32·9	32·9	32·4	32·4	32·5	32·5	32·1	32·1	33·4	25·4
2	27·9	27·9	26·9	26·9	26·7	26·7	26·2	26·2	25·2	25·2	25·1	25·1	23·2	23·2	23·4	23·4	24·9	24·9	25·0	25·0	25·7	25·7	26·8	26·8	29·0	23·2
3	29·0	29·0	28·9	28·9	29·0	29·0	29·8	29·8	31·0	31·0	32·2	32·2	34·7	34·7	35·8	35·8	34·9	34·9	34·3	34·2	33·6	33·5	34·2	34·2	35·8	28·9
4	30·1	30·1	30·4	30·4	31·0	31·0	30·8	30·8	30·5	30·5	30·1	30·1	30·2	30·2	30·4	30·4	29·2	29·2	28·2	28·2	29·6	29·6	30·9	30·9	32·6	28·2
5	34·2	34·1	34·0	34·0	34·1	34·1	33·9	33·9	32·6	32·6	32·2	32·2	32·0	32·0	31·8	31·8	31·2	31·2	31·2	31·2	31·6	31·6	30·9	30·9	34·2	27·3
6	27·3	27·3	27·1	27·1	26·0	26·0	26·7	26·7	27·1	27·1	26·8	26·8	25·8	25·8	25·6	25·6	24·1	24·1	24·0	24·0	24·0	24·0	24·6	24·6	27·3	23·9
7	24·9	24·9	24·9	24·9	24·3	24·3	24·0	24·1	23·2	23·3	22·5	22·5	23·9	23·9	22·3	22·3	24·1	22·7	24·1	22·8	23·2	22·6	23·7	22·9	25·1	20·4
8	22·7	22·4	25·1	25·1	26·0	26·0	26·1	26·1	27·0	27·0	27·6	27·6	27·1	27·1	27·1	27·1	26·7	26·7	26·1	26·1	26·3	26·5	23·2	22·9	30·1	22·3
9	29·8	29·8	28·9	28·9	29·1	29·1	29·3	29·3	29·3	29·3	29·2	29·2	28·1	28·1	28·0	28·0	27·3	27·3	27·3	27·3	27·0	27·0	27·8	27·8	32·0	26·7
10	27·0	27·0	26·1	26·1	27·0	27·0	27·2	27·2	27·0	27·0	25·9	25·9	24·3	24·3	23·2	23·2	23·1	23·1	22·9	22·9	22·3	22·3	21·7	22·0	27·2	17·0
11	16·9	16·9	16·1	16·1	16·8	16·8	16·9	16·9	17·9	17·9	17·9	17·9	17·9	17·9	17·9	17·9	18·9	18·9	18·1	18·1	18·7	18·7	18·5	18·5	19·8	16·1
12	20·3	20·3	20·4	20·3	20·9	20·9	19·9	19·9	20·2	20·2	20·8	20·8	20·5	20·5	21·3	21·3	21·4	21·4	21·0	21·0	20·1	20·8	21·1	21·1	21·4	18·4
13	22·9	22·9	25·3	25·2	26·2	26·2	27·0	26·9	26·3	26·3	27·8	27·8	28·5	28·5	28·4	28·4	28·4	28·4	28·8	28·8	29·3	29·3	29·5	29·5	29·5	22·9
14	24·1	24·1	24·1	24·1	24·0	24·0	23·3	23·3	23·8	23·8	23·8	23·8	22·2	22·2	23·0	23·0	23·0	23·0	22·9	22·9	22·7	22·7	22·8	22·8	24·1	20·4
15	20·8	20·9	20·2	20·3	19·2	19·2	21·1	21·1	21·2	21·2	20·4	20·4	20·2	20·2	21·2	21·2	21·2	21·2	21·2	21·2	21·1	21·1	21·2	21·2	32·0	19·2
16	30·0	30·1	29·7	29·7	28·9	28·9	28·9	28·9	31·7	31·7	28·0	28·0	28·6	28·6	27·1	27·1	26·1	26·1	26·0	26·0	27·0	26·0	25·2	25·2	33·8	25·0
17	30·4	24·7	32·2	25·1	30·0	24·1	29·3	24·0	26·1	23·2	28·3	23·3	26·6	23·0	25·9	22·9	27·0	23·2	27·8	24·9	27·1	24·9	27·6	24·6	32·2	25·5
18	30·8	30·8	30·6	30·6	30·7	30·7	31·2	31·2	31·6	31·6	31·0	31·0	31·0	31·0	31·0	31·0	30·8	30·8	31·0	31·0	30·7	30·7	30·5	30·5	32·3	30·5
19	32·3	32·3	32·4	32·4	32·2	32·2	32·3	32·3	32·2	32·2	32·0	32·0	31·8	31·8	31·8	31·8	31·3	31·3	31·0	31·0	30·0	30·0	29·1	29·1	32·4	26·0
20	27·4	27·4	27·5	27·5	27·1	27·1	27·2	27·2	27·3	27·3	27·3	27·3	27·3	27·3	27·7	27·7	28·0	28·0	28·0	28·0	28·4	28·4	28·5	28·5	28·5	25·0
21	30·1	26·1	24·0	24·0	32·0	29·0	31·2	29·1	32·2	31·6	31·3	29·1	31·7	29·9	30·7	27·7	31·8	30·1	29·0	27·0	30·6	27·5	33·0	30·5	34·2	24·0
22	31·0	25·0	31·4	24·1	32·0	24·3	31·9	26·0	32·0	28·0	32·8	23·9	31·6	23·0	29·8	21·9	30·8	22·9	31·7	25·0	33·2	26·0	31·4	24·1	33·2	24·1
23	25·3	25·4	26·0	26·0	26·1	26·1	26·1	26·1	26·6	26·6	26·6	26·6	26·9	26·9	26·9	26·9	27·0	27·0	27·0	27·0	27·0	27·0	26·9	26·9	27·0	25·0
24	24·2	24·2	23·8	23·9	23·8	23·8	23·9	23·9	24·1	24·1	24·1	24·1	25·0	24·9	24·2	24·3	25·7	25·7	26·8	26·8	27·7	27·7	27·8	27·8	27·8	23·8
25	25·0	25·0	24·2	24·2	22·3	22·3	22·3	22·3	22·7	22·7	22·1	22·1	21·0	21·0	20·4	20·4	20·0	20·0	20·5	19·2	20·7	19·1	19·3	19·5	27·0	19·3
26	27·3	27·3	28·6	28·6	29·8	29·8	29·9	29·9	30·7	30·7	30·6	30·7	30·9	30·9	31·0	31·0	31·2	31·2	31·7	31·7	32·0	32·0	32·0	32·0	32·5	27·2
27	26·1	26·1	25·5	25·5	24·1	24·1	23·2	23·2	22·2	22·2	21·2	21·2	21·4	21·4	21·9	21·9	21·5	21·5	22·1	22·1	22·9	22·9	23·1	23·1	26·1	21·2
28	22·3	22·3	22·1	22·1	21·7	21·8	21·9	21·9	21·8	21·8	21·0	21·0	20·5	20·5	21·0	21·0	21·0	21·0	21·1	21·1	21·6	21·6	21·9	21·9	33·3	20·5
29	29·3	29·2	28·1	28·1	25·8	25·8	27·1	27·1	25·0	25·0	25·0	25·0	24·0	24·0	24·0	24·0	23·2	23·2	23·1	23·1	22·7	22·7	23·0	23·0	29·3	21·0
30	22·0	22·0	22·0	22·0	21·9	21·9	22·2	22·2	22·8	22·8	22·8	22·8	23·0	23·0	23·3	23·3	23·0	23·0	24·0	24·0	24·5	24·5	23·8	23·8	25·2	21·9
31	23·1	23·1	23·0	23·0	22·3	22·3	22·0	22·0	20·5	20·5	20·5	20·5	21·0	21·0	21·8	21·8	22·2	22·1	23·1	23·0	23·9	23·9	24·5	24·5	24·9	20·5
MEAN.	26·4	25·9	26·3	25·8	26·4	25·8	26·5	26·1	26·6	26·3	26·4	25·9	26·3	25·8	26·2	25·7	26·2	25·7	26·2	25·7	26·4	25·9	26·3	25·9	29·5	23·3

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	32·5	32·5	33·0	33·0	33·0	33·0	33·2	33·2	33·1	33·1	33·4	33·4	31·9	31·9	30·4	30·4	30·3	30·3	29·8	29·8	29·0	29·0	28·2	28·2	31·1	31·0
2	27·2	27·2	26·8	26·8	26·7	26·7	26·9	26·9	27·1	27·1	27·1	27·1	27·1	27·1	28·0	28·0	28·4	28·4	28·9	28·9	29·0	29·0	28·2	28·2	26·6	26·6
3	33·0	33·0	33·2	33·2	33·9	33·9	33·9	33·9	32·2	32·2	32·0	32·0	30·9	30·9	30·8	30·8	30·0	30·0	30·1	30·1	30·1	30·1	30·0	30·0	32·0	32·0
4	31·1	31·1	31·4	31·4	30·7	30·6	30·9	30·9	31·3	31·3	31·7	31·7	31·1	31·1	31·6	31·6	31·2	31·2	32·1	32·1	32·2	32·2	32·6	32·6	30·8	30·8
5	30·7	30·7	30·9	30·9	29·8	29·8	29·1	29·1	29·9	29·9	29·8	29·8	29·0	29·0	28·9	28·9	27·9	27·9	27·9	27·9	27·8	27·8	27·3	27·3	30·8	30·8
6	24·7	24·7	24·9	24·9	25·2	25·2	25·4	25·4	25·2	25·2	25·0	25·0	25·0	25·0	24·9	24·9	25·0	25·0	25·1	25·0	23·9	23·9	24·8	24·8	25·3	25·3
7	24·1	23·0	23·1	22·5	22·4	21·1	22·4	20·5	21·2	20·3	20·4	20·5	20·4	19·3	21·9	17·3	25·1	22·5	24·9	23·4	24·1	22·9	20·7	20·1	23·2	22·3
8	23·3	21·8	22·3	22·3	25·0	25·0	27·0	27·0	28·2	28·2	29·3	29·3	29·4	29·4	29·9	29·9	29·4	29·4	28·1	28·1	29·5	29·5	30·1	30·1	26·8	26·7
8	27·9	27·9	28·1	28·1	28·6	28·6	28·2	28·2	28·0	28·0	26·7	26·7	28·2	28·2	31·5	31·5	32·0	32·0	29·0	29·0	27·2	27·2	27·2	27·2	28·5	28·5
10	20·2	20·4	21·8	21·9	23·0	22·1	23·7	23·7	23·5	23·4	22·3	22·3	20·1	20·1	19·0	19·0	18·9	18·9	17·9	18·0	17·0	17·0	17·7	17·7	22·6	22·6
11	18·4	18·4	18·9	18·9	18·4	18·4	18·1	18·1	17·8	17·8	18·0	18·0	18·0	18·0	17·3	17·3	17·9	17·9	19·8	19·8	18·9	18·9	19·7	19·7	18·1	18·1
12	21·3	21·3	21·0	21·0	19·8	19·8	19·3	19·3	19·3	19·3	18·4	18·4	19·1	19·1	19·1	19·1	19·3	19·3	19·8	19·8	20·2	20·2	21·1	21·1	20·2	20·3
13	29·5	29·5	29·3	29·2	29·0	29·0	28·4	28·4	28·8	28·8	28·8	28·8	28·2	28·2	25·7	25·7	25·0	25·0	24·9	24·9	24·3	24·3	24·2	24·2	27·3	27·3
14	22·7	22·7	23·2	23·2	22·0	22·0	21·2	21·2	21·0	21·0	21·2	21·1	21·2	21·1	21·1	21·1	21·2	21·1	21·9	21·9	22·0	22·0	20·4	20·4	22·4	22·4
15	21·3	21·3	21·7	21·7	21·8	21·9	21·6	21·6	23·1	23·1	31·0	31·0	31·8	31·8	32·0	32·0	31·4	31·4	31·2	31·2	31·0	31·0	30·6	30·6	24·1	24·1
16	25·0	25·0	30·1	23·2	32·1	26·0	32·9	26·0	33·8	26·2	30·5	23·0	25·1	24·1	26·2	24·3	25·3	24·6	27·0	24·1	28·2	24·1	32·2	23·1	28·6	26·2
17	25·5	24·0	27·4	24·4	25·6	25·6	27·1	27·1	27·0	27·0	27·6	27·2	28·0	28·0	29·0	28·9	29·4	29·2	30·3	30·3	30·7	30·7	30·9	30·9	28·2	25·9
18	30·8	30·8	31·1	31·1	31·5	31·5	31·9	31·9	32·1	32·1	32·1	32·1	32·2	32·2	32·0	32·0	32·0	32·0	32·2	32·2	32·3	32·2	32·3	32·3	31·4	31·4
19	28·3	28·3	28·3	28·3	28·1	28·1	27·0	27·0	27·0	27·0	26·6	26·6	26·0	26·0	26·1	26·1	27·7	27·7	28·2	28·2	27·8	27·8	27·8	27·8	29·5	29·5
20	28·3	28·3	28·0	28·0	28·0	28·0	28·0	28·0	27·8	27·8	27·2	27·2	26·9	26·9	26·2	26·2	26·0	26·0	26·3	26·3	25·0	25·1	25·1	25·1	27·3	27·3
21	34·2	31·8	33·0	31·2	33·6	32·8	32·9	[30·0]	32·0	28·2	33·0	27·0	22·2	25·3	32·0	24·3	32·0	25·9	33·1	24·5	31·9	24·1	32·0	26·0	31·6	28·0
22	31·6	24·1	31·3	24·9	30·1	23·1	29·0	22·9	27·1	21·9	27·8	22·6	29·0	23·1	25·1	23·1	24·3	23·1	29·3	23·1	25·5	23·4	24·1	24·1	29·7	23·9
23	26·7	26·7	26·1	26·1	26·0	26·0	25·4	25·4	25·8	25·7	25·6	25·6	25·7	25·7	26·1	26·1	26·0	26·0	26·1	26·1	25·7	25·8	25·0	25·0	26·2	26·2
24	27·5	27·5	27·1	27·1	27·0	27·0	27·0	27·0	27·0	27·0	27·0	27·0	26·9	26·9	26·2	26·2	26·1	26·1	25·9	25·9	25·9	25·9	25·1	25·1	25·8	25·8
25	20·3	20·4	20·1	20·1	20·6	20·6	21·2	21·2	22·0	22·0	22·2	22·2	22·6	22·6	24·1	24·1	24·3	24·3	25·0	25·0	26·1	26·1	27·0	27·0	22·3	22·2
26	32·1	32·1	32·3	32·0	32·3	32·2	32·1	32·1	32·5	32·5	30·7	31·5	30·5	30·5	30·3	30·3	29·0	29·0	28·7	28·7	28·2	28·2	27·2	27·2	30·5	30·5
27	23·2	23·2	23·9	23·9	24·1	24·1	24·4	24·4	23·9	[23·9]	25·1	25·1	24·2	24·2	24·3	24·3	24·1	24·1	23·2	23·2	22·2	22·2	22·2	22·2	23·3	23·3
28	22·0	22·0	21·3	21·3	22·8	22·8	23·1	23·1	23·5	23·5	24·8	24·8	26·0	26·0	27·0	27·0	28·7	28·7	31·5	31·5	32·2	32·2	33·3	33·1	23·9	23·9
29	22·8	22·8	21·4	21·5	21·8	21·8	22·0	22·0	21·5	21·5	21·2	21·2	21·5	21·5	21·0	21·0	21·1	21·1	21·2	21·2	21·8	21·8	21·5	21·5	23·3	23·3
30	24·0	24·0	24·3	24·3	24·8	24·8	25·2	25·2	25·1	25·1	25·0	25·0	24·5	24·5	24·7	24·7	23·5	23·5	23·2	23·2	23·3	23·3	23·9	23·9	23·6	23·6
31	24·7	24·6	24·9	24·9	24·9	24·9	24·2	24·2	24·0	24·0	24·5	24·5	23·7	23·7	24·0	24·0	23·9	23·9	23·8	23·8	23·2	23·2	23·0	23·0	23·2	23·2
MEAN.	26·3	25·8	26·5	25·8	26·5	26·0	26·5	26·0	26·5	25·9	26·6	26·1	26·3	25·9	26·3	25·8	26·3	26·0	26·7	26·0	26·3	25·8	26·3	25·8	26·4	25·9

TEMPERATURE. DRY AND WET BULBS. DECEMBER 1891.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	41·4	38·8	42·8	39·1	44·8	40·7	46·7	42·8	49·1	44·9	49·1	45·9	50·2	46·8	51·0	47·2	51·1	47·1	51·2	46·8	50·9	47·0	51·2	46·6	52·3	41·0
2	44·6	43·4	43·3	42·0	42·9	40·9	42·9	40·7	42·0	40·0	39·8	37·9	40·0	37·4	38·9	36·3	37·9	36·3	39·0	37·1	39·3	37·6	40·3	38·1	47·2	37·7
3	48·2	42·9	46·9	42·9	46·0	43·0	46·4	43·3	48·3	44·3	50·1	46·3	52·2	49·1	55·0	50·2	53·6	49·9	53·1	49·8	52·9	48·6	50·0	48·6	**55·1**	45·8
4	47·3	43·9	47·0	44·2	47·3	44·2	46·9	44·2	46·4	44·3	47·1	43·9	47·0	43·9	47·2	45·1	47·5	44·8	45·3	42·9	44·3	43·0	44·8	43·5	51·1	44·0
5	48·9	47·8	48·1	47·3	48·7	48·1	49·0	48·1	48·8	46·0	47·1	45·6	47·3	45·7	46·8	45·8	46·5	45·9	47·4	46·0	47·5	46·2	46·3	45·6	49·9	42·4
6	43·8	41·5	44·0	41·2	43·1	40·2	42·9	41·0	43·4	41·0	43·7	40·7	43·6	40·0	43·3	40·0	43·0	38·9	43·3	38·4	42·2	38·7	42·9	39·3	44·9	38·0
7	40·1	39·2	39·9	38·3	38·2	37·2	36·1	35·3	36·6	35·2	36·5	35·3	35·4	34·7	35·7	34·5	36·1	34·7	36·1	34·8	37·2	35·6	38·2	35·9	40·1	29·6
8	30·1	29·4	31·0	30·2	32·5	31·7	34·8	32·6	38·0	37·2	40·2	39·1	42·6	40·7	43·0	40·9	43·7	41·1	41·8	39·3	41·4	38·5	42·2	38·9	43·9	29·1
9	44·9	44·0	46·4	43·8	45·7	43·9	44·2	43·2	45·1	43·9	44·8	43·7	43·6	41·9	44·5	42·0	44·8	42·0	44·7	42·2	43·4	41·7	43·6	41·9	48·6	42·0
10	45·0	41·7	45·2	40·7	44·5	41·3	44·8	41·7	44·7	41·1	42·9	40·2	42·2	39·1	42·0	38·2	41·1	37·8	39·2	36·9	40·3	37·5	39·5	37·3	45·8	33·8
11	34·9	33·0	37·2	33·1	36·9	33·2	37·2	33·1	37·5	33·9	37·3	34·2	36·2	33·2	36·6	33·4	37·9	34·6	37·4	34·1	37·9	35·0	37·7	34·0	39·1	34·7
12	38·1	35·3	38·7	35·3	39·1	35·2	39·2	34·3	39·0	35·6	37·3	34·6	36·2	34·0	35·8	33·8	35·1	32·9	34·8	32·8	34·0	32·5	34·2	32·7	40·2	34·0
13	35·0	34·2	34·4	33·9	33·9	33·2	33·5	33·0	33·3	32·9	33·7	33·2	33·9	33·4	34·0	33·7	34·3	33·9	34·8	34·2	35·7	35·1	36·0	35·3	38·1	33·3
14	34·7	33·9	33·8	33·2	35·0	34·6	36·0	35·1	36·7	35·4	39·9	37·8	39·8	36·9	39·0	37·2	40·7	37·3	40·3	37·2	37·2	35·3	40·5	37·4	41·0	31·9
15	31·1	29·9	30·0	28·9	30·2	29·0	29·9	28·4	29·6	28·1	29·8	[29·1]	29·7	28·3	30·6	29·2	31·4	29·8	32·1	30·7	33·7	[32·5]	35·6	33·0	46·3	29·2
16	46·0	43·7	44·6	43·1	44·5	42·7	43·2	42·0	44·5	43·7	43·1	41·1	41·8	40·2	42·2	40·7	42·1	40·0	41·9	39·7	41·2	39·4	41·9	40·2	46·9	31·8
17	31·9	30·7	30·8	29·8	30·9	30·2	30·2	29·2	30·0	29·1	29·9	29·5	30·1	29·4	30·1	29·3	30·2	29·3	30·0	28·9	32·3	30·6	31·9	30·4	42·1	29·4
18	43·9	41·9	44·5	42·0	44·4	42·6	44·3	42·7	44·4	42·9	44·1	42·9	44·9	43·0	45·3	43·1	45·2	43·2	45·7	43·2	46·1	43·2	46·1	43·2	47·4	43·2
19	46·9	45·7	46·0	45·2	46·0	45·0	46·2	45·0	45·3	44·6	45·3	44·3	45·3	44·2	45·1	43·9	44·8	43·2	44·3	42·7	44·5	42·3	44·0	41·7	47·3	43·4
20	45·1	41·8	45·0	41·7	44·9	41·2	44·8	40·9	44·6	40·9	44·8	40·9	44·2	40·9	43·9	41·3	43·6	41·1	43·7	41·1	43·9	41·9	44·3	42·1	45·2	40·6
21	41·5	39·6	41·6	39·7	41·6	39·7	42·1	40·0	42·2	39·3	42·1	39·0	42·1	38·8	41·9	38·7	41·3	38·8	41·8	38·7	40·3	38·1	41·0	38·8	42·4	30·1
22	30·3	[28·0]	29·6	28·1	30·8	29·0	30·0	28·6	29·1	27·9	29·7	28·1	29·4	27·9	29·7	28·1	30·2	28·9	29·8	28·2	31·9	30·1	35·2	[31·9]	42·0	**28·8**
23	40·6	38·4	40·2	38·2	40·3	38·4	40·0	38·2	40·8	38·8	41·2	39·0	41·9	39·7	41·3	39·4	42·1	40·0	42·3	40·4	43·1	41·3	43·6	41·7	44·3	39·9
24	39·8	37·8	38·8	36·9	36·9	35·0	36·3	34·8	35·7	34·2	33·5	32·3	33·4	32·3	32·6	31·6	32·9	31·9	34·1	33·0	36·2	34·8	39·8	38·1	41·7	32·5
25	40·9	39·3	40·7	39·2	40·1	38·3	39·3	37·7	39·2	37·7	38·0	36·3	38·6	36·6	38·2	35·2	37·8	33·9	37·5	33·4	38·2	34·3	38·2	34·8	43·2	37·3
26	42·9	40·6	42·9	41·1	44·8	41·9	44·9	42·2	46·2	43·3	45·8	43·8	46·9	44·0	47·0	44·1	47·4	44·9	48·2	45·3	48·5	46·1	49·2	46·5	50·3	42·2
27	42·3	40·7	41·9	40·4	40·8	39·1	41·3	39·0	39·3	37·0	40·0	36·6	40·6	36·8	41·3	37·4	41·2	36·8	42·0	37·3	42·6	37·9	42·7	38·4	45·8	38·9
28	41·0	37·8	38·9	37·2	39·3	37·7	39·5	37·1	38·0	36·4	38·0	36·0	38·2	35·9	37·1	35·3	36·7	35·3	36·9	35·2	38·3	36·8	37·8	36·3	48·1	35·2
29	44·9	42·0	43·2	41·0	42·0	39·7	44·4	41·2	43·2	39·3	42·0	38·9	41·8	38·1	40·2	38·0	40·6	38·0	40·3	37·6	40·1	37·3	37·6	36·3	47·0	37·2
30	40·2	36·7	37·8	35·9	38·8	36·2	39·0	36·9	39·4	37·0	38·9	37·0	40·4	37·7	39·8	37·4	40·3	37·7	39·3	38·0	40·1	38·7	40·5	38·0	40·8	37·1
31	39·3	37·6	38·2	36·9	38·0	36·3	38·9	36·0	36·3	34·5	35·1	34·0	36·2	34·8	36·7	35·3	37·0	35·9	38·5	36·9	39·9	38·0	39·7	38·1	42·1	35·0
MEAN.	40·8	38·7	40·4	38·4	40·4	38·4	40·5	38·3	40·5	38·4	40·3	38·3	40·5	38·2	40·5	38·3	40·6	38·3	40·5	38·2	40·8	38·6	41·2	38·9	45·2	36·4

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	52·0	47·2	51·4	46·9	50·5	47·3	50·6	47·4	50·0	47·6	47·4	46·5	46·9	45·1	47·2	44·8	46·8	44·8	46·1	44·9	45·0	43·1	44·8	43·3	48·3	45·1
2	43·8	40·9	44·1	41·7	44·0	41·3	42·7	41·7	44·2	41·2	44·7	41·5	45·0	41·3	46·2	42·2	46·9	42·7	46·3	42·7	47·1	42·9	47·2	42·7	43·1	40·4
3	50·0	47·5	49·9	47·6	50·1	48·0	50·2	47·7	49·2	46·1	49·1	45·7	49·2	44·7	48·9	44·8	47·4	44·7	47·3	44·5	48·1	44·1	47·9	44·0	49·6	46·2
4	46·1	45·3	47·0	45·4	47·7	44·9	49·6	44·8	47·0	45·9	47·1	45·7	47·3	46·0	49·2	45·7	49·8	45·6	49·8	46·2	50·9	47·3	48·5	47·3	47·3	44·9
5	46·8	45·3	46·3	45·0	45·7	44·8	45·2	44·0	45·2	43·3	45·0	44·2	44·9	43·9	44·3	43·0	43·3	41·5	43·1	41·5	43·1	41·8	43·3	41·0	46·2	44·9
6	43·0	39·9	43·8	39·8	42·0	40·1	41·0	39·7	40·8	39·3	40·0	38·8	40·0	38·8	40·2	39·1	40·9	39·0	39·6	38·4	38·2	36·9	39·2	37·7	42·0	39·5
7	38·7	36·3	38·0	35·8	37·8	35·5	36·3	34·9	35·7	33·9	34·3	33·0	34·1	32·9	33·8	31·7	32·0	30·9	31·2	30·0	30·2	29·3	29·6	[28·7]	35·7	34·2
8	42·1	39·2	41·1	38·8	40·8	38·4	39·5	38·2	38·0	37·1	37·4	36·8	37·7	37·0	37·8	37·0	38·1	37·7	38·4	38·0	38·8	38·2	42·6	41·8	38·9	37·4
9	44·8	42·4	45·0	43·0	45·2	43·1	44·5	43·3	45·0	42·2	42·7	40·7	42·2	40·0	45·9	45·1	48·6	45·1	45·2	42·4	45·6	42·2	42·2	41·1	44·7	42·7
10	39·8	37·3	39·7	37·3	39·1	37·1	38·1	36·3	38·0	36·6	35·7	34·9	35·0	34·1	34·8	33·9	33·9	33·1	34·6	33·2	35·7	33·2	35·0	33·3	39·6	37·2
11	38·3	34·6	35·3	34·1	36·9	34·0	36·0	34·1	37·3	34·1	35·2	33·8	37·0	34·1	35·0	33·5	37·7	33·8	38·9	34·9	38·3	34·3	38·0	34·9	37·0	34·0
12	34·7	33·0	34·8	33·2	38·8	34·9	37·7	34·7	37·7	34·4	38·0	34·6	37·4	34·2	37·9	34·2	38·7	35·2	37·6	35·4	37·7	35·9	36·6	35·3	37·0	34·3
13	36·0	35·4	36·7	35·9	36·9	36·0	36·8	36·0	36·5	35·7	37·0	36·0	38·1	36·6	37·7	36·5	37·4	36·2	37·7	36·8	37·1	36·0	37·1	36·0	35·7	35·0
14	39·0	37·0	39·8	37·9	40·2	36·9	40·2	36·9	37·9	35·0	38·2	35·0	37·4	34·9	35·8	33·6	35·0	32·8	34·1	32·1	33·8	32·1	31·9	30·6	37·4	35·3
15	39·9	36·8	40·3	37·3	40·5	37·7	41·0	38·2	42·3	39·5	42·0	39·7	39·9	39·1	41·2	40·6	42·7	42·1	44·5	43·9	45·3	44·0	46·0	43·8	36·6	35·0
16	42·3	40·6	41·7	40·0	39·9	38·6	37·7	36·7	36·9	35·5	35·9	35·0	34·3	33·4	32·4	31·4	32·3	31·3	32·6	31·2	32·9	31·4	31·8	30·3	39·5	38·0
17	38·0	35·7	40·2	37·2	41·0	37·9	41·5	38·5	38·2	35·9	38·1	36·0	38·7	36·8	38·7	36·8	38·8	37·2	42·1	40·1	43·7	41·2	43·6	41·3	35·5	33·8
18	46·7	43·3	46·2	43·3	44·9	43·8	44·9	44·0	46·6	44·7	46·1	45·0	46·9	45·3	45·9	45·0	45·8	45·0	46·8	45·3	46·8	45·6	47·1	45·8	45·6	43·8
19	43·8	40·9	43·9	41·0	44·0	40·9	43·4	40·3	43·4	40·7	43·7	40·6	43·9	39·4	44·2	39·9	44·9	41·1	44·3	42·0	44·9	42·0	44·8	42·0	44·7	42·4
20	44·2	42·1	44·4	41·7	44·3	41·9	44·5	41·8	44·3	41·4	43·5	40·9	43·0	40·5	41·9	39·5	41·3	38·8	41·2	38·7	41·2	38·5	41·6	39·2	43·7	40·9
21	40·8	38·7	40·8	38·1	40·3	37·2	40·4	37·5	39·3	36·9	37·8	35·3	34·1	32·2	33·8	32·2	31·7	30·3	30·7	29·7	30·3	29·3	30·1	28·9	38·7	36·5
22	38·5	35·7	38·8	35·6	39·0	35·8	39·2	36·0	37·1	35·0	39·2	36·8	40·3	37·7	40·8	38·0	41·8	37·8	40·1	37·2	40·3	37·3	40·7	37·9	35·1	32·7
23	44·1	42·2	44·1	41·8	43·9	41·7	43·7	40·2	42·8	40·2	42·2	40·0	42·6	40·0	42·4	39·9	42·3	39·9	42·1	39·6	41·2	38·9	40·4	38·1	42·1	39·8
24	40·6	39·1	41·0	39·5	41·2	39·8	41·1	39·8	41·0	39·9	41·4	40·1	41·3	40·1	41·3	40·0	41·2	39·9	41·2	39·9	41·0	39·9	40·8	39·7	38·5	37·1
25	39·4	35·9	39·8	35·6	39·8	35·9	41·0	36·3	41·9	36·9	42·2	37·3	42·6	37·6	42·7	38·4	42·5	38·8	41·7	39·0	41·4	39·9	41·9	40·2	40·2	37·0
26	50·0	47·0	49·9	46·9	49·9	46·9	49·2	46·8	49·9	47·1	47·3	44·5	46·0	44·4	47·3	45·0	45·0	43·6	46·4	44·0	46·0	43·1	45·8	43·1	47·0	44·5
27	43·0	38·3	42·6	38·7	41·4	38·7	40·8	38·5	40·5	38·3	40·3	38·2	40·9	38·6	41·9	39·0	41·9	39·2	41·0	38·3	40·0	36·9	40·9	37·0	41·3	38·2
28	36·3	35·0	35·7	34·8	38·8	36·9	40·1	37·3	40·8	37·9	41·0	38·3	41·5	39·0	40·7	38·9	43·1	40·5	46·0	43·7	45·0	44·4	46·4	46·1	39·8	37·9
29	40·2	37·2	38·8	36·2	39·7	36·8	39·9	36·8	39·6	36·6	37·2	35·3	38·8	36·3	38·7	36·1	38·0	35·9	39·2	36·0	40·1	36·9	40·2	36·2	40·4	37·7
30	40·5	38·4	40·0	38·5	39·9	38·8	40·1	38·7	39·8	38·2	39·0	37·9	39·0	38·1	38·9	37·9	38·8	37·9	39·3	37·6	38·6	37·1	39·0	38·1	39·5	37·7
31	39·1	38·0	39·9	38·3	39·7	38·4	39·0	38·0	39·9	38·1	41·2	38·9	41·3	38·7	41·0	38·9	39·0	37·8	39·7	38·0	38·9	37·6	39·9	37·7	38·9	37·2
MEAN.	42·0	39·6	42·0	39·6	42·1	39·7	41·8	39·5	41·5	39·2	41·0	38·0	40·9	38·7	40·9	38·8	40·9	38·7	41·0	38·9	40·9	38·7	40·8	38·8	41·0	38·8

RAINFALL. INCHES FOR HOUR ENDING— JANUARY 1891.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2	–	–	–	–	·016	·032	·084	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·132
3	–	–	–	–	–	–	–	–	–	·011	·003	·008	·003	–	·027	·089	·050	·035	·020	·002	·002	·001	·004	·009	0·264
4	·004	·018	–	–	–	–	–	–	–	·035	–	·028	·015	·010	·010	·008	·010	·009	·011	·022	·010	·009	·008	·006	0·213
5	–	–	–	–	–	–	–	–	·012	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·012
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·007	·008	·004	–	–	–	–	0·019
7	–	–	–	–	–	·008	·015	·002	·008	·003	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·036
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·008	0·008
11	·002	·028	·044	·051	·058	·022	·020	·018	·020	·025	·018	·027	·052	·030	·105	·028	·036	·018	·142	·067	·110	·047	·037	·013	1·038
12	·042	·033	·029	·009	·014	·072	·075	·037	·032	·027	·037	·027	·035	·021	·048	·023	·019	·010	·012	·016	·018	·003	–	–	0·639
13	–	·009	·007	·008	·007	–	·003	–	–	–	–	·023	·058	·082	·068	·021	·010	–	·013	·007	–	–	·018	·002	0·336
14	–	–	–	–	–	·004	–	–	–	·004	–	–	–	–	–	–	–	–	–	–	–	–	–	·002	0·010
15	–	–	–	–	–	–	–	–	–	–	–	–	·023	·025	·027	·013	·013	·010	·003	·008	·005	·009	·017	·011	0·164
16	·009	–	–	–	–	–	·002	–	·001	·007	·012	–	·014	·009	·030	·009	–	–	–	–	–	–	–	–	0·093
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19	–	·017	·012	·028	·014	·015	·001	·012	–	–	·009	·017	·010	·014	·008	·011	·013	·043	·045	·071	·082	·072	·071	·061	0·626
20	·076	·073	·067	·080	·078	·088	·110	·162	·196	·220	·162	·081	·033	·023	·047	·048	·036	·013	·042	·073	·038	·014	·046	·048	1·854
21	·027	·051	·047	·037	·010	·008	·067	·013	–	–	–	–	–	–	–	–	–	[·010]	[·020]	[·020]	[·020]	[·020]	·008	·019	0·377
22	·015	·017	·046	·073	·068	·059	·053	[·020]	[·010]	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·361
23	–	–	–	–	[·020]	[·020]	[·020]	[·030]	[·040]	[·040]	[·020]	[·010]	–	–	[·020]	[·050]	·097	·110	·120	·096	·043	·024	·018	·046	0·824
24	·006	·027	·009	·019	·010	·045	·077	·177	·151	·017	·007	·038	·037	·009	·008	·006	–	·009	·050	·030	·018	·016	·033	·032	0·831
25	·053	·047	·022	·017	[·030]	·028	·043	·015	·009	·010	–	·013	·015	·026	·024	·086	·037	·040	·046	·088	·055	·060	·112	·170	1·046
26	·106	·102	·119	·138	·066	·053	·054	·043	·055	·030	·012	·018	·026	·017	·077	·080	·087	·077	·080	·102	·243	·186	·062	·062	**1·897**
27	·018	·031	·010	·023	·022	·028	[·020]	[·020]	[·040]	[·040]	[·020]	·018	·017	[·020]	[·030]	·029	[·030]	·017	·020	·007	·018	·011	·009	·010	0·508
28	·007	·017	·023	·019	·023	·019	·030	·039	·054	·197	·122	·178	·042	·133	·014	·073	·007	·017	·038	·014	·017	·032	·006	·004	1·125
29	·023	·015	–	–	–	–	–	–	–	–	·046	·018	·034	[·035]	·040	·012	·015	·028	·005	·023	·014	·002	–	–	0·310
30	–	–	–	–	·012	·007	·017	·013	·034	·042	·094	–	–	–	–	–	–	–	–	–	–	–	–	–	0·219
31	–	–	–	–	–	–	–	–	–	–	·020	·019	·047	·157	·159	·048	·117	·115	·148	·098	·127	·068	·066	·023	1·206
SUM	0·388	0·485	0·435	0·302	0·448	0·508	0·691	0·601	0·662	0·708	0·582	0·523	0·481	0·605	0·742	0·634	0·577	0·568	0·823	0·748	0·820	0·574	0·565	0·526	14·198

RAINFALL. FEBRUARY 1891.

1	·030	·018	·014	·007	–	–	–	–	·022	·008	·027	·013	·049	·020	·022	·009	–	–	·013	·028	·040	·063	·022	·031	0·436
2	·076	·050	·153	·058	·107	·087	·113	·110	·113	·038	·162	·025	·107	·062	·352	·088	·293	·112	·312	·253	·389	·166	·260	·158	3·644
3	·184	·065	·182	·120	·212	·113	·079	·123	·103	·118	·107	·133	·115	·064	·095	·043	·009	·004	·002	–	–	–	–	–	1·871
4	–	–	–	–	–	·007	–	·010	·006	·004	·009	–	–	–	–	–	–	–	–	–	–	–	–	–	0·036
5	–	–	–	–	–	·002	·012	·023	·019	·082	·062	·032	·040	·023	·020	·022	·045	·037	·036	·040	·043	·027	·046	·034	0·645
6	·050	·078	·031	·017	·015	·019	·028	·012	·010	–	–	–	–	–	–	–	–	–	–	–	·005	·006	·009	·027	0·307
7	·033	·067	·017	·006	–	–	·019	·013	·012	·018	·017	·020	·019	·003	·010	·017	·039	·033	·020	·013	·016	·039	·049	·072	0·552
8	·018	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·036	·009	–	–	–	–	·006	·007	0·076
9	–	–	·003	·008	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·004	·003	0·018
10	·005	·005	·004	·009	·009	·019	·011	·015	·010	·013	·018	·010	·013	·006	·002	·009	·037	·034	·033	·049	·048	[·200]	[·200]	·227	0·986
11	·255	·222	·200	·217	·185	·212	·193	·287	·203	·157	·197	·117	·092	·362	·283	·259	·105	·037	·064	·016	·029	·009	·008	–	**3·709**
12	–	–	–	–	–	–	–	·012	·023	·019	·009	–	–	–	–	–	·027	·009	–	–	–	–	–	–	0·099
13	–	–	–	–	–	–	–	–	–	–	–	·006	·001	–	–	·025	·045	·028	·016	·013	·016	·012	·010	·023	0·195
14	·034	·041	·025	·092	·022	·008	·020	·011	·012	–	–	–	·022	·014	·038	·030	·011	·008	·008	–	–	–	–	–	0·296
15	·018	·007	·006	·005	·004	·010	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·050
16	–	–	–	–	–	·052	·028	·016	·004	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·101
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22	–	–	–	–	–	–	·020	·029	·027	·075	·051	·024	·025	·100	·100	·026	·013	–	–	–	–	–	·015	–	0·505
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
28	–	–	–	–	–	–	–	–	–	–	·006	[·020]	·073	·110	·110	·490	·342	·270	·029	·010	–	–	–	–	1·460
SUM	0·703	0·553	0·635	0·539	0·554	0·529	0·523	0·661	0·564	0·533	0·665	0·400	0·556	0·764	1·032	1·018	1·002	0·581	0·533	0·422	0·586	0·522	0·629	0·582	15·086

RAINFALL. INCHES FOR HOUR ENDING— JANUARY 1891.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2	–	–	·001	·001	·007	·028	·002	·002	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·041
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·039	·031	·019	·008	–	–	–	–	–	·001	0·098
4	·001	·001	·001	·002	·003	·001	–	–	–	·007	–	–	–	–	–	–	–	–	–	–	–	–	·001	·001	0·018
5	·001	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·002
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8	–	–	–	–	–	–	–	–	·001	·003	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·004
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11	·003	·019	·008	·016	·025	·013	·013	·023	·012	·004	–	–	·019	·016	·024	·034	·016	·018	·024	·044	·068	·029	·018	·002	0·448
12	·002	·001	–	–	–	·026	·048	·005	·005	·005	·005	–	–	·006	·030	·003	·003	–	–	–	–	–	–	–	0·139
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
14	·001	·001	·001	·001	·001	·001	·001	·001	·001	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·010
15	·001	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·002
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19	–	·028	·011	·030	·017	·014	–	–	–	–	–	–	–	–	–	–	–	·058	·029	·108	·060	·081	·102	·117	0·655
20	·125	·088	·117	·097	·187	·178	·092	·047	·073	·071	·071	·014	·006	–	[·013]	[·016]	[·010]	[·010]	[·010]	[·010]	[·010]	[·010]	[·010]	[·010]	**1·275**
21	[·010]	[·010]	[·010]	[·010]	–	–	–	–	–	–	–	–	–	–	[·010]	[·010]	[·010]	[·025]	[·025]	[·030]	[·030]	[·020]	[·020]	[·020]	0·240
22	[·010]	[·010]	–	–	–	–	[·010]	[·014]	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·044
23	–	–	–	–	·044	·070	·081	·058	·008	·051	·012	·060	·022	–	·009	·004	·012	–	·019	·010	·001	–	–	·058	0·519
24	–	–	–	–	–	–	·090	·086	[·090]	[·080]	–	–	–	–	–	–	–	–	·037	·012	–	·001	·009	·028	0·433
25	·010	·010	–	–	·002	·001	·001	·004	·001	·001	–	–	–	·010	·031	·056	·097	·039	·043	·121	·068	·051	·098	·088	0·732
26	·078	·059	·059	·029	·049	–	·017	·023	·038	·009	–	–	–	–	·018	·177	·059	·068	·068	·195	·059	·066	·059	·070	1·200
27	–	–	–	·059	·078	·062	·133	·019	·019	·022	–	–	–	–	·022	·005	·042	–	–	–	–	–	–	–	0·461
28	–	–	–	·005	·014	·021	·032	·014	·041	·058	–	·008	·088	·031	·013	·016	–	·009	–	–	·002	·028	–	–	0·380
29	–	–	–	–	–	–	–	–	–	–	–	–	·029	·117	·049	–	–	·049	·028	·020	–	–	–	–	0·292
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·003	·002	·002	·002	·001	–	–	0·010
31	–	–	–	–	–	–	·049	–	–	–	–	·060	·037	·098	–	–	·020	·019	·049	·021	·013	·015	–	·010	0·391
SUM	0·242	0·229	0·208	0·250	0·427	0·415	0·569	0·296	0·289	0·312	0·088	0·142	0·201	0·278	0·258	0·352	0·288	0·306	0·334	0·573	0·313	0·302	0·317	0·405	7·394

RAINFALL. FEBRUARY 1891.

1	–	–	·001	·001	·001	·001	·001	–	–	–	–	–	·014	·002	·001	·001	·001	–	–	–	·012	·019	·027	·029	0·111
2	·036	·054	·019	·047	·056	·073	·039	·050	·057	·049	–	–	·019	·049	·054	·073	·080	·058	·106	·075	·108	·051	·037	·070	1·260
3	·010	·099	·086	·123	·093	·084	·111	·230	·267	·200	·081	·068	·059	–	–	·002	·004	·004	–	–	–	–	–	–	1·521
4	–	–	–	–	–	–	–	–	·003	·005	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·008
5	–	–	–	–	–	–	–	–	–	·024	–	·002	·007	·003	·008	·001	·011	·010	·004	·005	·009	·010	·017	·002	0·113
6	·009	·044	·024	–	·029	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·106
7	–	–	–	–	–	·001	·001	·001	·001	–	–	–	–	–	–	–	·019	·019	·010	·010	·019	·059	·059	·012	0·211
8	–	·001	–	·002	·002	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·002	·001	0·009
9	·002	·002	·001	·001	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·007
10	–	–	–	–	·002	·002	–	–	–	–	–	–	–	–	–	–	–	–	·010	·029	·156	·195	·084	·116	0·594
11	·075	·115	·112	·135	·151	·100	·116	·179	·110	·080	·016	·038	·052	·201	·292	·100	·002	–	·007	·002	·008	–	–	–	**1·891**
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·018	–	–	–	–	–	–	–	0·018
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·009	·002	·001	·006	·008	·004	·002	·008	0·040
14	·008	·002	·007	·021	·008	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·046
15	·006	·002	·001	·003	–	–	–	·002	·004	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·018
16	–	–	–	–	–	–	·002	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	0·002
17	·001	·001	–	·002	–	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·005
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·001	–	0·001
19	–	–	–	·002	·001	·002	·001	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·007
20	–		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22	–	–	–	–	–	–	–	–	·002	·034	·054	·027	·030	·108	·038	·020	·004	–	–	–	–	–	–	–	0·317
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
28	–	–	–	–	–	–	–	–	–	–	·043	·060	·109	·109	·191	·191	·094	·094	·010	–	–	–	–	·002	0·903
SUM	0·147	0·320	0·251	0·337	0·344	0·265	0·271	0·463	0·444	0·392	0·194	0·195	0·290	0·472	0·584	0·388	0·242	0·187	0·148	0·127	0·320	0·338	0·229	0·240	7·188

RAINFALL. INCHES FOR HOUR ENDING— MARCH 1891.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.
1	–	·001	·050	·042	·152	·070	·033	·010	·012	·011	·006	·008	·001	·072	·042	·128	·159	·063	·131	·106	·136	·140	·170	·213	1·756
2	·042	·062	·058	·063	·047	·067	·026	·033	·016	·025	·051	·026	·060	·055	·062	–	–	–	–	–	–	·050	·046	·042	0·831
3	·059	·045	·059	·030	·049	·042	·054	–	–	–	–	–	[·010]	[·050]	–	–	–	–	–	–	[·020]	[·020]	·039	·049	0·526
4	·038	·065	·115	·080	·124	·050	·011	·023	·027	·056	·068	·119	·062	·130	·098	·411	·197	·028	·029	·040	·089	·050	·050	·059	2·019
5	·080	·060	·058	·063	·140	·108	·084	·159	·105	·162	·100	·111	·114	·066	·064	·068	·065	·184	·171	·165	·160	·190	·120	·088	**2·685**
6	·064	·070	·065	·089	·077	·040	·124	·115	·087	·053	·027	·014	–	–	·025	·047	·023	·004	–	–	–	·050	·002	·023	0·999
7	·085	·035	·001	·020	–	·003	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·144
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
10	–	–	–	–	–	–	–	–	–	–	–	·002	·003	–	–	–	–	–	–	–	–	–	–	–	0·005
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	[·040]	[·040]	[·040]	[·040]	[·040]	0·200
16	–	[·020]	[·020]	[·020]	[·020]	–	–	–	·002	·016	–	–	–	–	–	–	–	–	–	–	–	–	–	[·020]	0·118
17	[·050]	[·050]	[·050]	[·050]	·007	·009	–	·007	·019	·026	·016	·016	·009	·002	–	–	–	–	–	–	–	–	–	–	0·311
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20	–	–	–	–	–	·021	·021	·035	·063	·026	·032	·026	·023	·010	·011	–	–	–	–	–	–	–	–	–	0·268
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
23	–	–	–	–	·003	·001	·001	·012	·028	·045	·010	·163	·055	·024	·017	·051	·137	·011	·017	·017	·071	·036	·085	·027	0·811
24	·063	·010	·050	·020	·022	·047	·152	·031	·015	·010	·014	·091	·071	·080	·015	·060	·118	·051	·022	·075	·060	·035	·030	·050	1·192
25	·009	·004	·176	·063	·088	·056	·042	·041	·017	·019	·038	·042	·151	·063	·045	·023	·062	·040	·031	·133	·072	·110	·034	·070	1·429
26	·021	·047	·010	·010	·010	·011	·014	·034	·032	·032	·027	·017	·022	·010	·057	·011	·049	·006	·026	·016	–	–	·002	·010	0·474
27	·002	–	·017	·025	·013	·032	·039	·048	·040	·022	·019	·021	·017	·020	·018	·015	·022	·021	·018	·008	–	–	–	–	0·417
28	–	–	–	·011	·014	·005	–	–	–	–	–	–	–	·043	·042	·026	·041	·053	·070	·061	·050	·058	·020	·023	0·517
29	·002	–	–	·003	–	–	–	–	·010	·011	·003	·005	–	–	–	–	–	–	–	–	–	–	·010	–	0·044
30	·021	·002	·002	·002	·002	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·029
31	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
SUM	0·536	0·471	0·731	0·591	0·768	0·562	0·601	0·548	0·473	0·514	0·411	0·661	0·598	0·625	0·496	0·840	0·873	0·461	0·515	0·661	0·698	0·779	0·648	0·714	14·775

RAINFALL. APRIL 1891.

1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	[·010]	–	[·010]	[·010]	[·010]	0·040
2	[·010]	[·010]	[·005]	[·005]	–	[·010]	[·010]	[·010]	[·010]	–	–	–	–	–	–	–	–	–	[·010]	[·005]	[·005]	–	–	[·010]	0·100
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
4	–	[·020]	[·020]	[·010]	[·010]	–	–	[·010]	[·010]	[·010]	[·010]	–	–	[·010]	[·010]	[·010]	[·010]	[·010]	[·010]	[·010]	[·010]	[·010]	[·010]	–	0·200
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11	–	–	–	–	–	–	–		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
15	–	–	–	–	–	–	·054	·003	·005	·036	·080	·010	·011	·010	·005	–	–	·024	·002	–	·040	·024	·010	·015	0·329
16	·010	·034	·108	·190	·090	·071	·162	·010	·020	·057	·012	–	–	–	·034	·034	–	–	–	–	–	–	–	–	**0·832**
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–	–	–	–	–	–	–	–
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·037	–	–	–	–	–	–	–	–	·006	0·043
21	–	·016	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·023	–	–	–	–	–	–	–	0·039
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·005	·002	–	–	–	–	–	–	–	·011	0·018
28	·030	·042	·037	·012	·052	·012	·048	·010	·019	·027	·013	·037	·006	·007	·028	·026	·026	·003	·005	·001	·011	–	–	–	0·452
29	–	–	–	·017	·002	–	–	–	–	–	–	–	–	–	–	·006	–	·006	·007	·010	·037	·037	·009	·017	0·148
30	–	–	·038	·028	·004	·017	·011	·017	·018	·037	·017	–	–	–	–	–	–	–	–	·007	·023	·047	·002	·028	0·294
SUM	0·050	0·122	0·208	0·262	0·158	0·110	0·285	0·060	0·082	0·167	0·132	0·047	0·017	0·027	0·119	0·078	0·059	0·043	0·034	0·043	0·126	0·128	0·041	0·097	2·495

RAINFALL. INCHES FOR 24 HOURS ENDING AT 22h. MARCH 1891.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·314
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·226
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·347
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·668
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	**1·071**
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·456
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·040
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·084
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·006
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·019
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·007
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·216
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·548
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·582
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·103
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·080
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·181
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·002
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·012
31	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
SUM	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4·962

RAINFALL. APRIL 1891.

1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·006
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·133
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·003
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·126
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	**0·191**
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·001
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
26	–		–	–	–	–	–		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·143
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·070
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·128
SUM	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–		–		–	–	–	–	–	0·801

RAINFALL. INCHES FOR HOUR ENDING— MAY 1891.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.
1	·006	·108	·020	·170	·053	·270	·078	·139	·118	·152	·098	·073	·062	·010	·053	·043	·019	·043	·030	·028	·048	·080	·058	·050	1·899
2	·040	·052	·062	·060	·041	·072	·039	·042	·014	·032	·010	·035	·027	·070	–	·008	·025	·028	·013	·026	·022	·009	·009	·009	0·745
3	·002	–	–	–	·009	·010	·011	·024	·010	·007	·002	–	·003	·002	·053	·008	–	·054	·101	·017	·008	·008	·003	–	0·332
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7	–	–	–	·002	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·002	·040	–	·003	·004	·001	0·052
8	·003	·002	–	·001	–	–	–	–	–	–	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	0·007
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
13	–	–	–	·007	–	·011	·017	·017	·018	·026	·119	·136	·101	·038	·020	·005	–	–	–	–	–	–	–	–	0·515
14	–	–	–	·017	·009	·010	·009	·018	·029	·025	·058	·040	·190	·065	·032	·018	·030	–	–	·068	·066	·024	·043	·035	0·786
15	·034	·060	·061	·113	·041	·040	·023	·024	·018	·015	·067	·063	·036	·033	·011	·056	·019	·011	·009	·001	–	–	–	–	0·735
16	–	–	–	–	–	–	–	–	–	·003	·008	·003	–	–	–	–	·001	·001	·002	·003	–	–	–	·030	0·051
17	·020	·011	·008	–	–	–	·002	–	–	–	·002	–	–	–	–	–	–	·021	·032	·036	·047	[·015]	[·015]	–	0·209
18	–	–	–	–	–	–	–	–	–	–	–	–	·006	–	·002	·010	·003	–	–	–	–	·003	–	·005	0·029
19	–	–	–	–	–	·012	·010	·010	·009	–	–	–	–	·001	·011	·002	·048	·016	·001	·009	–	·001	–	–	0·130
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·118	–	·011	·008	–	–	0·137
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·002	–	–	–	·021	·012	–	–	0·035
23	–	–	–	–	–	–	–	–	–	–	–	–	–	·001	–	–	–	–	–	–	–	–	–	–	0·001
24	–	–	–	–	–	–	–	–	–	–	–	–	–	·009	·009	·018	–	–	–	–	–	–	–	–	0·036
25	–	–	–	–	–	–	–	–	–	·002	·001	·022	–	–	–	–	–	–	–	–	–	–	–	–	0·025
26	–	–	–	–	–	–	·001	·002	·003	·001	·001	·004	·001	·002	·032	·025	·010	·021	·088	·087	·028	·019	·016	–	0·341
27	·004	·006	–	·009	·012	·016	·022	·047	·013	·009	·082	·006	·106	·038	·083	·018	·008	·053	·005	·007	·017	·032	·001	–	0·594
28	–	–	–	–	–	·037	·013	–	·010	·058	·013	·002	·009	·010	·007	·003	·003	·002	–	–	–	–	–	–	0·167
29	–	–	–	–	–	–	–	·001	·003	·002	·001	·001	–	·009	–	·001	·012	·011	·067	·011	·010	·006	–	·030	0·165
30	–	·004	–	–	–	–	–	–	–	–	–	–	–	–	·004	·006	–	–	–	–	–	–	–	–	0·014
31	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
SUM	0·109	0·243	0·151	0·379	0·165	0·478	0·225	0·324	0·245	0·332	0·463	0·385	0·541	0·378	0·317	0·221	0·180	0·261	0·468	0·333	0·278	0·220	0·149	0·160	7·005

RAINFALL. JUNE 1891.

1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
13	–	–	–	–	–	–	–	·046	·001	·008	–	·011	·006	·011	·012	·010	·051	·112	·038	·022	·031	·042	·066	·037	0·504
14	·012	·018	·026	·031	·030	·016	·011	·001	–	·014	–	·022	·005	·005	–	·001	–	–	·002	·008	·009	–	·005	·004	0·220
15	·009	·004	·009	·047	·087	·081	·056	·048	·068	·037	·115	·097	·057	·103	·058	·054	·016	·024	·028	·054	·056	·030	·006	·007	1·151
16	·009	–	–	·006	–	–	·005	–	·015	·006	·016	·002	·015	·050	·008	·007	–	·001	–	·004	·018	·031	·055	·033	0·281
17	·054	·046	·045	·053	·011	·012	·020	·021	·021	·028	·038	·050	·022	·067	·043	·053	·027	·030	·056	·083	·105	·074	·063	·071	1·093
18	·030	·044	·050	·036	·033	·051	·044	·108	·030	·018	·049	·078	·130	·063	·100	·040	·088	·021	·032	·031	·019	·018	·014	·011	1·138
19	·012	·011	·009	·010	·001	·001	·002	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·046
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
26	–	–	–	–	–	–	–	–	–	–	–	·041	·321	·266	·124	·080	·107	·038	·011	·009	·008	·008	·008	·004	1·025
27	·003	·021	·062	·047	·020	·016	·008	–	–	–	–	–	–	·009	–	·002	–	–	–	–	–	–	–	–	0·188
28	–	–	–	–	–	–	–	–	–	–	–	·013	·040	·031	·042	·018	·039	–	·002	–	–	–	–	–	0·185
29	–	–	–	–	–	–	–	–	–	–	–	–	·002	·002	·010	·030	·074	·129	·033	·019	·020	·007	·003	–	0·329
30	·004	·047	·082	·080	·008	·011	·014	·033	·042	·007	·038	·047	·056	·061	·262	·140	·149	·086	·012	·092	·033	·011	·007	·030	1·352
SUM	0·133	0·191	0·283	0·310	0·190	0·188	0·160	0·257	0·177	0·118	0·256	0·361	0·654	0·668	0·659	0·435	0·551	0·441	0·214	0·322	0·299	0·221	0·227	0·197	7·512

RAINFALL. INCHES FOR HOUR ENDING— MAY 1891.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.
1	[·030]	[·030]	[·030]	[·030]	[·030]	[·030]	[·030]	[·030]	[·030]	[·030]	[·030]	[·040]	[·050]	·093	·037	·015	·005	·017	·013	·018	·027	·020	·040	·033	**0·738**
2	·082	·090	·098	·097	·022	·003	·012	·011	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·415
3	–	–	–	–	–	·013	·006	·016	·013	·006	–	–	–	–	–	–	–	–	·018	–	·002	–	–	·001	0·075
4	–	·001	·002	–	–	–	–	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·004
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6	–	–	–	–	·001	·001	·001	–	–	–	–	·001	·001	·001	·001	·001	–	–	–	–	–	–	–	–	0·008
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·001	·001	·001	–	0·003
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
13	[·003]	[·003]	[·003]	[·003]	[·003]	[·003]	[·003]	[·003]	[·003]	[·004]	–	·040	·015	–	–	–	–	–	–	–	–	·001	·001	·001	0·089
14	–	–	–	–	–	–	–	–	·002	·005	·012	·002	·128	·022	·020	–	–	–	–	·030	·062	·019	·028	·011	0·341
15	·009	·055	·014	·049	·065	·018	·030	·025	·001	·002	·013	·007	–	·019	·002	–	–	–	–	–	·001	–	–	–	0·310
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·006	·001	–	–	–	0·007
17	–	–	·001	·001	–	–	·001	·001	·001	·001	–	–	–	–	–	–	–	–	·030	·009	·003	·001	–	–	0·049
18	–	–	–	·001	·001	·001	·001	·001	·001	–	–	–	–	–	·002	–	·001	–	–	–	–	–	–	–	0·009
19	–	–	–	–	–	–	–	·003	–	–	–	–	–	–	–	–	–	–	–	·008	·001	–	–	–	0·012
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·002	–	–	0·002
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·001	–	–	0·001
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
26	–	–	–	–	–	–	·018	·014	·005	–	–	–	–	–	–	–	–	–	·010	·005	·015	·010	–	–	0·077
27	–	–	–	–	·010	·010	·020	·023	·015	·007	·002	·001	·001	·005	·023	·060	·003	·014	·019	–	–	·020	–	–	0·233
28	–	–	–	–	–	·003	·020	–	·009	·031	·006	·001	·001	·001	·001	·001	–	–	–	–	–	–	–	–	0·074
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·005	·033	·042	·015	–	·005	–	–	0·100
30	–	–	–	–	–	·002	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·003
31	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
SUM	0·124	0·179	0·148	0·181	0·132	0·084	0·143	0·128	0·080	0·086	0·063	0·092	0·196	0·141	0·086	0·077	0·014	0·064	0·132	0·091	0·113	0·080	0·070	0·046	2·550

RAINFALL. JUNE 1891.

1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
13	–	–	–	–	–	–	–	·009	·001	–	–	–	–	–	–	–	–	–	·002	–	·002	·005	·001	–	0·020
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
15	–	–	·003	·036	·061	·080	·025	·020	·030	·015	·015	·007	·011	·027	·013	·012	·003	–	–	–	–	–	–	–	0·358
16	–	–	–	–	–	–	–	–	·005	–	–	–	–	–	–	–	–	–	–	–	–	·002	·007	·010	0·024
17	·016	·005	·023	·017	–	–	·024	·010	·015	·018	–	–	–	·027	·020	·028	·020	·030	·055	·077	·058	·045	·015	·018	0·521
18	·017	·022	·028	·028	·012	·025	·045	·085	·013	·002	·010	·034	·076	·009	·016	–	–	–	·005	·010	·001	·002	·003	–	0·443
19	·005	–	–	·006	·001	–	·002	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·014
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
26	–	–	–	–	–	–	–	–	–	–	–	–	·262	·118	·020	·022	·078	·030	–	–	–	–	–	–	0·530
27	–	–	·074	·104	·012	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·190
28	–	–	–	–	–	–	–	–	–	–	–	–	·023	·022	·020	·027	–	–	–	–	–	–	·001	·001	0·094
29	·001	–	–	–	–	–	–	–	–	–	–	–	·001	·002	·002	·006	·028	·142	·018	–	·018	–	–	–	0·218
30	–	·004	·030	·072	–	–	·011	·096	·101	–	–	·020	·026	·042	·060	·062	·028	·057	–	–	–	–	–	·015	**0·624**
SUM	0·039	0·031	0·158	0·263	0·086	0·105	0·107	0·220	0·165	0·035	0·025	0·061	0·399	0·247	0·151	0·157	0·157	0·259	0·080	0·087	0·079	0·054	0·027	0·044	3·036

RAINFALL. INCHES FOR HOUR ENDING— JULY 1891.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.
1	·009	·032	·028	·196	·068	·010	·010	·047	·067	·016	·008	–	–	·006	–	–	–	–	–	–	–	–	–	–	0·497
2	–	–	–	–	–	–	–	–	–	–	·008	–	·061	·042	·006	–	·022	·011	·012	·039	·005	·042	·066	·100	0·414
3	·003	·009	·029	·066	·010	·015	·011	·005	·001	–	·009	–	–	–	–	–	–	–	–	–	–	–	–	–	0·158
4	–	–	–	–	·017	·022	·016	·102	·031	·003	·050	·016	·003	·001	–	–	·058	·062	·011	·020	·010	·010	–	–	0·432
5	–	–	–	–	–	–	–	–	–	–	·001	·011	·003	–	·001	·025	–	·006	·005	·020	·018	·020	·024	·054	0·188
6	·038	·100	·023	·076	·026	·047	·006	·003	·019	·020	–	–	–	–	–	·010	·055	·136	·188	·073	·013	·020	·032	·033	0·918
7	·008	–	·015	·010	·010	·010	·002	–	·025	·140	·112	·044	·006	·010	·001	–	–	–	–	–	–	–	–	–	0·393
8	·002	·106	·130	·060	·089	·073	·060	·131	·102	·055	·022	·049	·035	·010	·025	·028	·072	·055	·029	·020	·013	–	–	–	**1·166**
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·022	·010	·010	·009	·013	0·064
12	·008	·010	·027	·004	·007	–	–	–	–	–	–	–	–	–	·010	·032	·063	·018	·017	·020	·050	·003	·008	·005	0·282
13	·013	·013	·019	·031	·037	·011	·011	·016	·019	·003	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·263
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
16	–	–	–	–	–	–	·002	·017	–	·014	·014	–	–	–	–	–	–	–	–	·010	·045	–	·001	–	0·103
17	–	–	·001	·034	·061	·080	·074	·085	·129	·137	·181	·090	·088	·064	·018	·010	·011	·003	–	–	–	–	–	–	1·066
18	–	–	–	–	–	–	–	–	–	–	–	·018	·275	·046	–	–	–	–	–	–	–	–	–	–	0·339
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·090	–	0·090
20	–	·021	·009	·008	·063	·073	·022	·045	·053	·132	·048	·154	·068	·045	·010	·010	·001	·044	·013	·037	·010	·001	·020	·033	0·920
21	·047	·037	·013	·010	·023	·003	·013	·048	·088	·010	·015	·009	·013	·001	·160	·280	·018	·010	–	–	–	–	–	–	0·798
22	–	–	–	–	–	·001	·028	·067	·073	·001	·010	·012	·001	·021	·045	·024	·008	·010	·015	·008	·010	·001	·010	·015	0·360
23	·013	·010	·010	·009	·010	·001	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·020	0·074
24	·010	·010	·020	·035	·030	·011	·002	–	·002	–	–	–	·001	·001	·009	·008	·024	·038	·099	·038	·022	·020	·020	·018	0·418
25	·033	·021	·010	·037	·012	·009	·007	–	–	·006	–	–	·002	–	–	·015	·031	·001	·002	·010	·010	–	·012	–	0·218
26	·009	·004	·008	·002	·001	·002	·022	·030	·032	·055	·021	·045	·011	·011	·004	–	–	·002	·021	·035	·031	·035	·064	·038	0·483
27	·156	·067	·008	·032	·010	·040	–	–	·032	·025	–	–	–	–	–	–	–	–	–	·001	–	·002	–	–	0·373
28	–	·017	–	–	–	–	·015	·011	·001	–	–	–	·002	–	·009	–	–	–	·004	·001	–	–	–	–	0·060
29	–	–	·005	·011	·025	·010	·003	·020	·037	·019	·044	·018	·014	·004	·012	–	·034	·021	·012	–	–	–	–	–	0·289
30	·011	·020	·020	·043	·020	·021	·016	·008	·002	·004	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·165
31	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
SUM	0·360	0·477	0·375	0·664	0·519	0·439	0·321	0·635	0·803	0·640	0·543	0·466	0·583	0·262	0·310	0·442	0·397	0·417	0·428	0·354	0·247	0·164	0·356	0·329	10·531

RAINFALL. AUGUST 1891.

1	–	–	–	–	–	–	–	–	·010	–	·030	·019	·025	·042	·023	·006	·009	–	–	·032	·033	·013	·001	·002	0·245
2	·001	–	–	–	·008	·025	·075	·013	·009	·065	–	·014	·038	·023	·012	–	·026	·037	·009	–	–	–	–	–	0·355
3	–	–	–	–	–	–	–	–	–	–	–	–	·113	·020	·030	·034	·019	·209	·085	·025	·039	·008	·010	·052	0·644
4	·106	·215	·323	·470	·018	·011	·008	·010	–	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1·162
5	–	·009	·002	·008	–	·010	·002	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·031
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·013	0·013
7	·018	·020	·015	·031	·040	·078	·123	·160	·130	·110	·145	·098	·083	·050	·021	·015	·020	·018	·019	·021	·010	·015	·038	·071	1·349
8	·070	·040	[·020]	·019	·111	·131	·035	·033	·070	·034	·044	·042	·026	·105	·029	·049	·020	·021	·026	·028	·063	·034	·014	·009	1·073
9	·016	·009	·010	·020	·020	·028	·010	–	–	–	–	–	–	–	·016	·059	·100	·036	·005	·007	·029	·061	·020	·008	0·454
10	[·009]	·005	·007	·009	·009	·004	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·005	·010	0·058
11	·046	·007	·029	·014	·036	·019	·038	·038	·043	·033	·047	·029	·029	·026	·005	·005	–	–	–	·011	·014	·009	·005	·012	0·495
12	·039	·285	·070	·027	·080	·131	·169	·079	·067	·103	·102	·057	·058	·017	·002	·007	·019	·084	·069	·048	·025	·012	·019	·020	1·589
13	·090	·018	·022	·178	·022	·020	·023	·021	·028	·010	·010	·004	·003	–	–	–	–	·001	–	–	–	–	–	–	0·450
14	–	·008	·011	·023	·025	·017	·128	·038	·013	·007	·047	·078	·038	·090	·039	·051	·051	·089	·076	·110	·060	·049	·030	·017	1·095
15	·040	·163	·196	·030	·010	·010	·009	·008	·045	·129	·044	·047	·010	·021	·056	·033	·020	·020	·008	·004	·003	·010	·010	·011	0·937
16	·042	·015	·009	·008	·009	·004	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·087
17	–	–	–	–	·010	·008	·008	·007	·003	·012	·038	·048	·018	·010	·008	·028	·030	·035	·041	·028	·019	·038	·090	·048	0·527
18	·041	·044	·010	·007	·010	·003	–	–	–	–	–	–	–	–	–	–	–	·018	·176	–	–	–	–	–	0·309
19	–	–	–	–	·008	·002	–	–	–	–	–	–	–	·085	–	·007	·023	·007	–	–	·004	–	–	–	0·136
20	·003	–	–	–	·003	·002	–	–	–	–	–	·001	·063	·018	·009	·125	·138	·122	·007	–	–	–	–	–	0·491
21	–	–	–	–	–	–	–	–	–	–	–	·012	·068	·082	·075	·088	·043	·026	·017	·010	·010	·048	·009	·012	0·500
22	·005	·008	·021	·015	·041	·013	·012	·011	·003	–	–	–	–	–	·009	–	·004	·020	·016	·001	–	–	–	–	0·179
23	–	–	–	–	–	·003	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·003
24	–	–	–	–	–	–	–	·002	·019	·050	·009	·009	·011	·012	·045	·024	·067	·062	·057	·011	·008	·012	·043	·053	0·494
25	·088	·040	·011	·042	·087	·027	·052	·066	·016	·018	·033	·003	·010	·010	·018	·003	·023	·029	·034	·131	·056	·098	·100	·091	1·086
26	·182	·145	·116	·015	·086	·060	·215	·066	·177	·159	·076	·212	·170	·042	·009	–	·002	·004	–	–	–	–	–	–	1·736
27	·038	·015	·010	–	·003	·010	·001	–	–	–	–	–	–	–	–	–	–	–	·002	–	–	–	–	–	0·079
28	–	–	–	·008	·032	·102	·178	·097	·017	·050	·027	·108	·020	·007	·219	·229	·190	·058	·013	·009	·005	·029	·002	·010	1·410
29	·016	·018	·030	·009	·050	·026	·002	·006	·001	·018	·052	·080	·022	·035	–	·001	·001	·004	–	–	–	–	–	–	0·377
30	–	–	·001	–	–	–	–	–	–	–	–	–	–	–	·008	–	·004	–	–	–	·001	·001	–	·018	0·033
31	·019	·024	·030	·015	·041	·016	·009	·005	·020	·006	–	–	–	–	–	·068	·200	·042	·177	·100	·780	·121	·058	·040	**1·771**
SUM	0·869	1·088	0·943	0·948	0·759	0·760	1·097	0·660	0·671	0·805	0·704	0·861	0·805	0·658	0·633	0·832	1·009	0·942	0·837	0·576	1·159	0·558	0·456	0·497	19·162

RAINFALL. INCHES FOR HOUR ENDING— JULY 1891.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.
1	–	–	·090	·055	·005	–	–	·025	·030	·003	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·208
2	–	–	–	–	–	–	–	–	–	–	·008	·007	·023	·182	·070	·002	–	·006	–	·030	–	·054	·113	·055	0·550
3	–	–	·002	·015	·120	·065	·118	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·320
4	–	–	–	–	–	·012	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·012
5	–	–	–	–	–	–	–	–	–	–	–	·009	·001	–	–	·005	·002	·001	–	–	–	–	·002	·012	0·032
6	·011	·022	·020	·028	·020	·008	–	–	–	–	–	–	–	–	–	–	–	·113	·089	·034	·048	·019	·003	·020	0·435
7	–	–	–	–	–	–	–	–	–	·068	·060	·070	·010	·001	–	–	–	–	–	–	·041	·038	·021	·010	0·319
8	·002	–	·052	·077	·023	·050	·011	·022	·020	·028	·007	–	·003	–	–	·009	·055	·040	·015	·001	·001	–	–	–	0·416
9	–	–	–	–	–	–	–		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·001	·001	–	–	–	–	–	–	0·002
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·003	·012	·003	–	–	–	–	–	–	0·018
13	·003	·009	·010	·011	·010	–	–	·041	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·084
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
16	–	–	–	–	–	–	·002	·019	–	–	·030	–	–	–	–	–	–	–	–	–	·003	·009	–	–	0·063
17	–	–	–	–	·035	·057	·020	·031	·045	·090	·112	·110	·122	·045	·009	·005	·002	·001	·001	·001	·001	·001	–	–	**0·688**
18	–	–	–	–	–	–	–	–	–	–	–	–	·268	·012	–	–	–	–	–	–	–	–	–	–	0·280
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·030	–	0·030
20	–	·025	·037	·002	·013	·020	–	·002	·018	·010	·008	·051	·030	–	–	–	–	·010	·014	·016	–	–	·002	·002	0·260
21	–	–	–	–	–	·048	·009	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·057
22	–	–	–	–	–	–	–	·006	·004	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·011
23	–	–	–	–	–	–	–	·003	–	–	–	–	–	–	–	–	–	·001	·001	·001	–	–	–	–	0·006
24	–	·001	·002	·002	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·005
25	–	–	–	·002	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·002
26	–	–	–	–	–	–	–	·002	·005	·012	–	–	–	–	–	–	–	–	–	·002	·003	·002	·001	·001	0·028
27	·012	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·012
28	·001	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·002
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
31	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
SUM	0·029	0·058	0·213	0·192	0·226	0·260	0·160	0·151	0·122	0·212	0·225	0·247	0·457	0·240	0·079	0·024	0·072	0·176	0·120	0·085	0·097	0·123	0·172	0·100	3·840

RAINFALL. AUGUST 1891.

1	–	–	–	–	–	–	–	–	–	–	–	·003	–	·006	·001	–	–	·010	·001	·010	·009	–	–	·002	0·042
2	–	–	·008	·030	·182	·035	·090	·073	·056	·096	·003	·040	·052	·005	·031	–	·018	·045	·003	·026	·023	·003	·001	–	0·820
3	–	–	–	–	–	–	–	–	–	–	·030	·461	·247	·042	·008	·010	·012	·112	·091	·008	·002	–	–	·048	**1·071**
4	·029	·047	·140	·307	·034	·010	–	·025	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·592
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7	–	–	–	–	–	–	·040	·057	·021	·009	–	–	–	–	–	–	–	–	–	–	–	–	–	·038	0·165
8	·030	·009	·002	·001	·012	·030	·005	·024	·059	·020	·002	·003	·002	·020	·014	·001	–	·002	·004	·002	·002	–	·001	·001	0·246
9	·004	·001	–	·001	·008	·002	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·009	·001	0·026
10	·001	–	–	–	–	–	–	–	–	–	–	·001	·001	·001	·001	·001	·001	·001	·001	·001	–	–	–	–	0·010
11	–	–	–	–	–	–	·007	·013	·030	·006	·009	·020	·024	·002	–	–	–	–	–	–	–	·005	–	·030	0·146
12	·022	·062	·006	·006	·006	·065	·137	·156	·162	·108	·080	·045	·016	–	·004	–	–	·005	·006	·008	·005	·004	·006	·001	0·910
13	·006	·014	–	·009	–	–	·003	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·005	–	–	0·037
14	–	–	·010	·008	·007	·007	·140	·020	–	–	·019	·013	·008	·030	·012	·004	·025	·057	·035	·047	·014	·007	·009	–	0·472
15	·010	·020	–	–	–	–	–	–	–	·008	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·038
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17	–	–	–	–	–	–	–	–	–	–	·008	·012	–	–	–	–	–	–	–	–	–	·002	·008	–	0·030
18	–	–	·003	·002	·003	–	–	–	–	–	–	–	–	–	–	–	–	–	·030	–	–	–	–	–	0·038
19	–	–	–	–	–	–	–	–	–	–	–	–	–	·047	–	–	–	–	–	–	–	–	–	–	0·047
20	–	–	–	–	–	·001	·003	·001	·001	–	–	–	–	·310	–	·050	·265	·065	·009	·001	–	–	–	–	0·706
21	–	–	–	–	–	–	–	–	–	–	–	–	–	·020	·108	·034	·005	–	·021	–	·003	·054	·042	·003	0·290
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·013	·024	–	·043	·008	·001	·002	·002	–	–	0·093
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
24	–	–	–	–	–	–	–	–	·010	·030	–	–	–	–	·030	·002	·025	·018	·016	·002	–	–	·007	·040	0·180
25	·100	·070	–	·063	·020	·005	·015	–	·004	–	·008	–	·002	·002	–	·002	·002	·034	·063	·015	·037	·211	·179	·085	0·917
26	·095	·145	·107	–	–	·007	·019	–	–	·027	–	·039	·004	·004	–	–	–	–	–	–	–	·003	·100	–	0·550
27	–	–	–	–	–	–	–	·030	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·030
28	–	–	–	·009	–	·009	·054	·036	·008	–	–	–	·011	·001	·008	–	·005	·009	–	–	–	·004	–	–	0·154
29	–	·009	·010	–	·022	·008	–	–	–	–	–	·002	–	–	–	–	–	–	–	·001	·001	·003	–	–	0·056
30	–	–	–	–	–	–	·002	·001	–	–	–	–	·001	·002	·004	–	·021	–	–	–	–	–	–	·004	0·035
31	·011	·009	·002	·032	·024	–	–	–	–	–	–	–	–	–	–	–	·060	·018	·102	·094	·090	·020	·030	·011	0·503
SUM	0·308	0·386	0·288	0·468	0·318	0·179	0·515	0·436	0·351	0·304	0·159	0·639	0·368	0·492	0·234	0·128	0·439	0·419	0·390	0·216	0·188	0·323	0·392	0·264	8·204

RAINFALL. INCHES FOR HOUR ENDING— SEPTEMBER 1891.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.
1	·081	·015	·182	·090	·255	·171	·170	·168	·319	·187	·357	·153	·215	·170	·526	·100	·057	·114	·289	·217	·453	·099	·360	·182	**4·930**
2	·040	·074	·213	·160	·048	·078	·030	·082	·378	·270	·341	·245	·289	·210	·230	·158	·032	·129	·070	–	·004	·030	·118	·139	3·368
3	·267	·074	·160	·170	·020	·010	·004	·005	·005	–	–	·011	·004	·011	–	–	–	–	–	–	–	–	–	–	0·741
4	·008	·020	·010	·008	·011	·008	·003	–	·003	–	–	–	·029	–	–	–	–	–	·005	–	–	–	–	–	0·105
5	–	–	·001	·011	·017	·017	·019	·095	·074	·056	·070	·047	·016	·079	·016	·037	·100	·229	·118	·483	·139	·222	·036	·027	1·909
6	·007	·006	·010	·132	·012	·141	·004	·031	·081	·191	·070	·024	·120	·126	·033	·158	·123	·160	·010	·018	·124	·139	·040	·008	1·768
7	·017	·047	·043	·083	·018	·012	·003	·007	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·230
8	–	–	–	–	–	–	–	·016	·026	·004	·007	·004	·006	–	–	–	–	–	·006	–	–	–	–	–	0·069
9	–	·023	·007	·002	·010	·014	·017	·068	·037	·171	·435	·187	·206	·231	·263	·099	·028	·013	·020	·008	·009	·004	·007	·011	1·870
10	·010	·005	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·024	·040	·056	·012	0·147
11	·012	·010	·003	·006	·006	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·037
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·012	·022	·017	·053	·078	·084	·029	0·295
14	·031	·021	·072	·027	·067	·062	·071	·040	·014	·010	·021	·111	·107	·008	–	–	–	–	–	·068	·008	·027	·139	·162	1·066
15	·161	·164	·036	·004	·003	·004	·063	·002	·076	·045	·010	·010	·002	·002	·010	·079	·014	·157	·179	·142	·084	·047	·055	·015	1·364
16	·019	·062	·026	·046	·159	·156	·126	·044	·142	·113	·113	·078	·046	·012	·019	·033	·312	·176	·403	·219	·542	·228	·184	·354	3·612
17	·663	·165	·399	·307	·319	·197	·280	·096	·059	·035	·053	·007	·027	·081	·166	·052	·098	·099	·080	·064	·038	·064	·092	·064	3·505
18	·046	·043	·049	·067	·087	·060	·167	·067	·126	·071	·197	·025	·085	·054	·028	·010	·014	·010	·320	·061	·146	·088	·218	·047	2·086
19	·041	·017	·023	·062	·234	·054	·013	·011	·007	·007	·004	·088	·285	·062	·004	·012	–	–	·013	–	–	–	–	–	0·937
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·043	·041	·083	·060	·045	·044	·066	·132	0·514
21	·027	·020	·011	·006	·023	·040	·098	·017	·036	·059	·036	·018	·010	·027	·035	·010	·004	·002	–	·013	·014	·026	·010	·003	0·545
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
24	–	–	–	–	·010	–	·005	–	·049	·109	·050	·033	·059	·010	·008	·210	·013	·023	·015	·104	·016	·013	·003	·008	0·738
25	·004	·057	·081	·027	·008	·007	·002	·003	·032	·043	–	–	–	–	–	–	–	·084	·155	·128	·391	·405	·309	·456	2·192
26	·178	·005	–	–	–	–	·015	–	·033	·025	·129	·140	·205	·155	·253	·460	·354	·411	·131	·158	·192	·065	·186	·051	3·146
27	·018	·120	·058	·230	·029	·013	·034	·142	·065	·045	·014	·179	·004	·024	·075	·084	·070	·009	·057	·048	·013	·047	·039	·017	1·434
28	·022	·102	·026	·079	·046	·323	·198	·238	·143	·479	·123	·135	·032	·200	·222	·697	·052	·219	·151	·344	·180	·210	·037	·069	4·327
29	·003	·010	·001	–	–	–	–	–	·002	·030	·016	·012	·032	·435	·133	·277	·195	·195	·012	·012	·010	·020	·008	·008	1·411
30	·058	·099	·002	·010	·001	·001	·030	·005	·034	·210	·189	·269	·140	·003	·007	·109	·012	·012	·003	·001	·002	–	–	·002	1·199
SUM	1·713	1·159	1·413	1·527	1·383	1·368	1·352	1·137	1·741	2·160	2·235	1·776	1·919	1·900	2·028	2·585	1·521	2·095	2·142	2·165	2·487	1·896	2·047	1·796	43·545

RAINFALL. OCTOBER 1891.

1	·065	·068	·052	·059	·153	·013	·030	·160	·056	·057	·088	·151	·027	·003	·005	–	·001	·034	·013	·010	·072	·160	·010	·087	1·374
2	·070	·011	–	·007	·010	·007	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·003	–	0·108
3	–	·020	·018	·032	·040	·114	·050	·125	·011	·179	·057	·144	·147	·010	·323	·078	·025	·034	·048	·040	·012	·012	·010	·009	**1·538**
4	·004	·003	·001	·015	·089	·037	·016	·016	·060	·053	·084	·020	·057	·002	·038	·055	·100	·076	·070	·064	·051	·070	·020	·024	1·025
5	·027	·025	·009	·024	·040	·044	·015	·026	·015	·008	·007	–	–	–	–	–	–	–	–	–	–	–	–	–	0·240
6	·022	·033	·022	·062	·095	·147	·105	·083	·129	·190	·174	·039	·031	·096	·011	·015	·110	–	·010	·040	·040	–	–	–	1·454
7	–	–	–	–	–	–	–	·001	·027	·001	·012	–	·004	–	–	·040	·003	·001	–	–	–	–	–	–	0·089
8	–	–	–	–	–	–	–	·020	–	–	–	–	–	–	–	–	–	–	·001	·140	·080	·038	·065	·074	0·418
9	·080	·100	·095	·085	·010	·002	–	–	–	–	–	–	·032	·070	·033	–	·105	·016	·004	·010	·055	·030	·018	·050	0·795
10	·032	·002	·001	·001	–	–	–	–	–	–	·012	·033	·010	–	–	–	·033	·010	–	·001	·040	·030	·040	·038	0·283
11	·048	·028	·059	·015	·020	·035	·027	·014	·160	·010	·016	·016	·033	·040	·109	·099	·075	·107	·110	·045	·006	·002	–	–	1·074
12	–	·035	·053	·008	·030	·001	–	–	–	–	–	–	–	·020	–	–	–	–	–	–	–	–	·059	·030	0·236
13	·008	·005	·010	·055	–	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	[·020]	[·030]	[·050]	[·100]	·300	0·579
14	·127	·170	·058	·090	·024	·044	·012	·122	·057	·066	·038	·013	·030	·044	·065	·018	·023	·098	·030	·002	·129	·050	·023	·072	1·405
15	·055	·160	·176	·037	·035	·012	–	–	–	–	–	·025	·044	·009	·049	·004	·041	·060	·068	·043	·009	·002	·002	·002	0·833
16	–	–	–	–	–	[·010]	[·015]	[·015]	[·015]	[·010]	[·015]	[·010]	[·010]	·015	·019	·019	·013	·006	·023	·044	·020	·110	·038	·003	0·410
17	·005	·008	·020	·010	·009	·012	·016	·018	·012	–	–	·113	·035	–	·010	–	·027	–	·018	–	–	–	·015	·048	0·376
18	·005	·015	–	–	–	–	·015	–	·018	–	–	–	–	–	–	–	–	–	·072	·048	·047	·038	·080	·155	0·493
19	·115	·022	·018	·006	–	·065	–	·031	·050	·152	·035	–	·116	·095	–	–	–	–	·071	–	·008	·009	·010	·015	0·818
20	·040	·002	·007	–	–	–	–	·009	–	·008	·015	–	·026	–	–	·019	–	·026	·017	–	–	·030	·053	·020	0·272
21	·020	·054	·038	–	–	–	·009	–	·021	–	–	–	–	–	–	–	–	·023	·015	·007	–	·012	·009	·014	0·222
22	·030	·034	·002	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·066
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	[·010]	[·023]	0·033
24	·030	–	·032	·028	·052	–	–	·028	·012	·018	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·200
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
29		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
31	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
SUM	0·783	0·795	0·671	0·534	0·607	0·544	0·310	0·668	0·643	0·752	0·553	0·564	0·602	0·404	0·662	0·347	0·556	0·491	0·570	0·514	0·599	0·643	0·565	0·964	14·341

RAINFALL. INCHES FOR HOUR ENDING— SEPTEMBER 1891.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.
1	·004	–	·021	·014	·060	·045	·010	·018	·020	·012	·047	·032	·012	·062	·195	·014	–	·015	·028	·055	·147	·038	·077	·070	0·996
2	·011	–	–	–	–	–	·002	·033	·222	·233	·180	·110	·032	·090	·037	·005	–	–	–	–	–	–	·008	·004	0·967
3	·020	·017	·040	·010	·100	·069	·001	·001	–	–	–	–	–	·004	·006	·007	·001	–	–	–	·018	–	–	·022	0·316
4	·032	·013	·002	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·048
5	–	–	–	·015	·012	·012	·007	·101	·030	·068	·030	·028	–	·030	·070	·212	·019	·020	·059	·050	·180	·043	·027	·079	1·092
6	·019	–	–	·020	·002	·047	–	·005	·010	·052	·011	·098	·080	·021	·030	·028	·018	·017	·002	·002	·065	·059	·030	–	0·616
7	–	·019	·040	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·059
8	–	–	–	–	–	–	–	·008	·003	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·011
9	–	–	–	–	–	–	·007	·092	·018	·106	·114	·286	·278	·195	·076	·015	–	–	·001	·002	–	–	–	–	1·190
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·004	·020	·007	·002	0·033
11	·004	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·004
12	–	–	–	–	–		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
13	–	–	–	–	–	–	·001	·001	–	–	–	–	–	–	–	–	–	–	–	·003	·025	·080	·018	·015	0·143
14	·008	·010	–	–	·025	·048	·028	·007	–	–	–	·040	–	–	–	–	–	–	–	–	–	–	·094	·030	0·290
15	·009	·002	·010	–	–	–	·030	–	·017	·005	–	–	–	–	–	–	–	–	·020	·011	·008	–	·004	·001	0·117
16	·001	·003	–	–	·017	·037	–	·006	·023	·017	–	–	–	–	–	·018	·093	·109	·071	·080	·051	·043	·086	·093	0·748
17	·060	·039	·021	·019	–	–	·011	·008	·003	·003	–	–	–	–	–	–	·002	·008	·001	·006	–	·003	·008	·005	0·197
18	·012	·008	·004	·012	–	–	·008	·008	·005	·002	–	–	–	–	–	·001	·001	·001	·012	·030	·037	·095	·010	·001	0·247
19	–	–	–	·001	·097	·012	–	–	–	–	–	·018	·010	–	·011	–	–	–	–	–	–	–	–	–	0·149
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·005	·005	·032	·039	–	–	–	–	0·081
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·005	0·005
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
24	–	–	–	–	–	–	–	·058	·107	·147	·148	·007	·005	–	–	·025	·155	–	–	·020	–	–	–	–	0·672
25	–	–	·017	·035	–	–	–	–	·042	·014	–	–	–	–	–	–	–	·091	·178	·035	·146	·102	·105	·018	0·783
26	·006	–	–	–	–	–	·017	·003	·006	·091	·117	·243	·100	·060	·125	·090	·127	·106	·013	·009	·030	·018	·023	·001	1·185
27	·002	·044	·031	·056	·003	·002	·009	·032	·031	·001	–	·028	–	·001	·008	–	·005	·007	–	·001	–	–	·002	–	0·263
28	–	·005	–	–	·031	·137	·094	·051	·072	·120	·042	·025	·009	·051	·095	·063	·030	·107	·154	·245	·032	·067	·052	–	**1·482**
29	–	–	·004	·024	–	–	·052	·007	·052	·082	·028	·031	·030	·043	·075	·130	·054	·031	·004	–	–	–	–	–	0·647
30	–	·091	·011	–	–	–	–	–	·003	·037	·042	·079	·050	–	–	·019	·017	·001	–	–	–	·028	–	·002	0·380
SUM.	0·188	0·251	0·201	0·207	0·347	0·409	0·277	0·439	0·664	0·990	0·759	1·025	0·606	0·557	0·728	0·627	0·527	0·518	0·575	0·588	0·743	0·596	0·551	0·348	12·721

RAINFALL. OCTOBER 1891.

1	·119	·101	·072	·051	·030	–	–	·033	·018	·001	–	·007	·070	·002	·020	·002	·001	·096	–	–	·053	·029	·030	·059	0·794
2	·034	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·034
3	–	·004	·002	–	·011	·012	·010	·019	·030	·065	·010	·014	·055	·047	·022	·024	·029	·025	·052	·029	·003	–	–	–	0·463
4	–	–	–	·043	·070	·021	–	–	·007	·006	·001	·019	·040	·028	·064	·159	·165	·120	·069	·065	·010	–	–	–	0·887
5	–	·002	·005	·002	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·009
6	·019	·072	·041	·023	·114	·152	·118	·061	·081	·158	[·100]	[·070]	[·020]	[·010]	–	–	–	–	–	[·040]	[·020]	–	–	[·010]	**1·109**
7	[·010]	–	[·010]	–	[·010]	[·010]	[·004]	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·044
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·112	·078	·042	·111	·027	0·370
9	·012	·053	·068	·046	–	–	·002	–	–	–	–	–	·088	·178	·101	·017	·002	·019	·046	·097	·098	·049	·047	·067	0·990
10	·008	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·001	·001	·001	·002	·006	·012	0·031
11	·061	·040	·008	·005	–	·008	·001	–	–	–	–	–	–	–	·090	·090	·020	·171	·030	·008	·001	–	–	–	0·533
12	–	–	·042	·008	·008	–	–	–	–	–	·004	–	·004	–	–	–	–	–	–	–	–	·001	·083	·002	0·152
13	·014	·003	–	·007	–	–	–	–	–	–	–	–	–	–	–	–	–	·189	·171	·091	·020	·039	·146	·314	0·994
14	·132	·071	·028	·030	·004	–	–	·093	·102	–	–	–	·082	·171	·058	–	·002	·008	·007	–	·043	–	·005	·038	0·874
15	·012	·146	·156	·088	·040	·002	–	–	–	–	–	·117	·070	·002	·042	–	·008	·020	·021	·009	·001	·008	–	·012	0·754
16	–	–	–	–	–	–	·032	·027	·012	·006	·002	·008	·010	·008	·002	–	–	–	·020	·028	·001	·054	·038	–	0·248
17	–	–	·009	–	–	–	–	–	–	–	–	·010	·007	·001	–	–	–	·002	–	–	–	–	·003	·006	0·038
18	·001	–	–	–	–	–	–	–	–	·010	–	–	–	–	–	–	–	–	·028	·100	·145	·168	·193	·157	0·802
19	·050	·017	–	–	·001	·036	·022	·001	·001	·024	–	·022	·007	·010	–	–	–	–	·034	·003	–	·004	·002	·048	0·282
20	·074	·029	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·010	·054	·004	0·171
21	·002	·044	–	–	–	·006	–	–	·001	·017	·005	–	–	–	–	–	–	–	·021	·004	–	–	·012	·012	0·124
22	·097	·027	–	–	–	–	·011	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·135
23	–	–	–	·018	·015	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·008	·001	0·042
24	·001	–	·006	·004	·003	–	·002	–	·003	–	–	·004	·001	·002	·001	–	–	–	–	–	–	–	·001	·001	0·029
25	–	–	–	–	–	·001	–	–	–	–	–	–	–	–	–	–	–	–	·003	–	–	–	–	–	0·004
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
27	–	–	–	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·001
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
31	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
SUM.	0·646	0·609	0·447	0·326	0·306	0·248	0·202	0·234	0·255	0·287	0·122	0·271	0·454	0·459	0400	0·292	0·227	0·650	0·503	0·587	0·474	0·406	0·739	0·770	9·914

RAINFALL. INCHES FOR HOUR ENDING— NOVEMBER 1891.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·025	–	–	0·025
6	–	–	–	–	–	–	–	–	–	–	·039	–	–	–	–	–	·018	–	·034	·015	·012	–	·022	·100	0·240
7	·047	·008	·028	–	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·084
8	–	–	–	–	–	–	–	–	–	–	–	–	·049	·036	·065	·087	·149	·265	·109	·113	·123	·101	·126	·141	1·364
9	·100	·054	·023	·018	·020	·163	·076	·029	·120	·052	·076	·268	·070	·027	·010	·048	·082	·107	·087	·015	·013	·090	·028	·033	**1·609**
10	·052	·043	·060	·104	·140	·080	·067	[·050]	·018	·016	·012	·023	·021	·034	·040	·014	·025	·087	·009	·010	–	–	–	·003	0·908
11	[·050]	[·100]	[·060]	[·040]	[·030]	[·030]	[·020]	[·020]	[·020]	[·010]	[·010]	[·010]	[·020]	[·020]	[·030]	·052	·071	·012	·046	·065	·110	·100	·084	·102	1·112
12	·121	·131	·076	·062	·012	·025	·020	·015	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·462
13	–	–	–	–	–	–	–	–	–	–	–	–	–	[·020]	[·020]	·027	·027	·039	·044	·030	·002	–	–	–	0·209
14	–	–	–	–	–	–	–	–	–	–	·023	·009	–	–	–	–	–	–	–	–	–	–	–	–	0·032
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
16	–	–	–	–	–	–	–	–	·002	·003	·001	–	–	–	·008	–	–	–	–	–	–	–	–	–	0·014
17	–	–	·020	·007	·020	·014	·023	·001	–	·019	–	–	–	–	–	–	·001	–	–	–	–	·036	–	–	0·141
18	–	–	–	–	–	–	·005	·008	·001	·006	–	·004	·042	·065	·121	·040	·092	·128	·158	·120	·039	·010	·001	·015	0·855
19	·040	·010	·018	·060	·046	·041	·022	·043	·025	·012	·050	·048	·003	·033	·125	·214	·086	·292	·061	·119	·079	·070	·030	·078	1·605
20	·070	·096	·033	·035	·005	·012	·012	·051	·117	·095	·034	·003	·021	·015	·006	–	–	–	–	–	–	–	–	–	0·605
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22	–	–	·045	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·045
23	–	–	–	–	–	–	–	–	–	–	·002	·004	·014	–	·009	–	–	–	·011	·030	·073	·078	·084	·036	0·341
24	·008	·005	–	·010	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·023
25	–	–	–	–	–	–	–	–	–	–	·007	·012	·019	·015	·146	·016	·036	·034	·031	·015	·008	–	·008	·014	0·361
26	–	·013	–	·004	·005	·009	·038	–	·002	·011	·003	–	–	–	–	–	–	–	–	–	–	–	–	–	0·085
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
29	[·100]	[·100]	[·100]	[·100]	[·100]	[·100]	[·100]	[·100]	[·100]	·101	·104	·070	·044	·011	·029	·016	·009	·003	·003	·001	·002	·022	·006	·011	1·332
30	·007	·008	·013	·027	·023	·027	·019	·010	·021	·028	·031	·013	·021	·021	·037	·043	·038	·004	·017	·012	·005	·003	·001	–	0·429
SUM.	0·595	0·568	0·476	0·467	0·402	0·501	0·402	0·327	0·426	0·353	0·392	0·464	0·324	0·297	0·646	0·557	0·634	0·971	0·610	0·545	0·466	0·535	0·390	0·533	11·881

RAINFALL. DECEMBER 1891.

1	–	–	·012	·012	·010	·003	·008	·011	·027	·009	·013	·009	·037	·001	–	–	–	[·050]	·072	·029	·020	·106	·132	·099	0·660
2	·040	·023	·025	·004	·001	–	–	–	–	–	–	·003	·010	·004	·001	·022	·028	·009	·002	·012	·026	·052	·085	[·050]	0·397
3	–	–	–	–	[·005]	[·005]	[·010]	[·010]	[·005]	[·005]	[·005]	[·005]	[·010]	[·010]	[·010]	[·010]	[·010]	·009	·061	·001	·091	·020	·011	·010	0·303
4	·035	·022	·068	·093	·105	·028	·031	·011	·020	·042	·062	·100	·018	·060	–	·041	·012	·062	·052	·120	·277	·078	·078	·049	1·464
5	·067	·077	·178	·137	·028	·022	·079	·087	·085	·008	·048	·160	·050	·040	·162	·070	·092	·016	·026	·001	·074	·002	·012	·020	**1·541**
6	·054	·046	·179	·072	·087	·039	·042	·021	·018	·015	·015	·010	·015	·022	·050	·063	·050	·061	·047	·011	–	·020	·001	·002	0·940
7	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·001
8	–	–	·017	·010	·014	·024	·049	·098	·030	·013	·005	–	–	·003	·011	·014	·017	·015	·048	·048	·057	·042	·020	·038	0·573
9	·015	·009	·011	·046	·018	·043	·069	·047	·024	·026	·043	·198	·021	·022	·019	·069	·044	·094	[·100]	[·100]	[·100]	[·040]	[·010]	[·050]	1·218
10	[·010]	[·010]	[·010]	[·010]	[·010]	[·010]	[·010]	·002	·001	–	–	–	–	–	–	·011	·019	·060	·022	·052	·083	[·010]	[·010]	[·010]	0·350
11	·002	–	–	·007	·002	·003	·014	·019	·008	·018	·022	·031	[·008]	·051	·028	·032	·030	·029	·024	·030	–	–	–	–	0·358
12	·048	·028	·022	·004	·001	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	[·010]	[·010]	·012	0·136
13	·008	·011	·055	·032	·021	·029	·042	·039	·004	·003	·017	·007	·001	·003	–	·015	–	·001	·010	·001	·009	·025	·030	·028	0·391
14	·092	·097	·053	·012	·010	·024	·019	·059	·030	·019	·006	·006	·008	·021	·012	–	–	–	–	–	–	–	–	–	0·468
15	–	–	–	–	–	–	–	–	–	–	–	–	·008	·006	·023	·031	·033	·100	·112	·039	·243	·203	·193	·224	1·215
16	·273	·237	·294	·112	·047	·012	·013	·005	·008	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1·002
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18	·003	–	·003	·002	·008	·004	·006	·004	·011	·003	·007	–	–	·004	·018	·011	·016	·003	·010	·023	·036	·022	·022	·053	0·269
19	·070	·073	·153	·040	·022	·068	·022	·018	·039	·071	·003	·006	–	·006	–	–	–	–	–	–	–	–	–	–	0·591
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·020	·001	·011	0·032
26	·021	·019	·022	·033	·065	·090	·080	·040	·020	·030	·045	·070	·048	·054	·062	·102	·109	·130	·070	·048	·095	·028	·043	·062	1·386
27	·047	·050	·070	·027	·015	·010	·015	–	–	–	–	–	–	–	[·010]	[·010]	–	[·010]	[·010]	–	–	–	–	–	0·274
28	–	[·020]	[·010]	–	–	–	·010	·015	·020	–	–	–	·016	·011	·008	·008	–	[·020]	[·010]	[·010]	[·010]	[·050]	[·120]	[·150]	0·488
29	[·100]	[·010]	[·010]	[·010]	[·010]	·048	·032	·080	·060	·060	·050	·135	·031	·060	·030	·027	·067	·042	·032	·057	·032	·040	·032	·027	1·082
30	·022	·071	·051	·023	·030	·040	·046	·048	·023	·077	·056	·057	·050	·072	·048	·067	·110	·085	·102	·082	·046	·032	·050	·041	1·329
31	·030	·149	·017	·012	·030	·030	·021	·060	·090	·073	·020	·020	·025	·012	·012	·119	·025	·050	[·020]	[·040]	[·040]	·052	·044	·021	1·012
SUM.	0·938	0·952	1·260	0·698	0·539	0·533	0·618	0·674	0·523	0·473	0·417	0·817	0·356	0·462	0·504	0·722	0·662	0·846	0·830	0·704	1·239	0·852	0·904	0·957	17·480

RAINFALL. INCHES FOR HOUR ENDING— NOVEMBER 1891.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·002	·003	·003	·001	·001	–	–	0·010
6	·001	–	–	·001	–	–	–	–	·005	·001	–	–	–	–	–	–	–	–	·018	·002	·009	·003	·023	·053	0·116
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8	–	–	–	–	–	–	–	–	–	–	–	–	·002	·019	·042	·080	·035	·008	·004	–	·002	·028	·083	·075	0·378
9	·081	·048	·018	·002	·002	·023	·110	·115	·069	·034	·016	·018	·050	·044	·002	·064	·038	·197	·102	·007	·046	·109	·037	·020	**1·252**
10	·042	·031	·093	·038	·018	·042	·094	·002	–	–	–	·020	·007	·042	·017	·031	–	–	–	–	–	–	–	·002	0·479
11	·008	·003	–	–	–	·009	·011	·014	·014	·004	–	·019	·040	·043	·050	·058	·049	·039	·011	·040	·050	·035	·050	·021	0·568
12	·053	·019	·002	·008	·004	·006	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·092
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·009	·011	·022	·018	·002	·001	–	–	–	0·063
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17	–	–	·007	·013	·017	·033	·028	–	–	·021	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·119
18	–	–	–	–	–	–	–	–	–	–	–	·012	·095	·068	·028	·008	·048	·159	·196	·090	·038	–	–	–	0·742
19	·012	·008	–	–	–	–	–	–	–	·006	·002	·008	·001	·110	·077	·040	·003	·020	·011	·030	·040	·010	·018	·014	0·410
20	·012	·043	·001	–	–	–	–	·038	·094	·086	·021	–	–	–	–	–	–	–	–	–	–	–	–	·006	0·301
21	·002	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·002	·007	·001	–	–	–	–	–	–	0·012
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·001	·006	·003	·061	·129	·080	·047	·066	0·393
24	·009	–	–	·006	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·015
25	–	–	–	–	–	–	–	–	·020	·003	–	–	·012	·062	·106	·012	·008	–	–	·008	–	–	–	–	0·231
26	–	–	–	–	–	·006	·008	–	–	·005	–	·005	·003	–	–	–	–	–	–	–	–	–	–	–	0·027
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
28	–	–	–	–	–	–	–	–	–	–	–	–	·006	·044	·142	·022	·002	·001	·001	·004	–	–	–	–	0·222
29	·001	·007	·013	·018	·048	·041	·051	·082	·057	·058	·012	·007	·006	·005	–	–	–	·003	·002	–	–	·020	·015	–	0·446
30	–	–	–	–	–	–	–	–	–	·022	·010	·003	–	·008	·030	·044	·003	·003	·077	·002	–	–	–	–	0·202
SUM.	0·221	0·159	0·134	0·086	0·089	0·160	0·302	0·251	0·259	0·240	0·061	0·092	0·222	0·445	0·494	0·370	0·205	0·461	0·446	0·249	0·316	0·286	0·273	0·257	6·078

RAINFALL. DECEMBER 1891.

1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·009	·048	·053	·115	·075	·018	·012	·017	·013	–	0·360
2	·040	·026	–	–	–	–	–	–	–	–	–	–	·006	·002	·001	·061	–	–	–	–	–	–	–	–	0·136
3	–	·015	·059	·114	·076	·023	–	·003	·017	·010	·052	·150	·111	·059	·018	·065	·010	–	–	–	·045	–	–	–	0·827
4	–	·010	·008	·012	·038	–	–	–	·044	·067	·140	·040	·022	·021	·002	·003	·011	·013	·070	·024	–	·042	·060	·032	0·659
5	·084	·200	·155	·029	·010	·001	·003	·126	·091	·004	–	·042	·030	·020	·097	·031	–	·048	–	–	·092	–	·075	·012	1·150
6	·013	·017	·025	·026	·035	·005	·007	–	·015	–	–	–	–	–	·012	·010	·004	·006	·008	–	–	·029	–	–	0·212
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·004	–	–	–	–	–	–	0·004
8	–	–	–	·014	·054	·024	·017	·009	·001	–	–	–	–	–	–	·008	·032	·070	·080	·068	·150	·102	·122	·096	0·847
9	·106	·018	·048	·060	·077	·073	·042	–	–	·008	·037	·040	·006	·009	·092	·086	·083	·044	·143	·206	·154	·030	·010	·047	**1·419**
10	·050	–	·043	·010	·008	·037	·014	·001	–	–	–	–	–	–	–	–	–	·018	·044	·078	·051	·025	–	–	0·379
11	–	–	–	·002	–	–	·001	·007	–	–	–	–	·001	·002	·010	·010	·004	·005	·001	·006	·001	–	–	–	0·050
12	·003	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·004	·003	–	·001	·003	·011	0·025
13	·033	·024	·031	·025	·020	·024	[·030]	[·040]	[·040]	[·037]	–	–	–	–	–	·008	–	–	–	–	·012	·080	·080	·047	0·531
14	·162	·111	·080	·041	·023	·024	–	·014	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·455
15	–	–	–	–	–	–	–	–	–	–	–	–	·004	·045	·100	·080	·102	·067	·042	·028	·146	·102	·068	·120	0·904
16	·028	·060	·067	·083	·011	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·249
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18	–	–	–	–	–	–	–	–	·007	·003	–	–	–	–	–	–	·005	·010	·012	·023	·023	·004	·002	·006	0·095
19	·021	·013	·020	·020	·020	·009	·003	·001	·001	·005	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·113
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
23	–	–	–	–	–	–	–	·003	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·003
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·012	0·012
26	·024	·020	·044	·020	·007	·020	·025	·008	·020	·062	·023	·025	·031	·010	·047	·083	·125	·056	·063	·016	·089	–	·004	·003	0·825
27	·039	·062	·033	·005	·012	–	–	·033	–	–	–	–	–	–	·011	·021	·050	·068	·030	·017	–	·013	–	–	0·394
28	–	·010	·020	·013	·027	·012	–	–	·011	–	·007	–	·050	·063	·007	–	–	·001	·019	·088	·120	·088	·122	·143	0·801
29	·080	·014	·012	·013	·010	·015	·003	·002	·041	·006	·015	·061	·006	·028	·005	·006	·005	·017	·015	·017	·006	–	·015	·008	0·400
30	–	·020	·044	·001	·005	·002	·009	·010	–	·037	·020	·004	·040	·046	·068	·033	·052	·030	·067	·020	·004	–	·007	·011	0·530
31	·003	·050	–	–	·010	[·012]	[·010]	[·010]	[·010]	[·010]	–	–	·010	·003	–	·024	·001	·002	·009	·011	·077	·013	·041	–	0·306
SUM.	0·686	0·670	0·689	0·488	0·443	0·281	0·164	0·267	0·298	0·249	0·294	0·362	0·317	0·308	0·479	0·577	0·537	0·574	0·682	0·623	0·982	0·546	0·622	0·548	11·686

SUNSHINE. HOURS—FOR HOUR, LOCAL MEAN TIME, ENDING— JANUARY 1891.

	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	Total.	Possible.	
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·80	1
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·83	2
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·86	3
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·89	4
5	–	–	–	–	–	–	–	–	–	·58	·50	–	–	–	–	–	–	–	1·08	6·92	5
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·95	6
7	–	–	–	–	–	–	–	–	–	·12	1·00	1·00	·38	–	–	–	–	–	2·50	6·99	7
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·03	8
9	–	–	–	–	–	–	·18	1·00	1·00	1·00	1·00	·88	·32	–	–	–	–	–	5·38	7·07	9
10	–	–	–	–	–	–	·28	·02	–	·28	·11	–	–	–	–	–	–	–	0·69	7·11	10
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·15	11
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·20	12
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·25	13
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·30	14
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·35	15
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·41	16
17	–	–	–	–	–	·16	1·00	·64	·02	·88	·28	–	–	–	–	–	–	–	2·98	7·46	17
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·52	18
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·57	19
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·63	20
21	–	–	–	–	–	·18	·42	·04	·70	–	–	–	–	–	–	–	–	–	1·34	7·69	21
22	–	–	–	–	–	–	–	–	–	·06	·04	–	–	–	–	–	–	–	0·10	7·75	22
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·82	23
24	–	–	–	–	–	–	·01	–	–	–	–	–	–	–	–	–	–	–	0·01	7·88	24
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·94	25
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·01	26
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·07	27
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·14	28
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·21	29
30	–	–	–	–	–	–	–	–	·05	–	–	·01	·01	–	–	–	–	–	0·07	8·28	30
31	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·35	31
SUM.	–	–	–	–	–	0·34	1·89	1·70	1·77	2·92	2·93	1·89	0·71	–	–	–	–	–	14·15	231·43	SUM.

SUNSHINE. FEBRUARY 1891.

1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·42	1
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·49	2
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·56	3
4	–	–	–	–	–	–	–	–	–	–	·20	·79	·60	–	–	–	–	–	1·59	8·63	4
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·70	5
6	–	–	–	–	–	–	–	–	–	·78	1·00	·52	–	–	–	–	–	–	2·30	8·78	6
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·85	7
8	–	–	–	–	–	–	–	·44	·11	–	–	–	·03	–	–	–	–	–	0·58	8·92	8
9	–	–	–	–	–	·20	·22	–	–	·04	·02	·67	1·00	·32	–	–	–	–	2·47	9·00	9
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·08	10
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·16	11
12	–	–	–	–	–	–	–	·03	·40	–	–	–	–	–	–	–	–	–	0·43	9·23	12
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·31	13
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·39	14
15	–	–	–	–	–	–	·97	1·00	1·00	1·00	1·00	·84	·92	·11	–	–	–	–	6·84	9·47	15
16	–	–	–	–	–	–	·33	·22	–	–	–	–	–	–	–	–	–	–	0·55	9·55	16
17	–	–	–	–	–	·22	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·78	–	–	–	–	8·00	9·63	17
18	–	–	–	–	–	·41	·65	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·20	–	–	–	8·26	9·70	18
19	–	–	–	–	·40	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	0·80	–	–	–	–	9·20	9·78	19
20	–	–	–	–	–	·14	·93	1·00	1·00	1·00	1·00	1·00	1·00	0·92	–	–	–	–	7·99	9·86	20
21	–	–	–	–	·43	1·00	1·00	·32	·20	–	–	–	–	–	–	–	–	–	2·95	9·94	21
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·02	22
23	–	–	–	–		–	·10	·15	·90	·03	·29	–	–	–	–	–	–	–	1·47	10·10	23
24	–	–	–	–	–	·47	1·00	1·00	1·00	1·00	1·00	·95	–	·07	–	–	–	–	6·49	10·18	24
25	–	–	–	–	·42	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·83	·33	–	–	–	–	8·58	10·26	25
26	–	–	–	–	·50	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·90	–	–	–	–	9·40	10·34	26
27	–	–	–	–	·63	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·80	–	–	–	–	9·43	10·42	27
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·50	28
SUM.	–	–	–	–	2·38	6·44	10·20	10·16	10·61	9·85	10·51	10·77	9·38	6·03	0·20	–	–	–	86·53	264·27	SUM.

SUNSHINE. HOURS—FOR HOUR, LOCAL MEAN TIME, ENDING— JANUARY 1891.

	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	Total.	Possible.	
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3·80	1
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3·90	2
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4·10	3
4	–	–	–	–	–	–	–	–	·50	·12	·76	·19	–	–	–	–	–	–	1·57	4·18	4
5	–	–	–	–	–	–	–	–	·80	1·00	·84	·30	–	–	–	–	–	–	2·94	4·25	5
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4·35	6
7	–	–	–	–	–	–	–	–	·32	1·00	1·00	1·00	·03	–	–	–	–	–	3·35	4·45	7
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4·55	8
9	–	–	–	–	–	–	–	·02	1·00	1·00	·48	·33	–	–	–	–	–	–	2·83	4·65	9
10	–	–	–	–	–	–	–	–	–	·29	–	–	–	–	–	–	–	–	0·29	4·75	10
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4·80	11
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4·90	12
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	5·00	13
14	–	–	–	–	–	–	–	·37	·63	·21	·08	–	–	–	–	–	–	–	1·29	5·05	14
15	–	–	–	–	–	–	–	–	–	–	–	·20	–	–	–	–	–	–	0·20	5·10	15
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	5·15	16
17	–	–	–	–	–	–	–	·06	·30	·66	·50	–	–	–	–	–	–	–	1·52	5·20	17
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	5·23	18
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	5·26	19
20	–	–	–	–	–	–	–	–	–	·20	·54	·14	–	–	–	–	–	–	0·88	5·30	20
21	–	–	–	–	–	–	–	·36	·67	·60	·69	–	–	–	–	–	–	–	2·32	5·33	21
22	–	–	–	–	–	–	–	·43	·22	·52	·03	–	–	–	–	–	–	–	1·20	5·36	22
23	–	–	–	–	–	–	–	–	·23	–	–	–	–	–	–	–	–	–	0·23	5·40	23
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	5·45	24
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	5·50	25
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	5·55	26
27	–	–	–	–	–	–	–	·09	1·00	·51	–	–	–	–	–	–	–	–	1·60	5·60	27
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	5·65	28
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	5·75	29
30	–	–	–	–	–	–	–	·60	·86	1·00	·81	·84	–	–	–	–	–	–	4·11	5·80	30
31	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	5·90	31
SUM.	–	–	–	–	–	–	–	1·93	6·53	7·11	5·73	3·00	0·03	–	–	–	–	–	24·33	155·26	SUM.

SUNSHINE. FEBRUARY 1891.

1	–	–	–	–	–	–	–	–	·11	·40	·22	–	–	–	–	–	–	–	0·73	6·00	1
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·20	2
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·25	3
4	–	–	–	–	–	–	–	–	–	–	–	·43	–	–	–	–	–	–	0·43	6·35	4
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·40	5
6	–	–	–	–	–	–	–	–	–	·41	·28	·01	·08	–	–	–	–	–	0·78	6·45	6
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·50	7
8	–	–	–	–	–	–	·05	·84	·76	·03	·52	1·00	–	–	–	–	–	–	3·20	6·60	8
9	–	–	–	–	–	–	·02	·10	·68	1·00	1·00	·78	–	–	–	–	–	–	3·58	6·65	9
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·75	10
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·80	11
12	–	–	–	–	–	–	·10	·82	·58	·70	·68	·96	·28	–	–	–	–	–	4·12	6·90	12
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·00	13
14	–	–	–	–	–	–	–	–	–	·04	·02	–	–	–	–	–	–	–	0·06	7·10	14
15	–	–	–	–	–	–	–	·60	1·00	1·00	1·00	·78	·92	·20	–	–	–	–	5·50	7·20	15
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·30	16
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·40	17
18	–	–	–	–	–	–	–	–	–	–	·10	–	–	–	–	–	–	–	0·10	7·50	18
19	–	–	–	–	–	–	·78	1·00	1·00	1·00	1·00	1·00	1·00	·42	–	–	–	–	7·20	7·60	19
20	–	–	–	–	–	–	·80	1·00	1·00	1·00	1·00	1·00	1·00	·17	–	–	–	–	6·97	7·70	20
21	–	–	–	–	–	–	·20	·20	·20	–	–	–	–	–	–	–	–	–	0·60	7·80	21
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·90	22
23	–	–	–	–	–	–	–	–	–	–	·11	–	–	–	–	–	–	–	0·11	8·00	23
24	–	–	–	–	–	·05	1·00	1·00	1·00	1·00	1·00	·40	–	–	–	–	–	–	5·45	8·10	24
25	–	–	–	–	–	–	·65	1·00	1·00	1·00	1·00	·84	·52	–	–	–	–	–	6·01	8·20	25
26	–	–	–	–	–	·27	1·00	1·00	1·00	1·00	1·00	1·00	·52	–	–	–	–	–	6·79	8·25	26
27	–	–	–	–	–	–	·30	·88	1·00	1·00	·95	·33	–	–	–	–	–	–	4·46	8·30	27
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·35	28
SUM.	–	–	–	–	–	0·32	4·90	8·44	9·33	9·58	9·88	8·53	4·32	0·79	–	–	–	–	56·09	201·55	SUM.

SUNSHINE. HOURS—FOR HOUR, LOCAL MEAN TIME, ENDING— MARCH 1891.

	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	Total.	Possible.	
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·58	1
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·66	2
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·74	3
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·82	4
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·90	5
6	–	–	–	–	–	–	–	–	·30	·37	·21	–	–	–	–	–	–	–	0·88	10·99	6
7	–	–	–	–	·80	1·00	1·00	1·00	1·00	·90	·90	·51	·72	·86	–	–	–	–	8·69	11·07	7
8	–	–	–	–	·63	·85	1·00	1·00	1·00	·13	·30	·35	1·00	·45	·02	–	–	–	6·73	11·15	8
9	–	–	–	–	·10	·93	·94	·72	·35	·95	1·00	1·00	1·00	·73	–	–	–	–	7·72	11·23	9
10	–	–	–	·06	1·00	1·00	1·00	·80	·60	–	·06	–	–	–	–	–	–	–	4·52	11·31	10
11	–	–	–	–	·80	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·55	–	–	–	10·35	11·39	11
12	–	–	–	·20	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·90	1·00	1·00	·50	–	–	–	10·60	11·47	12
13	–	–	–	·20	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·95	1·00	·90	·35	–	–	–	10·40	11·55	13
14	–	–	–	–	–	–	·40	1·00	1·00	1·00	·95	·18	·68	·29	–	–	–	–	5·50	11·63	14
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·71	15
16	–	–	–	–	–	–	–	·10	·30	·06	–	–	–	–	–	–	–	–	0·46	11·79	16
17	–	–	–	–	–	–	–	–	–	–	–	·03	–	–	–	–	–	–	0·03	11·87	17
18	–	–	–	·20	·60	–	·02	·49	1·00	1·00	1·00	1·00	·20	–	–	–	–	–	5·51	11·95	18
19	–	–	–	·20	·78	1·00	·90	1·00	·51	–	–	·40	·70	·04	·40	–	–	–	5·93	12·03	19
20	–	–	–	–	–	–	–	·40	·61	·20	·50	·19	·40	·56	–	–	–	–	2·86	12·11	20
21	–	–	–	–	–	–	–	–	·03	·10	·03	·14	·07	–	–	–	–	–	0·37	12·19	21
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·27	22
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·35	23
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·43	24
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·51	25
26	–	–	–	–	–	–	–	·20	–	–	–	–	–	–	–	–	–	–	0·20	12·59	26
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·67	27
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·75	28
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·83	29
30	–	–	–	–	–	–	·32	–	·13	·43	·05	·05	–	–	–	–	–	–	0·98	12·91	30
31	–	–	–	·10	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·97	1·00	·80	–	–	–	**10·87**	12·99	31
SUM.	–	–	–	0·96	7·71	8·78	9·58	10·71	10·83	9·14	9·00	7·70	8·74	6·83	2·62	–	–	–	92·60	365·44	SUM.

SUNSHINE. APRIL 1891.

1	–	–	–	–	–	–	–	·38	1·00	·92	·60	·75	·95	·60	·03	–	–	–	5·23	13·07	1
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·15	2
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·23	3
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·31	4
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·39	5
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·47	6
7	–	–	–	–	–	–	–	–	·08	·62	·81	·64	·02	·08	·33	–	–	–	2·58	13·55	7
8	–	–	–	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·65	·75	1·00	·50	–	–	11·90	13·63	8
9	–	–	–	·55	·70	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·50	–	–	–	–	9·75	13·71	9
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·79	10
11	–	–	–	–	–	–	–	·70	·85	1·00	1·00	1·00	1·00	1·00	1·00	–	–	–	7·55	13·87	11
12	–	–	–	–	·64	1·00	·57	·60	·13	–	–	–	–	–	–	–	–	–	2·94	13·95	12
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·03	13
14	–	–	–	–	–	1·00	–	·10	·10	·70	–	–	–	–	–	–	–	–	1·90	14·10	14
15	–	–	–	–	–	–	–	–	–	·50	·20	–	–	–	–	–	–	–	0·70	14·18	15
16	–	–	–	–	–	–	–	–	·39	·53	·03	–	–	–	–	–	–	–	0·95	14·26	16
17	–	–	·50	1·00	1·00	1·00	1·00	1·00	1·00	·92	·84	·25	·08	·08	·10	·30	–	–	9·07	14·34	17
18	–	–	·80	1·00	1·00	1·00	1·00	1·00	1·00	·93	·40	·60	·53	·30	·35	–	–	–	9·91	14·42	18
19	–	–	·80	1·00	1·00	1·00	1·00	1·00	1·00	·82	·70	·50	–	–	·55	–	–	–	9·37	14·50	19
20	–	–	·70	1·00	1·00	1·00	1·00	·23	·13	–	·38	·10	·33	·02	·16	–	–	–	6·05	14·57	20
21	–	–	–	·04	·14	·32	·12	·21	·20	–	·23	·30	·26	·03	·92	·70	–	–	3·47	14·65	21
22	–	–	–	·40	1·00	1·00	·63	·90	·97	·32	·30	·70	·67	·54	·26	·24	–	–	7·93	14·73	22
23	–	–	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·88	·93	·90	·80	·97	·88	·05	–	–	**12·41**	14·80	23
24	–	–	–	–	–	–	–	–	–	–	–	·06	–	–	–	–	–	–	0·06	14·88	24
25	–	–	–	–	–	–	–	·48	·94	1·00	1·00	·72	·08	·04	·08	–	–	–	4·34	14·96	25
26	–	–	–	–	–	–	–	–	–	·10	·40	·62	·18	·62	·40	·01	–	–	2·33	15·03	26
27	–	–	–	–	–	–	·04	–	–	–	–	–	–	–	–	–	–	–	0·04	15·11	27
28	–	–	–	–	–	–	–	–	·30	–	·03	–	–	–	·06	–	–	–	0·39	15·18	28
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·26	29
30	–	–	–	–	–	–	–	·10	·16	·02	–	–	·01	·02	–	–	–	–	0·31	15·33	30
SUM.	–	–	3·80	6·99	8·48	10·32	8·36	9·70	11·25	11·26	9·85	9·14	6·56	5·55	6·12	1·80	–	–	109·18	426·45	SUM.

SUNSHINE. HOURS—FOR HOUR, LOCAL MEAN TIME, ENDING— MARCH 1891.

	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	Total.	Possible.	
1	–	–	–	–	–	–	–	–	·10	–	–	–	–	–	–	–	–	–	0·10	8·45	1
2	–	–	–	–	–	–	·08	–	·09	·30	·52	·50	·41	–	–	–	–	–	1·90	8·55	2
3	–	–	–	–	–	–	·26	·50	1·00	·31	·08	–	–	–	–	–	–	–	2·15	8·70	3
4	–	–	–	–	–	–	–	–	·05	·20	·18	·48	–	–	–	–	–	–	0·91	8·80	4
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·90	5
6	–	–	–	–	–	–	–	·55	·98	·96	·78	·11	·70	·07	–	–	–	–	4·15	9·00	6
7	–	–	–	–	–	·80	·90	1·00	1·00	1·00	·88	·90	·92	·46	–	–	–	–	7·86	9·10	7
8	–	–	–	–	–	·92	1·00	1·00	1·00	·95	·80	·80	1·00	1·00	·10	–	–	–	8·57	9·15	8
9	–	–	–	–	–	·92	·85	·77	·24	1·00	1·00	1·00	1·00	·55	–	–	–	–	7·33	9·20	9
10	–	–	–	–	–	1·00	1·00	·72	–	–	–	·18	–	–	–	–	–	–	2·90	9·30	10
11	–	–	–	–	–	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·18	–	–	–	9·18	9·35	11
12	–	–	–	–	·05	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·18	–	–	–	9·23	9·40	12
13	–	–	–	–	·10	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·88	·06	–	–	–	9·04	9·50	13
14	–	–	–	–	–	–	·52	1·00	1·00	·89	·52	·68	·40	–	–	–	–	–	5·01	9·60	14
15	–	–	–	–	–	–	–	–	–	–	·02	–	–	–	–	–	–	–	0·02	9·70	15
16	–	–	–	–	–	–	·04	–	·46	·88	·12	·08	–	–	–	–	–	–	1·58	9·80	16
17	–	–	–	–	–	–	–	·08	·02	·70	·57	–	–	–	–	–	–	–	1·37	9·90	17
18	–	–	–	–	–	–	·04	·47	1·00	1·00	1·00	1·00	·20	–	–	–	–	–	4·71	10·00	18
19	–	–	–	–	·28	1·00	1·00	·90	·50	–	–	·34	1·00	1·00	·32	–	–	–	6·34	10·10	19
20	–	–	–	–	–	·58	1·00	1·00	·88	·38	·04	·68	1·00	·66	–	–	–	–	6·22	10·15	20
21	–	–	–	–	–	–	–	·10	·09	·90	·48	·70	·97	·36	–	–	–	–	3·60	10·20	21
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·30	22
23	–	–	–	–	–	–	·08	·12	·18	·37	·10	·12	·45	·22	–	–	–	–	1·64	10·40	23
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·50	24
25	–	–	–	–	–	–	–	–	–	–	–	·02	·06	·16	–	–	–	–	0·24	10·60	25
26	–	–	–	–	–	·60	–	·47	·37	·32	·60	·86	1·00	·45	·08	–	–	–	4·75	10·70	26
27	–	–	–	–	–	–	·12	–	–	·02	–	·01	–	–	–	–	–	–	0·15	10·80	27
28	–	–	–	–	·14	–	·17	–	–	–	–	·20	–	–	–	–	–	–	0·51	10·90	28
29	–	–	–	–	·06	·07	–	·02	·86	·85	·90	·90	·75	·65	·01	–	–	–	5·07	11·00	29
30	–	–	–	–	·01	·60	·80	·64	·92	·84	1·00	·93	·50	·86	·66	–	–	–	7·76	11·10	30
31	–	–	–	·01	1·00	1·00	1·00	1·00	1·00	1·00	·50	·88	·92	1·00	·58	–	–	–	9·89	11·20	31
SUM.	–	–	–	0·01	1·64	10·49	11·86	13·34	14·74	15·87	13·09	14·37	14·28	10·32	2·17	–	–	–	122·18	304·35	SUM.

SUNSHINE. APRIL 1891.

1	–		–	·08	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·52	·62	·04	–	–	–	–	8·26	11·25	1
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·30	2
3	–	–	–	–	–	–	–	·22	·24	·10	·27	·20	–	–	–	–	–	–	1·03	11·35	3
4	–	–	–	–	–	–	·02	·12	·14	–	·05	–	–	–	–	–	–	–	0·33	11·40	4
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·45	5
6	–	–	–	–	–	–	·20	·12	–	·84	·88	·72	·40	–	–	–	–	–	3·16	11·50	6
7	–	–	–	–	–	–	–	–	–	·10	·62	1·00	·88	·48	·04	–	–	–	3·12	11·55	7
8	–	–	–	·55	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·90	1·00	·77	–	–	–	11·22	11·60	8
9	–	–	–	·10	·55	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·93	–	–	–	–	–	8·58	11·65	9
10	–	–	–	–	–	–	–	·02	–	·15	·96	·10	–	–	–	–	–	–	1·23	11·70	10
11	–	–	–	·62	·86	·92	·82	1·00	1·00	1·00	1·00	1·00	1·00	·73	·70	–	–	–	10·65	11·75	11
12	–	–	–	·66	1·00	1·00	1·00	1·00	·96	–	–	–	–	–	–	–	–	–	5·62	11·80	12
13	–	–	–	·38	·18	·02	·04	·82	·62	·02	–	·02	–	–	–	–	–	–	2·10	11·85	13
14	–	–	–	–	–	–	–	·46	·80	·28	–	–	–	–	–	–	–	–	1·54	11·90	14
15	–	–	–	–	·51	·42	·50	·50	·52	1·00	·23	·72	·10	–	–	–	–	–	4·50	12·00	15
16	–	–	–	–	·08	·62	·73	·95	1·00	1·00	·96	·22	·48	·78	1·00	·04	–	–	7·86	12·05	16
17	–	–	–	·92	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·78	1·00	·85	·05	–	–	11·60	12·10	17
18	–	–	–	·96	1·00	1·00	1·00	1·00	·96	·75	·60	·80	·72	·08	·62	–	–	–	9·49	12·20	18
19	–	–	·08	1·00	1·00	1·00	1·00	1·00	1·00	·72	·74	·76	–	·10	–	–	–	–	8·40	12·30	19
20	–	–	·08	1·00	1·00	1·00	·90	·60	1·00	·42	·96	·12	–	·12	·20	–	–		7·40	12·40	20
21	–	–	–	–	·02	·50	·72	–	·70	·30	·38	·30	·45	·48	·80	·08	–	–	4·73	12·50	21
22	–	–	·16	1·00	1·00	1·00	1·00	·90	·97	·38	·58	·94	·84	·42	·88	·14	–	–	10·21	12·60	22
23	–	–	·16	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·64	·90	·92	1·00	·88	·28	–	–	11·78	12·70	23
24	–	–	–	–	–	–	–	–	–	–	–	·20	·38	·09	–	–	–	–	0·67	12·80	24
25	–	–	–	–	–	0·20	·37	·50	1·00	1·00	1·00	·98	·68	1·00	1·00	·21	–	–	7·94	12·90	25
26	–	–	–	–	–	–	–	·06	·03	·33	1·00	1·00	1·00	·09	·30	·25	–	–	4·06	13·00	26
27	–	–	–	–	·38	·22	·74	·67	–	–	·03	·10	–	·06	·20	–	–	–	2·40	13·10	27
28	–	–	–	·04	·41	·57	·70	·33	·83	1·00	·70	·64	·72	·77	·26	·10	–	–	7·07	13·20	28
29	–	–	–	–	–	·07	–	–	–	–	–	–	–	–	–	–	–	–	0·07	13·25	29
30	–	–	–	–	–	·14	–	·75	·92	·74	·68	·26	·40	·09	–	–	–	–	3·98	13·30	30
SUM.	–	–	0·48	8·31	11·99	13·68	14·74	16·02	17·69	15·13	16·28	14·50	12·20	8·33	8·50	1·15	–	–	159·00	364·45	SUM.

SUNSHINE. HOURS—FOR HOUR, LOCAL MEAN TIME, ENDING— MAY 1891.

	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	Total.	Possible.	
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·40	1
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·48	2
3	–	–	–	–	–	–	–	–	·65	·05	·26	–	–	·04	–	–	–	–	1·00	15·55	3
4	–	–	–	–	–	·01	·18	·86	·42	·60	·40	·42	·88	·30	·76	–	–	–	4·83	15·62	4
5	–	–	·38	·54	·90	·72	–	·18	·98	·30	·06	–	–	–	–	–	–	–	4·06	15·70	5
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·77	6
7	–	–	–	–	–	–	–	–	·02	·18	·16	·30	·96	·44	–	–	–	–	2·06	15·84	7
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·10	·02	–	–	0·12	15·91	8
9	–	–	·06	–	–	–	·24	·80	·68	·18	·78	·50	·60	·68	1·00	1·00	·40	–	6·92	15·98	9
10	–	·40	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·18	–	**14·58**	16·04	10
11	–	–	–	·90	1·00	1·00	1·00	1·00	1·00	·14	1·00	1·00	·97	1·00	·97	·32	–	–	11·30	16·11	11
12	–	–	·60	·78	·76	1·00	1·00	·70	·18	–	·08	·90	·76	·02	·12	·02	–	–	6·92	16·18	12
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·78	·10	–	–	0·88	16·24	13
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·01	–	–	–	0·01	16·31	14
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·37	15
16	–	–	–	–	–	–	·20	·06	·03	–	·06	–	–	–	–	–	–	–	0·35	16·44	16
17	–	–	–	–	–	·08	–	·72	·88	·50	·40	–	–	–	–	–	–	–	2·58	16·50	17
18	–	–	–	·02	·92	·70	·12	·04	·10	·72	·60	·08	·08	–	·16	–	–	–	3·54	16·56	18
19	–	–	–	–	–	·28	1·00	·62	·70	·48	·36	·46	·48	–	·60	·12	–	–	5·10	16·62	19
20	–	–	–	·47	·85	·55	·72	·66	·04	1·00	·24	·82	–	·60	–	–	–	–	5·95	16·68	20
21	–	–	·18	·70	–	·06	·04	·10	·68	·54	·36	·38	·30	·40	1·00	1·00	·54	–	6·28	16·74	21
22	–	·10	·12	·10	·80	·80	·20	·14	·20	–	–	–	·20	–	–	·82	·28	–	3·76	16·80	22
23	–	·32	1·00	1·00	1·00	·82	·50	·84	·40	·28	–	·01	·16	–	–	–	–	–	6·33	16·85	23
24	–	·60	1·00	1·00	·92	·44	–	·26	·50	·86	·14	·01	·02	·48	·70	·62	·36	–	7·91	16·91	24
25	–	–	–	–	–	–	·08	·06	·02	·22	·68	·10	·18	–	·25	·74	·12	–	2·45	16·96	25
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·02	26
27	–	–	–	–	–	–	–	–	–	–	–	·02	–	–	–	–	–	–	0·02	17·07	27
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·12	28
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·16	29
30	–	–	·02	·01	–	–	–	·01	·01	·60	·58	·52	·60	·50	·92	1·00	·42	–	5·19	17·21	30
31	–	·92	·04	·01	·22	·10	·01	–	·30	·22	·14	–	–	–	–	–	–	–	1·96	17·26	31
SUM.	–	2·34	4·40	6·53	8·37	7·56	6·29	8·05	8·79	7·87	7·30	6·52	7·19	5·46	8·37	6·76	2·30	–	104·10	508·40	SUM.

SUNSHINE. JUNE 1891.

1	–	–	–	–	–	–	–	–	·30	·32	·74	1·00	·97	·56	–	–	–	–	3·89	17·30	1
2	–	·16	·12	1·00	1·00	·92	1·00	1·00	·70	·02	–	–	–	–	·20	·80	·31	–	7·23	17·34	2
3	–	·32	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·70	–	15·02	17·38	3
4	–	·82	1·00	1·00	1·00	1·00	1·00	·96	·98	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·90	–	15·66	17·42	4
5	–	–	–	–	–	–	·08	·12	·80	·50	·48	·66	·92	·76	1·00	1·00	·58	–	6·90	17·46	5
6	·30	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·88	·32	·20	1·00	1·00	·04	14·74	17·49	6
7	·20	1·00	1·00	1·00	·78	·32	·70	·92	·70	·22	·12	·52	·98	·96	·58	·40	–	–	10·40	17·52	7
8	–	–	–	·01	·64	·92	·82	·91	1·00	1·00	·92	1·00	1·00	1·00	1·00	1·00	1·00	·14	12·36	17·55	8
9	·42	1·00	1·00	1·00	1·00	1·00	1·00	·98	·78	·22	·50	·50	·82	·70	·02	·32	·03	–	11·29	17·58	9
10	·22	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·72	–	15·94	17·61	10
11	·48	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·10	**16·58**	17·64	11
12	·42	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·16	–	15·58	17·66	12
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·68	13
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·70	14
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·71	15
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·72	16
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·73	17
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·74	18
19	–	–	–	–	–	–	–	–	–	–	·02	·38	·92	1·00	1·00	1·00	1·00	·12	5·44	17·74	19
20	–	·30	·98	1·00	1·00	1·00	1·00	1·00	·70	·54	·94	1·00	1·00	1·00	1·00	1·00	·58	–	14·04	17·75	20
21	–	–	·84	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·62	1·00	·54	·30	–	–	–	11·30	17·75	21
22	–	·60	·72	·68	·98	·82	1·00	1·00	1·00	1·00	1·00	·94	·96	·66	·42	–	–	–	11·78	17·75	22
23	·28	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·74	–	16·02	17·75	23
24	–	–	–	–	·02	·78	0·03	–	–	–	–	–	–	·12	·10	–	–	–	1·05	17·74	24
25	–	·40	·44	·34	–	–	–	–	·35	·36	·16	–	·95	·15	–	–	·18	–	3·33	17·74	25
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·73	26
27	–	–	–	–	–	·04	–	–	–	–	–	–	–	–	·42	·74	–	–	1·20	17·72	27
28	–	–	·80	·88	·40	–	–	–	–	–	–	–	–	–	–	–	–	–	2·08	17·71	28
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·69	29
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·67	30
SUM.	2·32	9·60	12·90	13·91	13·82	13·80	13·63	13·89	14·31	12·18	12·88	13·62	16·40	13·77	12·24	13·26	8·90	0·40	211·83	528·97	SUM.

SUNSHINE. HOURS—FOR HOUR, LOCAL MEAN TIME, ENDING— MAY 1891.

	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	Total.	Possible.	
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·40	1
2	–	–	–	–	–	–	–	·01	–	·20	·14	·20	·32	–	·02	–	–	–	0·89	13·50	2
3	–	–	–	–	–	–	–	·03	·66	·93	·60	·40	·83	·43	·10	–	–	–	3·98	13·60	3
4	–	–	–	–	·08	·13	·52	·85	1·00	·88	·90	·33	·40	1·00	1·00	·40	–	–	7·49	13·70	4
5	–	–	·40	1·00	1·00	1·00	1·00	1·00	1·00	·99	·43	–	–	–	–	–	–	–	7·82	13·80	5
6	–	–	–	–	·20	–	–	·02	–	–	–	–	–	–	–	–	–	–	0·22	13·90	6
7	–	–	–	–	–	–	·23	·95	·98	1·00	1·00	1·00	1·00	·87	·40	–	–	–	7·43	14·00	7
8	–	–	–	–	–	–	–	–	–	–	–	·60	·10	·57	·82	·06	–	–	2·15	14·10	8
9	–	–	·19	–	–	–	·25	1·00	·98	·70	·67	·29	·49	·70	·73	·60	–	–	6·60	14·15	9
10	–	·12	·69	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·63	–	–	**13·44**	14·20	10
11	–	–	·04	1·00	1·00	1·00	1·00	1·00	·82	·35	1·00	1·00	1·00	1·00	1·00	·42	–	–	11·63	14·30	11
12	–	–	·59	1·00	1·00	1·00	1·00	1·00	·34	·27	1·00	·98	·83	·38	·52	–	–	–	9·91	14·35	12
13	–	–	–	–	–	–	–	–	–	·02	·38	·56	·07	1·00	·49	·20	–	–	2·72	14·40	13
14	–	–	–	–	–	–	–	–	–	·30	·97	·79	1·00	·88	·13	–	–	–	4·07	14·45	14
15	–	–	–	–	·09	·10	–	–	·13	–	·59	·50	·58	·81	·60	·69	–	–	4·09	14·55	15
16	–	–	–	·47	·80	·23	·30	·70	·44	·32	·22	·49	·40	·47	·13	–	–	–	4·97	14·65	16
17	–	–	–	–	·35	·90	·52	1·00	·94	·89	·96	·65	–	–	–	–	–	–	6·21	14·70	17
18	–	–	·11	·21	1·00	·50	·32	·68	·63	·65	·62	·13	·14	·22	–	–	–	–	5·21	14·75	18
19	–	–	–	·65	·60	·63	1·00	1·00	·75	·80	·68	·60	·79	·10	·05	–	–	–	7·65	14·85	19
20	–	–	·30	·66	1·00	·81	·56	·90	1·00	1·00	·80	·80	·86	·33	–	–	–	–	9·02	14·95	20
21	–	–	·41	1·00	1·00	·90	1·00	·88	·92	1·00	·90	1·00	·92	1·00	·80	·89	–	–	12·62	15·00	21
22	–	–	·70	1·00	1·00	1·00	·82	·41	·26	–	·38	·35	·50	·60	·63	·24	–	–	7·89	15·02	22
23	–	–	·63	1·00	1·00	·90	·90	·79	·32	·40	–	·21	·61	·51	·66	–	–	–	7·93	15·04	23
24	–	–	·80	·70	·61	1·00	·96	1·00	·98	·88	·77	·17	·66	1·00	·88	·90	–	–	11·31	15·06	24
25	–	–	–	–	·20	·10	·27	·47	·85	·82	·55	1·00	·60	–	–	·10	–	–	4·96	15·08	25
26	–	–	–	–	–	–	–	·26	·50	·06	–	·24	·29	·13	·24	–	–	–	1·72	15·10	26
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·12	27
28	–	–	–	–	–	–	–	–	–	–	–	–	–	·20	·01	–	–	–	0·21	15·14	28
29	–	–	–	–	–	–	–	–	–	–	–	·53	–	·17	–	–	–	–	0·70	15·16	29
30	–	–	·81	·90	1·00	1·00	1·00	·30	1·00	·99	1·00	1·00	1·00	1·00	1·00	·97	·06	–	13·03	15·18	30
31	–	·20	1·00	1·00	1·00	1·00	1·00	·50	·53	·56	·20	·02	–	–	–	–	–	–	7·01	15·20	31
SUM.	–	0·32	6·67	11·59	13·93	13·20	13·65	15·75	16·03	15·01	15·76	14·84	14·39	14·37	11·21	6·10	0·06	–	182·88	450·40	SUM.

SUNSHINE. JUNE 1891.

1	–	–	–	–	–	–	·86	–	·60	·98	·40	·91	·92	·09	·13	–	–	–	4·89	15·22	1
2	–	·36	1·00	1·00	1·00	1·00	1·00	1·00	·38	·05	·01	–	·08	·01	·52	·23	·20	–	7·84	15·24	2
3	–	·35	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·28	–	14·63	15·26	3
4	–	·44	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·30	–	14·74	15·28	4
5	–	·30	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·21	–	14·51	15·30	5
6	–	·30	·41	·51	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·93	·72	1·00	·34	–	13·21	15·33	6
7	–	–	–	–	–	–	–	[·50]	[1·00]	[1·00]	[1·00]	[1·00]	[1·00]	1·00	1·00	1·00	·40	–	8·90	15·36	7
8	–	–	·29	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·38	–	13·67	15·40	8
9	–	·62	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·90	–	–	–	–	12·52	15·45	9
10	–	·52	·93	1·00	·98	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·90	·33	–	–	13·66	15·50	10
11	–	·65	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·44	–	**15·09**	15·60	11
12	–	·61	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·90	–	–	14·51	15·70	12
13	–	–	–	–	–	–	–	–	–	–	–	–	·08	–	–	–	–	–	0·08	15·72	13
14	–	–	–	–	–	–	·07	–	·01	·02	·02	·30	·13	–	–	–	–	–	0·55	15·74	14
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·76	15
16	–	–	–	–	–	·23	–	·15	–	–	–	·02	–	–	–	–	–	–	0·40	15·78	16
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·80	17
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·81	18
19	–	–	–	–	–	–	–	–	·03	·13	–	·10	1·00	1·00	1·00	1·00	·43	–	4·69	15·82	19
20	–	–	·95	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·40	–	14·35	15·83	20
21	–	–	·78	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·60	·20	–	–	12·58	15·83	21
22	–	·50	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·98	·10	–	–	13·58	15·83	22
23	–	·61	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·44	–	15·05	15·83	23
24	–	–	–	·87	1·00	1·00	·87	–	–	·44	1·00	·85	1·00	·94	1·00	1·00	·44	–	10·41	15·82	24
25	–	·60	1·00	·92	·30	·23	·87	·77	1·00	·92	1·00	1·00	·41	–	·06	·17	–	–	9·25	15·81	25
26	–	–	·30	·72	·66	·77	·50	–	–	–	–	–	–	–	–	–	–	–	2·95	15·80	26
27	–	–	–	–	·03	·50	·34	·16	–	–	–	–	–	·17	·38	–	–	–	1·58	15·78	27
28	–	·38	1·00	·78	·88	·13	–	–	–	–	–	–	–	–	–	–	–	–	3·17	15·76	28
29	–	·50	·12	·02	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·64	15·74	29
30	–	–	–	–	–	·18	–	–	–	–	–	–	–	–	–	–	–	–	0·18	15·72	30
SUM.	–	6·74	14·78	16·82	16·85	17·04	17·51	15·58	16·02	16·54	16·43	17·18	17·62	16·04	15·29	12·93	4·26	–	237·63	468·82	SUM.

SUNSHINE. HOUR—FOR HOURS, LOCAL MEAN TIME, ENDING— JULY 1891.

	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	Total.	Possible.	
1	–	–	–	–	–	–	–	–	·02	–	–	·68	·54	·90	·94	1·00	·42	–	4·50	17·65	1
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·08	–	–	0·08	17·63	2
3	–	–	–	·03	–	–	–	–	·01	–	–	–	–	–	–	–	–	–	0·04	17·60	3
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·57	4
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	17·54	5
6	–	–	–	–	–	–	–	·37	·54	·79	1·00	1·00	·09	–	–	–	–	–	3·79	17·51	6
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·05	–	–	0·05	17·48	7
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·44	8
9	·16	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·06	·31	·08	·72	·41	·16	**12·90**	17·40	9
10	–	–	·03	·15	·35	·90	1·00	1·00	1·00	1·00	·77	·80	1·00	1·00	·76	·68	·55	·14	11·13	17·36	10
11	–	–	·50	·90	1·00	1·00	1·00	1·00	1·00	·50	·06	–	–	–	–	–	–	–	6·96	17·32	11
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·28	12
13	–	–	–	–	–	–	–	·73	·62	·60	·29	·60	·91	·80	·97	·31	·60	·33	6·76	17·24	13
14	–	–	–	–	·26	·32	·14	·40	·58	·43	·60	·46	·43	·10	·22	·03	–	–	3·97	17·19	14
15	–	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·74	·07	·05	–	–	–	11·86	17·14	15
16	–	–	–	–	·10	·82	–	–	–	·25	·46	·32	·13	–	–	–	–	–	2·08	17·09	16
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·02	1·00	·70	–	1·72	17·04	17
18	–	–	–	–	–	–	·47	·10	–	–	–	·70	·51	·15	·24	·39	·28	–	2·84	16·99	18
19	–	–	–	–	·79	·21	–	–	–	–	–	–	–	–	–	–	–	–	1·00	16·94	19
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·89	20
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·83	21
22	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–	–	–	16·77	22
23	–	–	–	–	–	·38	·98	–	–	–	–	–	–	–	–	–	–	–	1·36	16·72	23
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·66	24
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·60	25
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·54	26
27	–	–	–	–	–	–	–	–	·02	·01	–	–	–	–	–	–	–	–	0·03	16·48	27
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·41	28
29	–	–	–	–	·01	–	–	–	–	–	–	–	–	–	–	–	–	–	0·01	16·35	29
30	–	–	–	–	–	–	–	·19	·04	·41	1·00	·90	·94	·52	–	–	–	–	4·00	16·28	30
31	–	·08	·83	1·00	1·00	1·00	·80	·70	·95	·50	·63	·20	·30	·27	·10	–	·13	–	8·49	16·22	31
SUM.	0·16	2·08	3·36	4·08	5·51	6·63	6·39	6·49	6·78	6·49	6·81	7·66	5·65	4·12	3·38	4·26	3·09	0·63	83·57	528·16	SUM.

SUNSHINE. AUGUST 1891.

1	–	–	–	–	–	·32	–	–	–	–	–	–	–	–	–	–	–	–	·32	16·15	1
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·09	2
3	–	–	–	–	–	–	·13	·30	·11	·19	·52	·30	–	–	–	–	–	–	1·55	16·02	3
4	–	–	–	–	–	–	–	·05	–	·05	·19	·43	·08	·30	·13	–	–	–	1·23	15·95	4
5	–	–	–	–	·49	·55	·35	·93	·94	·52	–	·19	·23	·04	·39	·08	–	–	4·71	15·88	5
6	–	–	–	·39	·60	·76	·42	–	·01	·82	–	–	–	–	–	–	–	–	3·00	15·81	6
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·74	7
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·67	8
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·60	9
10	–	–	–	–	–	·84	1·00	1·00	1·00	1·00	·89	·90	·89	1·00	1·00	·04	–	–	**9·56**	15·52	10
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·45	11
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·38	12
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·31	13
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·24	14
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·15	15
16	–	–	–	·10	–	·24	·57	·13	·02	·13	·41	·20	·64	·21	·68	·58	·27	–	4·18	15·09	16
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·01	17
18	–	–	–	–	–	–	–	–	·33	·90	·90	·84	1·00	·74	–	–	–	–	4·71	14·94	18
19	–	–	–	–	–	–	·40	·35	·34	·40	·33	·38	·20	·61	·64	·18	–	–	3·83	14·87	19
20	–	–	–	–	–	·11	–	–	–	–	–	–	–	–	–	–	–	–	0·11	14·79	20
21	–	–	–	–	–	·03	–	·11	–	–	–	–	–	–	–	–	–	–	0·14	14·71	21
22	–	–	–	–	–	–	·14	·38	·27	·39	1·00	·69	·30	·95	·08	–	–	–	4·20	14·64	22
23	–	–	–	–	–	–	·06	·83	·75	·83	·57	·69	·55	·10	–	–	–	–	4·38	14·56	23
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·48	24
25	–	–	–	–	–	–	–	–	–		–	–	–	–	–	–	–	–	–	14·40	25
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·32	26
27	–	–	–	–	–	–	–	–	·48	·69	·37	·49	–	–	–	–	–	–	2·03	14·25	28
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·17	27
29	–	–	–	–	–	–	·04	·04	–	·05	–	–	–	–	–	–	–	–	0·13	14·10	29
30	–	–	–	–	–	–	–	–	–	–	·01	–	–	–	–	–	–	–	0·01	14·03	30
31	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·95	31
SUM.	–	–	–	0·49	1·09	2·85	3·11	4·12	4·25	5·97	5·19	5·11	3·89	3·95	2·92	0·88	0·27	–	44·09	467·28	SUM.

SUNSHINE. HOURS—FOR HOUR, LOCAL MEAN TIME, ENDING— JULY 1891.

	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	Total.	Possible.	
1	–	–	–	–	–	–	·16	·02	·10	–	·88	1·00	1·00	1·00	·64	·82	–	–	5·62	15·70	1
2	–	–	·42	·18	·10	·02	–	·10	·10	·32	·28	·60	–	–	–	·01	–	–	2·13	15·60	2
3	–	–	–	–	–	·01	·20	·20	1·00	·81	·88	·52	·40	·92	·16	·30	–	–	5·40	15·50	3
4	–	–	–	–	–	–	–	–	–	–	·10	–	–	–	–	–	–	–	0·10	15·45	4
5	–	·02	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·02	15·40	5
6	–	–	–	–	–	–	·54	1·00	·98	1·00	1·00	·78	–	–	–	–	–	–	5·30	15·36	6
7	–	–	–	–	–	–	–	–	–	–	·11	·56	·20	1·00	·90	·10	–	–	2·87	15·33	7
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·30	8
9	–	–	–	·20	·96	·46	1·00	1·00	1·00	1·00	1·00	1·00	·32	·80	1·00	1·00	·40	–	11·14	15·28	9
10	–	–	–	–	–	·20	·06	–	–	·14	–	–	–	–	–	–	–	–	0·40	15·26	10
11	–	–	–	–	–	–	·01	–	–	–	–	–	–	–	–	–	–	–	0·01	15·24	11
12	–	–	–	–	–	·01	·32	–	–	–	–	–	–	–	–	–	–	–	0·33	15·22	12
13	–	–	·01	–	–	–	·50	·90	·60	·82	1·00	·98	·72	1·00	1·00	1·00	·36	–	8·89	15·20	13
14	–	–	·52	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·70	·04	·08	·88	·30	–	11·52	15·18	14
15	–	–	–	·62	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·92	·32	·02	·06	–	–	9·94	15·16	15
16	–	–	–	–	·52	1·00	–	–	·02	·56	·96	1·00	·50	·12	·04	–	–	–	4·72	15·14	16
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·64	1·00	·11	–	1·75	15·12	17
18	–	–	–	·30	·68	1·00	·60	·10	–	–	·26	·50	·38	·20	·04	·70	–	–	4·76	15·10	18
19	–	–	·68	1·00	1·00	1·00	1·00	·50	·02	·02	·14	·68	–	–	–	–	–	–	6·04	15·08	19
20	–	–	–	–	–	–	–	–	–	–	–	·12	·06	–	–	–	–	–	0·18	15·06	20
21	–	–	–	–	–	·03	·01	·20	·05	–	·12	·07	–	–	–	·86	·02	–	1·36	15·04	21
22	–	–	–	–	–	–	–	–	·10	–	–	–	–	–	·10	–	–	–	0·20	15·02	22
23	–	–	–	–	–	·05	–	–	–	–	–	–	–	–	–	–	–	–	0·05	15·00	23
24	–	–	·02	·16	·36	·10	·20	·34	·06	·40	·08	–	–	–	–	–	–	–	1·72	14·95	24
25	–	–	–	–	–	·22	·28	·28	·10	·26	·04	–	–	–	–	·20	–	–	1·38	14·85	25
26	–	–	–	–	–	–	·28	–	·06	–	–	–	–	–	–	–	–	–	0·34	14·75	26
27	–	–	–	·36	·02	·72	·70	·98	·52	·86	·90	·08	·76	·30	·62	–	–	–	6·82	14·70	27
28	–	–	–	–	·68	·30	1·00	·90	·12	·32	–	·62	·82	·81	–	–	–	–	5·57	14·65	28
29	–	–	–	–	–	–	–	–	·30	·26	·70	1·00	1·00	1·00	1·00	·30	–	–	5·56	14·55	29
30	–	–	–	–	–	·90	1·00	·60	1·00	1·00	1·00	1·00	·60	–	–	–	–	–	7·10	14·45	30
31	–	–	–	·14	·40	·72	·20	·80	·98	·18	·28	·40	·60	–	–	·27	–	–	4·97	14·40	31
SUM.	–	0·02	1·65	3·96	6·72	8·74	10·06	9·92	9·11	9·95	11·73	12·91	8·98	7·51	6·24	7·50	1·19	–	116·19	468·04	SUM.

SUNSHINE. AUGUST 1891.

1	–	–	–	–	·30	·10	–	–	·01	–	·18	·22	·30	·22	·02	–	–	–	1·35	14·35	1
2	–	–	–	–	–	·20	·08	·18	–	–	·28	·46	·46	–	–	–	–	–	1·66	14·30	2
3	–	–	–	–	·10	·01	·30	·32	–	·10	·18	·30	–	–	–	–	–	–	1·31	14·20	3
4	–	–	·01	–	·01	·46	·32	·82	·12	·50	·82	1·00	1·00	1·00	·80	–	–	–	6·86	14·15	4
5	–	–	–	–	·28	–	·50	·68	·50	–	·06	·22	·52	·70	·32	–	–	–	3·78	14·10	5
6	–	–	·08	·98	·01	–	·20	·18	·40	·46	–	–	–	–	–	–	–	–	2·31	14·00	6
7	–	–	–	–	–	–	–	–	–	–	–	·16	–	–	–	–	–	–	0·16	13·90	7
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·80	8
9	–	–	–	–	·08	–	–	–	–	·01	–	–	·01	–	·10	–	–	–	0·20	13·70	9
10	–	–	–	·23	·20	·58	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·67	–	–	10·68	13·60	10
11	–	–	–	–	–	–	–	–	–	–	–	–	–	·06	·50	–	–	–	0·56	13·50	11
12	–	–	–	–	–	–	–	·02	·23	·11	–	·40	–	·20	·02	–	–	–	0·98	13·40	12
13	–	–	–	–	–	·72	–	–	–	–	·03	–	–	–	–	–	–	–	0·75	13·30	13
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·25	14
15	–	–	–	–	–	–	–	–	–	–	·02	–	–	–	–	–	–	–	0·02	13·20	15
16	–	–	·04	·70	·92	·98	·02	·85	·90	·90	·48	1·00	1·00	1·00	1·00	·40	–	–	10·19	13·10	16
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·00	17
18	–	–	–	–	·13	·77	·78	·18	·85	1·00	1·00	1·00	1·00	1·00	·62	–	–	–	8·33	12·90	18
19	–	–	–	·11	1·00	1·00	1·00	1·00	·46	·63	·09	·74	·60	·12	·42	·15	–	–	7·32	12·80	19
20	–	–	–	·53	·54	·26	·09	·11	–	–	–	–	–	–	–	–	–	–	1·53	12·70	20
21	–	–	–	·42	·82	·38	–	·17	·22	–	–	–	–	–	–	–	–	–	2·01	12·60	21
22	–	–	–	–	–	·21	·86	·52	·80	1·00	1·00	·50	·67	·21	·09	·12	–	–	5·98	12·50	22
23	–	–	–	–	·10	–	·02	·56	·86	·90	1·00	1·00	1·00	1·00	·18	–	–	–	6·56	12·40	23
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·30	24
25	–	–	–	–	–	·23	·39	·41	·28	–	–	–	–	–	–		–	–	1·31	12·20	25
26	–	–	–	–	–	–	–	–	·05	–	·31	·81	·98	·93	·65	–	–	–	3·73	12·10	26
27	–	–	–	·30	·30	·38	·68	·95	·79	1·00	1·00	·91	–	–	–	–	–	–	6·31	12·05	27
28	–	–	–	–	–	–	·22	·40	–	·19	·26	–	–	–	–	–	–	–	1·07	12·00	28
29	–	–	–	–	·18	·40	·36	·73	·40	·10	1·00	·40	·40	1·00	1·00	·13	–	–	6·10	11·90	29
30	–	–	–	–	–	·10	·07	·10	·13	–	·23	–	–	–	–	–	–	–	0·63	11·85	30
31	–	–	–	–	–	·10	·03	–	·30	·13	–	–	–	–	–	–	–	–	0·56	11·80	31
SUM.	–	–	0·13	3·27	4·97	6·88	6·92	9·18	8·24	8·03	8·94	10·12	8·94	8·44	6·72	1·47	–	–	92·25	404·95	SUM.

SUNSHINE. HOURS—FOR HOUR, LOCAL MEAN TIME, ENDING— SEPTEMBER 1891.

	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	Total.	Possible.	
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·87	1
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·78	2
3	–	–	–	–	–	–	·01	·48	·07	·31	·20	·73	·60	·31	–	–	–	–	2·71	13·70	3
4	–	–	–	–	–	–	·17	·17	·07	·05	·20	–	–	–	–	–	–	–	0·66	13·62	4
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·54	5
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·46	6
7	–	–	–	–	–	–	–	–	·30	–	–	–	–	·05	–	–	–	–	0·35	13·38	7
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·30	8
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·22	9
10	–	–	–	–	·54	1·00	1·00	1·00	1·00	·23	·26	·26	–	–	–	–	–	–	5·29	13·14	10
11	–	–	–	–	–	·14	·13	·31	·87	·20	·45	·35	·60	·56	·11	–	–	–	3·72	13·07	11
12	–	–	–	·81	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·91	–	–	–	**11·72**	12·99	12
13	–	–	–	–	–	·48	1·00	·75	1·00	1·00	1·00	·80	·60	–	–	–	–	–	6·63	12·91	13
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·84	14
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·76	15
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·68	16
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·60	17
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·52	18
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·44	19
20	–	–	–	–	–	–	–	–	–	·23	·10	·13	·22	–	–	–	–	–	0·68	12·36	20
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·28	21
22	–	–	–	·70	1·00	1·00	1·00	·87	1·00	1·00	1·00	1·00	1·00	1·00	·83	–	–	–	11·40	12·20	22
23	–	–	–	–	·41	1·00	1·00	·57	·10	·04	–	–	–	–	–	–	–	–	3·12	12·12	23
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·04	24
25	–	–	–	–	–	–	–	–	–	·13	–	–	–	–	–	–	–	–	0·13	11·96	25
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·88	26
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·80	27
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·72	28
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·64	29
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·56	30
SUM.	–	–	–	1·51	2·95	4·62	5·31	5·15	5·41	4·19	4·21	4·27	4·02	2·92	1·85	–	–	–	46·41	381·38	SUM.

SUNSHINE. OCTOBER 1891.

1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·48	1
2	–	–	–	–	–	–	1·00	1·00	·44	·31	·60	·92	·33	–	–	–	–	–	4·60	11·40	2
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·32	3
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·24	4
5	–	–	–	–	–	–	–	–	·02	·90	1·00	·68	·06	–	–	–	–	–	2·66	11·17	5
6	–	–	–	–	–	–		–	–	–	–	–	–	–	–	–	–	–	–	11·09	6
7	–	–	–	–	–	–	–	–	–	–	–	–	·14	–	–	–	–	–	0·14	11·01	7
8	–	–	–	–	–	–	–	–	–	–	·20	·12	–	–	–	–	–	–	0·32	10·93	8
9	–	–	–	–	–	–	–	–	–	–	–	–	·02	–	–	–	–	–	0·02	10·85	9
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·77	10
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·69	11
12	–	–	–	–	–	–	–	·05	–	–	–	·42	·10	–	–	–	–	–	0·57	10·62	12
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·54	13
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·46	14
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·38	15
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·30	16
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·22	17
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·14	18
19	–	–	–	–	–	–	–	–	–	–	–	·16	–	·05	–	–	–	–	0·21	10·06	19
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·98	20
21	–	–	–	–	–	–	–	–	–	–	·13	·23	–	–	–	–	–	–	0·36	9·90	21
22	–	–	–	–	–	–	–	·21	·93	·03	–	–	–	–	–	–	–	–	1·17	9·83	22
23	–	–	–	–	·68	1·00	·50	·24	·93	·67	·50	·33	–	–	–	–	–	–	4·85	9·75	23
24	–	–	–	–	–	–	–	–	–	·28	–	–	–	–	–	–	–	–	0·28	9·67	24
25	–	–	–	–	·75	1·00	1·00	1·00	·85	·18	·59	1·00	1·00	·23	–	–	–	–	7·60	9·60	25
26	–	–	–	–	–	–	·75	1·00	1·00	·35	·25	·50	–	–	–	–	–	–	3·85	9·52	26
27	–	–	–	–	–	–	–	·22	·80	1·00	1·00	1·00	·82	–	–	–	–	–	4·84	9·44	27
28	–	–	–	–	–	–	·54	1·00	1·00	1·00	1·00	1·00	·98	–	–	–	–	–	6·52	9·36	28
29	–	–	–	–	·59	·95	1·00	1·00	1·00	1·00	1·00	1·00	1·00	–	–	–	–	–	**8·54**	9·28	29
30	–	–	–	–	–	–	·91	1·00	1·00	1·00	1·00	1·00	·80	–	–	–	–	–	6·71	9·20	30
31	–	–		–	·40	1·00	·95	·99	1·00	1·00	1·00	·95	·32	–	–	–	–	–	7·61	9·12	31
SUM.	–	–	–	–	2·42	3·95	6·65	7·71	8·97	7·72	8·27	9·31	5·57	0·28	–	–	–	–	60·85	319·32	SUM.

SUNSHINE. HOURS—FOR HOUR, LOCAL MEAN TIME, ENDING— SEPTEMBER 1891.

	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	Total.	Possible.	
1	–	–	–	–	–	–	–	–	–	·01	–	–	·08	·05	–	–	–	–	0·14	11·75	1
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·70	2
3	–	–	–	–	·30	·60	·82	·92	·58	·60	·22	·20	·50	·18	–	–	–	–	4·92	11·65	3
4	–	–	–	–	·28	·60	1·00	·88	·34	·96	·98	·90	·86	1·00	·66	–	–	–	8·46	11·60	4
5	–	–	–	–	–	–	–	–	–	·01	–	–	–	–	–	–	–	–	0·01	11·55	5
6	–	–	–	–	–	–	·26	·72	·25	–	–	·02	–	·02	–	–	–	–	1·27	11·50	6
7	–	–	–	–	·10	·56	·36	·80	·72	·78	·78	·92	·22	·88	–	–	–	–	6·12	11·45	7
8	–	–	–	–	–	–	·02	–	–	–	–	–	–	–	–	–	–	–	0·02	11·40	8
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·35	9
10	–	–	–	·12	1·00	1·00	1·00	1·00	·28	–	·68	·40	·60	·03	·01	–	–	–	6·12	11·30	10
11	–	–	–	–	–	–	–	·32	·20	·10	–	–	·44	–	–	–	–	–	1·06	11·25	11
12	–	–	–	·18	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·30	–	–	–	**10·48**	11·20	12
13	–	–	–	–	–	–	·98	1·00	1·00	·99	·80	·92	·20	–	–	–	–	–	5·89	11·10	13
14	–	–	–	–	–	–	–	–	–	–	·46	·94	1·00	·78	·08	–	–	–	3·26	11·00	14
15	–	–	–	–	·04	·06	–	·82	·42	·10	–	–	–	–	–	–	–	–	1·44	10·90	15
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·80	16
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·70	17
18	–	–	–	–	–	·01	–	·30	·30	·48	·82	·80	·46	–	–	–	–	–	3·17	10·60	18
19	–	–	–	–	–	·02	–	·22	·10	–	·54	·22	·40	·25	–	–	–	–	1·75	10·50	19
20	–	–	–	–	–	–	–	·12	·76	·80	·10	·74	·68	–	–	–	–	–	3·20	10·40	20
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·30	21
22	–	–	–	–	·78	1·00	1·00	·90	1·00	1·00	1·00	1·00	1·00	1·00	·20	–	–	–	9·88	10·20	22
23	–	–	–	–	·58	1·00	1·00	·94	·88	·88	1·00	·08	–	–	–	–	–	–	6·36	10·15	23
24	–	–	–	–	–	–	–	–	–	·48	·80	·08	–	·08	–	–	–	–	1·44	10·10	24
25	–	–	–	–	–	–	·02	–	–	·86	·08	–	–	–	–	–	–	–	0·96	10·00	25
26	–	–	–	–	–	–	·20	–	–	–	–	–	–	–	–	–	–	–	0·20	9·90	26
27	–	–	–	–	–	·08	–	–	·48	–	·10	–	–	–	–	–	–	–	0·57	9·80	27
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·70	28
29	–	–	–	–	–	–	·05	·16	·15	·22	·15	–	–	–	–	–	–	–	0·73	9·60	29
30	–	–	–	–	–	–	·37	·68	–	–	–	–	–	–	–	–	–	–	1·05	9·50	30
SUM.	–	–	–	0·30	4·08	5·93	8·08	10·78	8·46	9·27	9·42	8·22	7·44	5·27	1·25	–	–	–	78·50	322·95	SUM.

SUNSHINE. OCTOBER 1891.

1	–	–	–	–	–	–	–	–	–	·40	·44	·20	·50	·06	–	–	–	–	1·60	9·40	1
2	–	–	–	–	–	·52	1·00	1·00	1·00	1·00	1·00	1·00	·80	·36	–	–		–	**7·68**	9·35	2
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·30	3
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·20	4
5	–	–	–	–	–	–	–	·40	1·00	1·00	·76	·02	·01	–	–	–	–	–	3·19	9·15	5
6	–	–	–	–	–	–	–	–	·08	·04	–	–	·01	·40	–	–	–	–	0·53	9·10	6
7	–	–	–	–	–	–	–	·50	·48	·10	·26	·82	·86	·12	–	–	–	–	3·14	9·00	7
8	–	–	–	–	–	·20	·60	·94	·78	·40	·52	·66	·10	–	–	–	–	–	4·20	8·90	8
9	–	–	–	–	–	·64	·36	–	–	–	·12	·08	·10	–	–	–	–	–	1·30	8·80	9
10	–	–	–	–	–	·02	·58	·44	1·00	·38	1·00	·84	·16	–	–	–	–	–	4·42	8·70	10
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·55	11
12	–	–	–	–	–	·50	·72	·78	·88	·86	·98	·40	·05	–	–	–	–	–	5·17	8·45	12
13	–	–	–	–	–	·58	·94	1·00	·90	–	–	·01	–	–	–	–	–	–	3·43	8·40	13
14	–	–	–	–	–	–	–	·40	·26	–	–	–	–	–	–	–	–	–	0·66	8·35	14
15	–	–	–	–	–	–	–	–	–	·10	–	·12	–	–	–	–	–	–	0·22	8·30	15
16	–	–	–	–	–	–	·36	·42	·01	·30	–	–	–	–	–	–	–	–	1·09	8·25	16
17	–	–	–	–	–	–	–	–	·60	·12	·14	·76	·26	–	–	–	–	–	1·88	8·20	17
18	–	–	–	–	–	–	–	·48	·02	–	–	–	–	–	–	–	–	–	0·50	8·10	18
19	–	–	–	–	–	–	·07	–	·20	·66	·96	·62	·83	·06	–	–	–	–	3·40	8·00	19
20	–	–	–	–	–	·21	·23	·54	·62	·67	–	–	–	–	–	–	–	–	2·27	7·90	20
21	–	–	–	–	–	–	–	–	–	·44	·78	·04	·11	–	–	–	–	–	1·37	7·80	21
22	–	–	–	–	–	·38	1·00	1·00	·94	–	–	–	–	–	–	–	–	–	3·32	7·70	22
23	–	–	–	–	–	·21	1·00	1·00	1·00	1·00	·92	·70	–	–	–	–	–	–	5·83	7·60	23
24	–	–	–	–	–	–	–	·07	·73	·32	·11	·36	·64	–	–	–	–	–	2·23	7·50	24
25	–	–	–	–	–	–	·86	1·00	1·00	1·00	1·00	1·00	·94	–	–	–	–	–	6·80	7·40	25
26	–	–	–	–	–	·18	1·00	1·00	1·00	1·00	1·00	1·00	·06	–	–	–	–	–	6·24	7·30	26
27	–	–	–	–	–	·11	1·00	1·00	1·00	1·00	1·00	1·00	·67	–	–	–	–	–	6·78	7·20	27
28	–	–	–	–	–	·12	1·00	1·00	1·00	1·00	1·00	1·00	·54	–	–	–	–	–	6·66	7·10	28
29	–	–	–	–	–	–	·20	1·00	1·00	1·00	1·00	1·00	·32	–	–	–	–	–	5·52	7·00	29
30	–	–	–	–	–	–	–	–	·70	1·00	1·00	·90	–	–	–	–	–	–	3·60	6·90	30
31	–	–	–	–	–	–	·58	1·00	1·00	1·00	1·00	·62	·22	–	–	–	–	–	5·42	6·80	31
SUM.	–	–	–	–	–	3·67	11·50	14·97	17·20	14·79	14·99	13·15	7·18	1·00	–	–	–	–	98·45	253·70	SUM.

SUNSHINE. HOURS—FOR HOUR, LOCAL MEAN TIME, ENDING— NOVEMBER 1891.

	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	Total.	Possible.	
1	–	–	–	–	–	–	–	–	–	·78	1·00	1·00	·50	–	–	–	–	–	3·28	9·05	1
2	–	–	–	–	·31	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·76	–	–	–	–	–	8·07	8·97	2
3	–	–	–	–	·50	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	–	–	–	–	–	**8·50**	8·90	3
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·83	4
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·76	5
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·69	6
7	–	–	–	–	–	–	–	–	–	·09	–	–	–	–	–	–	–	–	0·09	8·62	7
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·55	8
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·48	9
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·41	10
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·34	11
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·27	12
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·20	13
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·13	14
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·06	15
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·99	16
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·92	17
18	–	–	–	–		–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·86	18
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·80	19
20	–	–	–	–	–	–	–	–	·10	–	–	–	–	–	–	–	–	–	0·10	7·74	20
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·68	21
22	–	–	–	–	–	1·00	1·00	1·00	·05	–	–	–	–	–	–	–	–	–	3·05	7·62	22
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·56	23
24	–	–	–	–	–	·20	1·00	1·00	1·00	1·00	·36	–	–	–	–	–	–	–	4·56	7·50	24
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·45	25
26	–	–	–	–	–	–	–	–	–	·02	–	–	–	–	–	–	–	–	0·02	7·40	26
27	–	–	–	–	–	·50	1·00	·26	·86	·38	–	–	–	–	–	–	–	–	3·00	7·35	27
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·30	28
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·24	29
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·19	30
SUM.	–	–	–	–	0·81	3·70	5·00	4·26	4·01	4·27	3·36	3·00	2·26	–	–	–	–	–	30·67	241·86	SUM.

SUNSHINE. DECEMBER 1891.

1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·14	1
2	–	–	–	–	–	–	–	·01	·01	–	–	–	–	–	–	–	–	–	0·02	7·09	2
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·04	3
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·99	4
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·94	5
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·90	6
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·87	7
8	–	–	–	–	–	–	–	·62	·84	·01	–	–	–	–	–	–	–	–	1·47	6·85	8
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·83	9
10	–	–	–	–	–	–	–	–	–	·32	–	–	–	–	–	–	–	–	0·32	6·81	10
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·79	11
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·77	12
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·75	13
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·73	14
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·71	15
16	–	–	–	–	–	–	·10	·96	·14	·84	1·00	·88	–	–	–	–	–	–	3·92	6·69	16
17	–	–	–	–	–	–	·10	·96	1·00	1·00	·80	·40	–	–	–	–	–	–	4·26	6·68	17
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·67	18
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·66	19
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·65	20
21	–	–	–	–	–	·24	1·00	1·00	1·00	1·00	1·00	·90	–	–	–	–	–	–	**6·14**	6·65	21
22	–	–	–	–	–	·10	1·00	1·00	1·00	1·00	1·00	·92	–	–	–	–	–	–	6·02	6·65	22
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·66	23
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·66	24
25	–	–	–	–	–	–	·30	·88	·32	–	–	–	–	–	–	–	–	–	1·50	6·67	25
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·68	26
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·69	27
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·71	28
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·73	29
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·75	30
31	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·77	31
SUM.	–	–	–	–	–	0·34	2·50	5·43	4·31	4·17	3·80	3·10	–	–	–	–	–	–	23·65	210·18	SUM.

SUNSHINE. HOURS—FOR HOUR, LOCAL MEAN TIME, ENDING— NOVEMBER 1891.

	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	Total.	Possible.	
1	–	–	–	–	–	–	·11	1·00	1·00	1·00	1·00	1·00	·32	–	–	–	–	–	5·43	6·75	1
2	–	–	–	–	–	–	·58	1·00	1·00	1·00	1·00	1·00	·22	–	–	–	–	–	5·80	6·65	2
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·60	3
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·50	4
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·45	5
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·40	6
7	–	–	–	–	–	–	–	·32	·60	·80	–	–	–	–	–	–	–	–	1·72	6·35	7
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·25	8
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·20	9
10	–	–	–	–	–	–	–	·40	·44	–	–	–	–	–	–	–	–	–	0·84	6·00	10
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	5·90	11
12	–	–	–	–	–	–	–	·20	·96	·78	1·00	·36	–	–	–	–	–	–	3·30	5·80	12
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	5·75	13
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	5·65	14
15	–	–	–	–	–	–	–	–	–	–	·01	·34	–	–	–	–	–	–	0·35	5·60	15
16	–	–	–	–	–	–	–	·70	·22	–	·01	–	–	–	–	–	–	–	0·93	5·55	16
17	–	–	–	–	–	–	–	·20	·60	·40	·02	·03	–	–	–	–	–	–	1·25	5·50	17
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	5·45	18
19	–	–	–	–	–	–	–	–	–	·02	–	–	–	–	–	–	–	–	0·02	5·40	19
20	–	–	–	–	–	–	–	–	–	·48	–	–	–	–	–	–	–	–	0·48	5·36	20
21	–	–	–	–	–	–	–	·16	·48	1·00	·20	–	–	–	–	–	–	–	1·84	5·33	21
22	–	–	–	–	–	–	–	·38	·46	–	·20	·08	·01	–	–	–	–	–	1·13	5·30	22
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	5·26	23
24	–	–	–	–	–	–	–	–	–	–	·26	–	–	–	–	–	–	–	0·26	5·23	24
25	–	–	–	–	–	–	–	·02	·04	–	–	–	–	–	–	–	–	–	0·06	5·20	25
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	5·15	26
27	–	–	–	–	–	–	–	·14	·80	·75	·10	–	–	–	–	–	–	–	1·79	5·10	27
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	5·05	28
29	–	–	–	–	–	–	–	–	–	·03	·23	–	–	–	–	–	–	–	0·26	5·00	29
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4·90	30
SUM.	–	–	–	–	–	–	0·69	4·52	6·60	6·26	4·03	2·81	0·55	–	–	–	–	–	25·46	171·63	SUM.

SUNSHINE. DECEMBER 1891.

1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4·80	1
2	–	–	–	–	–	–	–	–	–	–	·24	–	–	–	–	–	–	–	0·24	4·75	2
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4·65	3
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4·55	4
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4·45	5
6	–	–	–	–	–	–	–	·04	1·00	·73	·22	–	–	–	–	–	–	–	1·99	4·35	6
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4·25	7
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4·18	8
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4·10	9
10	–	–	–	–	–	–	–	–	·03	·16	–	–	–	–	–	–	–	–	0·19	3·90	10
11	–	–	–	–	–	–	–	–	·68	·13	–	–	–	–	–	–	–	–	0·81	3·80	11
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3·75	12
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3·72	13
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3·71	14
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3·70	15
16	–	–	–	–	–	–	–	–	–	·50	1·00	·40	–	–	–	–	–	–	1·90	3·68	16
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3·67	17
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3·66	18
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3·66	19
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3·65	20
21	–	–	–	–	–	–	–	–	·82	1·00	1·00	·31	–	–	–	–	–	–	3·13	3·65	21
22	–	–	–	–	–	–	–	–	·30	·10	–	–	–	–	–	–	–	–	0·40	3·65	22
23	–	–	–	–	–	–	–	–	·31	·45	–	–	–	–	–	–	–	–	0·76	3·65	23
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3·66	24
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3·66	25
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3·67	26
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3·68	27
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3·70	28
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3·71	29
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3·72	30
31	–	–	–	–	–	–	–	–	–	·04	–	–	–	–	–	–	–	–	0·04	3·75	31
SUM.	–	–	–	–	–	–	–	0·04	3·14	3·11	2·46	0·71	–	–	–	–	–	–	9·46	121·48	SUM.

WIND. DIRECTION AND FORCE (0 to 12). JANUARY 1891.

	1		2		3		4		5		6		7		8		9		10		11		12		Max.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	SE	5-6	ESE	5-7	SE	5	ESE	6	ESE	4-5	SE	4-5	SE	4-6	ESE	3-4	ESE	3	SE	2-4	SE	4-5	SE	3-4	7
2	SSE	3	SSE	3	SSE	3	S	2-3	S	2	S	2-3	S	0-2	S	1-2	SSW	1-2	SW	1-2	SW	1-2	WSW	1-2	3
3	SW	1	W	1-2	SW	1-2	WSW	1	WSW	1	WSW	1	N	0	W	1-2	SW	1-2	SW	2	SW	1-3	SSW	1-2	3
4	N	2	N	3-4	N	2-4	N	2-3	N	2-4	N	1-4	NNE	1-3	N	2-4	NNE	2-5	NNE	1-3	N	1-4	NNE	1-3	5
5	N	2-4	N	3-6	NNE	3-6	N	4-7	N	1-4	N	1-3	NNE	1-5	Var.	1-4	NE	1-5	N	1-3	N	1-3	N	1-2	7
6	Calm	0	N	1-2	N	1	N	1-2	NNE	1-2	NNE	0-1	NNE	1	NE	0	NNE	0-1	N	0-1	NNE	0-1	NNE	1-2	2
7	NW	1	WNW	1-2	WNW	2	W	1-2	W	1-2	NW	1-2	NW	0-1	NW	0-2	WNW	0-1	W	1-2	WSW	2-3	W	2-3	5
8	SSW	4-5	SSW	4	S	4	S	4	S	4	S	3	SSE	3-4	SSW	1-4	SSW	3-5	SW	2-3	SSE	2-4	S	2-4	5
9	N	0-1	N	0-1	N	1	N	1	NNE	1-2	NNE	2-3	NNE	0-1	NNE	2-3	NE	0-1	NNE	0-1	Calm	0	Calm	0	3
10	WSW	1	SW	2	SW	1-2	SW	2	WSW	1	SW	2	SW	2	SW	2-3	SW	2-3	SW	3	SW	3-5	SW	2-5	5
11	SW	3-4	SSW	4-5	WSW	3-4	SW	3-5	SW	4-5	WSW	1-4	SW	3-5	SW	4-5	SW	2-4	SW	3-4	W	2-3	SW	1-4	5
12	NNW	1-3	N	1-2	NNW	1-2	WNW	2	WNW	2-3	WNW	1-3	WNW	3	NW	3-5	NW	3-4	WNW	3-4	WNW	3-4	WNW	3-4	5
13	W	3	W	3	NW	3	WNW	3-5	NW	2-4	NNW	3-4	NW	4	NNW	0-3	NE	0-3	N	0-3	NNE	0-2	NNE	0-2	6
14	NE	2-5	ENE	2-5	NE	2-4	NE	2-5	NE	1-4	NE	1-4	NE	1-3	Var.	0-1	ENE	1-3	NE	1-4	NE	0-3	NE	2-3	5
15	NE	1-3	NE	0-2	ENE	1-4	NNE	1-3	NE	0-3	NE	1-3	NE	2-4	NE	2-5	NNE	1-5	N	2-5	N	2-6	N	3-5	6
16	E	0-2	NE	1-3	NE	1-3	NE	0-2	ENE	0-3	NE	1-3	NE	0-2	NE	0-2	ENE	0-2	NE	0-1	NNE	0-2	NE	0-2	4
17	NNE	1-2	N	1-2	N	2	N	2	NNE	0-1	NNE	1-2	NNE	1	NNE	1-2	NE	1	NNE	1-2	E	0-1	ESE	0-1	3
18	SW	2-3	SW	2-3	SW	2	SW	0-3	SW	2	SW	2	SW	3	SW	3-4	SW	2-3	SW	3-4	SW	2-3	SW	1-2	4
19	SW	1-2	W	2-3	WSW	2	SW	2	W	2	N	3	NE	2-3	NE	0-1	NNE	1	N	0	NNW	0-2	NW	2	4
20	WNW	2-4	WNW	3-4	W	3-5	WSW	2-5	SW	3-5	W	1-4	NW	1-4	W	1-5	NW	1-6	Var.	1-4	N	0-3	NW	0-3	6
21	N	1-2	Var.	0-1	NE	0-2	N	1-2	N	1-3	NW	2-3	NNE	2-3	NNW	1-2	N	1-2	NNW	0-1	WNW	1-2	WSW	1-2	3
22	SW	0-2	WSW	2-3	NW	2-3	NW	0-3	ESE	0-2	NE	0-2	NE	3-4	N	4-5	N	3-5	N	2-4	N	2-3	NNE	1-2	5
23	SSE	3-4	SE	4-5	SE	5	SSE	4-5	S	4-5	S	5	SW	3-4	WSW	1-3	WSW	1-3	WNW	1-3	SSW	3-4	WSW	2-4	5
24	NW	1-2	WNW	1-3	WNW	2-3	WNW	2	SW	2-3	SW	1-2	SW	1-2	N	0-1	NNW	1-2	N	0-2	Calm	0	NE	0	3
25	NE	1-3	NE	0-2	NE	1-3	NE	1-3	NE	0-2	Var.	0-2	ENE	0-1	N	1-2	ENE	0-1	N	1-2	WNW	2-3	NW	3-4	5
26	WSW	3	WSW	3-5	WSW	3-5	WSW	2-5	WSW	2-5	WSW	2-4	WSW	1-4	SW	1-5	SW	1-5	SW	1-4	SW	2-5	SW	2-5	7
27	WSW	1-4	WSW	1-4	W	1-3	WSW	1-3	W	1-4	WSW	2-4	NW	2-3	WNW	1-3	N	1-2	NW	0-1	NNW	0-1	NW	0-1	4
28	SSW	3	S	2-3	SSE	3-4	SSE	3	S	4	SSE	2-3	SW	2-4	SSW	2-4	SW	1-4	SW	2-4	SW	2-4	W	1-3	4
29	SSW	4	S	4	S	4	S	4-5	S	4-5	SSW	1-3	S	5-6	SSE	6-9	SSE	7-9	SSE	5-8	SSE	7-8	SE	8	9
30	SSW	3	SSW	3	SSW	2-3	SSW	2-3	SSW	2-3	SW	2-3	S	2-3	SW	2-3	SW	2	WSW	2-3	SW	2-3	SW	2-3	4
31	SE	5	SE	4-6	SE	7-8	ESE	6-8	SE	6-8	SE	8-9	SE	10-11	SE	9-11	SE	7-10	SE	4-6	SE	2-3	SSW	3	11
MEAN		2·42		2·74		2·85		2·81		2·63		2·50		2·66		2·65		2·50		2·22		2·29		2·24	

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Force
1	SSE	2-3	SSE	3	S	3	S	4	S	2-3	S	1-3	S	2-3	SSE	3-4	SSE	3	SSE	3	S	3	S	3	3·7
2	SW	1-2	SSW	1-2	SSW	1	SSW	2	SSW	0-2	SW	0-1	SSW	1-2	SW	1	SW	1-2	SSW	1-2	SSW	1	SW	1	1·6
3	SSW	1-2	SSW	1-2	SW	1	WSW	1	SW	1-2	WNW	1	N	1-2	NNE	1	NE	0-1	Var.	0-1	N	0-2	NNE	1	1·2
4	Var.	0-2	N	2-4	N	2-4	N	1-4	NNW	2-5	N	1-5	N	1-4	N	1-3	N	2-4	N	2-4	N	2-5	N	2-5	2·7
5	N	1-3	NNE	1-3	N	1-4	NNE	3-4	N	1-3	N	0-2	NNE	1-2	NNE	2	NNE	1-2	N	1	N	0-1	NE	0-1	2·3
6	NW	0-1	NW	0-1	N	1	N	1-2	N	1	N	1	N	1	N	0-1	NNW	1	N	1	NNW	1	NW	1	0·9
7	SW	2-3	SW	2-3	SSW	2-3	SW	3	SW	2-3	SW	2-3	SSW	2-3	SSW	3	SSW	2-3	SW	2-3	SSW	4-5	SSE	4-5	2·2
8	S	2-3	SE	3	SSE	2-3	SSE	2-3	SSW	2	SSW	2	SSW	0	Calm	0	Calm	0	N	0-1	N	1	NE	0-1	2·4
9	NW	0-1	NW	1	NW	1	W	1	NNW	1-3	NNE	2-3	N	1	N	0-1	NW	1	WNW	1	WNW	1-2	WNW	1-2	1·1
10	SW	4-5	SSW	3-4	SW	4-5	S	3-4	SSW	4	SW	4-5	SW	2-4	SW	3-5	SW	3-5	SW	4-5	SW	3-4	SW	3-4	3·1
11	SW	3-4	SW	3	SW	3	WSW	2-3	WSW	0-3	SW	2-3	SW	3-4	W	1-3	W	2-3	WNW	1-3	NW	1-3	WNW	0-2	3·0
12	WNW	3-4	W	3	NNW	1-2	NW	2-3	NW	1-3	NW	3-4	WNW	4	WNW	2-3	WNW	2-3	WNW	3-4	W	3-4	W	4	2·8
13	N	0-2	N	1-3	NE	2-3	N	2-3	NE	0-4	NE	0-5	NE	0-5	NE	2-5	NE	2-5	NE	2-4	NNE	3-6	NE	3-6	2·7
14	Var.	0-1	N	0-2	ENE	2-3	NE	1-3	ENE	0-2	ENE	0-2	ESE	0-2	ENE	2-3	NE	1-3	NE	2-3	NNE	1-3	ENE	1-3	2·1
15	NNE	3-5	NE	2-4	NE	1-3	NNE	2-3	NE	0-3	Var.	0-2	N	0-2	NE	1-3	NE	2-4	ENE	1-3	NE	1-3	E	1-3	2·4
16	N	2-4	N	2-4	NNE	2-4	N	1-4	NE	0-3	NNE	1-3	N	0-1	NE	0-2	NNE	1-3	Var.	0-1	NNE	1-2	Var.	0-1	1·5
17	NE	2	SSE	1	SE	1-2	SE	1-2	SE	2	SE	3	SSE	2	S	2-3	S	3	SSW	3	SW	3	SW	2-3	1·8
18	SW	3	SW	2-3	SW	3	WSW	2-3	W	2	WNW	2	W	2-3	W	3	WNW	3	W	2-3	WSW	2-3	SW	2	2·5
19	NW	0-1	NNW	1-2	WNW	2-3	WNW	1-2	WSW	2-3	WNW	0-4	W	0-3	WNW	2-3	W	2-4	W	2-3	WNW	3	WSW	4	2·0
20	WNW	1-3	WNW	0-2	WNW	1-2	NW	1-3	W	0-2	Calm	0	Var.	0-2	NW	0-2	NNW	0-2	WNW	0-2	Var.	0-2	N	1-2	2·0
21	SW	2-3	SW	2	SW	2-3	SW	2-3	WSW	1-2	SSW	0-3	SSW	1-3	WSW	1-2	WNW	1-3	WNW	0-1	NW	1	W	1-2	1·6
22	N	0-2	N	1-2	N	1	NNW	1-2	N	0-1	Calm	0	SSW	2	SSE	2	SSE	1-2	SSE	2	SSE	3	SE	3-4	2·0
23	W	1-3	WSW	3-5	WNW	2-4	NW	2-4	WNW	0-2	NW	1-3	S	1-2	NW	1-3	NW	1-2	NW	2	WNW	1-2	NW	0-2	2·8
24	N	1-2	NW	1	NW	0-1	NW	0-1	NW	0	NNW	1	NNE	1-2	NW	1	NNW	1	N	1-2	N	1-2	NE	1-2	1·2
25	WSW	1-4	SW	3-4	SW	3-4	SW	2-3	SW	1-4	SW	3-4	SW	4-5	SW	2-4	SW	3-5	WSW	1-4	WSW	3-4	WSW	3	2·4
26	SW	1-6	SW	1-5	SW	3-6	SW	4-6	SW	3-6	SSW	2-7	SW	1-3	SSW	3-7	SW	3-6	SW	2-5	WSW	2-5	WSW	2-5	3·6
27	NW	1-2	NW	2-3	NNW	1-2	NW	2	N	1-3	SW	2-3	W	0-2	SW	2-3	SW	2-3	SW	3	SW	2-3	SW	2-3	2·0
28	W	1-4	WSW	2-4	WSW	2-3	SW	3	W	2-4	SW	2-4	WSW	1-4	W	2-4	WSW	3-4	WSW	2-3	SW	2-3	SW	3	2·9
29	SE	6-7	SW	3-4	W	1	WSW	1-2	W	2-3	SW	1-2	SW	1-3	W	1-2	WSW	2-3	WSW	2	SW	2	SW	2	3·9
30	SW	1-2	SW	0-1	S	2-3	S	2-3	SW	2-3	SW	2-3	S	3	SW	3	SW	3-4	S	3-4	S	3-4	SSE	4	2·6
31	SW	1-3	WNW	1-2	NW	1-2	WNW	2-3	N	0-1	W	0-1	W	1-3	NNW	1-3	NE	1-3	NE	1-3	N	0-3	N	1-3	4·1
MEAN		2·23		2·21		2·23		2·35		1·92		2·00		1·95		2·15		2·32		2·13		2·29		2·31	2·36

N 99. NNE 48. NE 65. ENE 13. E 3. ESE 9. SE 27. SSE 29. S 37. SSW 44. SW 134. WSW 52. W 42. WNW 49. NW 51. NNW 21. Calm or Var. 21.

WIND. DIRECTION AND FORCE (0 to 12). FEBRUARY 1891.

	1		2		3		4		5		6		7		8		9		10		11		12		Max.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	NNE	0-1	N	1-3	N	1-3	N	0-1	N	1-2	NW	1-2	NW	2-3	NW	0-1	W	1	WNW	1	NW	0-1	WNW	0-1	4
2	W	3-4	WSW	2-4	W	2-4	W	3-4	WSW	3-5	SW	3-5	W	2-4	SW	4-5	SW	4-7	SW	2-5	SW	2-6	SW	3-6	7
3	WNW	2-6	W	3-6	WNW	2-5	WNW	2-5	WNW	2-3	NW	1-3	WNW	1-3	W	2-3	WNW	2-3	W	2-3	WNW	1-2	WNW	1-2	6
4	S	1	SW	1-2	SW	1	SW	1	SW	0-1	WSW	1-2	WSW	1-2	W	1-2	SW	2	SW	2-3	SW	3	SW	3	4
5	SW	2	WSW	2	SW	2	W	3	W	2	W	1-2	WNW	1-2	WSW	1-2	W	1-2	W	1-2	WSW	1-2	W	0-1	3
6	NW	3-4	W	4-5	WSW	4	W	2-3	WSW	1-2	W	0-1	N	1	NNW	0-1	NW	1-2	WNW	1-2	WNW	1-2	WSW	1-2	5
7	NW	1	WSW	1-2	S	2	SSW	1-2	SSW	2	SW	0-2	SSW	1-2	S	2-3	SW	2-3	SW	2-3	SW	2-3	SSW	3-4	4
8	N	1-2	E	0-2	N	1-3	N	1-3	ENE	0-2	NE	1-2	NE	0-2	N	1-2	E	0	N	0-1	NW	0-1	NW	0-2	3
9	WSW	3	SW	3	SW	3	SW	3	SW	3	SSW	3	SW	3-4	SSW	3	SW	1-2	SSW	2	SW	0-1	SW	1-2	4
10	SW	2-3	SW	3-4	SW	2-3	WSW	2-3	SW	2-3	SW	1-2	SW	0-2	SW	1-2	SW	2-3	SW	1-2	SW	1-2	SW	2-3	6
11	W	3-5	W	3-7	W	2-5	W	2-5	W	2-3	WNW	2-4	WNW	2-3	W	3-4	W	3-4	WNW	3-4	W	2-4	SW	2-5	7
12	N	0-1	N	1	N	1-2	N	1-2	N	1-2	NW	0-1	N	0-1	NW	1-2	N	0-1	NNE	1-2	NNE	1-2	N	1-2	2
13	N	1-2	N	0-1	N	0-1	N	1-2	NNE	1-2	N	1-2	N	1-2	NNW	1-2	WNW	0-1	SW	2	SW	2-3	SSW	2	3
14	NW	0-2	N	1-2	NW	1-2	NW	0-1	NNW	1-2	NW	1-2	N	1-2	NE	1-2	NW	1-2	WNW	1	NNW	2	NW	2	4
15	SW	3-4	SW	3	SW	3-4	SW	3	SW	3	SW	2-3	SW	2	SW	2	SW	1-2	SW	2-3	SW	3	SW	3	4
16	WNW	2-3	W	3	NW	0-1	NW	2	WSW	0-1	W	1	W	1	W	1	WSW	1	SW	1-2	SW	1	SW	1	3
17	SSW	2-3	SSW	3	SSW	3-4	SW	3-4	S	3	SW	3	SW	3	SSW	3	SSW	2	SW	2	WSW	3	W	3	4
18	W	4	W	3-4	WSW	3-4	WSW	3	WSW	3	WSW	3	SW	3-4	SW	3	SW	3	WSW	2-3	SW	2	SW	3	5
19	W	4-5	W	4-5	W	3-4	W	3	W	2	WSW	2	SW	1-2	SSW	1	S	1	S	2	SSE	3	SE	3	5
20	SSW	4-5	SSW	4	SW	4	SW	4	S	3-4	SW	2-3	SSW	2-3	S	3	S	3	S	3	S	3-4	S	3-4	5
21	SE	4-5	SE	5	SE	5	SE	5	SE	4-5	SE	3-4	ESE	3	ESE	3	SE	3	S	3	S	3	S	3	5
22	SSE	4	SW	3-4	S	4	S	4-5	SSE	6	S	6-7	S	7	SSE	8	SE	6-7	SE	6	SSE	6	S	5-6	8
23	SSW	4-6	SSW	5-7	SSW	6-7	SW	4-7	SSW	4	SSW	5	SW	4-6	SSW	4-7	SSW	5-6	SW	4-5	SW	3-5	S	5-6	7
24	SSW	4	SW	4	SW	2-3	WSW	2-4	WSW	3-4	WSW	4	SW	4	SW	4	WSW	4-5	WSW	3-5	W	2-5	W	2-5	5
25	S	3-4	S	2-4	S	3	S	4	S	4-5	S	4	S	4	S	5	S	4	S	3-4	S	4	S	4	5
26	SSE	3	S	3	S	2-3	S	3-4	S	3-4	S	3	S	3-4	SE	3-4	SE	3	SSE	3-4	S	3-4	SSE	3	4
27	SW	1	WSW	1	W	1-2	W	2	W	1	WNW	2	W	1	W	2	W	1	SW	1	WSW	1-2	SW	1-2	4
28	WSW	1-3	SW	3-4	WSW	1-3	WSW	3-4	SSW	3	SW	3-4	WSW	4	SW	3-5	SW	3-6	SW	4-6	SW	3-6	WSW	3-6	6
MEAN		2·79		3·02		2·77		2·84		2·59		2·50		2·48		2·70		2·50		2·54		2·55		2·71	

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Force
1	NNW	1	NW	2	NW	0-2	WNW	2-3	WSW	2	SW	2-3	WSW	2-3	SW	2-3	WSW	3-4	WSW	2-4	WSW	3-4	W	2-4	1·8
2	WSW	2-6	SW	3-5	WSW	3-5	WSW	2-5	SW	2-5	SW	2-5	W	2-6	W	2-5	W	2-6	WNW	2-6	W	2-6	NW	2-5	3·8
3	NW	0-1	NW	1-2	N	1	N	1-2	N	1	N	1	N	1-2	N	0	NNW	0	NNW	0-1	Calm	0	Calm	0	1·8
4	SW	2	SW	2	WSW	3	W	4	W	3-4	W	1-3	W	1-3	W	1-2	WSW	1-2	SW	2	SW	1	SW	3	2·0
5	WNW	1-2	W	0-1	NW	1	WNW	2	NW	0-1	NW	0-1	NNW	0-1	NW	1	NW	0-1	NW	1-2	NNW	1	NW	2-3	1·4
6	W	1-2	W	2	WSW	3-4	WSW	4	WSW	2-3	SW	3	SW	3	SW	3-4	SW	4	SW	3	WSW	3	WSW	3	2·5
7	SSW	1-2	SW	3	SW	3	W	3-4	WNW	1-3	WNW	1-3	WNW	1-3	SW	3	W	2-3	W	2-3	W	2-3	NW	2	2·2
8	NW	1	N	1	NNW	1	NW	1	WNW	1-2	WNW	2	W	2	W	2-3	WNW	2	WSW	2	SW	2	SW	2	1·4
9	WSW	1-2	SW	2-3	WSW	2-3	SSW	3	SW	2-3	SW	1-2	SSW	3	SW	1-2	SW	2-3	SW	3	SW	3	SW	3	2·5
10	SW	2-3	SW	2-3	WSW	3	WSW	2-3	SW	2-3	SW	3-5	SW	2-5	SW	2-5	SW	5-5	SW	3-6	WNW	2-5	NW	4-6	2·8
11	SW	1-5	WSW	2-6	W	2-6	WNW	2-5	N	1-3	N	1-3	NE	0-1	NNE	1-4	N	2-6	N	0-2	NE	0-2	ENE	0-1	2·9
12	NE	0	N	0-1	N	0-1	N	1	NNE	1-2	Calm	0	N	1-2	NNE	1	N	1-2	N	1-2	N	1-2	NE	1-2	1·1
13	S	3	S	2-3	S	3	SSW	2-3	SSW	2-3	SW	2	W	2	WNW	1-2	WSW	2	WNW	1-2	N	0-2	NW	1-2	1·7
14	Var.	0-2	W	1-2	W	0-1	W	0-1	W	3	W	2-3	WNW	3-4	N	2	N	1-2	W	2-3	WSW	1-2	SW	3	1·7
15	SW	3	WSW	3	WSW	4	SW	3-4	WSW	3	WSW	2	SW	2-3	SW	3-4	SW	3-4	SW	3-4	SW	4	SW	3	3·0
16	SW	1	N	0-1	WSW	2	W	2	W	1	WSW	0-1	W	0	SW	1-2	SSW	2	WSW	1-2	SSW	2	SSW	2-3	1·4
17	W	3	W	3	W	3-4	SW	3	WSW	3	WSW	3	WSW	3-4	WSW	3	SW	3-4	W	4	W	4	W	4	3·1
18	WSW	3	SW	2-3	WSW	3-4	WSW	4	WSW	3-4	W	4	WSW	4-5	W	4-5	W	4-5	W	5	W	4-5	W	4-5	3·5
19	SE	3	SSE	3-4	S	3-4	SW	2-3	S	2-3	S	3-4	S	4	SSW	4	SSW	4-5	SSW	4	SSW	3-4	SSW	4	3·1
20	S	2-3	S	3	SSW	2	SSW	2	S	1	S	1	S	2	S	3	S	3	SSE	3-4	SSE	2-3	SE	3-4	2·9
21	SSW	2-3	S	4	S	3-4	S	3-4	S	3	S	2	SSE	3	S	3	SSE	3-4	SSE	4	SSE	4-5	SE	4	3·6
22	SSW	4-5	S	4-5	SSW	4-6	SSW	3-5	SSW	3-4	S	5-6	S	3-4	SW	3-5	SSW	4-5	S	4-6	SW	4-6	SW	4-7	5·1
23	SSW	3-5	WSW	4	SSW	4-5	WSW	2-4	SW	4	SW	4	SW	4	SW	4	SW	4	S	3-5	SW	4	SSW	4-5	4·6
24	W	2-5	SW	4-5	SSW	4	SSW	3-5	SW	3-5	S	2-4	SSW	2-4	SW	4-5	SW	4-5	SSW	3-5	SSW	1-4	SSW	3-4	3·7
25		3-4	S	2-3	S	4	SSE	4	S	4	S	3-4	S	3	S	2-3	S	2	S	2	SSE	2-3	S	3	3·5
26	SSE	2-3	SSE	2-3	SSE	2-3	SE	2-3	S	2	SSE	0-1	S	1	S	1-2	S	2	S	2	SW	1-2	SW	1	2·5
27	S	1-2	S	2-3	S	2-3	S	2-3	SSW	2	SW	3	SW	3	SSW	2-3	SW	2	WSW	2-3	SW	2-3	W	2-4	1·9
28	WSW	3-5	WNW	1-4	WSW	2-4	WSW	3-4	WNW	2-4	W	0-2	WNW	0-2	NNW	1-3	N	2-3	N	0-3	NW	2-3	NW	3-4	3·1
MEAN		2·34		2·57		2·80		2·82		2·50		2·32		2·48		2·61		2·89		2·82		2·64		2·96	2·66

N 50. NNE 7. NE 7. ENE 2. E 2. ESE 2. SE 16. SSE 21. S 85. SSW 58. SW 160. WSW 79. W 91. WNW 33. NW 39. NNW 11. Calm or Var. 4.

WIND. DIRECTION AND FORCE (0 to 12). MARCH 1891.

	1		2		3		4		5		6		7		8		9		10		11		12		Max.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	W	2-4	WNW	3	N	2-3	NW	2	N	2-4	N	2-4	NW	0-3	N	2-4	N	2-4	N	2-4	N	1-2	NNW	1-3	5
2	N	1-2	N	2-4	NW	2-4	NNW	2-4	N	2-5	N	2-5	N	2-4	NNW	1-4	WNW	0-3	WSW	1-4	NW	1-4	WNW	1-5	6
3	N	1-2	NE	1-3	NE	1-4	NE	2-4	WNW	2-5	N	2-5	NE	2-5	N	5-8	NE	3-6	NE	3-5	NNE	2-5	ENE	2-7	8
4	N	1-3	NW	1-3	NW	2-3	N	1-3	N	1-4	N	1-4	NW	2-5	N	2-4	NNW	1-4	N	1-5	NW	1-5	NW	3-6	7
5	ENE	4-6	N	2-6	N	4-6	NE	2-6	E	2-4	E	2-4	E	1-2	Var.	0-2	NW	1-2	NW	1-3	W	1-3	N	0-2	6
6	Var.	1-5	N	3-6	N	1-3	NNE	2-3	ENE	2-3	NE	2-3	ENE	2-3	NE	1-3	NE	0-2	ENE	1-3	NE	1-3	NE	1-3	6
7	NE	0-1	N	1	N	0-1	N	0-2	N	1	N	0	E	0	N	1	N	0	N	0	N	0	N	0	3
8	N	1-2	N	2	N	2-3	N	3	N	3	N	3	N	3-4	N	3	NNW	3	N	0-1	N	1-3	N	2-3	4
9	Var.	0-2	N	2-4	N	3	N	2-3	N	1-2	NE	2-3	NE	2-3	NNE	2-3	N	2-3	N	2	N	2	N	2	4
10	N	2-3	N	2-3	Var.	0-1	N	2-3	N	2-3	N	1-2	N	1-2	N	2	N	2-3	N	2-3	NNE	2-3	N	2	4
11	N	3-5	N	3-5	N	3-4	NE	2-3	NNE	3-5	N	4	N	2-3	N	3	N	4	NE	0-2	Calm	0	N	0-1	5
12	N	0-1	ENE	1	NE	0-1	N	0-1	N	2	N	2	N	1-2	N	2	N	2	NE	2	N	2	NNE	2-3	3
13	S	1	SSW	0-1	SW	1	W	1-2	W	2	W	2	WSW	2	SW	2	SW	2	SSW	2	SW	3	SSW	1-2	4
14	SSE	3	SE	2-3	SE	3	SE	3	SE	3-4	SSE	3	SSE	4	SSE	4	SSE	4	SSE	3-4	SSE	3	SSE	4	4
15	SE	5	SE	5	SE	7	SE	8-9	SE	7-8	SE	9-10	SE	11	SE	11-12	SE	10-11	ESE	11-12	ESE	11	ESE	10-11	12
16	ESE	6-9	ESE	6-8	NE	1-5	ESE	5-7	E	3-7	ESE	5-7	NE	2-4	N	4-7	ENE	3-6	NE	3-6	NNE	3-7	N	3-6	9
17	N	3-6	NNE	5-7	N	1-5	N	2-6	NNE	2-4	N	3-5	NE	3-6	N	3-5	NNE	2-5	NE	4-6	NE	3-6	NE	2-6	8
18	ESE	4-5	E	3-4	E	2-3	E	1-3	N	1	ENE	1	N	1	N	1-2	N	1	N	1	N	1-2	N	1	5
19	NNE	3	N	3-5	NE	2-5	N	2-6	N	4-5	NW	2-5	N	3-5	N	3-6	N	4-6	N	3-5	N	4	N	2	6
20	NE	2-4	NE	3-5	NE	2-4	NE	1-4	N	1-4	N	2-3	N	2-4	N	2-5	NE	2-6	NE	2-6	NNE	5-7	NE	4-7	7
21	NE	2-3	N	2-3	NE	1-3	N	2-3	N	1-3	NNE	2	NNE	1-2	NE	1-2	N	1-2	N	1-3	N	1-3	NE	1-2	3
22	Calm	0	SW	0-1	W	0-1	NW	0-1	NW	0	Calm	0	Calm	0	Calm	0	SW	1	SW	0-1	S	0-1	S	0	2
23	S	1-2	W	1-2	W	2	SW	2	S	2	SW	1-2	SW	2	SW	2-3	SW	2-3	W	1-2	WSW	2	WSW	2	4
24	NW	1	SW	1	NW	1-3	NW	0-2	SW	2	SW	1-2	W	1-2	WNW	2-3	NW	1-2	NW	0-1	WNW	2	NW	0-1	3
25	W	1-3	W	0-1	W	1-3	NW	1-3	WNW	1-2	W	1	W	1	WNW	1-2	W	1-3	WSW	2-3	SW	2	WSW	1-3	3
26	NE	1-3	NE	1-3	N	2-4	N	2-3	N	3	N	2	NNW	2-3	N	1-3	N	1-3	N	2-3	N	3	N	2-3	4
27	N	2-3	N	2-3	N	3	N	2-3	N	1-3	NNW	1-3	N	3-5	N	2-4	N	3-4	N	3-4	N	2-4	N	2-4	5
28	ENE	2-3	ENE	2-4	ENE	2-4	ENE	2-3	NE	2-4	NE	2-3	NE	1-2	NE	1-3	NE	2-4	ENE	2-3	N	1-3	NNE	2-4	6
29	NE	1-3	NNE	2-5	ENE	2-4	NE	1-3	ENE	2-3	N	2-4	NE	2-4	N	3-4	N	2-4	N	2-3	N	3-4	N	2-4	5
30	NE	2-5	N	2-4	NE	2-4	ENE	2-4	N	2-4	NNE	2-4	N	1-3	ENE	1-2	N	1-3	NE	1-3	ENE	1-3	N	1-2	5
31	W	0-1	N	1-2	N	2	N	3	N	2-3	NE	1-2	N	1-2	N	1-2	N	1-2	E	2	ESE	2	SE	2	3
MEAN		2·50		2·77		2·56		2·69		2·73		2·66		2·58		2·89		2·77		2·65		2·71		2·60	

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Force.
1	N	2-4	WNW	2	NW	1-3	NW	3	N	1-3	NW	2-4	NW	2-5	WNW	2-4	WNW	2-4	WNW	2-5	W	2-4	NW	2-4	2·7
2	NW	2-5	NW	1-4	N	1-5	N	1-4	NW	2-5	NNW	2-6	N	2-4	N	1-4	N	1-2	Var.	1-2	N	1-3	NNE	1-3	2·8
3	NE	2-6	NE	2-4	NNE	1-4	NE	1-4	NE	1-4	NNE	2-6	N	3-6	NNE	2-4	N	1-3	E	0-3	NNE	2-3	N	2-3	3·2
4	N	2-7	N	1-6	N	1-5	NE	1-4	NE	2-6	NE	2-6	NE	2-6	NE	1-4	NE	2-4	N	1-4	N	1-2	N	4-6	3·0
5	NNW	1-3	WNW	2-4	WSW	2-4	Var.	1-3	NW	1-3	NW	2-3	W	2-3	W	2-4	NNW	1-2	N	1-3	N	1-3	N	1-4	2·5
6	NE	1-3	N	1-2	N	1-3	N	1-3	NNE	1-2	E	1-2	N	0-1	ENE	0-1	NE	0-1	N	2-3	N	2-3	N	0-1	1·9
7	N	0	W	1	N	0-1	NE	1-2	N	1-2	N	0	N	2-3	N	2-3	N	2-3	N	2-3	N	2	N	1-2	1·0
8	Calm	0	NW	0-1	N	2	NNW	1-2	N	2-3	N	2	N	1	N	3-4	N	4	N	3-4	N	3-4	N	2-4	2·4
9	N	2-3	N	2	N	2-3	N	3	N	1-2	NNW	2	NNW	2	N	2	N	2	N	2	N	3	N	2	2·2
10	N	2	NE	2-3	N	0-2	N	2-3	NNW	2-3	N	3-4	N	3-4	N	3-4	N	3-4	N	2-4	N	2-4	Var.	1-3	2·4
11	Calm	0	N	1	Calm	0	N	1-2	N	0-1	N	0-1	NE	0-1	NE	0-1	E	1	NE	0-1	ENE	0-1	E	1	1·7
12	N	0-1	Calm	0	Calm	0	N	0-1	N	1	Calm	0	N	0	N	0	Calm	0	N	0-1	N	0	Calm	0	0·9
13	S	2	S	2-3	SSW	2	S	1-2	SSW	2	S	3	S	3	SSW	2-3	SSE	3	SE	3	SSE	3-4	SSE	3-4	2·1
14	SSE	3	S	2-3	S	3	SSE	3	S	3	S	3	S	3	S	3	SSE	3-4	SSE	3-4	SSE	3-4	SE	4	3·3
15	SE	9-10	SE	8-9	SE	9	ESE	8-9	SE	8-9	ESE	8-9	ESE	8	E	7	ESE	8	E	8	E	7-9	E	8-10	3·7
16	NE	3-7	N	3-5	NNE	2-5	NE	3-5	N	2-5	N	2-6	N	3-5	N	3-5	N	4-6	N	3-6	N	3-6	NNE	5-7	4·7
17	E	5-8	E	3-4	E	3-4	E	4	NE	3-5	ENE	3-6	E	6	ENE	3-4	E	4-5	E	4	E	4-5	ESE	4-5	4·3
18	N	1	Var.	0-1	N	0-1	N	0-1	N	2-3	NW	2-3	N	2-4	N	3-4	N	3-4	N	3-4	N	3-4	NE	2-3	2·0
19	NNW	2-5	NE	1-2	N	2	N	1-2	NNW	2-3	NNW	3	NW	2-4	N	2-3	NNE	2-5	N	2-4	NE	2-4	NE	3-4	3·2
20	N	3-5	N	2-4	Var.	1-3	N	1-3	N	1-2	N	0-1	NE	2-4	N	2-3	NE	1-3	NE	2	N	2-3	N	1-2	2·9
21	N	1-3	NE	0-1	NE	0-1	N	1-2	Calm	0	Calm	0	N	0-1	N	0-1	N	1	N	0-1	N	1	Calm	0	1·3
22	SSW	0-1	SW	0	W	0-1	W	0	SW	0-1	SW	0-1	SW	1	SW	1	SSW	1	S	1	S	1-2	S	2	0·5
23	W	1-2	W	2-3	W	2-3	NW	1-3	W	2-3	NW	1-2	WNW	1-2	W	2-3	W	2-3	W	2-4	WNW	1-2	NW	1-3	2·0
24	W	1-2	WSW	2-3	W	2	W	2	WNW	1	NW	0-1	W	2	W	0-1	W	1-2	WNW	1-2	NW	0-2	NW	0-2	1·4
25	W	1-3	WNW	3	WNW	1-3	SW	1-2	NW	1-2	NW	1-2	W	1-3	W	1-3	NE	0-1	Var.	0-1	N	1-3	NNE	1-3	1·7
26	N	1-3	NE	1-2	NNW	1-2	N	1-2	N	3	N	0-2	N	0	N	1	N	1-2	NW	2	N	2-3	N	2-4	2·1
27	N	1-3	N	2-3	NE	3-4	N	2-4	N	1-2	NNE	2-4	N	1-3	NE	2-3	NE	2-4	NE	3-4	NE	2-5	NNE	2-4	2·8
28	NE	1-3	ENE	2-3	NE	2-4	ENE	2-3	N	2-4	NE	1-3	NE	3-4	ENE	2-4	NE	2-4	N	3-6	N	2-3	N	1-2	2·6
29	NE	2-4	NNE	2-4	N	1-3	N	2-3	N	1-4	N	2-5	NE	2-4	ENE	2-3	NE	2-4	NE	1-2	NE	1-3	NE	1-4	2·7
30	N	1-2	NE	1	NE	0-1	Var.	0-1	ESE	0-1	E	1-3	NE	1-2	N	1-2	N	2	N	1-2	Var.	0-2	N	2-3	1·9
31	SE	2	SE	2	SE	2-3	SE	1-2	SE	2	SE	2	ESE	2	SE	3	SE	3	SE	2-3	ESE	2-3	ESE	3	2·1
MEAN		2·50		2·24		2·18		2·21		2·27		2·37		2·56		2·42		2·56		2·55		2·56		2·65	2·55

N 293. NNE 30. NE 102. ENE 26. E 26. ESE 18. SE 29. SSE 16. S 19. SSW 9. SW 22. WSW 7. W 38. WNW 19. NW 44. NNW 18. Calm or Var. 28.

WIND. DIRECTION AND FORCE (0 to 12). APRIL 1891.

	1		2		3		4		5		6		7		8		9		10		11		12		Max.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	ESE	3	ESE	3-4	ESE	4-5	SE	4-5	SE	4	ESE	4	ESE	5	ESE	5	ESE	5	ESE	4-5	ESE	5	ESE	4	7
2	E	7	ESE	7-8	ESE	7-8	ESE	8	ESE	7-8	E	8	ESE	8-9	E	9	ESE	9-10	E	10-11	E	11	E	11	11
3	ESE	9	ESE	9	ESE	9	SE	8-9	ESE	8-9	ESE	8-9	ESE	8-9	ESE	9-10	ESE	10	ESE	10	ESE	9-10	ESE	9	12
4	ESE	11-12	SE	10-11	SE	10-11	SE	11-12	ESE	10-11	E	11	E	11	ESE	11-12	ESE	11-12	ESE	11-12	E	9-10	ESE	8-10	12
5	E	9-10	ESE	10-11	ESE	8-9	ESE	10-11	ESE	9-11	ESE	9-10	E	9-10	E	10	E	10-11	E	10-11	ESE	10-11	ESE	9-11	11
6	ESE	7-8	ESE	7-8	ESE	9-10	ESE	8	ESE	8-9	E	8	E	8-9	ESE	8	ESE	6-7	ESE	5-7	E	5	E	5	10
7	E	2-3	E	1	ESE	2	E	0	N	0	N	0	Calm	0	N	0	N	0-1	N	0-1	ENE	0-1	N	0	4
8	NNE	1-2	NE	1-2	N	1-2	NE	2-3	N	2-3	N	1-2	N	1-2	N	1-2	N	1-2	NE	1-2	NE	0-1	ENE	1-2	3
9	Calm	0	Calm	0	Calm	0	N	0	Calm	0	ESE	0	Calm	0	ESE	0-1	ESE	0	E	0	E	1	ESE	0-1	4
10	ESE	4	SE	4	SE	4	SE	3-4	SE	3	SE	3	SE	3	SE	3	SE	3	SE	3	SE	3	SE	3-4	5
11	ESE	4-5	SE	4	SE	4	ESE	4-5	SE	4	ESE	4	ESE	4	ESE	3	ESE	4	ESE	4	SE	3	SE	4-5	5
12	E	2-3	ESE	2-3	SE	4-5	SE	4	SE	4	SE	4	ESE	3	ESE	4	SE	4	ESE	4	E	5	ESE	5-6	7
13	SSE	4-7	SE	6-7	SE	5-6	SSE	3-4	SE	4	SE	5	ESE	4	ESE	4	SE	4	ESE	4	ESE	3	SE	2-3	7
14	Calm	0	SW	0	Calm	0	SW	0-1	W	1	W	0-1	W	0	Calm	0	WSW	0	Calm	0	Calm	0	SE	0	2
15	SW	2	SW	2	SW	2	SW	2	SW	3	W	2	N	1	ESE	0-1	N	1	NW	1-2	Var.	1-2	Var.	0-1	3
16	NE	2-3	N	1-2	NNW	1-2	NE	1-3	N	1-3	N	2	N	1-2	N	1-3	NE	1-3	NNE	1-3	N	1-3	NE	1-3	4
17	N	1-2	N	1-2	N	1-2	N	2	N	1-2	N	1-2	N	1	N	1-2	N	1-2	N	1-2	N	0-1	Calm	0	2
18	Calm	0	NNW	0	N	0-1	N	0	Calm	0	Calm	0	N	0	NE	0	N	0-1	NE	0	NE	0-1	NE	0-1	1
19	Calm	0	Calm	0	Calm	0	N	0	SE	0	S	0	S	0	ESE	0-1	ESE	1	SE	1	SE	2	E	1-2	3
20	E	0	Calm	0	E	0-1	Calm	0	NE	0	Calm	0	ENE	0	E	0-1	ESE	0	Calm	0	Calm	0	SE	0	1
21	N	0-1	NE	1	E	0-1	E	1-2	E	2	E	2	E	2	E	2	E	1	E	1	E	0	E	0	4
22	E	3	E	2-3	E	2-3	E	1-2	ENE	1	ENE	2	ENE	0-1	NE	2	NNE	1-2	NNE	1	E	2-3	NE	0-1	4
23	E	1-2	E	1	E	1	E	0-1	N	0	N	0-1	N	1	N	1	N	0	N	0	N	1	NE	0-1	2
24	N	1-2	NE	1-2	NNE	1-2	N	1	NE	1	N	1	NE	1	Calm	0	E	0	N	0-1	N	0-1	Calm	0	2
25	N	0-1	NNE	1	NE	0-1	N	1	N	0-1	N	1	NNW	1	NNW	1	Calm	0	Calm	0	Calm	0	NW	0	2
26	SW	1-2	SW	2	WSW	2	WSW	1-2	W	1	NW	1-2	WNW	0-1	N	0-1	NNE	0-1	WSW	0-1	WSW	0-1	W	0-1	2
27	SW	2	SW	1-2	WSW	1-2	SW	1-2	SW	2	SW	2	WSW	1-2	SW	1-2	SW	1-2	SW	2	SW	2	SW	1-2	4
28	SW	4	W	2	NNE	2-3	NE	1-3	N	1-3	N	3-4	NE	2-4	N	1-3	NNE	0-1	Var.	0-1	NE	0-2	N	0-1	4
29	NW	1	NW	1	N	1	NNW	0-1	WSW	1	SW	2	SW	1-2	SW	2	SW	1	SSW	2	S	2	SSE	2	3
30	WNW	1	NW	1	WNW	2	W	2	WSW	2-3	WSW	2-3	SW	2-3	SW	3	SW	3	WSW	3	WSW	2-3	W	1-3	3
MEAN		3·02		2·92		3·07		2·95		2·90		3·02		2·82		2·97		2·83		2·88		2·83		2·60	

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Force.
1	ESE	4	ESE	3-4	ESE	4	ESE	4-5	ESE	4	ESE	4	E	4-5	E	5	ESE	6	ESE	6-7	E	6	ESE	6-7	4·6
2	E	11	ESE	10	E	10-11	E	10	E	8-10	ESE	9	ESE	8-10	SE	10	ESE	10-11	ESE	9	ESE	8-9	E	8-9	9·2
3	ESE	9-10	ESE	6-8	ESE	5-7	ESE	8	E	7-8	E	9-10	ESE	9-11	ESE	11	ESE	11-12	ESE	11-12	ESE	11-12	ESE	11-12	9·3
4	ESE	8-9	ESE	7-8	E	8	E	8-9	ESE	7-8	ESE	8-10	E	9-10	ESE	9-10	ESE	9-11	ESE	10-11	ESE	11-12	SE	11-12	10·0
5	ESE	10	ESE	9-10	ESE	8-9	ESE	8	ESE	8	ESE	6-9	ESE	7-10	ESE	8-10	ESE	8-10	ESE	10	ESE	8-9	ESE	9	9·4
6	E	5	E	4	E	4-5	E	4-5	E	4	E	4	ESE	2-3	ESE	2	E	1	E	2-3	ESE	2-3	E	2	5·3
7	N	1	E	1	NE	0-1	NE	0-1	N	0-1	ENE	0-1	N	1	N	1	N	3	N	2-3	N	2-4	NE	2-3	1·0
8	NE	0-1	N	0-1	NNW	1	N	1-2	Calm	0	Calm	0	Calm	0	N	1-2	N	0	N	0-1	NE	0-1	E	1	1·1
9	ESE	0-1	ESE	0-1	ESE	1	ENE	0-1	Calm	0	ENE	1	E	1	E	2	E	2	E	2-3	ESE	3	ESE	4	0·8
10	SE	3	SE	4	SE	3-4	ESE	4	SE	4	ESE	4-5	ESE	4-5	SE	4-5	SE	4	SE	4-5	SE	5	ESE	5	3·8
11	ESE	4-5	SE	4	E	4	ESE	5	ESE	4	E	3	E	3-4	ESE	4	ESE	4	ESE	3-4	ESE	2-3	SE	2-3	3·8
12	E	5	ESE	4	ESE	4-5	SE	5	SE	5	SE	6	SE	5-6	SE	5-6	SE	6	SE	6-7	SE	7	SE	7	4·8
13	ESE	2	E	2	SE	2	ESE	2	SE	2	SE	1	SE	1	SE	0-1	Calm	0	SE	0	SE	0	SSE	0	2·7
14	Calm	0	Calm	0	W	1	Calm	0	W	0	W	0-1	W	0	Calm	0	SW	1	SW	1-2	SW	1	S	2	0·4
15	N	1-3	Var.	0-2	N	0-2	N	0-1	NW	1-2	NW	1-2	NW	1-2	N	2	N	2	N	2	NNE	2	N	1-2	1·6
16	NNE	1-3	NNE	2-4	NE	2-4	ENE	2-4	NE	1-3	N	1-3	N	1-2	ENE	2-3	ENE	2-3	N	2-3	N	2	N	1-2	2·1
17	Calm	0	Calm	0	N	0	N	0	N	0	Calm	0	N	0-1	N	0-1	Calm	0	Calm	0	Calm	0	Calm	0	0·7
18	NE	1	ENE	0-1	N	0-1	E	0-1	Calm	0	N	0	N	0-1	Calm	0	Calm	0	E	0-1	Calm	0	Calm	0	0·2
19	SE	1-2	E	2	SE	2	E	1-2	ESE	1	ESE	1	ESE	1-2	SE	2-3	ESE	2-3	ESE	2	ESE	2	ESE	2	1·1
20	Calm	0	ENE	0-1	Calm	0	Calm	0	N	0	N	0	N	0-1	N	0-1	N	0-1	NNE	0-1	N	0-1	N	1	0·2
21	Calm	0	ENE	1	E	2	E	2	E	2	NE	2-3	E	2-3	ENE	2	ENE	1-2	E	2-3	E	3-4	E	3-4	1·6
22	E	2	E	0-1	E	3-4	E	4	E	3	E	3-4	E	3	E	3-4	E	3-4	E	3	E	3-4	E	2-3	2·3
23	ENE	0-1	Var.	0-1	Var.	0-1	E	0-1	ENE	1-2	NE	1-2	NE	1-2	NE	0-1	NE	1-2	NE	0-1	NE	0-1	NE	1	0·8
24	E	0-1	Calm	0	Calm	0	NE	1	Calm	0	Calm	0	Calm	0	Calm	0	W	0	Calm	0	N	0	N	0	0·5
25	Calm	0	WNW	0	N	1	NW	0-1	N	0-1	Calm	0	W	0-1	SSW	1	S	1-2	SSW	2	SSW	2	SSW	2	0·7
26	WSW	0-1	SW	1-2	WSW	1	WSW	1	W	1	W	0-1	W	1	SW	1	SW	1-2	SW	1-2	SW	1	SW	1-2	1·1
27	S	2	S	2-3	SSW	2	S	2	SSW	2-3	SSW	3	S	2-3	SSW	2	SSW	3	SSW	3	SW	3	SW	3-4	2·1
28	NE	1-3	NE	2	N	1-2	NNE	1-2	NE	1-3	N	1-2	N	1-3	NNE	1-3	NE	1-2	N	1-2	N	1	Var.	0-1	1·8
29	SE	2	SSW	1-2	SSE	2	S	2	SSE	2	SSE	2-3	S	2-3	SW	1-2	WSW	2	W	1-2	WNW	0-1	NW	1	1·6
30	WSW	3	WSW	2	SW	2	SSW	2	SW	2	SSW	3	SW	1-2	SW	2	SSE	2-3	SSE	3	SSE	3	S	3	2·3
MEAN		2·78		2·53		2·70		2·80		2·55		2·73		2·78		2·97		3·13		3·25		3·17		3·25	2·90

N 108. NNE 16. NE 44. ENE 19. E 107. ESE 149. SE 70. SSE 10. S 12. SSW 14. SW 43. WSW 18. W 19. WNW 5. NW 11. NNW 6 Calm or Var. 69.

WIND. DIRECTION AND FORCE (0 to 12). MAY 1891.

	1		2		3		4		5		6		7		8		9		10		11		12		Max.
	Dir'n.	Force	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	SSE	3	S	3	S	3	SW	3	SW	2–3	SW	1–2	SW	1–2	WSW	0–1	SW	1	SW	2	SW	2	SW	1	3
2	NNE	2	NNE	2–3	NNE	2–3	NE	3	NE	2–3	ENE	1–3	N	1–3	N	1–3	N	1–2	N	1–3	N	1–3	N	1–3	3
3	NNE	0–1	NE	1	N	1	NW	2	W	2	WSW	1–2	WSW	1–2	SSW	2	SW	1	WSW	1	W	1	NW	1	2
4	NW	1	N	0–1	N	1	N	1	N	0–1	N	0–1	Calm	0	Calm	0	NE	0–1	NW	1–2	Calm	0	Calm	0	2
5	SSE	2	S	2	S	2	S	2	S	3	SSE	3	SSE	3	SSE	3–4	SE	4	SE	4	SE	4	S	3–4	5
6	SE	4	SSE	4–5	SSE	4–5	SSE	4–5	SE	4–5	SE	4–5	SE	4	SE	4	SE	3–4	SE	4	SE	3	SE	3–4	5
7	SSE	4–5	SSE	4	SSE	4	SSE	3–4	SE	3	SE	3–4	SE	3–4	SE	3	S	3	S	3	S	2–3	SE	3	7
8	ESE	5–7	ESE	5–6	SE	5	SE	5–6	ESE	6	E	6–7	E	7	E	7	ESE	5–7	ENE	3–6	E	6	E	6–7	7
9	NE	1	NE	0–1	ESE	2	ESE	2	ESE	2–3	E	2–3	E	2–3	E	2–3	ESE	4–5	E	6	E	5–6	ESE	3	6
10	ESE	3	E	3–4	E	3	ESE	3	ESE	3	E	2–3	E	3	E	3	ESE	2	ESE	1–2	ESE	0–1	E	2–3	4
11	SE	2–3	ESE	2	SE	2	SE	2	ESE	1–2	E	0–1	E	0	N	0	E	0	ESE	0–1	ESE	1–2	E	2	3
12	SSW	1–2	SW	1	SSW	2	SSW	1–2	S	2	S	2	SW	2–3	SW	2	SW	2	SW	2–3	SW	3	SW	3	3
13	N	1–3	N	2–3	NNW	2–3	NW	2	W	3	W	2–3	W	1–3	WNW	1–3	W	1–3	NW	0–2	WNW	1	NNW	1–2	3
14	NE	1–2	N	1–2	N	1–3	N	1–2	NE	1–2	NW	1–3	W	1–3	NW	0–2	NW	0–2	W	0–2	W	1–3	NW	1–3	4
15	E	0–2	NE	1–3	E	1–3	NNE	1–3	NE	1–3	N	2–4	N	2–4	N	2–4	N	2–4	N	1–3	N	2–5	N	2–4	5
16	NE	0–2	N	0–2	N	0–2	NE	0–2	NNE	1–2	NE	1–2	N	1–3	N	2–4	ENE	2–4	N	1–3	N	1–3	N	1–2	4
17	NNE	1–3	NE	1–3	NE	2–3	NNE	2–3	N	1–2	N	1	N	1–3	N	1–2	Calm	0	N	0	Calm	0	N	1	6
18	N	2–6	N	2–4	N	2–4	NE	1–3	NE	1	NE	0–1	NE	1	NE	1–2	ESE	0–1	ESE	1	E	1	NE	1	6
19	Var.	0–1	NE	1	NE	0–1	NE	1	N	2	NW	1–2	NNW	1–3	NNW	2	NW	2	N	1–3	NW	1–2	NE	1–2	3
20	Var.	0–1	N	0–1	N	1–2	N	1	N	0–1	N	0	N	0–1	N	0–1	Calm	0	N	0	Calm	0	N	0	2
21	E	1	ESE	1–2	ESE	2	E	1–2	NE	1	NE	0–1	ENE	0–1	E	0–1	ENE	0–1	NE	0–1	N	0–1	NNE	0–1	2
22	NE	1	N	1	N	1–2	NNE	1	N	0–2	N	1–2	N	1–2	N	0–1	N	1	Calm	0	Calm	0	Calm	0	2
23	S	2	S	2	SSE	2	SSE	2	S	2	S	2–3	S	3	S	3	S	3	SE	2–3	SE	3–4	SSE	3	4
24	ESE	3	ESE	3	E	2	NNE	0–2	E	1–2	N	1	N	2	ENE	1–2	ENE	1–2	N	2	NNE	0–1	NE	1–2	4
25	Var.	0–1	N	1–2	N	1–3	N	1	N	2–4	NE	1–3	N	1–3	N	2	N	1–2	N	1–2	NW	1–2	NW	1	5
26	NNE	2–3	NNE	2–4	N	3–5	N	3–5	N	2–4	NNW	1–4	N	1–4	NNW	2–5	N	2–4	N	2–4	N	2–5	N	2–5	5
27	N	1–2	N	1–2	NNE	1–2	N	1–2	N	1–2	N	1–3	N	1–2	NW	1–2	N	1–2	N	1–2	N	2	N	1–2	3
28	N	0–2	SE	2	ESE	2–3	ESE	3	ESE	3	E	3	E	3	E	2–3	E	2	E	2–3	ESE	3	E	3–4	5
29	SE	3	ESE	3	ESE	3	ESE	2–3	ESE	3	ESE	3	ESE	4	E	4–5	ESE	5	ESE	5	ESE	5–6	ESE	3	6
30	SE	3	SE	3–4	SSE	3	SE	3	SSE	4–5	SE	4	SE	3–4	SE	4	SE	4	SSE	5–7	SE	6	SE	6–7	7
31	SE	3	SE	3–4	SE	4	SE	4	SSE	4	SE	4	SE	4–5	SE	5	ESE	5	ESE	5–6	ESE	5–6	SE	5–6	7
MEAN		2·10		2·23		2·40		2·27		2·37		2·21		2·35		2·34		2·21		2·34		2·37		2·32	

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Force.
1	WSW	0–1	WNW	1	WSW	1	NW	0–1	N	0	Calm	0	Calm	0	ESE	0–1	E	0–1	N	0	NE	1	NNE	1–2	1·3
2	N	1–2	N	1–3	Calm	0	Calm	0	N	1–2	N	1–2	N	1	N	0	Calm	0	Calm	0	Var.	0–1	E	0–1	1·4
3	SW	0–1	NW	1	W	0–1	W	0	NW	0–1	NW	0–1	NNW	1–2	NE	0–1	Calm	0	Calm	0	Calm	0	N	0–1	0·9
4	Calm	0	SSW	0–1	W	0–1	W	0–1	SW	0–1	SW	1–2	SW	1	S	1	SSW	1	S	1–2	SSE	1–2	S	2	0·8
5	SSE	4	SSE	3	SSE	3	SE	3	SE	3–4	SSE	4	SSE	4–5	SE	4–5	SSE	4–5	SSE	4–5	SSE	5	SSE	4	3·5
6	SSE	4	SE	4	SE	4	SSE	3–4	S	4	SSE	3	SE	3–4	S	4	SSE	3–4	SSE	3	SSE	4	SSE	4–5	3·9
7	SE	3	SSE	3	SSE	3	SE	3	SE	3–4	SE	3	SE	3	SE	4	SE	4	SE	5–6	SE	4–7	ESE	6–7	3·6
8	ENE	5–6	E	3	E	2	E	0–1	E	0–1	N	0–1	N	0–1	NE	1–2	NE	0–1	ENE	1	ENE	1–2	NE	1	3·7
9	ESE	3–4	SE	2–3	SE	2	E	1–3	E	3	E	3	E	2–3	E	1–2	ENE	2–3	ENE	1–2	E	2	E	2	2·6
10	E	1–2	E	2	ESE	2	ESE	2	ESE	2	E	1–2	ESE	2–3	ESE	2–3	ESE	1–2	E	1–2	SE	1–2	SE	2	2·2
11	ESE	1–2	E	1–2	SE	1	SE	0–1	ESE	2	ESE	2	SE	2	SSE	1–2	SE	2	SE	2	SE	2–3	SE	2	1·5
12	WSW	3	WSW	2–3	W	2	WNW	3	WNW	3	NW	1–3	WNW	2–3	NNW	2	NNW	2	N	2–3	N	3	N	3	2·3
13	N	1–2	N	2–3	NNE	1–3	NNE	1–2	NE	1–2	N	1–2	N	1–3	NE	1	N	1–2	N	0–2	NE	0–1	N	0–2	1·8
14	NE	1–3	ENE	1–3	NE	1–3	ENE	1–4	ENE	2–4	NE	1–4	Var.	1–3	NE	1–4	NE	1–3	E	0–3	E	1–3	ESE	1	1·8
15	N	1–4	NE	1–4	NNE	1–3	NE	0–2	NE	1–3	N	1–3	N	0–2	N	1–3	NE	1–2	Var.	0–2	Var.	0–2	N	1–3	2·1
16	N	1–3	NE	0–2	E	1–2	Var.	0–2	N	1–3	NE	0–2	N	2–4	NNE	1–3	NE	2–3	ENE	1–3	NNE	2–3	NE	1–2	1·8
17	Var.	0	Var.	0–1	E	0–1	NE	1–2	NE	0–2	N	1–2	N	1–3	NNE	2–3	NNE	3–5	NNE	3–6	NNE	2–6	N	4–6	1·8
18	N	1	N	0–1	NNE	0–1	NE	0–1	N	0–1	N	1	Calm	0	NE	0–1	N	0	N	0–1	N	1	Calm	0	1·1
19	N	1–2	NNE	1	N	1–2	NE	1	N	1–3	N	1–3	N	1–3	NE	0–2	N	0–1	N	0–2	Calm	0	N	1	1·3
20	N	0	Calm	0	Calm	0	NE	1	N	0–2	Calm	0	N	1	ENE	1	ENE	1–2	NE	1	E	1	E	1	0·6
21	NE	0–1	N	0–1	N	1	N	2	N	1–2	NNW	0–2	N	0–2	NE	1–2	N	1	N	1	N	1–2	N	1–2	1·0
22	Calm	0	Calm	0	Calm	0	Var.	0–1	Calm	0	NW	0	NW	0	Calm	0	Calm	0	SW	0	SSE	1	SSE	1	0·5
23	S	2	ESE	1–2	SE	1–2	SE	2–3	ESE	2	ESE	3	ESE	2–3	SE	2–3	SE	2	SE	2	ESE	3	SE	1–3	2·4
24	Calm	0	N	1–3	N	1–2	NE	2–3	NNE	2–3	N	1–3	N	2–4	NNE	1–3	NNE	2–3	NNE	2–4	N	2–4	NNE	1–4	2·0
25	NNW	1–3	N	1–3	N	1–2	NE	1–3	N	1–3	N	1–3	N	2–4	N	2–5	NNW	3–5	NNW	2–5	Var.	1–3	N	2–5	2·1
26	N	3–4	N	2–3	NNE	2–5	N	2–4	N	2–4	N	2–4	N	2–5	N	2–4	N	1–3	NNE	2–4	NNE	1–3	NNE	1–3	3·0
27	N	1	N	0–2	ENE	1	ENE	1	NE	1	ENE	1–2	NE	1–2	NE	1	Calm	0	NE	1	NE	0–1	NE	1	1·3
28	E	3–4	ESE	3	ESE	3–4	ESE	3–4	E	4	ESE	4–5	ESE	4–5	E	3	ESE	4	ESE	3	ESE	3–4	SE	3	3·1
29	SE	2	SE	3	SSE	2–3	SSE	3	SSE	3–4	SSE	2	S	2	SW	2	SSW	1–2	SSW	2	SSE	2	SE	3	3·0
30	SSE	7	SE	4	SSE	6	SSE	4	SSE	3–4	S	3–4	S	3	SE	3	SE	4	SE	3	SE	3–4	SE	4	4·1
31	ESE	5–6	SE	6	SE	5	SE	4–5	SE	5	E	6–7	ESE	6	SE	6	SE	5–6	SE	5	SE	5–6	SE	5	4·9
MEAN		2·13		1·98		1·87		1·84		2·10		2·03		2·18		2·05		2·00		2·00		2·18		2·27	2·17

N 171. NNE 36. NE 70. ENE 21. E 63. ESE 70. SE 94. SSE 50. S 28. SSW 8. SW 22. WSW 8. W 14. WNW 6. NW 23. NNW 13. Calm or Var. 47.

WIND. DIRECTION AND FORCE (0 to 12). JUNE 1891.

	1		2		3		4		5		6		7		8		9		10		11		12		Max.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	SE	6-7	SE	5	SE	5	SE	5	SE	5	SE	5	SE	5	SE	5-6	SE	6	ESE	5-6	ESE	5-6	ESE	5	8
2	ESE	8	SE	9	ESE	8	ESE	7	ESE	7-8	ESE	7	ESE	7-8	E	7-8	ESE	7	ESE	8	ESE	8	ESE	8-9	9
3	SE	6-7	ESE	5-6	ESE	6-7	ESE	5-7	E	4-6	E	5	E	3-5	E	3-5	E	4-5	E	3-4	ENE	2-4	ENE	2-3	7
4	ESE	4-5	ESE	4-5	ESE	3-4	ESE	4-5	ESE	3	E	2-3	E	3-4	E	4	E	3-4	ESE	4	ESE	1-2	E	1-2	5
5	SE	2-3	SE	3-4	ESE	3-5	ESE	3	ESE	4	ESE	4	E	3	E	3	E	3-4	ESE	3-4	ESE	4	ESE	4	5
6	N	1-2	NE	0-1	NNE	1	ENE	1	NE	1	NNE	0-1	Calm	0	NE	0-1	NE	0-1	ENE	1	ESE	0-1	E	1	2
7	Var.	0-1	N	1	N	0-1	NNE	1	NNE	0-1	NE	0-1	ENE	0-1	N	0-1	NNE	0-1	Calm	0	N	0	N	0-1	2
8	E	2	E	1-2	ESE	2	E	2	E	3	ESE	3-4	ESE	3	ESE	3	ESE	2-3	E	2	E	2	E	2-3	4
9	N	1	N	1	NE	1-2	NE	1	N	0	N	0	NE	0-1	N	0	N	0	Calm	0	NE	0-1	N	0	2
10	N	0-1	N	1	NNW	1	NNW	1	N	0-1	NW	1	NW	0-1	N	0	Calm	0	Calm	0	E	0	E	0-1	1
11	N	0-1	Calm	0	Calm	0	N	0	N	0-1	N	1	NE	0-1	N	0-1	N	1	N	0-1	N	0-1	NE	0-1	2
12	N	1	N	1-2	Calm	0	N	0-1	Calm	0	Calm	0	N	0	N	1	N	1	N	0-1	N	0-1	Calm	0	3
13	WNW	2-4	WNW	2-4	W	2-3	W	2-3	WSW	3	WSW	3	W	3	W	3	W	3	W	3	W	2	W	1-2	4
14	N	2-4	NE	3-5	NNE	2-4	N	2-3	N	2-3	NW	0-2	N	2	N	3	N	0-2	NNW	1	N	1-2	NE	0-2	5
15	W	1-2	WSW	1-2	WSW	2	WSW	2	WSW	2	W	1	WSW	1	W	1	NW	0-1	NNW	0	N	0	N	1	3
16	N	2-3	N	3	N	2-3	N	3	N	2	N	0-1	N	0-1	N	1	NNW	0	N	0	N	0	NW	0-1	4
17	WSW	2-3	NW	2-3	W	2-3	W	2	WNW	2	W	2-3	W	2-3	WSW	2-3	WSW	2-3	WNW	2-3	WSW	2-3	SW	2-3	4
18	W	2-4	WSW	3-4	W	3	W	3	WSW	3	W	2-3	WSW	2-3	WSW	2-3	W	1-3	W	3	WSW	2-4	W	1-3	4
19	W	2-3	WNW	2	NW	1-2	NW	1-2	NW	2	NW	2	NW	1	NW	1	W	2	W	1	SW	1-2	S	1-2	3
20	NW	2-3	WNW	2-3	WNW	3	WNW	3	W	2	W	2	W	1	SW	0-1	SW	0	SW	0	SSW	0-1	S	0-1	3
21	S	2	S	1-2	SSW	1	WSW	1	SW	1	S	0-1	S	0-1	Calm	0	Calm	0	SE	0-1	SE	0-1	SE	0	2
22	ESE	1	Calm	0	NE	0-1	E	0-1	E	0-1	N	0-1	E	2	E	1-2	ESE	2-3	ESE	2-3	ESE	2	SE	1	3
23	Var.	0-1	E	2	ESE	2-3	E	1	E	1-2	ESE	1	ESE	1	ENE	1-2	ESE	2	Calm	0	E	0	Calm	0	8
24	E	5-7	E	3-7	E	3-6	E	3-5	E	2-5	E	3-6	ENE	3-6	ENE	2-5	E	4-6	ESE	4-6	ESE	3-6	ESE	3-6	7
25	ESE	4-5	ESE	4-5	E	4	ESE	3-4	E	4	ESE	4	ENE	2-4	ESE	3-6	ESE	3-5	E	2-5	ESE	5	E	5-7	9
26	SE	8-9	ESE	8-9	ESE	8	ESE	7-8	E	6	E	6-7	ESE	6	ESE	7	E	7	ESE	6	ESE	7	E	3-5	9
27	SSE	3-4	SE	2-3	S	1-2	SSE	1	SE	1	SE	2-3	SE	2	SSE	1-2	SE	1-2	SSE	2	SE	2-3	SE	1	4
28	WSW	1-2	WSW	1-2	NW	1-2	WNW	2	WNW	2	W	2-3	W	1	W	0-1	SW	1	S	2	SSE	2-3	SE	2-3	3
29	SSE	3	SE	4	SSE	3-4	SSE	4	S	3	SSE	3	SSE	2-3	SE	3-4	SE	2-3	ESE	2	SE	4	SE	4	5
30	SSE	4	SSE	5-6	SSE	4-5	S	1-3	SSE	3	S	2-3	SSE	2	SW	2	S	2	S	3-4	S	3-4	SSE	3-4	6
MEAN		3·00		3·03		2·82		2·60		2·47		2·40		2·20		2·32		2·28		2·20		2·28		2·12	

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Force.
1	ESE	4-5	ESE	4	ESE	4	ESE	4	ESE	5	SE	6	SE	6	ESE	6	ESE	7-8	ESE	7-8	ESE	7	ESE	7-8	5·5
2	ESE	8	SE	6	SE	6	ESE	5-6	E	5	E	5	E	4-5	ESE	7	ESE	5-6	ESE	6	ESE	6-7	ESE	7	6·9
3	ESE	3	E	2-3	ESE	3	E	2-3	SE	2-3	ENE	1-3	ESE	3	E	2-3	ESE	2-3	SE	3	E	3-4	E	3-4	3·7
4	E	3	E	2	E	1-2	E	2-3	E	3	E	2-3	E	2-4	E	1-2	NE	0-1	NE	1	ESE	2	SE	3	2·8
5	ESE	4-5	E	4	SE	3	ESE	2-4	E	3	E	2	N	1-2	E	1	NNE	1	NE	1-2	N	1-2	N	1-2	2·9
6	ESE	0-1	Calm	0	Calm	0	N	0-1	NE	1	E	0-1	NE	0-1	NE	0-1	NNW	1	N	1	N	0-1	Calm	0	0·6
7	NE	0-1	NE	0-1	NW	0-1	E	1-2	ENE	0-1	N	0-1	N	0-1	NNE	1	NE	1-2	ENE	1-2	N	1	ENE	1	0·7
8	E	3	E	2-3	E	2-3	ESE	3-4	ESE	2-3	E	3	ESE	3	E	0-1	Calm	0	Calm	0	NE	1	NNE	1	2·1
9	Calm	0	Calm	0	N	0-1	Calm	0	N	0-1	N	0-1	N	0	NNW	1	Calm	0	NNW	0-1	Calm	0	N	0-1	0·4
10	SE	0	E	0-1	E	1	E	0-1	Calm	0	E	0-1	E	0	E	0	E	0	Calm	0	Calm	0	N	0-1	0·4
11	N	0-1	ENE	0-1	N	1	N	1	E	0-1	N	1	N	1	N	0-1	N	0-1	N	1	NNE	1-2	N	1	0·6
12	N	1	N	1	N	0-1	N	1	WNW	1	NW	0-1	WNW	1	WNW	1	WNW	1-2	NW	1	WNW	2-3	NW	1-3	0·8
13	NW	1-2	NW	1-2	NW	0-2	NW	1-2	W	0-1	N	1-2	N	0-2	N	1-2	N	1-2	N	2	NNE	2-3	N	1-3	2·1
14	NE	1-3	NE	1-2	N	0-2	NE	0-1	NE	1	NE	0-1	N	0-1	Calm	0	N	0-1	N	0-2	N	0-1	WNW	1	1·5
15	N	0-1	Var.	0-1	Calm	0	N	0-1	N	1-2	N	1	N	1-2	N	2	NNE	1	N	1-2	N	1-2	N	2-3	1·1
16	NW	0-1	NW	1-2	WNW	2-3	W	2	W	2-3	WSW	2-3	W	2-3	WSW	2	SW	2-3	WSW	3-4	SW	4	W	2-4	1·9
17	WSW	2-3	W	2-3	WSW	2-3	W	2-3	WSW	3	W	3-4	W	2-3	WSW	3	SW	3-4	SW	3-4	WSW	4	W	4	2·8
18	WSW	2-3	W	2	WNW	1-2	WNW	1	WNW	1	W	1-2	WNW	2	WNW	1-2	NW	1-2	W	2	W	2	WNW	1-2	2·2
19	S	2	S	1-2	S	1	SW	0-1	W	1-2	W	3	W	1-3	WNW	2-3	WNW	2	WNW	2	WNW	2	WNW	2	1·7
20	S	0-1	S	0-1	W	1	S	0-1	Calm	0	SW	0	ESE	0	S	0	SSE	1	SSE	1	S	0-1	S	1	1·0
21	S	1	S	0-1	SSE	1	S	1	S	0	SE	0	SE	1	SE	1	Calm	0	Calm	0	Calm	0	E	0-1	0·6
22	E	1-2	SE	1-2	ESE	1-2	ESE	1-2	E	2-3	E	2-3	E	1-2	SE	2	SE	2-3	E	1	N	1	E	1-2	1·5
23	NE	0-1	NE	1-2	NE	2	E	0-2	E	2-3	E	2-3	ESE	1-4	E	4	E	4-5	E	4-6	ESE	5-6	ESE	6-8	2·1
24	E	5-6	ESE	3-6	ESE	5-6	ESE	4-5	SE	4	ESE	4-6	ESE	5	ESE	3	E	3-4	ESE	4	ESE	5	ESE	4	4·5
25	E	4-6	E	5-6	E	3-5	E	5-6	E	5	E	6-7	E	7	E	5-7	ESE	7-8	ESE	7-8	ESE	8-9	ESE	7-9	5·3
26	E	2-4	SE	4-5	ESE	3-4	ESE	4-5	ESE	4-5	ESE	3-4	ESE	5	SE	5	ESE	4	SE	4	ESE	4	SE	4	5·5
27	SE	1	S	1	SSE	1	SSW	1	SW	1	SW	0-1	NW	0-1	Calm	0	W	0-1	SW	1	SW	1-2	WNW	1	1·4
28	SSE	2-3	S	3	SSE	2-3	SSE	2	SSW	1-2	SW	1-2	SW	2	S	2	SSE	2	SSE	2	SSE	3	SE	3	2·0
29	SE	5	SE	4-5	SSE	3-4	SSE	4	SSE	4	Var.	0-1	SSE	1-2	S	3-4	S	3-4	S	1-3	SSW	0-3	SSE	5	3·2
30	SSE	2-3	S	2-3	SSW	2-3	SSW	2-3	WSW	2-3	SW	3-4	W	2-3	WSW	3	SW	2	SW	2-3	SW	1-3	SW	3	2·9
MEAN		2·27		2·15		2·03		2·07		2·10		2·12		2·15		2·15		2·15		2·32		2·53		2·75	2·36

N 102. NNE 12. NE 32. ENE 14. E 107. ESE 117. SE 55. SSE 32. S 34. SSW 6. SW 26. WSW 30. W 51. WNW 28. NW 26. NNW 8. Calm or Var. 40.

WIND. DIRECTION AND FORCE (0 to 12). JULY 1891.

	1		2		3		4		5		6		7		8		9		10		11		12		Max.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	W	1-3	SW	2-3	WSW	2	WSW	2	WNW	1-2	SW	2-3	WSW	2	SW	2-3	W	1-2	SSE	2-3	WSW	3	WSW	1-2	3
2	SE	2	SE	2	SE	2-3	SE	2-3	SE	2	SE	2-3	SE	2-3	SE	3	SE	1	SE	1	SE	3	SE	1	3
3	ESE	1	E	1	E	0-1	NNE	1	NNE	1	Calm	0	Calm	0	Calm	0	N	0-1	Var.	0-1	Calm	0	E	2	3
4	N	2	N	2	N	2-3	NE	0-1	N	1	N	1	Calm	0	N	1	N	1	N	0	NW	0-1	WNW	1	3
5	SW	1	SW	1	S	1	S	2	SSE	1	S	2-3	S	3	S	2	SSE	2	SE	2	SE	2-3	SE	2-3	6
6	E	4-5	ESE	4	ESE	3	SE	2-3	SW	1	SW	1-2	SW	0-1	SW	2	SW	0-1	SSW	1	SSW	1-2	S	1	5
7	NNW	1-2	N	2	N	2	N	2	N	2	N	2	N	2	N	1-3	N	2-3	N	1-2	N	1	N	2	3
8	E	0-1	Var.	0-1	N	0-1	NNE	1	N	0-2	N	1-3	N	0-2	NW	1-3	N	1-2	N	2-3	NNE	1-2	N	1	4
9	N	1-3	N	0-2	N	1	Var.	0-2	N	2-3	N	1-3	N	1-3	N	1-2	N	1-3	N	1-2	N	1-2	N	0-1	3
10	N	2-3	N	2-3	NNW	2-3	N	3	N	3-4	N	3	N	3	N	3	N	3	N	2-3	N	3	NNW	2-4	5
11	NNW	3-4	NNW	2-3	NW	2-3	NNW	2-3	NNW	2-3	NNW	3	NW	1-3	NW	2	W	1	WNW	0	W	0-1	WNW	1	4
12	WSW	2-3	WSW	2-3	WSW	2-3	W	2-3	WNW	2	SW	2	SW	2	SW	3	SW	2-3	SW	3	SW	2-3	SSW	2-3	3
13	SW	0-1	SW	1-2	SW	1-2	SW	2	SW	2	WSW	1-2	SW	1	Calm	0	WSW	0	SW	0-1	SW	1	SW	1	2
14	E	2-3	E	2-3	E	2	E	2-3	E	2	SE	2-3	SE	2	SE	1	SE	1-2	ESE	2	ESE	1-2	ESE	0-1	3
15	N	1-2	N	1	N	1-2	N	1	N	1	N	0-1	N	0-1	N	0	NE	0	E	1	E	1	Calm	0	3
16	NNE	2-3	NNE	2	NE	1-3	ENE	1-3	NE	0-2	N	2-4	NNE	2-3	E	3	E	3	NNE	1-2	NE	0-1	E	2	4
17	ESE	1-2	Calm	0	Calm	0	N	1	ESE	0-1	N	1-2	N	1	N	1	Calm	0	Calm	0	Calm	0	Calm	0	4
18	SSE	3-4	SE	3	SE	3	ESE	4	SE	4-5	ESE	4	ESE	4-5	ESE	2	ESE	3	SE	4	SE	5	SE	3-4	5
19	SSE	3-4	SSE	4	SE	4	SSE	2-3	SSE	3	SSE	4	SE	5	SSE	2-3	ESE	4-5	SSE	4	SE	2	SSE	1-2	5
20	W	0-2	WSW	2-4	WSW	1-3	SW	2	W	1-2	W	2-3	SW	0-2	SW	1-2	SSW	2-3	SW	2-3	SW	2-3	SW	1-2	4
21	SW	1-2	WSW	1-2	SW	2-3	SSW	2	WSW	2	WSW	1-2	WSW	1-2	SW	1	WSW	1	SW	1-2	SW	2	SW	1	3
22	N	1	N	1	N	1	N	2	N	2	ENE	0-1	N	1	NE	1	NE	0-1	NE	1	N	0-1	N	0-1	3
23	N	1	N	1-3	NE	2-3	N	1-2	N	2	N	0-2	N	1-2	N	2	N	0-1	N	0-1	N	0	N	0-1	4
24	NNW	1-2	NW	2-3	W	1-3	NW	0-2	W	2-3	N	0-1	NNE	1	WNW	1-2	NE	2	W	1-3	W	1-3	N	2-3	4
25	NE	0-1	N	2-3	N	2-3	ENE	1-3	N	3	N	2-3	N	0-1	N	0-1	N	1-2	N	1-2	NE	0-1	NNW	1-2	3
26	N	1-2	WNW	3	N	2-3	N	1-3	N	1-3	NW	2-3	NNW	0-1	NW	0-1	N	0-1	NNW	1-3	NW	1-3	WNW	1-2	3
27	Var.	0-1	Var.	0-2	NE	0-2	NE	0-2	NE	0-2	N	3-4	N	0-1	N	2-4	NE	0-1	N	1-3	NNE	0-1	NE	0-1	5
28	NE	1-4	NE	2-3	NNE	2-3	NE	1-4	NE	0-2	NE	0-2	NE	0-2	NNE	0-1	NNE	0-2	NE	0-2	N	0-3	N	2-4	4
29	N	2-4	N	1-3	NNE	2-4	N	1-3	N	2-4	NE	2-4	N	2-4	NE	0-1	NNE	0-1	NE	1	N	0	NNE	0-1	4
30	NE	1-4	NNE	3-5	NE	3-5	NE	2-4	N	1-3	N	1-4	N	1-3	N	0-1	N	0-2	N	1-3	N	0-1	N	0-1	5
31	N	0-1	N	2	N	2-3	N	2	N	1	N	2	N	0-1	N	2	N	1	N	1-2	N	1-2	N	1	3
MEAN		1·85		2·08		2·08		1·95		1·87		2·06		1·63		1·55		1·40		1·60		1·45		1·35	

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Force.
1	W	1-2	SW	1-2	SW	2	W	1	SW	2	SSW	0-1	SW	1-2	SW	1	WSW	1	SSE	2	SSE	2	SSE	2	1·8
2	SE	1-2	S	2-3	S	1-2	SE	2	SSE	2	SSE	2	SE	1	ESE	2	ESE	1-2	SE	1	Calm	0	SE	2	1·8
3	E	1	N	1	N	2-3	NNW	2	Calm	0-1	N	1-3	N	0-2	N	1	NNW	1-2	NNW	1-2	N	1-2	NNW	1	1·0
4	W	0-1	Calm	0	Calm	0	Calm	0	N	1-2	N	0	Calm	0	Calm	0	W	0-1	Var.	0-1	SW	0-1	SW	1	0·7
5	SSE	2-3	ESE	2-3	SE	3-4	ESE	3	ESE	4	ESE	5-6	E	6	E	5	E	4-5	E	4-5	ESE	4-5	E	4-5	3·0
6	S	1	SE	1-2	S	0-1	Calm	0	S	1	Calm	0	Calm	0	E	1-2	E	0-1	Calm	0	N	1	N	1	1·3
7	N	0-1	Calm	0	N	1-2	N	1-2	NNW	0-2	Var.	0-2	N	1-3	Var.	0-1	N	1-2	N	2	N	1-2	N	1-2	1·5
8	N	1	N	1-3	N	2	N	2	N	1	N	0-2	N	1-3	N	2-3	N	2	N	3	N	1-4	Var.	0-2	1·5
9	Calm	0	Calm	0	Calm	0	N	0	N	0-1	Calm	0	N	0	N	0-1	NW	0-1	NNW	1-2	N	2	N	2	1·1
10	N	2-4	NW	2-3	N	3-4	N	2-3	N	4	N	3-4	NW	4	N	5	NNW	4	NW	3-4	NNW	3	N	0-1	3·1
11	NW	0	W	0	Calm	0	WNW	0	W	1	Calm	0	W	0	S	1	SSW	2	SW	2-3	SW	2-3	W	2	1·4
12	SW	1-2	SW	2-3	SW	2-3	SW	2	SW	2	S	2	SW	1	SW	2	WSW	1-2	WSW	1-2	SW	1	WSW	1	2·1
13	SW	0-1	W	0-1	SW	0-1	WSW	1	WSW	0-1	SW	0	SW	0	Calm	0	Calm	0	SE	0-1	E	1	E	1-2	0·9
14	ENE	1	E	1	N	0-1	E	0	Calm	0	Calm	0	E	0-1	ESE	2	E	2	E	1-2	N	1-2	N	2	1·4
15	Calm	0	N	0-1	Var.	0-1	ENE	0-1	E	0-1	E	1	E	0-1	N	1	NW	0	NNE	1-2	NNE	2-3	NNE	2	0·8
16	ENE	1	E	2	E	2-3	E	2-3	E	2	ESE	2	ESE	2	E	2	E	2-3	E	2	E	1-2	E	2-3	2·1
17	Calm	0	Calm	0	Var.	0-1	SW	0-2	SW	0-1	WSW	1	SW	1	SSW	2	S	2-3	S	3	SSE	3	SSE	3-4	1·0
18	SE	3	S	1-2	S	4	Var.	0-2	SW	1-2	S	2	SE	1-2	SSE	2-3	SSE	3	SSE	3	S	4	SSE	3-4	3·1
19	S	0-1	SSE	0-1	Var.	0-1	SW	1-2	SW	2	SW	2	SW	2	SW	2	SW	2	SW	2	W	0-2	WSW	2-3	2·5
20	WSW	2	WSW	1-2	SW	2	SW	2-3	WSW	2	SW	2	SW	2-3	WSW	2-3	SW	2-3	SW	2-3	SW	2-3	SW	2-3	2·1
21	SW	1	SSW	1	SSW	0-1	SW	1	SW	1	Calm	0	NW	0-1	NNW	0-1	NNW	0-1	N	1	NNW	1-2	N	0-1	1·2
22	N	0-2	N	2-3	NNE	1-2	NNE	2-3	N	1-2	N	1-3	NE	0-1	NNE	1-3	NE	2	N	2-3	NNE	1-2	N	1-3	1·4
23	SSE	0-1	SE	0	SSW	0-1	SW	0-1	SW	0-1	W	1-2	W	2-3	W	4	W	4	W	4	W	4	NW	1-3	1·6
24	N	2-4	N	0-2	N	1-3	NE	1-2	W	0-1	N	0-1	NE	0-1	Var.	0-2	NE	2-3	N	2-3	Var.	0-2	N	2-3	1·6
25	NE	1-2	N	2-3	NW	1-2	ENE	1	NNE	1-3	N	0-2	NNW	0-1	NE	2-3	NW	2-3	NW	1-3	N	2-3	N	2-3	1·7
26	N	0-1	NW	1	NE	1-2	NW	1-2	NW	0-1	WNW	1-2	W	1	WNW	0-1	N	0-2	N	2	WSW	1-2	Var.	0-1	1·4
27	N	2-3	N	1-2	ENE	1-2	N	2-4	N	1-4	N	1-3	N	1-4	NE	1-4	NE	2-4	N	3-5	Var.	1-4	NE	1-4	1·9
28	N	1-3	NE	1-3	N	2-3	N	1-3	NE	0-1	NE	0-2	N	1-2	NNE	1-3	N	1	N	1-3	N	1-4	N	1-3	1·7
29	N	0-2	N	0-1	NE	2-4	N	1-3	E	1-3	NNW	0	NE	0	Var.	0-1	ENE	1-2	Var.	1-2	Var.	1-4	Var.	0-3	1·5
30	N	0-2	N	0-1	N	0-1	Var.	0-2	NNE	0-1	Calm	0	Var.	0	Var.	0-2	N	1-2	N	0-1	Var.	0-1	N	2	1·4
31	N	1	Calm	0	Calm	0	N	0-1	N	0-1	N	0-1	N	0	W	0	N	0-1	W	1	W	2	W	1-2	1·0
MEAN		1·19		1·16		1·47		1·37		1·34		1·21		1·23		1·69		1·79		2·02		1·97		1·90	1·63

N 226. NNE 26. NE 46. ENE 9. E 43. ESE 24. SE 40. SSE 26. S 20. SSW 11. SW 82. WSW 30. W 34. WNW 11. NW 24. NNW 25. Calm or Var. 67.

WIND. DIRECTION AND FORCE (0 to 12). AUGUST 1891.

	1		2		3		4		5		6		7		8		9		10		11		12		Max.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	W	1	W	1-2	NW	2	W	2	W	2	W	2	SW	2-3	SW	3	SW	2-3	SW	2-3	SW	2-3	WSW	1	3
2	WSW	2-3	SW	1-2	SW	2-3	SW	1-2	SW	2-3	SW	1-2	SW	1-2	WSW	3	W	0-1	SW	0-1	SSW	1	SSW	3-4	4
3	Calm	0	NE	0	E	0-1	E	0-1	Var.	0	SE	0-1	Var.	0	E	0-1	E	0-1	E	0	E	1	ESE	0	4
4	N	2-4	N	3-4	N	2-5	N	4-7	N	3-6	N	2-5	N	1-4	N	1-2	NNE	1-3	NE	0-2	NE	0-1	NE	1-3	7
5	N	2-3	N	3	NE	1-2	N	2-3	N	2-3	N	1	N	1-3	NNE	0-1	N	2-3	N	1	N	0	N	0-1	3
6	N	1-2	NNE	1-2	N	2-3	N	3-4	N	3	N	3-4	N	3-4	N	3	N	3	N	3	N	1-2	N	2-3	4
7	W	0-1	WNW	1	N	1-3	N	0-1	N	1-2	NW	2	N	1-2	NE	1-2	N	1-2	NE	1-2	N	2	N	2-3	4
8	NW	0-1	NW	0-1	NW	1	Calm	0	NW	1	W	1-2	W	0-2	W	0-2	W	0-2	W	0-2	W	0-1	WSW	1	2
9	WNW	1	WNW	0-1	W	0-1	W	0-1	W	0-1	W	0-1	W	0-1	Calm	0	W	0-1	W	0	W	0	Calm	0	1
10	N	0-1	N	0-1	N	0-1	N	0-1	N	0-1	N	0-1	N	0-1	N	0-2	N	0-1	N	0-1	Calm	0	Calm	0	2
11	NW	1-2	NW	1	NW	1-2	WSW	2-3	W	2-3	SW	2-3	SSW	3-4	SW	3-4	SW	3-4	SW	4-5	SW	4-5	SW	4-5	5
12	NW	2-4	NW	2-5	W	2-4	W	1-3	W	2-3	W	2-3	W	1-3	W	1-2	SW	1-2	W	2-3	SW	1-2	W	1-3	5
13	ESE	0-1	E	0-1	ESE	0-1	E	0-2	N	3-4	N	0-2	NW	2-3	NE	0-2	NE	0-1	NE	0-2	NW	1-2	N	0-1	4
14	S	2	SW	2-3	SW	0-1	S	2-3	S	2-3	S	2-3	SSW	2-4	SW	1-2	W	1	SW	1-2	SW	0-1	SW	1-2	4
15	W	1-2	Calm	0	W	0-1	WNW	4-6	NW	1	WNW	1-3	NW	1-2	NW	1-2	NW	0-1	WNW	0-1	SW	0-1	NW	1-2	6
16	Calm	0	N	0-1	Calm	0	N	0-1	N	0-1	N	0	N	0	Calm	0	S	0	SSE	0	S	0	ESE	0	3
17	SE	3-4	SE	4-6	SE	4-7	SE	6-8	SE	5-6	SE	5-7	SE	5-7	SE	6-7	SE	7-8	SE	6-7	SE	7-8	SE	7-8	9
18	SE	7	SE	7	SE	4-5	SSE	0-1	SSE	2-3	SSE	2-3	SSE	2-3	SSE	2-3	S	3-4	E	2-3	E	2-3	E	3-4	7
19	ESE	4-6	ESE	4-5	SE	4-6	E	4-6	E	4-5	ESE	4-5	E	5-6	ESE	6-7	SE	6-7	SE	6	SE	5-6	SE	3-4	7
20	ESE	4-6	ESE	4-5	ESE	2-3	ESE	3-4	ESE	3-4	ESE	3-4	ESE	3-4	E	3-4	E	3-4	E	2-3	E	1-2	E	0	6
21	Calm	0	Calm	0	N	0-1	N	1	N	1-2	N	2-3	N	2-3	N	2-3	N	2-3	N	1-2	N	1-2	N	0-2	4
22	NW	0-3	N	2-4	NE	0-2	N	3-5	N	3-4	N	3-4	N	3-4	N	3-4	N	3-4	N	2-3	N	3-4	N	3-4	5
23	N	0-1	N	0-2	N	0-2	N	0	N	3-4	N	2-3	N	2-3	N	1-2	NNE	1-2	N	1-2	Calm	0	S	0-1	4
24	S	2	S	2	SW	1-2	SW	1	W	0-1	SW	2-3	SW	3-4	SW	3-4	SW	3-4	S	3-4	SW	3-4	S	3-4	4
25	SW	1-2	SW	1-2	SW	0-1	SW	0-1	WSW	2-3	W	2-3	SW	0-1	SW	1-2	SW	2-3	W	2-3	W	1-2	WSW	2-3	4
26	SE	1-2	SE	3-4	SW	1-2	SW	0-1	W	1-2	Var.	0-1	N	1-2	NW	2-3	N	1-2	WSW	2-3	NW	2-3	SSW	2-3	4
27	W	0-2	W	0-1	W	0-1	W	0-1	SW	1-2	SW	0-1	SW	1-2	SSW	0-1	SSW	0-1	S	1-2	SW	1-2	SSW	0-1	2
28	WSW	1-2	SSW	1-2	SSW	1-2	SSW	1-2	SW	1-2	W	2-3	WNW	1-2	W	1-2	WSW	2-3	W	1-2	W	1-2	W	1-2	3
29	SSW	0	NW	0-1	W	0	Calm	0	NNW	0-1	NNW	0-1	N	0	Calm	0	Calm	0	Calm	0	N	0	N	0	1
30	SSE	1	S	1	S	1	SW	1	SSW	1-2	SW	1-2	SW	1	SW	1	SSW	1-2	SSW	1-2	SSW	1	SSW	2-3	5
31	SSE	3-5	SE	4-6	SE	2-4	SE	3-4	SE	4-5	SE	5	SSE	5-6	SE	4-5	SE	4	SSE	3	SSE	2-4	SSE	3	7
MEAN		1·82		2·00		1·68		1·94		2·23		2·18		2·23		2·11		2·13		1·92		1·74		1·89	

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Force.
1	WSW	0-1	WSW	1-2	W	2	SW	0-1	SW	1	W	1-2	SW	2	W	2	WSW	2	W	1-2	SW	2	SW	3	1·8
2	SW	2-3	SW	2	SW	1-2	W	0-2	SW	0-1	WSW	0-1	WSW	0-1	Calm	0	SW	0-1	Calm	0	S	0-1	SSE	0	1·3
3	E	2-3	E	1-2	N	1-3	N	2-3	N	3-4	N	1-2	N	0-3	NE	2-3	NE	2-3	N	1-3	NNE	3	N	3-4	1·3
4	NE	0-2	NNW	4-5	N	2-3	NE	1-3	SW	3	NW	2	N	0-1	NNE	2-4	N	3-4	N	2-3	N	3-4	N	3	2·7
5	NW	0-1	Var.	0	WNW	1-2	NW	0-1	N	1	NNE	0	Calm	0	N	0-1	N	0-1	N	1-2	N	1	N	1-2	1·2
6	N	2	N	0-1	N	0-1	N	1-2	N	0-2	NE	0	SE	1	N	2	N	0-2	N	0-1	N	0-1	N	1-2	1·8
7	N	2-3	N	2	N	0-1	N	2-3	N	1-2	NNW	2	N	0-2	NW	1-2	NW	0-1	NW	2	NW	3-4	NW	2-3	1·7
8	SW	1	W	0-1	W	0-1	W	0-1	W	0-1	W	0-1	W	0-1	W	0-1	W	1	WNW	0-1	W	0-1	W	0-1	0·7
9	Calm	0	E	0	Var.	0	WNW	0	NE	0-1	N	0-1	E	0-1	NNE	0	Calm	0	Var.	0	NE	0-1	NNE	0-1	0·3
10	N	0-1	N	0-1	N	0-1	N	1	NE	0-1	N	1	NW	0-1	N	1	NW	1	NW	0-1	NW	1	NW	0-1	0·6
11	SW	3-4	NW	1	WNW	1	NW	1-2	W	1-2	NW	1-2	W	2-3	WSW	2-3	WSW	1-2	SW	3-4	WSW	2	W	3-5	2·6
12	W	1-2	W	0-1	W	1-2	NW	1-3	NW	1-2	Var.	2-3	NE	2-3	N	0-1	W	0-2	W	0-1	WSW	0-1	ESE	1-3	1·8
13	NW	0-1	NW	0-1	N	0	W	0-1	N	0	W	0-1	SW	0-1	W	0-1	SW	1-2	WSW	1-2	W	1	SW	2	1·0
14	SW	1-2	WSW	1-2	WSW	1	WSW	1-2	SW	2-3	SW	1-3	SW	2-3	WNW	1-2	SW	2-4	WSW	2-4	SW	3-4	W	0-1	1·9
15	Calm	0	W	0-1	N	1-2	NE	0-1	NNE	0-1	NE	1-2	NE	0-2	NE	0-2	N	0-2	NE	1-2	NNE	0-2	Var.	0	1·0
16	SSE	0-1	S	0-1	S	0-1	S	1	S	0-1	S	0-1	S	1	S	1-2	S	2	S	2	SE	2-3	ESE	3	0·7
17	SE	8-9	SE	8	SE	8-9	SE	9	SE	8-9	SE	8-9	SE	9	SE	9	SE	8-9	SE	9	SE	8-9	SE	8-9	7·4
18	E	3-4	E	3-4	ESE	0-2	E	2-3	ESE	3-4	ESE	3-4	E	3-4	SE	3-4	E	3-4	ESE	4-6	ESE	5-7	ESE	5-7	3·6
19	SE	3-4	SE	5-6	ESE	4-5	SE	3-4	ESE	4-5	E	4-5	E	4-5	ESE	3	ESE	3	E	4-5	ESE	4-5	ESE	5-7	4·7
20	E	0	NW	0	Calm	0	SE	1	ESE	1	Calm	0	E	0	ESE	0	E	0-1	E	0	E	1	ESE	0-1	1·7
21	N	1-2	N	0-2	N	2-3	NE	0-2	N	2-3	ENE	3-4	N	2-3	N	1-3	N	2-4	N	1-2	N	1-3	N	2-4	1·8
22	N	2-3	N	0-1	N	0-2	N	0-2	N	0-1	Calm	0	N	0-1	Var.	0	Var.	0	Calm	0	Calm	0	Var.	0-1	1·8
23	S	0	S	0-1	S	0	S	0	S	0-1	S	0	SW	0-1	SSW	0-1	S	0-1	S	1	S	1	S	1-2	0·9
24	SW	3-4	SW	0-1	SW	1-2	SW	1-2	WSW	1-2	SW	2-3	SSW	2-3	SW	1-2	SW	0	SW	0-1	SW	1-2	SW	0-2	2·0
25	SW	2-3	WSW	1-2	SW	1-3	S	1-2	S	3-4	S	3-4	S	3-4	SW	1-2	SW	0-1	SE	0-2	SE	1-2	SE	0-1	1·8
26	WNW	2-3	W	3-4	W	1-2	WNW	2-4	W	2-3	SW	2-3	SW	2-3	W	0-2	W	0-2	W	0-3	W	0-2	W	0-2	1·9
27	SW	0-1	WSW	0-1	W	0	W	0-1	SW	0	WSW	0-1	SW	0	Calm	0	Calm	0	Calm	0	W	0-1	W	0-1	0·6
28	WSW	1-2	WSW	0-1	N	0-1	SW	0-1	NNW	1-2	N	2-3	NE	1-2	N	0-1	N	0-1	W	0-1	WSW	1	SW	0-1	1·3
29	N	0	N	0-1	Calm	0	Var.	0	Calm	0	ENE	0	Calm	0	Calm	0	Calm	0	NNE	0	SE	0-1	SE	0-1	0·1
30	SSW	2-3	S	3	S	3	S	2-3	S	1	S	2-3	S	1-2	SSE	3-5	SSE	2-3	SSE	2-4	SSE	2	SSE	3	2·0
31	SE	3-5	SSE	4-5	SE	4-5	SSE	3-4	SSE	5-7	SE	6-7	S	4-6	SW	1-3	SW	1-2	SW	2-3	SW	3-4	SW	0-2	3·9
MEAN		1·84		1·65		1·53		1·61		1·82		1·89		1·77		1·58		1·53		1·71		1·97		2·00	1·87

N 157. NNE 12. NE 27. ENE 2. E 36. ESE 32. SE 56. SSE 22. S 47. SSW 20. SW 100. WSW 32. W 90. WNW 13. NW 44. NNW 5. Calm or Var. 49.

WIND. DIRECTION AND FORCE (0 to 12). SEPTEMBER 1891.

	1		2		3		4		5		6		7		8		9		10		11		12		Max.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	SSW	0-4	SW	4-5	S	3-5	SW	2-5	SW	3-5	SW	3-5	SSW	3-5	SW	4-5	SW	3-4	SW	3-5	SW	3-5	W	5-6	6
2	NW	1-2	W	1-2	SW	1-2	WNW	0-2	NW	3-5	NW	2-4	NW	1-3	SW	2-3	WNW	1-3	W	2-3	W	1-2	W	2-3	5
3	WNW	2-3	WSW	1-3	WSW	2-3	W	2-3	SSW	1	SSW	1-2	W	0-1	SW	1	S	1-2	SSW	2-3	SSW	2-3	SW	1-2	4
4	SE	3	SSE	3	SSE	2-3	SSE	2-3	SSE	2-3	SSE	2	SSE	2	SSE	1-2	S	1-2	S	1-2	SW	0-1	SW	1-2	3
5	W	1	W	1	W	2-3	W	2-3	SW	3	SW	3	SW	3	SW	2-3	SW	3	W	2	WSW	3-4	WSW	1-2	5
6	SW	3	W	3	SW	3	W	2-3	WSW	2-3	W	3-4	W	2-3	W	2-3	W	0-1	WSW	1-2	WSW	3-4	WSW	1-2	4
7	NNE	1-2	N	1	NE	1-3	Var.	1-3	Var.	2-3	N	3-4	Var.	0-1	N	1-2	N	2-3	N	2-3	NE	0-1	N	0-1	4
8	SE	2	SE	2	SE	3	SE	3	SE	3	SE	3	SE	3	SE	3-4	SE	4	SE	4	SE	4	SE	3-4	4
9	SSE	4	SSE	3	S	3	S	3	S	3-4	S	4	S	3-4	S	4	S	4-5	S	4-5	S	4-5	SSW	1-3	5
10	WSW	1-2	S	3	SW	2-3	S	2	S	2	SW	3-4	SSW	3-4	SSW	3-4	S	3-4	S	3-4	SSW	2-3	SSW	2-3	4
11	W	1	WNW	1	W	1	WSW	1	WSW	1-2	WSW	2-3	WSW	3	WSW	2-3	WSW	2	WSW	2-3	SW	1-2	SW	2-3	4
12	SSW	3-4	SW	4	SSW	3-4	SSW	4	WSW	3-4	SW	3	SW	4	SSW	4	SSW	2-3	SW	3	SW	2-3	SW	2-3	4
13	S	3	S	3	S	3-4	S	3-4	S	2-3	S	3-4	S	3	S	2-3	S	3	S	2-3	SSE	3-4	SE	3-4	4
14	SSE	2-3	SSE	2	S	2-3	S	0-1	S	1-2	S	0-1	WSW	3	WNW	1-2	NNW	2	N	0-1	Var.	0	N	0-1	3
15	NW	0-1	WNW	1	N	1	N	1	N	1	NNW	0-1	N	1-2	N	2-3	N	2	N	3-5	NNW	3-4	NNE	1-2	5
16	NNW	0-2	W	1-2	NW	1-2	W	1-2	W	2	W	1	NW	0-1	WNW	0-1	WNW	1-2	W	1	W	0-1	WNW	0	4
17	NW	2-3	NW	2	NNW	1	W	1	NW	0	WNW	0-1	W	2	W	1	NW	1	W	1	NW	1	WNW	1	3
18	W	1-3	WSW	1-3	W	3	W	2-3	NW	0-1	W	2-3	WNW	0-2	NNW	0-1	WNW	1	NW	1	NW	1	W	3	3
19	W	2-3	NW	1-3	NW	2-3	W	2-3	W	2	W	0-1	NW	0-1	NNW	1	NW	2	WNW	2-3	W	0-2	W	0-1	3
20	SW	1	SW	0-1	SSW	0	S	0-1	SSE	0-1	SE	1	S	0-1	SE	0	SE	0	Calm	0	Calm	0	NW	0	5
21	NNE	2-5	N	2-6	N	2-6	NE	3-6	NE	3-6	NE	1-4	N	1-4	NE	2-7	N	2-8	N	1-4	NNE	2-5	NE	1-6	8
22	ENE	1-3	N	1-3	N	2-4	NE	1-3	NE	1-3	ENE	1-3	ENE	0-2	ENE	0-1	ENE	0-1	ENE	0-1	SE	0-2	E	0-1	4
23	NW	0-1	N	0	ESE	0-1	SE	1	SE	2	SE	2	SE	2	SE	2-3	SSE	2-3	SE	3	SE	3-4	SE	3-4	6
24	SE	5	SE	6	SE	5	SE	5	SE	2-3	SE	3-4	SE	3-4	SE	3	SE	3-4	SE	3-4	SSW	3-4	WSW	1-2	6
25	W	1-2	W	2	W	1-2	W	2-3	WSW	1-2	SW	1-2	SW	1-2	SW	1-2	WSW	1-2	SSW	2-3	S	2-3	SSW	3	6
26	SW	2-6	SW	3-5	WSW	3-6	SW	3-5	WSW	1-3	SW	3-4	WSW	2-3	SW	4-5	WSW	3-6	SW	2-5	SW	0-4	SW	3-5	6
27	NNW	1-3	N	1-3	N	1-3	N	2-4	NNW	0-3	NNW	0-2	NW	0-3	NNE	0-4	NNE	1-3	N	0	NW	1-3	N	0-2	4
28	W	2-4	WSW	2-4	SW	4	SW	4-5	SW	3-4	SW	2-5	SW	3-5	WSW	2-5	WSW	3-4	WSW	3-5	SW	1-3	SW	4-5	7
29	W	3-4	W	2-4	W	2-4	SSW	3-5	WSW	2-5	SW	2-5	SW	2-5	SW	4-5	WSW	2-5	WSW	3-4	W	3-5	W	2-5	5
30	WNW	2-4	WNW	2-3	W	2-4	WSW	2-3	SSW	2-3	WSW	1-3	SW	3-4	SSW	3-4	SW	3-4	S	4	SSW	4-5	SW	3-5	5
MEAN		2·32		2·38		2·55		2·52		2·28		2·38		2·30		2·43		2·45		2·45		2·33		2·22	

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Force.
1	SW	5-6	WSW	3-5	W	3-4	W	0-1	W	0-1	W	1-2	WNW	1-2	W	0	NW	2-4	NW	0-2	NW	0-1	NW	0-2	2·9
2	W	1-2	SW	0-1	NE	0-1	NW	0-1	W	0-1	WNW	1-2	WSW	1-3	WSW	2	SW	2-3	SW	2	SW	2	W	1-2	1·8
3	Calm	0	SSW	2-3	S	2	SSE	3	S	2-3	S	1-2	SSE	2-3	SSE	3	SSE	3-4	SSE	3-4	SSE	3-4	SSE	3	2·2
4	SW	1	S	2	SSE	2	SSW	1	SW	2	SW	1-2	SW	1	WSW	0-1	W	0-1	WSW	1	W	1	W	2	1·6
5	WSW	1-2	WSW	0-1	SW	2-3	W	2-3	SW	2-3	SW	3-4	SW	3-4	SW	3-5	SW	1-3	WSW	2	WSW	2-3	W	1-3	2·4
6	W	1-2	W	2	W	2-3	WNW	1-3	NW	2-3	NE	0-2	NE	0-1	NE	1	NE	1-2	NNE	1-3	NE	1-3	NE	0-1	2·0
7	N	0	NE	0-2	Var.	0-1	NNE	0-1	N	0-1	Calm	0	NW	0	N	0	SE	0-1	SE	2	SE	2	SE	2	1·2
8	SE	3-4	SSE	3	SSE	3	S	3	SSW	3	S	2-3	SSW	2-3	SSE	2	S	4	S	4	S	4	S	4	3·2
9	SSW	3-4	SW	2-4	SW	3	WSW	3	SSW	2-3	SSW	2-3	SW	2-3	SSW	2-3	SW	2	SSW	2-3	S	2-3	SW	3	3·2
10	SSW	2-4	SW	1-2	SW	3	SW	3-4	SW	3-4	WSW	1-2	WSW	0-1	W	1	W	2	WNW	2	W	2-3	W	2	2·5
11	SW	2-3	SSW	2	SW	2-3	SW	2	SSW	3-4	SSW	3-4	SW	2-3	SSW	3-4	SW	3-4	SSW	3	SSW	3	SW	3-4	2·4
12	SSW	3	SW	2-3	SSW	3-4	S	3	S	3	S	1-2	S	2-3	S	3	S	2	S	2	S	3	S	2	2·9
13	SSE	2-3	SW	1-2	SE	2	SSE	1-2	SE	3	SSE	2-3	SSE	3	S	2	S	1-2	S	1-2	S	2	S	3-4	2·6
14	N	1	NNE	0-1	NNE	1-2	NNW	1-2	N	0-1	NNW	0-1	NNW	0-1	NNW	1	NNW	1-2	Var.	0-1	NW	1	NNW	1	1·2
15	NW	1	WNW	1-3	NW	1	W	1	N	1	NW	1	WNW	2	NW	1	NNW	1-2	NW	2	WNW	2	WNW	0-2	1·5
16	W	2	WNW	2	WSW	3	WSW	2-3	W	0-2	WNW	3-4	W	2	NW	3	NW	3	WNW	2-3	NW	3	W	2-3	1·8
17	W	0	WSW	1	W	1-2	W	1	WSW	1	W	1	W	1	W	1-2	SW	2	WSW	1-2	WSW	2	W	2-3	1·3
18	NW	2	W	2	WNW	2	W	1-2	NW	2	NW	0-3	W	2	WNW	2	NW	1-3	W	1-2	N	1-3	WNW	1-3	1·8
19	W	2	N	0-2	NW	1	W	1-2	Calm	0	W	0	W	1-2	W	0-1	WSW	2	WSW	0-1	SW	1-2	SW	1-2	1·4
20	N	0-1	N	1-2	NNW	1-3	N	1-3	NNE	1-3	NE	1-3	NNE	1-4	NNE	2-4	NNE	2-5	N	3-5	NNE	2-5	NE	2-5	1·4
21	NNE	2-5	N	2-7	N	3-7	N	2-5	NNE	3-6	N	5-7	N	3-7	NE	2-6	NE	2-6	N	4-6	NNE	2-5	N	2-6	4·0
22	SE	0-1	Calm	0	S	0	SE	0	S	0	Calm	0	SE	0	Calm	0	SW	0-1	W	1	W	0-1	NW	0-1	0·8
23	SSE	3	SSW	4	SSE	4	SE	4	SE	3-4	SE	4-5	SSE	4-5	SE	5-6	SSE	5-6	SE	5-6	SE	6	SE	5-6	3·3
24	WNW	0-1	W	1-3	SW	3	W	1-3	W	1-3	W	1-2	SW	0-2	W	3-4	W	2-4	W	2-4	W	1-2	W	1-2	2·9
25	S	3-4	S	3-4	SSE	4	SSE	5	S	5-6	S	4-5	S	4-5	S	5-6	S	4-6	S	5	SSW	3-6	SW	3-6	3·2
26	WNW	3-5	W	3-5	W	0-4	WNW	2-5	W	2-5	NW	0-4	WNW	0-3	NW	2-4	NW	2-4	W	1-3	NW	1-3	NW	2-4	3·2
27	N	0-3	NW	1-3	N	1-3	NW	1-2	NNE	0-2	NW	1-4	NW	1-3	N	1-2	N	0-1	NW	0-1	NW	1	NW	1-3	1·6
28	SW	2-4	W	2-3	WSW	3-5	W	4-5	SW	3-5	SW	4-7	WSW	2-5	W	2-5	NW	2-5	WSW	3-5	WSW	3-5	W	3-4	3·7
29	WSW	2-4	WSW	3	W	2-3	W	2-4	WNW	2-4	NW	2-3	WNW	2	WNW	3-4	W	3-4	W	2-3	WNW	2-3	W	3-4	3·2
30	W	1-3	SW	3-4	SW	3-4	WSW	3-4	WNW	1-4	SSW	1-3	SW	0-1	WNW	2-3	WNW	1-3	W	2-3	WSW	1-3	W	1-2	2·8
MEAN		2·07		2·17		2·42		2·25		2·22		2·17		2·02		2·30		2·48		2·40		2·43		2·45	2·33

N 51. NNE 18. NE 22. ENE 6. E 2. ESE 1. SE 53. SSE 35. S 71. SSW 44. SW 102. WSW 63. W 120. WNW 41. NW 59. NNW 18. Calm or Var. 14.

WIND. DIRECTION AND FORCE (0 to 12). OCTOBER 1891.

	1		2		3		4		5		6		7		8		9		10		11		12		Max.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	SW	2-3	WSW	2	W	0-1	WSW	1-2	WSW	1-3	SW	0-1	W	1	W	3	WSW	1-2	WSW	2	SW	2	WSW	1	3
2	SSW	2-3	Calm	0	N	0-1	Calm	0	W	0-1	SE	1	N	0	N	0	N	0	Calm	0	Calm	0	Calm	0	3
3	SW	3-4	SSW	4	S	3-4	S	3	SW	2-3	W	2-4	SW	2-3	WSW	2-3	W	1-2	W	1-2	W	2	WSW	2	5
4	S	1-4	Var.	2-5	Var.	0-2	W	3-4	W	3-4	W	0-2	WSW	0-3	WSW	3	SW	4-5	W	0-3	SW	0-4	WSW	3	5
5	S	5	S	5	S	4	S	5	S	4-5	S	3	SSW	3	S	3-4	S	3-4	S	3	S	6	SSE	5-6	11
6	SE	9	SE	7-9	SE	7-9	SE	8	SE	8-9	SE	8	SE	6-7	SE	7	SE	3-4	SE	5-6	SE	4	SE	6-7	9
7	SE	4	SE	4	SE	4	SSE	4-5	SSE	4-5	S	4-5	S	0-3	S	4	S	3	SSW	3	SW	2-3	SSW	2	5
8	SSW	3	SW	3	SW	2-3	SW	3	S	2-4	WSW	0-3	SSW	0-3	SW	3-4	SSW	3	SW	3-4	SSW	0-2	SW	0-2	10
9	SSE	7	S	5-8	SW	4	SW	2-5	SW	3-4	SW	0-3	WSW	2-7	SW	0-6	SW	2-6	W	0-6	SW	2-6	W	0-6	8
10	W	3-4	SW	2-4	WSW	2-4	W	2-3	W	2-3	SW	0-3	SW	0-3	SW	0-4	SW	0-3	SW	0-3	SSW	2	SW	0-3	4
11	S	2-3	S	3-4	S	4	S	3	S	4	S	6-7	SSE	8	SE	8	SE	7-9	SE	7-8	SE	8-9	SE	9	9
12	S	2-4	S	2-4	SSW	3-4	SW	2-4	SW	2-4	SW	0	Var.	0	NW	0-3	W	0	SW	0-3	S	3	SSW	3-4	4
13	S	2	S	2-3	S	2-3	SSE	2-3	SE	3	S	2-3	S	3	SE	4-5	SE	4-5	SSE	4	SE	6	SE	4-5	11
14	W	3-8	W	4-8	W	3-6	WSW	3-6	WSW	3-5	SW	0-5	SW	0-6	SW	0-7	WSW	2-7	SW	2-8	SW	0-7	SW	2-7	8
15	W	3-4	SW	3-4	SW	3-4	WSW	2-3	SW	3-4	SSW	0-3	SW	2	SSW	2	SSW	2	SW	2-3	SW	2	WSW	0-2	4
16	S	2-3	S	3-4	SE	3-4	SE	5	ESE	6-7	ESE	6-7	ESE	7	ESE	7-8	E	7	SE	6-7	SE	4	SE	5-6	8
17	Var.	0-1	Var.	0-1	Var.	1-2	Var.	0-1	E	1-2	E	1-2	NW	2-3	N	1-2	SE	1-2	N	1	N	1-2	E	1-2	3
18	N	0-1	N	2	N	0-1	N	1-2	NW	2	W	2-3	WNW	1-2	WSW	1-2	SW	2-3	W	2-3	SSW	1-2	SSW	3-4	10
19	SW	3-4	WNW	2	SW	2-3	SW	2-3	S	3-4	W	4	S	2-3	W	2-3	Calm	0	N	1-2	Calm	0	W	0-1	4
20	S	3-4	SSW	3	SSW	2-3	SSW	3	SSW	3-4	S	3	SSW	3	S	2-3	S	3-4	SE	3-4	S	4	S	3-4	9
21	SSE	7-8	SE	7	SSE	5-6	SE	4	SE	5-6	SE	5	SE	4-5	SE	3-4	SE	4-5	SE	5-6	SE	6-7	SE	4	8
22	SSE	5	SSE	4-5	SE	4	S	3-4	SSE	2-3	SSE	2-3	SSE	2-3	SSE	2	SSE	2	SE	1-2	SSE	0-1	Calm	0	5
23	S	1	S	1-2	Calm	0	SW	0-1	NW	0-1	N	0-1	N	0-1	Calm	0	Calm	0	Calm	0	NW	0-1	NW	0-1	2
24	W	1-2	Var.	0	NW	1-3	W	0-1	N	1-2	Calm	0	N	1-2	N	1-2	N	1-2	N	0-1	S	0-1	N	1-2	3
25	SE	1	Calm	0	SSE	0-1	S	0-1	S	0-1	S	0-1	S	1	Calm	0	Calm	0	SE	1-2	SE	1-2	SE	1-2	3
26	E	2	E	0-1	NE	0-1	NE	0-1	NW	0-1	E	1-2	E	2	E	2	E	2-3	E	2-3	E	2-3	SSE	2	4
27	E	1-2	E	2-3	E	2	E	3-4	ESE	3-4	E	4-5	E	3-4	E	3-4	ESE	4	SE	4-5	SE	4	ESE	5-6	6
28	SE	4	SE	4-5	SE	4	SE	4	ESE	3-4	SSE	3	S	3-5	SE	4-5	SE	3	SE	1-2	SE	2-3	SE	2	5
29	W	0-1	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	3
30	N	2-3	N	2	N	2-3	N	2-3	N	1-2	N	1-2	N	1	N	1	N	1	N	1	N	0-1	NNE	0-1	3
31	E	3	E	3-4	E	3	E	3	ESE	2-3	E	3	E	3	S	3	SE	3	SE	3-4	SE	3	ESE	4	4
MEAN		3·19		3·05		2·69		2·74		2·95		2·52		2·56		2·82		2·62		2·65		2·63		2·71	

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Force.
1	SW	2	SW	1-2	SSW	2	SSW	1-2	SW	1	W	1	WSW	0-1	SW	2	SW	2-3	SSW	2-3	SW	2	SW	2	1·7
2	S	0	W	1	S	0-1	W	1	WSW	0-1	NW	1-2	SW	2	SW	2	SW	2-3	SW	3	SW	3	SW	2-3	1·0
3	SW	0-1	W	1-2	W	3-4	SW	3-4	NW	0-2	WNW	0-2	SW	2	SW	3	SW	3-4	SW	3	S	4-5	SSW	3-5	2·6
4	SW	2	S	4	SSE	4	S	4	SSW	3	SSW	3	S	3	S	4	S	4-5	S	4-5	S	4-5	S	5	3·2
5	SSE	7-8	S	8-9	SE	9	SE	6-7	SE	9	SE	8-9	SE	8	SE	7-8	SE	9-10	SE	10	SE	10-11	SE	8-9	6·4
6	S	2-3	S	3	S	4	S	2-3	S	3	S	2-3	S	3	S	3	S	3-4	SSE	4-5	SSE	5	SSE	4	5·1
7	SW	3	S	3-4	S	3-4	SSW	3-4	WSW	3-4	SW	2-3	SW	2-4	S	3-4	SSW	2-3	SSW	2-3	S	3-4	S	3-4	3·3
8	WSW	2-3	SE	4	S	4	SSE	4-5	S	5	SSE	6-7	SE	7-8	SE	8	SE	9	SE	9-10	SE	8-10	SE	8-9	4·5
9	SW	2-7	W	2-6	SSW	4-5	SW	3-5	W	0-5	SW	0-4	SW	0-5	WSW	3-4	W	3-4	W	3-4	W	3-4	WSW	3-4	3·7
10	S	3-4	S	2-4	S	2-3	SSW	3	S	3-4	SSW	3-4	S	3	SSE	3-4	SSE	3	SSE	3	SSE	3	S	2-3	2·6
11	SSE	7-9	SE	9	SE	8-9	SE	9	SSE	8	S	0	SW	0-2	S	2-3	SSW	3	S	2-3	SW	1-3	SSW	1-3	5·3
12	SW	2-3	SW	0-2	SW	2-3	S	2-3	S	4	SW	3-4	S	3	S	1-2	S	2-3	S	1-2	S	2-3	Var.	0-1	2·2
13	SE	4-5	SE	6-7	ESE	6-7	ESE	7-8	ESE	9	ESE	10	ESE	11	E	11	SE	8-9	SE	9-10	S	4-8	SW	3-8	5·7
14	W	0-3	WSW	0-4	W	1-4	W	1-4	WSW	0-2	NW	2-5	NNW	4	SW	3	WNW	2-3	SW	2-4	WSW	2-4	SW	3-4	3·5
15	WSW	0-2	NW	0-2	WSW	2-3	W	1-2	W	3	NNW	2	W	0	Var.	0-1	NW	1-2	W	1-2	SW	2-3	SW	2	2·0
16	ESE	5-6	E	5-6	SE	4-5	ESE	4	S	0-2	WSW	0-1	W	1-2	WNW	2-3	N	2-3	N	2-3	E	1-2	N	2	4·1
17	N	2-3	NE	1-2	NE	0	ENE	1-2	SSE	1-2	Calm	0	Calm	0	NNE	1-2	N	0-1	NNE	1-2	NE	1	NE	1	1·2
18	S	4	S	4-5	SSE	4	SSE	4-5	S	5-6	S	4-5	S	7	S	5-6	S	8	SSE	8-10	S	7-9	S	7-8	3·9
19	Calm	0	Calm	0	N	1-2	SW	2-3	W	1-2	SSW	2	SW	2-3	SW	2-3	S	2-3	S	3-4	S	4	S	2-4	2·1
20	SSE	4	SSE	4-5	SE	4-5	SSE	4-5	SE	5-6	SSE	6-7	SSE	7	SE	8	SE	8	SE	8	SE	8-9	SE	9	4·9
21	SSE	4	SSE	3-4	SSE	4-5	SE	4-5	SSE	5-6	SSE	5-6	SSE	5-6	SSE	5-6	SE	7-8	SSE	6-7	SE	6-7	SE	5-6	5·3
22	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	S	0-1	S	1	S	1	S	1	1·4
23	NW	1	NNW	0-1	WNW	2	NNW	1-2	WNW	1-2	W	2	W	1-2	NW	1-2	W	1-2	WNW	1-2	WSW	0-1	W	2	1·0
24	N	0-1	W	0-1	N	0-1	N	1-2	N	2	N	1-2	N	0-1	WNW	2	N	0-1	Calm	0	Calm	0	ESE	0-1	0·9
25	SE	2	SE	1-2	ESE	2	E	1	SE	1-2	SE	1-2	SE	2-3	E	1-2	E	2	E	1-2	NE	1	E	2	1·2
26	E	3	E	2-3	E	0-1	E	3	ESE	3	ESE	3-4	ESE	4	ESE	3-4	E	3-4	E	3	E	3-4	E	3	2·3
27	SE	3-4	E	3-4	E	3	ESE	4	ESE	3-4	SE	2-3	SE	4	SE	4	E	4-5	ESE	3-4	ESE	3-4	SE	4	3·6
28	SSE	1-2	SSE	1	S	0-1	S	0-1	S	0-1	S	0-1	Calm	0	S	0-1	S	0-1	S	0-1	S	0-1	SW	0	2·0
29	NW	0-1	N	0-1	NW	1-2	NNW	1-2	N	1	N	1	N	1-2	N	2	N	2-3	N	1-2	N	1-2	N	1-2	0·7
30	Calm	0	NW	0-1	NE	0-1	NE	1	NNE	0-1	E	1	E	1-2	E	2	E	2-3	E	2-3	E	2-3	E	3	1·5
31	SE	3-4	ESE	3-4	ESE	4	ESE	3-4	SE	3-4	SE	3-4	SE	3	E	3	E	3	SE	3-4	SE	3-4	ESE	3-4	3·3
MEAN		2·62		2·81		3·02		3·10		3·05		2·81		3·08		3·35		3·61		3·66		3·60		3·42	2·97

N 53. NNE 4. NE 9. ENE 1. E 53. ESE 31. SE 117. SSE 52. S 122. SSW 37. SW 93. WSW 33. W 59. WNW 9. NW 19 NNW 5. Calm or Var. 53.

WIND. DIRECTION AND FORCE (0 to 12). NOVEMBER 1891.

	1		2		3		4		5		6		7		8		9		10		11		12		Max.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n	Force.	Dir'n.	Force.	
1	ESE	3	ESE	3-4	ESE	3	E	3	SE	2	SE	2-3	SE	3	SE	3	SE	3	SE	2-3	SSE	2-3	SE	3	4
2	ESE	3-4	SE	3-4	ESE	3	SE	3-4	SE	4	SE	3	SE	3-4	SE	3-4	SE	3	SE	3	SE	3	E	1-2	4
3	SE	2-3	SE	2-3	SE	2-3	SE	2-3	SSE	2-3	S	3	S	1-2	SSE	1-2	SSE	1-2	SE	1-2	S	1	SE	0-1	3
4	N	0-1	N	0-1	N	1	N	1-2	N	1-2	E	1	E	1	Calm	0	E	0-1	E	1-2	Var.	0-1	NE	1	2
5	N	0	N	0-1	Var.	0-1	N	0-1	N	1	N	1-2	NNE	1-2	N	1	N	2	N	1	E	1-2	E	1-2	3
6	WNW	0-1	W	0-1	NNW	0-1	NNW	0-1	N	0-1	W	0-1	Calm	0	N	0-1	NW	1	W	0-1	SW	2	SW	2	3
7	NNW	1-2	N	0-1	NNE	1-2	N	1	N	0-1	Calm	0	Calm	0	WNW	0-1	NW	0-1	WNW	0-1	W	1	SW	1-2	4
8	SSW	3-5	SW	3-4	SSW	3-5	SW	3-6	S	4-6	S	4-6	S	4-7	SSW	2-6	SW	2-5	SW	2-4	S	3-6	SW	2-5	7
9	SW	2-4	SSW	3-4	SW	3-4	SW	2-4	W	1-4	WSW	2-4	W	3-4	Var.	1-4	WSW	2-3	W	2-4	W	2-3	SW	2-4	4
10	SW	3	SW	3-4	WSW	2-3	NW	1-2	NW	1-2	W	1-3	WSW	0-3	W	1-3	W	1-4	W	2-3	W	0-2	W	2	5
11	SE	5-6	SE	5-6	ESE	6-7	SE	7	SSE	7-8	SSE	6-7	SSE	9	SSE	8-9	SE	9	SE	8-9	SE	5-8	E	4-6	9
12	N	2-4	N	3-5	N	1-4	N	2-4	N	1-4	N	1-4	N	2	NW	1-3	WNW	1-3	WNW	1-3	SW	3-4	S	2-4	6
13	ESE	6	ESE	6-7	ESE	7	ESE	5-6	ESE	7	SE	6-7	ESE	7	ESE	7	ESE	8-9	ESE	9-10	ESE	9-10	ESE	9-10	10
14	SSW	1-2	SW	1-2	SSW	1	SW	1	SW	1	SW	2	SSW	1-2	S	1	S	1	S	1-2	S	2	S	2	4
15	E	3-4	SE	4	E	2-3	ESE	3	E	2-3	E	2	E	3	E	3	SE	3	ESE	3	E	3	E	3	4
16	E	4	ESE	4-5	ESE	4	ESE	3-4	SE	3-4	ESE	3	SE	3	SE	3	SE	2	SE	3	SE	3	SE	3	5
17	ESE	3-4	ESE	4	SE	4	SE	4	SSE	3-4	SE	2	SW	2	SW	2	WSW	1-2	SW	2	SW	2	SW	2	4
18	WNW	1-2	SW	1	S	1	SE	2-3	SSE	3	SE	4	SE	4	SE	5	SE	5-6	SE	5-6	SE	5	SE	6	7
19	SW	1-3	SW	3-4	SW	3	SW	2-3	SSW	3-5	SW	2-4	SW	2-5	SSW	3-5	SW	3-5	SW	3-5	SSW	2-4	SW	2-4	5
20	NE	0-1	NE	1-2	NE	1-2	NE	2-3	Var.	0-1	NE	1	N	1	N	1	NW	2	W	1	NNW	1	NW	0-1	4
21	NNW	1-3	N	1-2	N	1-2	N	1-2	NNE	1-2	NW	0	N	1-3	N	1-3	N	1-3	NW	1-2	NW	1-2	NW	2	3
22	N	1-2	N	0-1	NW	1-2	NNW	1	N	1-2	NE	0-1	NE	0-1	E	1	E	2	E	3	SE	2	SE	2	3
23	SE	3	S	2-3	S	2	SSW	0-1	SW	1	S	2	S	1	S	2	SSE	2	S	1-2	SSE	1	S	0-1	3
24	NNW	1	NW	1	NNW	1-2	N	1-2	N	1-2	N	2	N	2	N	0-1	W	0-1	SW	1	SW	0-1	S	1	4
25	SE	4	SE	4-5	SE	4-5	SSE	5-6	SE	4-5	SE	5	SE	5	SE	3-4	SE	3	S	2	S	2	S	1	6
26	S	0-1	SSW	1	SW	2	SW	1-2	SW	1	WSW	1	WSW	1-2	W	0-1	Calm	0	WSW	0-1	SW	1	SW	0-1	2
27	NNW	1-2	NNW	1-2	Var.	0-2	N	2	NNW	1-2	N	2	N	2	N	2	NW	1-2	NW	1-2	NW	2	W	2	3
28	S	4	S	4	SE	4	SE	3	SE	4	SE	5-6	SE	5-6	SE	5-6	SE	7	SE	8-9	SE	9-10	SE	10	10
29	S	4-7	SW	5-8	SW	5-7	WSW	4-7	W	4-6	WNW	4-6	NW	3-4	WNW	3-4	NW	2-3	W	2-4	WNW	2-4	WNW	1-4	8
30	SW	4	SSW	4-5	SSW	3-4	S	4	S	4-5	S	5	S	4-5	SSE	4	SSW	4	SSW	3-5	SW	4	SW	3-4	5
MEAN		2·65		2·85		2·75		2·73		2·73		2·73		2·82		2·65		2·77		2·85		2·82		2·72	

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Force.
1	SE	3-4	SE	3-4	SE	3-4	ESE	3-4	SE	3-4	SE	3	ESE	4	E	3	E	3-4	E	4	ESE	2-3	E	3-4	3·1
2	SE	3	SE	3	SSE	2-3	SSE	2	S	1-2	S	1	S	1-2	SE	2-3	SE	2-3	SE	2-3	ESE	2-3	SE	2-3	2·7
3	Calm	0	SE	0-1	SSE	0-1	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	N	0-1	N	0	Calm	0	Calm	0	1·0
4	Var.	0-1	E	0-1	E	0-1	ENE	0	Calm	0	Calm	0	Calm	0	SSE	0-1	SSE	0	SE	0	W	0	W	0-1	0·5
5	N	1-2	N	1	N	1	N	1-2	N	1-2	N	2-3	N	1-2	N	1-2	N	1	N	1-2	N	0-1	WNW	0-1	1·2
6	SW	2-3	SW	2-3	S	1-2	SW	1-2	SW	1-2	S	2-3	NW	0-1	W	1-2	WSW	2	SW	2	SW	2	Var.	1-2	1·3
7	SW	1	SSW	0-1	SW	1-2	SW	1-2	SW	2-3	SW	1-4	S	3	SSW	2-3	SSW	3-4	SW	3	SSW	3	SSW	3-4	1·5
8	W	2-3	W	0-4	SW	2-4	WSW	1-4	Var.	2-7	WSW	2-4	SSW	4-7	SW	3-5	SW	3-5	SW	3-4	SSW	3-4	SW	3-4	3·8
9	SW	0-2	W	0-2	SSW	2-3	SSW	2-3	SW	2	W	1-2	W	1-2	SW	1-3	SSW	2-3	SW	3-4	SW	3	SW	1-3	2·5
10	S	1-5	SW	1-3	SW	3	SSW	3-4	S	3-4	S	1-3	SSW	4-5	S	3	S	2-3	S	3	S	3	SE	4	2·6
11	E	2-4	Var.	1-3	Calm	0	N	0-1	N	1-2	N	3	N	0-3	N	2-3	NNE	2-4	N	2-4	N	1-4	N	2-4	4·6
12	SSW	2-4	S	1-4	S	2-3	SSE	3-4	S	4-5	S	5-6	SSE	4-6	SE	4-5	SE	5	SE	5-6	SE	6	ESE	5-6	3·5
13	ESE	5-8	E	4-6	E	3-5	ESE	4-5	ESE	4	E	3-5	E	5	E	4-6	E	4-5	SE	2-3	SW	1-2	SW	2	5·8
14	S	0-1	SE	2	SSE	3-4	SE	3	SE	3	SE	3	SE	3	ESE	3	ESE	4	ESE	4	SE	3-4	ESE	4	2·2
15	E	2	E	3	ESE	3-4	E	2-3	E	3-4	E	3	E	3	E	3	ESE	3-4	E	3	ESE	4	ESE	4	3·1
16	SE	3	ESE	3-4	ESE	3-4	E	3	ESE	4	ESE	4	SE	3	SE	3-4	ESE	4	SE	3-4	ESE	3-4	ESE	3-4	3·4
17	WSW	2	SW	2	W	1	NW	0-1	W	1	W	1-2	Calm	0	N	0-1	WNW	1	N	0-1	N	0-1	N	1	1·8
18	SE	7	ESE	7	SE	4-5	SE	5	SSW	5	SW	3	SW	2-3	SW	3-4	WSW	2-3	SW	2-3	SW	3	SW	2-3	3·8
19	SW	3-4	SW	2-3	W	2-4	WSW	2-4	WSW	3	SW	3-4	WSW	3	W	1-3	NW	2-4	W	1-2	N	0-2	NW	1-2	2·9
20	N	1-3	NW	1	N	2	N	2-3	N	2-4	WNW	1-2	W	1-2	Var.	1-2	N	0-1	Var.	0-1	Var.	0-1	N	1-2	1·3
21	NW	1-3	Calm	0	NE	1-2	Var.	0-2	N	1-2	NW	1-3	N	1-3	NE	1-2	NE	1-2	N	2	N	1-2	Var.	1-2	1·5
22	SE	1	SE	1	SE	1	SE	0-1	SSE	0-1	SSE	1	SSE	1	SE	2-3	SE	2-3	SE	2-3	SE	2-3	SE	2	1·5
23	S	1	S	2	SSW	1-2	S	2	SSW	2	SSW	1-2	SSW	1	S	1-2	S	0-1	Calm	0	N	1	N	2	1·5
24	SSW	1	S	2	S	1-2	S	2	SSW	2	SSW	2	S	2	SE	2-3	SSE	3-4	SE	3-4	SSE	4	SSE	3-4	1·8
25	S	1	SSW	1	WNW	2	SW	1-2	SW	1	SW	0-1	WSW	0-1	W	1	W	2	W	2	SW	1	S	2	2·5
26	SW	1	W	0	NNW	1-2	WNW	1-2	N	0-1	N	0-2	N	0-1	N	1	NNW	1-2	N	1-2	Var.	0	Var.	0	0·9
27	W	2-3	SW	1	SW	2	WSW	2-3	WSW	2-3	WSW	2	SW	2	SW	2	SSW	3	SSW	3	SSW	3	S	3	2·0
28	SE	9-10	SE	10	SE	8-10	SE	7-8	SE	6-7	SSE	6-7	S	5-6	SSW	5	SE	5	SE	5-6	S	5-6	S	5-6	6·3
29	WNW	1-3	W	2-3	NW	1-3	NW	1-3	W	1-3	WNW	1-2	W	1	W	2	W	2-3	SW	3-4	SSW	3-4	SW	4	3·3
30	SSW	2-3	SW	2-4	W	2-3	SW	2-3	WSW	2-3	SW	3-4	SW	3	SW	3	SW	3-4	S	3	S	3	S	3	3·5
MEAN		2·48		2·32		2·38		2·32		2·47		2·38		2·27		2·40		2·62		2·53		2·37		2·55	2·59

N 88. NNE 4. NE 11. ENE 1. E 43. ESE 49. SE 120. SSE 29. S 69. SSW 44. SW 100. WSW 22. W 47. WNW 17. NW 27. NNW 13. Calm or Var. 36.

WIND. DIRECTION AND FORCE (0 to 12). DECEMBER 1891.

	1		2		3		4		5		6		7		8		9		10		11		12		Max.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	SSE	4	SE	4	S	3-4	S	4-5	SSE	5	SSE	5	SSE	6-7	S	6	SE	6-7	SE	7-8	SE	5-7	SSE	8-9	9
2	W	1-2	W	1	SSW	2	S	3	S	3	S	3-4	SE	3	SE	3	S	2	SSW	2-3	SW	2	SSW	2-3	7
3	SSE	6-7	SSE	6-8	SSE	8-9	SSE	9	S	7-9	S	6-9	SSW	4-8	SSW	6-9	SW	5-8	SW	5-7	SW	6-9	SW	6-9	9
4	NW	2-4	WNW	3-4	NW	2-4	NW	2-4	W	2-4	W	1-2	W	2-4	W	2-4	W	2-4	SW	3-5	WSW	2-4	WNW	2-4	7
5	SW	4-8	SW	4-6	WSW	4-6	WNW	3-5	WNW	1-3	W	1-3	W	1-2	WSW	1-3	W	2-4	WSW	2-4	WSW	2-4	WSW	2-4	8
6	WSW	2-3	WSW	2-3	NW	1-3	NW	1-3	WSW	1-3	N	1	NW	1-2	NW	1-3	NNW	1-3	NW	1-2	W	1-3	N	1-3	3
7	WSW	2	WSW	1-2	W	1-2	SSW	1-2	SE	0-1	Calm	0	Calm	0	W	0-1	N	0-1	N	0-1	N	0-1	N	1-2	3
8	WSW	3	WSW	2-3	W	2-4	WNW	2-3	NW	0-2	NW	2-3	NW	1-2	Calm	0	N	1-2	N	1-2	NNW	2	NNW	2	5
9	WSW	2-4	SW	3	SW	3	WSW	3	WSW	2	WSW	2	W	1-2	W	3	W	1-3	WSW	3	SW	3-4	WSW	3	6
10	WNW	3-6	W	3-6	NW	2-6	NW	2-5	W	2-5	Var.	0-2	Var.	0-3	NE	0-2	NE	0	N	0-1	NE	0	N	1-2	6
11	NE	3-4	NNE	2-5	NNE	3-6	NE	2-4	N	1-3	N	2-4	NNE	1-2	NE	0-2	N	1-3	N	0-3	N	1-2	NE	2-3	6
12	NE	2-5	N	1-4	N	0-3	NNE	1-3	NNE	1-2	N	1	N	1	NW	0-1	SW	1	S	1	S	1	S	1-2	7
13	S	3	SSW	3	SSW	3	SW	2	SW	1-2	W	2	WSW	2	WSW	1	WSW	1-2	W	1	W	0-1	N	0-1	3
14	NE	1	NE	2-3	N	2-3	NNE	1-2	NNE	1-3	N	1-3	NNE	1-3	Var.	1-2	N	0-2	N	0-1	N	1-2	N	0-2	3
15	WNW	2	WSW	1	SW	1-2	SW	1	WSW	1-2	SE	2	ESE	2	SE	3	SE	3	SE	3	SE	4	SE	4	5
16	W	2-6	NW	1-4	W	2-4	WSW	4	Var.	1-2	N	1-3	N	2-5	N	2-6	N	2-6	N	3-4	N	1-4	N	2-4	6
17	SSW	1-2	SSW	1-2	SSE	1	SSE	1	SE	2	SE	3	SE	3	SE	3	SE	3-4	SSE	3	SSE	4	S	4-5	5
18	SW	3-4	SW	3	SW	3	SW	3	SSW	3	S	3	SSW	2-3	S	2-3	SSW	2-3	S	2-3	SSW	3	SSW	2-3	5
19	WSW	3-5	SW	4-5	WSW	4-5	WSW	4-5	WSW	3-4	WSW	3-4	W	4	SW	4	SW	4-5	SSW	4	SW	4-5	SW	4	5
20	SW	3-4	SW	4-5	SW	3-4	SW	4	SW	3	SW	3	SW	4	SW	4	W	2-3	W	2	WSW	2-3	WSW	2-3	5
21	WSW	4	WSW	3	WSW	3-4	WSW	4	WSW	3-4	WSW	3	SW	4	SW	3-4	WSW	3-4	SW	2-3	SW	3-4	SW	4	4
22	WSW	3	WSW	3	SW	3	SW	3	SW	3	SW	3-4	SW	3	SSW	3	SSW	3	SSW	4	SSW	4-5	SSW	4	5
23	SW	3	SW	3	SW	3-4	WSW	3-4	SW	2-3	SW	2-3	SW	2	SW	1-3	SW	2	SSW	1	SW	1	SSW	2-3	4
24	SW	1	SW	1-2	SW	1-2	SW	1-2	SW	2	SW	1	SW	1	WSW	2	SW	2	SW	2-3	W	1	WSW	2	3
25	SW	1	SSW	1	S	2	S	1-2	SE	3	SE	2	SE	2-3	SE	3	SE	3	SE	3	SSE	2-3	SE	3	4
26	SSW	4	SSW	4-5	S	5	S	5-6	SSE	5	S	4-5	SSE	3-5	S	4-5	SSE	4-6	S	4	SSE	4	SSE	3-5	6
27	SSW	3-4	WSW	2-3	WNW	2-3	WNW	2-3	WNW	0-3	WSW	3	W	2-3	SW	2-4	S	4	SSW	2-4	SSW	4	SSW	2-4	5
28	SSW	2-3	SSW	2-3	SW	2-3	SW	2	SSW	1-3	SW	1-2	SW	1	SW	1	SW	1	SW	0-1	SW	2	SW	2-3	8
29	WNW	2-3	WNW	1-4	NW	1-4	NW	1-4	NW	2	W	1	W	0-3	W	0-2	WNW	0-2	SW	1-3	NW	1-2	SW	0-3	4
30	N	0-3	NW	1-3	W	2-4	NW	2-3	Var.	0-3	W	0-3	NW	0-1	W	1-3	WNW	1-2	NW	0-3	NW	0-3	NW	0-2	4
31	WNW	0-2	N	1	NW	1-2	NNW	1-2	NW	0-2	W	0-1	Var.	0-2	NW	0-1	N	0-1	W	0-1	N	0-1	W	0-1	3
MEAN		2·98		2·89		3·03		2·97		2·53		2·40		2·40		2·52		2·55		2·47		2·61		2·85	

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Force.
1	SSE	6-9	S	9	SE	4-7	SE	7-9	SE	7-8	S	4	S	4	S	1-2	SW	2-3	SSW	2-3	SW	1-2	WNW	0-1	5·0
2	SW	2-3	SW	3-4	SW	2-3	WSW	2-3	SW	3	SW	3-4	SW	2-4	SW	2-4	S	3-4	S	4-5	S	5	SE	5-7	3·0
3	SW	6-9	WSW	5-9	SW	5-9	SW	5-8	W	3-5	W	3-5	NW	3-5	W	2-4	W	3-5	W	3-5	WNW	3-4	WNW	3-5	6·1
4	WNW	1-3	W	2-3	W	3-4	W	2-3	W	2-3	WSW	1-3	WSW	2-4	SW	3-5	SSW	3-4	SW	3-6	SSW	4-7	SSW	4-7	3·2
5	W	2-4	W	2-3	NW	1-3	WNW	2-3	W	2-3	W	0-2	W	1-2	WNW	1-2	WNW	2	W	2-3	SSW	3	W	1-3	2·7
6	W	1-2	Var.	0-2	WNW	1-2	W	1-3	W	1-3	NW	1	NNW	0-1	WNW	1-2	WNW	0-2	W	1-2	W	2	WSW	0-2	1·6
7	N	1-2	NNW	1-3	N	1-3	N	0-2	N	1-2	N	2	NE	1-2	N	1-2	NNE	1-3	N	2	NW	2-3	W	3	1·4
8	W	1	SSW	1-2	S	3	SSW	2-3	SW	3	S	3	S	3-4	SSW	3	SSW	3-4	S	3	SSW	5	SW	3-4	2·4
9	W	1-3	WSW	3	SW	3-4	SW	4	S	4	S	4-5	S	5	WSW	4-5	WNW	4-6	W	2-5	NW	2-5	NW	2-4	3·2
10	N	0-1	SW	0-1	SW	0-1	S	1	ESE	2	E	0-1	N	2	NNE	3-4	N	3-5	N	2-5	NE	2-4	ENE	2-4	2·1
11	N	0-2	N	1-2	NNE	0-2	NE	1-3	N	2-4	NE	2-4	NE	2-5	N	3-5	N	1-4	NNE	2-5	N	2-4	NE	1-3	2·5
12	SE	3	SE	4	SSE	4-5	SE	5-6	ESE	5-6	ESE	6-7	ESE	6	SE	6	SE	5	SE	5	SE	4	SE	4	3·2
13	N	0	N	1-2	N	1	Calm	0	Calm	0	Calm	0	Calm	0	ESE	1	ESE	1-2	ESE	3	ESE	3	ESE	3	1·5
14	N	0-1	NE	2	N	1	NNE	1-3	N	2-3	NNE	2-3	N	1-2	N	2	N	2	NNE	2	N	0-1	NNW	1	1·6
15	SE	5	SE	4	SE	4	SE	4	SE	4-5	S	4-5	SSW	2-3	WNW	3	WNW	2-3	W	2-4	WNW	1-4	W	1-5	2·9
16	N	0-1	N	0-2	NNW	1	W	0-1	N	0-1	Calm	0	SW	0-1	SSW	0-1	S	0-1	SSW	1	SSW	0-1	SSW	1	1·9
17	SSE	4	SSW	4	SSW	3	SSW	3	S	3	S	3	SSW	3	SW	4	SSW	2-4	SW	3	SW	3-4	SSW	3	2·9
18	SSW	2-3	SSW	2-3	SW	3	SW	3-4	SW	4	S	3	S	3	SW	3-4	SW	3-5	SW	3-5	SW	3-4	SW	4-5	3·1
19	SW	4-5	SW	4	SW	4-5	SW	4	SW	4	SW	3-4	SW	2-3	SW	3-4	SW	3	SW	3	SW	4	SW	4	3·9
20	W	1-3	WSW	2	SW	2-3	SW	3	WSW	2-3	SW	3	WSW	3	WSW	3	WSW	3-4	W	3	W	2-3	WSW	3	3·0
21	WSW	4	WSW	3	WSW	3	WSW	3	WSW	4	WSW	4	SW	3	WSW	3	WSW	3-4	SW	3	SW	3	SW	3-4	3·4
22	SSW	5	SW	4-5	SW	4	SW	4	SW	4	SW	4	SW	4	SSW	4	SSW	4	SSW	5	SSW	4	SSW	4	3·8
23	SW	2	SW	2	SW	2	SW	2	SW	1-2	SW	1-2	SW	1	W	2	SW	1	WSW	1-2	SW	1-2	WSW	1	2·0
24	WSW	2	WSW	1	W	1	WNW	1	SW	1-2	SW	1-2	SW	1	WSW	1	SW	1	SW	1	SW	1	SSW	1	1·4
25	SSE	2-3	SSW	2-3	SSW	2-3	SSW	3	SE	3-4	S	2	SW	3	SSW	2-3	S	3	S	3-4	SSW	3	SSW	3-4	2·6
26	S	4-5	S	4-6	S	4-5	SSW	4	S	2-3	S	1-3	SW	1-3	SSW	3-4	SSW	4	WSW	2-3	SW	2-3	SSW	3	3·9
27	S	4-5	SW	4	SW	4-5	SSW	5	S	5	SSW	4-5	SSW	4	SW	3-4	SW	3-4	SSW	3	SSW	2	SSW	2-3	3·4
28	SW	2-3	SW	1-3	SSW	2-3	SSW	3	S	5-6	SSE	5	SSE	6	S	5-7	S	6-8	S	4-8	SSW	3-7	WNW	3-6	3·2
29	W	2-3	NW	1-3	NW	1-3	W	2-4	N	0-3	W	1-3	N	1-3	NW	0-3	NW	1-3	Var.	1-3	NW	1-3	NW	1-4	1·9
30	W	1-3	WNW	1-3	W	3	WNW	2-3	W	1-2	W	1	W	1	NW	1	NW	1	NW	0-1	Calm	0	NW	0-2	1·5
31	W	0-1	Var.	1	Calm	0	N	1	N	0-2	N	1-3	N	3	N	1-2	NNE	1-2	NE	1-2	NE	1-2	N	0-2	1·1
MEAN		2·71		2·84		2·76		2·95		3·00		2·71		2·69		2·81		2·90		2·95		2·81		2·82	2·76

N 75, NNE 16. NE 19. ENE 1. E 1. ESE 10. SE 43. SSE 25. S 60. SSW 82. SW 155. WSW 73. W 80. WNW 33. NW 44. NNW 8. Calm or Var. 19.

CLOUD. AMOUNT OF CLOUD (0–10). JANUARY 1891.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
1	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	≡	10	≡	≡	≡	≡	≡	≡	≡	10
2	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	2	8	7	9	10	4	9
3	8	8	9	10	10	10	10	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
4	≡	0	0	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9
5	≡	≡	≡	4	≡	≡	≡	≡	≡	≡	≡	≡	2	≡	≡	≡	≡	≡	2	0	0	0	0	0	7
6	0	0	0	0	0	2	1	10	10	10	10	10	9	≡	10	≡	≡	≡	≡	≡	≡	≡	0	0	6
7	10	0	0	≡	≡	≡	≡	≡	≡	≡	≡	≡	7	0	0	0	1	3	0	10	10	≡	10	0	6
8	0	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	0	0	0	0	8
9	0	9	4	4	4	4	5	0	0	0	0	0	0	0	0	1	≡	≡	≡	≡	0	0	1	0	3
10	≡	≡	≡	≡	≡	≡	≡	≡	5	10	10	10	9	10	10	10	10	10	10	≡	≡	≡	≡	≡	10
11	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
12	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	0	0	0	0	8
13	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	8	4	9	≡	9	10
14	≡	≡	≡	2	≡	10	10	9	9	10	10	10	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	10
15	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
16	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	≡	0	≡	≡	≡	≡	≡	≡	≡	3
18	≡	≡	≡	≡	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	9	≡	≡	≡	≡	≡	10
19	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
20	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	10
21	≡	≡	≡	≡	≡	5	≡	8	3	5	≡	3	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9
22	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	10	10	7	8	0	5	10	5	8	0	0	10	10	8
23	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
24	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	≡	≡	≡	≡	≡	≡	≡	10
25	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
26	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
27	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
28	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
29	≡	≡	≡	8	8	7	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
30	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	8	10	≡	2	≡	10	≡	10	≡	≡	≡	≡	≡	10
31	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
MEAN.	8·6	8·6	8·5	8·6	9·1	9·0	9·2	9·3	8·9	9·2	9·4	9·1	8·9	8·9	8·7	9·1	9·2	9·5	9·0	9·2	8·1	8·3	8·4	7·8	8·9

CLOUD. FEBRUARY 1891.

1	≡	≡	≡	≡	8	0	0	0	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9
2	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
3	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	0	0	0	0	0	0	7
4	0	0	0	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	3	6	8	6	1	1	1	1	≡	≡	6
5	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
6	≡	≡	≡	≡	≡	≡	≡	10	7	9	10	≡	4	4	≡	4	10	10	≡	≡	≡	≡	≡	≡	9
7	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
8	≡	≡	≡	≡	0	0	0	1	≡	10	10	9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8
9	≡	≡	≡	≡	≡	≡	0	9	10	10	≡	≡	≡	≡	≡	3	3	3	10	≡	≡	≡	≡	≡	9
10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
11	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10
12	≡	0	0	4	6	≡	≡	≡	≡	≡	≡	9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9
13	0	≡	0	1	7	10	10	10	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9
14	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
15	≡	≡	≡	≡	≡	≡	≡	≡	0	0	1	1	1	2	7	8	7	10	≡	≡	2	7	≡	≡	7
16	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
17	≡	≡	≡	≡	≡	≡	≡	≡	≡	1	0	0	0	0	0	0	0	0	0	0	0	0	≡	≡	5
18	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
19	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
20	0	0	0	0	6	9	9	7	4	3	4	2	1	0	2	2	1	1	0	0	0	0	0	0	2
21	0	0	0	0	0	0	0	0	0	≡	≡	≡	≡	≡	≡	≡	≡	≡	6	10	10	10	10	10	6
22	10	9	8	4	10	9	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	≡	≡	10	10	10	10	10
23	10	10	7	8	8	7	7	7	6	9	9	6	8	10	9	10	6	4	5	10	9	10	9	8	8
24	8	10	10	≡	≡	2	2	5	5	5	5	5	5	10	9	10	8	8	9	10	9	10	9	8	8
25	7	3	2	3	4	0	0	0	0	0	1	2	1	3	5	3	3	2	0	0	3	9	4	9	3
26	10	10	8	9	6	7	5	5	3	2	0	1	3	2	2	2	3	0	0	0	0	0	0	0	3
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	≡	0	0	8	10	1
28	≡	≡	≡	≡	≡	6	6	9	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
MEAN.	7·7	7·6	7·0	7·5	7·7	7·1	6·8	7·2	7·3	7·1	7·1	7·0	6·9	7·2	7·4	7·1	7·1	6·6	6·5	7·2	6·6	7·0	7·9	8·0	7·2

CLOUD. AMOUNT OF CLOUD (0–10). MARCH 1891.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
1	7	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
2	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10	=	=	=	=	=	=	=	10
3	=	=	=	=	=	=	=	9	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
4	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10	=	=	=	=	=	=	=	10
5	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
6	=	=	=	=	=	=	=	=	=	=	=	8	10	10	=	=	=	=	=	10	=	=	10	=	10
7	=	=	=	=	=	=	2	1	1	1	0	3	6	6	=	8	2	1	1	0	0	0	0	0	4
8	0	0	0	0	0	10	0	0	0	0	0	3	5	10	9	3	10	0	0	0	0	0	0	0	2
9	0	0	0	0	0	0	2	6	4	6	3	8	4	2	3	0	4	3	3	=	0	0	0	0	2
10	0	=	2	0	0	0	0	0	0	1	=	=	=	=	10	10	10	6	4	2	0	0	0	0	4
11	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	1	1	2	0	0	0	0	0	3	0
14	0	8	9	4	4	7	7	9	10	6	=	6	6	4	7	7	7	10	10	10	=	=	=	=	8
15	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
16	=	=	=	=	=	=	=	=	=	=	10	=	=	=	=	10	=	=	=	=	9	=	=	=	10
17	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10	10
18	10	0	0	0	0	1	1	6	10	9	6	4	4	9	10	10	10	10	10	10	=	=	10	7	7
19	8	8	9	7	4	2	1	2	1	1	1	7	9	10	4	2	10	2	=	=	=	=	=	=	6
20	=	=	=	=	5	=	=	=	=	=	=	=	=	=	=	10	4	0	0	0	0	9	=	=	8
21	=	=	=	10	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10	10	10	10
22	10	10	10	10	10	=	=	=	=	=	=	=	=	=	=	10	10	=	=	=	=	=	=	=	10
23	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
24	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
25	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
26	=	=	9	=	=	=	=	=	=	=	10	=	=	=	10	=	=	=	=	=	=	=	=	=	10
27	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
28	10	10	10	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10	=	=	10
29	=	=	=	=	=	10	10	10	=	=	=	=	=	=	=	=	=	10	=	=	10	10	=	=	10
30	=	=	=	=	=	=	=	=	=	=	10	=	9	10	10	10	10	10	=	0	0	0	10	=	9
31	=	=	10	0	0	0	0	2	0	0	3	1	10	2	2	1	1	1	0	0	0	0	=	=	3
MEAN.	7·6	7·9	7·7	7·1	6·9	7·4	6·9	7·3	7·4	7·2	7·5	7·7	8·2	8·2	8·3	7·8	8·0	7·3	7·4	7·2	6·7	7·1	7·7	7·7	7·5

CLOUD. APRIL 1891.

1	=	=	=	=	10	10	0	0	=	=	=	0	3	9	7	7	7	=	=	=	=	=	=	=	8
2	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
3	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
4	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
5	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
6	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
7	=	=	10	10	10	10	10	=	=	=	=	=	10	9	8	9	8	10	7	3	2	0	0	0	8
8	0	5	=	0	0	1	1	1	0	0	0	0	0	10	3	7	5	0	0	0	0	0	0	0	2
9	0	0	0	0	0	3	4	8	3	3	4	4	4	3	3	3	7	8	8	10	4	0	4	2	3
10	2	1	5	10	10	10	10	=	10	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	9
11	=	=	=	=	=	=	=	=	=	=	7	6	4	4	5	5	2	1	10	=	=	=	=	=	8
12	=	=	0	=	1	0	1	1	0	=	3	10	10	=	=	10	=	=	=	=	=	=	=	=	7
13	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10	=	=	10	=	=	=	10	10
14	10	10	10	10	10	10	10	8	8	=	=	=	3	9	=	10	=	=	=	=	8	3	2	0	8
15	3	0	0	=	=	=	=	=	=	=	=	=	6	10	10	=	=	=	=	=	=	=	=	=	9
16	=	=	=	=	=	=	=	=	=	=	10	10	10	10	=	=	=	=	7	10	2	3	2	5	9
17	4	0	0	0	0	0	0	1	1	0	0	0	2	5	5	6	6	4	1	=	0	0	0	0	2
18	0	0	0	0	0	0	0	0	0	0	3	6	7	7	6	8	5	4	6	4	4	8	9	3	3
19	0	0	0	1	0	0	0	0	0	6	1	5	1	8	9	9	6	7	4	3	8	1	1	1	3
20	0	0	0	0	0	0	1	0	2	4	7	6	8	10	8	9	6	10	=	10	9	10	10	0	5
21	10	7	0	0	4	10	7	7	=	10	10	=	10	10	4	=	=	1	10	3	1	=	=	=	7
22	3	6	3	0	0	6	0	2	0	10	8	7	10	10	7	10	10	10	9	=	=	=	=	=	7
23	0	0	0	0	0	0	0	0	0	0	2	0	2	6	4	9	8	8	7	10	10	2	10	7	4
24	10	10	10	=	=	=	=	=	=	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
25	10	10	9	10	10	10	10	9	10	9	8	7	7	3	9	9	7	9	3	0	0	0	0	0	7
26	0	0	0	=	0	=	=	=	=	=	=	10	10	8	8	9	5	7	10	0	0	2	=	=	7
27	=	=	=	=	7	10	=	=	=	=	8	=	=	=	=	10	10	7	10	10	10	=	=	=	10
28	=	=	=	=	=	=	=	=	=	=	=	10	9	10	=	=	=	7	7	10	=	=	=	=	10
29	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
30	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	9	8	=	=	=	=	=	=	=	10
MEAN.	6·7	6·6	6·2	7·0	6·4	7·3	6·8	6·9	7·1	8·1	7·7	7·7	7·5	8·7	8·2	9·0	8·3	8·1	8·3	8·1	7·3	7·0	7·6	6·9	7·5

CLOUD. AMOUNT OF CLOUD (0–10). MAY 1891.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
1	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
2	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
3	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	4	≡	≡	≡	≡	≡	≡	7	≡	≡	≡	≡	≡	10
4	≡	0	0	8	≡	≡	≡	≡	≡	10	5	10	6	7	6	7	3	0	8	0	0	0	0	0	5
5	0	0	0	3	3	4	2	4	≡	≡	≡	7	8	10	10	10	7	10	10	9	10	10	9	10	7
6	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
7	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8	8	9	6	3	6	7	≡	≡	≡	≡	≡	≡	9
8	≡	≡	≡	≡	≡	≡	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	3	0	≡	≡	0	0	0	8
9	0	0	0	0	1	2	10	≡	10	7	10	7	10	8	7	8	4	1	0	0	0	0	0	0	4
10	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11	0	1	6	2	7	5	3	2	2	2	6	7	8	2	1	3	5	4	3	4	2	2	0	0	3
12	0	2	9	8	3	5	2	7	3	6	7	8	7	8	9	6	8	2	≡	≡	≡	≡	≡	≡	7
13	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	7	7	8	≡	≡	≡	≡	10
14	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	10	≡	≡	≡	≡	≡	10
15	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
16	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	10	≡	10	10	≡	10	≡	≡	≡	≡	≡	≡	≡	10
17	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	2	7	9	10	10	10	10	≡	≡	≡	≡	≡	≡	≡	10
18	≡	≡	≡	≡	≡	≡	4	1	10	10	10	8	2	10	≡	≡	7	≡	≡	9	≡	≡	≡	≡	9
19	≡	≡	≡	≡	≡	≡	≡	≡	7	5	9	8	7	10	≡	10	≡	2	6	6	≡	10	≡	≡	9
20	≡	≡	8	≡	6	≡	2	1	4	5	3	9	1	7	3	5	9	≡	≡	≡	≡	10	≡	9	7
21	10	≡	10	9	10	5	1	≡	≡	≡	9	5	9	9	9	8	2	2	2	3	4	2	3	1	6
22	1	0	0	5	≡	≡	7	7	4	7	7	9	10	9	9	9	10	6	2	8	≡	9	≡	≡	7
23	4	5	10	≡	0	0	0	2	5	6	7	7	10	10	10	9	≡	≡	≡	≡	≡	5	4	≡	7
24	0	0	0	0	0	0	0	2	10	≡	7	6	10	10	9	7	9	9	4	8	7	8	≡	0	5
25	0	5	7	5	≡	≡	≡	≡	≡	≡	10	≡	10	10	9	10	10	8	5	≡	≡	10	3	0	8
26	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
27	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8	≡	10	≡	≡	9	10
28	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
29	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	10
30	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	3	6	7	3	3	3	2	3	6	10	8
31	9	8	0	1	2	≡	≡	6	≡	9	10	9	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	9
MEAN.	7·2	7·1	7·4	7·8	7·8	8·1	7·5	7·8	8·5	8·6	8·5	8·4	8·6	8·9	8·4	8·4	8·3	7·2	7·3	8·0	8·2	7·7	7·6	7·4	8·0

CLOUD. JUNE 1891.

1	10	10	10	10	≡	≡	10	10	10	9	10	10	7	6	5	7	7	6	6	7	8	3	1	0	8
2	1	0	1	0	2	10	2	2	3	4	6	6	10	≡	≡	≡	6	5	6	7	4	4	2	1	5
3	0	0	0	0	0	1	1	3	3	3	4	3	3	2	1	1	0	2	2	0	0	0	0	0	1
4	0	0	0	0	0	0	0	0	0	4	4	2	0	1	2	1	1	3	0	0	0	0	0	0	1
5	0	0	0	≡	≡	≡	≡	≡	≡	≡	10	4	10	10	6	5	2	1	0	3	8	0	0	0	5
6	0	0	0	0	0	2	0	0	0	0	0	0	0	1	2	5	8	8	5	1	0	0	0	0	1
7	0	0	0	0	1	2	3	3	7	3	≡	10	9	10	9	4	5	6	9	≡	≡	0	≡	≡	5
8	10	≡	10	≡	≡	≡	10	2	7	5	2	4	3	2	0	0	2	4	3	0	0	0	0	0	4
9	0	0	0	0	0	0	3	2	0	1	3	5	5	4	6	2	7	6	6	9	8	6	2	3	3
10	2	1	0	0	0	0	0	1	1	1	1	1	1	2	2	2	1	2	3	6	2	3	1	0	1
11	0	0	0	3	3	2	1	0	1	1	0	1	1	2	0	0	0	0	0	0	0	0	0	0	1
12	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	1	0	0	0	0	0	0	10	1
13	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
14	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
15	9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	10
16	0	9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	10	≡	≡	≡	≡	≡	9
17	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
18	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
19	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	3	5	5	4	2	0	0	0	0	7
20	0	0	0	0	0	0	0	1	3	4	3	7	6	5	4	3	1	3	1	0	7	8	0	4	3
21	0	10	0	0	0	0	0	0	0	2	2	3	4	3	2	4	8	6	6	0	8	3	0	3	
22	0	0	0	1	1	3	4	4	4	2	2	4	2	2	3	2	5	6	9	9	9	0	0	0	3
23	1	1	0	0	0	1	1	1	2	3	3	2	1	0	2	0	1	0	1	4	5	0	7	8	2
24	4	6	10	8	10	≡	≡	5	4	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8	≡	0	0	8
25	0	0	0	≡	2	3	≡	≡	≡	≡	≡	8	6	7	9	3	5	5	6	9	≡	7	7	≡	
26	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
27	≡	≡	≡	≡	≡	≡	9	8	≡	≡	≡	≡	≡	10	10	10	9	6	5	≡	2	8	0	≡	9
28	≡	≡	≡	≡	0	1	4	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	9
29	≡	≡	≡	8	7	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
30	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
MEAN.	4·6	5·2	5·0	5·7	5·2	5·8	5·9	5·7	6·2	6·4	6·7	6·7	6·6	6·6	6·4	5·7	6·1	6·1	6·1	6·2	6·3	5·1	4·3	5·0	5·8

CLOUD. AMOUNT OF CLOUD (0–10). JULY 1891.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
1	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8	10	6	5	5	5	6	4	10	≡	9
2	≡	0	≡	≡	≡	≡	7	8	≡	≡	8	≡	≡	≡	≡	10	10	8	≡	9	≡	10	≡	10	9
3	9	≡	10	10	≡	≡	7	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	10
4	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	10	8	10
5	8	9	10	7	8	9	10	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
6	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8	6	4	9	10	≡	≡	10	10	10	≡	≡	≡	9
7	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
8	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	4	4	4	9
9	4	3	2	3	5	0	1	3	6	4	7	6	7	10	7	7	10	≡	9	5	8	8	4	0	5
10	8	10	10	10	8	7	7	7	5	4	3	4	5	10	5	6	5	5	4	8	4	2	≡	3	6
11	1	0	0	3	7	5	4	4	3	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	7
12	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
13	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	6	8	5	≡	7	6	2	4	3	0	0	0	7	1	7
14	0	0	0	0	≡	≡	≡	3	≡	10	10	7	7	7	10	10	8	8	10	10	10	5	6	7	7
15	4	5	6	6	0	0	1	1	2	2	7	6	4	7	6	8	8	7	9	10	8	7	8	4	5
16	8	6	10	10	9	8	≡	≡	4	≡	≡	10	≡	6	7	10	10	≡	≡	10	≡	≡	≡	6	9
17	≡	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	10	≡	≡	2	4	0	6	3	6	8
18	≡	≡	4	3	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	9	8	5	8	10	8	10	7	3	0	8
19	3	4	≡	≡	≡	≡	0	7	≡	10	8	10	7	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	9
20	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
21	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	9	10	10	10	10	10	10
22	10	8	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
23	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8	8	≡	≡	≡	10
24	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
25	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
26	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
27	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	≡	≡	≡	≡	≡	≡	10	10	≡	≡	≡	≡	≡	≡	10
28	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
29	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
30	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	5	5	4	6	10	≡	≡	≡	6	≡	≡	≡	9
31	0	2	4	3	8	9	7	9	9	10	10	10	10	9	9	8	9	10	9	8	6	0	2	5	7
MEAN.	8·2	8·0	8·6	8·6	9·2	9·0	8·5	8·8	9·0	9·3	9·3	9·3	8·9	9·3	9·1	9·3	9·1	9·2	9·0	8·9	8·6	8·2	8·6	7·9	8·8

CLOUD. AUGUST 1891.

1	7	9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
2	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	3	2	8	10	9
3	4	3	6	5	6	6	10	≡	10	10	10	10	6	10	10	10	≡	10	≡	≡	≡	10	≡	≡	9
4	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	9	8	≡	6	≡	10
5	≡	≡	≡	≡	≡	≡	≡	≡	≡	2	≡	≡	≡	≡	10	10	9	3	≡	≡	≡	9	9	1	9
6	3	1	1	1	7	9	8	8	9	8	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8
7	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
8	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
10	≡	≡	≡	≡	≡	≡	≡	4	3	1	1	4	1	5	6	1	3	3	≡	3	≡	≡	≡	≡	6
11	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
12	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
13	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	7	8	8	10
14	7	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
15	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
16	≡	≡	≡	≡	≡	6	8	7	5	10	≡	10	10	9	8	5	2	5	5	1	1	6	≡	≡	7
17	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
18	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8	9	7	9	6	3	≡	≡	≡	≡	≡	≡	≡	≡	9
19	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	9	8	10	9	10	5	10	≡	≡	≡	≡	≡	10
20	≡	≡	≡	≡	≡	≡	≡	5	10	≡	≡	≡	≡	10	≡	10	10	10	10	≡	≡	10	≡	≡	10
21	10	10	10	9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	10
22	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	4	8	≡	4	9	≡	≡	≡	≡	≡	≡	≡	9
23	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	7	5	5	10	6	10	7	10	8	10	9	9	≡	≡	9
24	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
25	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
26	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
27	≡	≡	≡	≡	≡	≡	≡	≡	9	≡	≡	≡	6	9	10	10	10	≡	6	≡	10	4	1	1	9
28	1	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
29	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	7	8	≡	10	≡	10	≡	≡	9	1	0	0	0	0	8
30	1	1	1	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	≡	9	10	10	10	10	10	≡	9
31	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
MEAN.	8·8	9·2	9·3	9·5	9·8	9·7	9·9	9·5	9·5	9·4	9·5	9·5	9·0	9·6	9·5	9·1	9·4	9·2	9·6	9·2	9·1	9·0	9·1	9·0	9·4

CLOUD. AMOUNT OF CLOUD (0–10). SEPTEMBER 1891.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
1	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
2	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
3	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	7	9	8	9	7	8	7	6	9	≡	≡	≡	≡	≡	9
4	≡	≡	≡	≡	≡	≡	≡	≡	≡	8	≡	10	≡	≡	≡	≡	7	5	3	≡	≡	≡	≡	≡	9
5	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
6	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
7	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	10	≡	≡	9	≡	5	3	1	1	1	2	8
8	4	5	4	8	10	9	9	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9
9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
10	≡	≡	≡	3	4	9	7	5	5	10	4	9	9	6	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	8
11	≡	≡	≡	≡	8	9	9	9	8	8	9	7	9	6	7	6	5	10	4	8	7	6	4	5	8
12	3	4	≡	4	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1
13	2	7	0	≡	≡	10	≡	≡	6	3	5	7	6	8	8	10	10	10	10	10	≡	≡	≡	≡	8
14	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
15	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
16	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
17	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
18	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
19	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10
20	10	10	10	10	10	10	10	10	10	10	9	9	10	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	10
21	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	10
22	6	10	7	5	5	5	4	3	3	3	3	6	6	4	3	3	2	0	0	0	0	0	0	0	3
23	0	0	0	0	0	0	0	0	0	0	0	0	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	5
24	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
25	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	10	10	10	10	≡	≡	≡	≡	≡	≡	≡	10
26	≡	10	4	3	3	10	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9
27	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
28	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
29	≡	≡	2	7	8	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9
30	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
MEAN.	8·8	9·2	8·6	8·7	8·6	9·1	9·0	8·9	8·7	8·7	8·6	8·9	9·3	9·0	9·2	9·2	9·0	9·0	8·7	9·0	8·9	8·9	8·8	9·0	8·9

CLOUD. OCTOBER 1891.

1	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
2	≡	0	0	≡	≡	≡	0	≡	0	0	0	6	7	8	2	≡	≡	≡	≡	≡	≡	≡	≡	≡	7
3	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
4	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
5	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	4	9	8	9	8	9	10	10	≡	≡	≡	≡	9
6	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	7	7	≡	8	7	6	8	9
7	7	6	4	3	3	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	≡	9	10	9	10	10	10	8	9
8	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	8	10	10	≡	≡	≡	≡	≡	≡	≡	10
9	≡	≡	≡	≡	≡	≡	10	4	7	≡	10	≡	≡	≡	10	9	≡	≡	≡	≡	≡	≡	≡	≡	10
10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	10	≡	10	10	≡	≡	≡	≡	≡	10
11	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	10
12	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	10	10	10	10	≡	10	5	10	7	10	≡	≡	10
13	≡	≡	≡	≡	≡	10	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
14	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
15	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
16	6	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
17	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
18	≡	≡	10	10	4	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	≡	≡	≡	≡	≡	10	10	≡	10
19	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	3	≡	≡	≡	≡	≡	10	≡	≡	10
20	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
21	≡	≡	10	≡	≡	7	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10
22	≡	9	≡	≡	≡	≡	0	≡	≡	≡	0	10	7	10	10	≡	≡	8	≡	≡	≡	≡	≡	0	9
23	0	≡	0	0	8	0	0	0	0	3	3	2	6	≡	6	≡	≡	≡	≡	≡	≡	≡	≡	≡	6
24	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	0	0	0	0	0	0	7
25	0	0	0	0	0	0	0	0	0	0	1	≡	4	5	2	0	≡	0	0	0	0	0	0	0	1
26	0	2	3	2	2	2	2	8	7	4	5	≡	2	10	10	8	3	0	≡	≡	10	10	≡	0	5
27	0	0	0	0	0	≡	≡	≡	≡	≡	≡	≡	2	0	1	0	0	≡	0	0	≡	0	≡	0	4
28	0	0	0	0	0	≡	≡	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
29	0	0	0	0	0	2	2	3	2	2	0	3	4	1	1	3	3	0	5	≡	≡	7	0	0	2
30	0	8	2	0	≡	≡	10	10	10	3	1	0	2	0	2	0	0	0	0	0	0	0	0	0	3
31	0	0	0	0	0	0	0	0	0	7	6	5	3	5	8	8	5	0	0	4	10	≡	≡	≡	4
MEAN.	7·2	7·6	7·1	7·3	7·6	8·4	7·9	8·2	7·9	8·0	7·6	8·5	7·8	8·3	8·0	8·1	8·4	7·5	7·6	8·2	8·5	8·2	8·3	7·3	7·9

CLOUD. AMOUNT OF CLOUD (0–10). NOVEMBER 1891.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
1	≡	≡	≡	10	≡	≡	≡	10	10	≡	5	≡	0	0	0	0	0	0	0	0	0	0	0	0	5
2	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
3	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
4	0	0	0	0	0	0	0	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	≡	0	0	≡	≡	6
5	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
6	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
7	≡	≡	≡	≡	≡	≡	10	6	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	10
8	≡	≡	≡	10	10	10	10	10	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	10
9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
11	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
12	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	8	≡	≡	10	6	≡	≡	≡	≡	≡	≡	≡	≡	10
13	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
14	≡	≡	≡	≡	≡	≡	≡	5	8	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	≡	≡	≡	≡	10
15	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	10
16	≡	0	0	5	0	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9
17	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8	10
18	10	9	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
19	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
20	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	4	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
21	≡	≡	≡	≡	6	3	1	0	≡	8	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	7	≡	≡	8
22	≡	≡	≡	≡	≡	3	3	3	2	3	2	7	8	8	10	8	0	0	0	10	≡	≡	≡	≡	6
23	≡	1	≡	3	9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	9
24	10	≡	≡	≡	4	1	0	0	0	0	0	0	0	0	0	≡	≡	≡	≡	≡	≡	0	≡	10	5
25	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
26	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	0	0	0	0	0	0	7
27	0	0	0	3	9	4	1	1	0	0	1	2	≡	6	7	≡	≡	≡	≡	≡	≡	≡	≡	≡	5
28	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	≡	≡	10
29	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
30	≡	≡	≡	≡	≡	7	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
MEAN	8·7	8·0	8·3	8·4	8·3	7·9	7·8	7·8	8·3	8·4	8·1	8·6	8·6	8·5	8·6	8·8	8·7	8·3	8·0	8·6	8·3	7·9	8·7	8·6	8·3

CLOUD. DECEMBER 1891.

1	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
2	≡	≡	≡	≡	≡	≡	1	10	≡	8	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
3	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
4	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
5	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
6	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
7	≡	≡	0	≡	≡	≡	10	10	10	10	10	10	10	10	8	9	6	1	0	0	0	0	0	0	6
8	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	2	7	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	6	5	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
11	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	≡	≡	≡	10
12	≡	≡	≡	4	≡	≡	0	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9
13	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
14	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8	1	4	10	4	8	≡	≡	9	9
15	7	1	2	8	≡	4	2	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8
16	≡	≡	≡	≡	≡	8	≡	≡	≡	2	4	≡	≡	0	0	0	0	0	0	0	0	0	0	0	5
17	0	1	0	0	0	1	2	2	4	4	5	4	5	3	≡	≡	5	7	≡	≡	≡	≡	≡	≡	5
18	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
19	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
20	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	0	0	0	8
21	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
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	≡	0
23	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	4	10	≡	≡	≡	≡	≡	0	0	9
24	0	0	0	0	0	0	0	0	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	7
25	≡	≡	0	0	≡	≡	≡	≡	≡	0	0	≡	≡	6	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8
26	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
27	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
28	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
29	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
30	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
31	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
MEAN	8·6	8·5	7·8	8·1	8·7	8·5	7·9	8·8	9·2	8·5	8·4	8·9	9·0	8·7	9·0	8·7	8·5	8·5	8·7	8·5	8·3	8·4	8·1	8·4	8·5

STEVENSON SCREEN. TEMPERATURE AND AMOUNT OF CLOUD. JANUARY 1891.

	Temperature—Dry and Wet Bulbs.														Max.	Min.	Black Bulb.	Radn. Min.	Amount of Cloud, 0 to 10.				
	9h		10h		12h		14h		16h		21h		22h						9h	10h	14h	21h	22h
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.									
1	40·9	36·9	42·7	38·0	41·9	38·1	43·1	39·3	42·3	39·1	41·0	39·2	41·2	39·2	44·8	38·0	49·0	31·8	10	9	9	10	10
2	41·2	40·3	41·9	40·8	42·0	40·9	41·9	41·1	40·8	39·9	36·7	36·0	35·9	35·6	42·8	35·2	43·0	34·2	10	10	10	10	10
3	36·2	35·7	37·5	36·2	39·7	38·9	42·6	40·3	40·1	39·0	38·1	37·8	37·9	37·3	42·8	34·0	45·2	–	10	9	10	10	10
4	38·8	37·0	37·2	35·0	–	–	35·9	32·0	–	–	33·3	[30·7]	33·1	30·2	39·4	32·5	72·2	30·8	10	6	7	4	5
5	34·1	31·9	35·5	32·1	35·0	32·2	36·7	32·7	32·8	32·0	31·9	30·8	31·0	30·1	39·3	30·3	72·1	26·7	9	10	2	2	1
6	27·8	27·0	27·7	26·7	31·0	29·6	31·7	29·9	31·6	30·2	31·1	30·1	29·9	28·9	32·0	23·0	42·2	18·4	9	9	10	4	4
7	35·7	33·7	36·0	34·6	36·9	33·8	36·2	32·2	34·7	29·9	34·9	32·0	35·2	30·2	37·9	29·2	70·2	35·4	10	10	4	6	9
8	37·9	34·2	38·8	34·9	38·9	35·9	38·9	35·7	39·7	35·8	35·8	33·9	35·3	33·9	40·0	33·6	–	30·7	10	10	9	10	10
9	28·9	27·9	29·1	28·1	31·8	30·2	34·1	32·1	33·9	32·2	35·8	34·7	35·2	34·1	37·0	27·0	58·8	23·0	1	9	7	10	9
10	38·9	36·9	40·3	37·0	41·2	38·1	41·2	37·6	40·9	36·7	42·3	38·8	42·8	39·0	43·0	33·0	64·0	30·0	10	10	10	10	10
11	43·2	42·0	43·7	42·2	–	–	44·7	43·6	–	–	45·8	45·3	45·9	45·8	46·4	[41·0]	50·0	38·5	10	10	10	10	10
12	46·2	46·0	46·1	45·9	46·9	46·3	46·8	46·6	46·7	46·1	47·0	46·0	46·7	45·7	**51·0**	45·2	50·0	44·6	10	10	10	10	10
13	46·6	43·4	47·1	43·7	46·1	45·7	48·9	47·8	47·0	42·8	44·3	37·8	42·9	37·2	50·0	42·4	63·6	42·8	10	10	10	3	7
14	39·8	33·9	39·7	34·1	39·2	33·9	36·3	33·1	36·1	32·1	32·2	30·9	33·2	30·2	43·9	31·5	72·8	33·2	7	9	6	5	6
15	41·0	38·9	41·9	39·7	43·5	41·2	44·8	42·2	45·3	41·6	42·2	38·8	42·1	38·8	45·0	32·3	56·8	28·8	10	10	10	6	8
16	37·4	36·8	36·9	36·1	38·8	37·0	38·9	36·9	37·9	36·1	36·5	35·3	35·1	34·2	41·3	34·7	52·7	–	10	10	10	8	7
17	33·2	31·2	33·0	30·9	35·9	32·4	37·5	33·0	35·8	31·9	33·2	30·5	34·0	30·8	41·3	31·8	80·0	–	7	7	8	10	9
18	36·4	32·6	35·9	31·7	–	–	35·8	31·6	–	–	35·7	32·8	34·1	32·8	36·9	31·8	42·6	–	10	10	10	10	10
19	37·4	36·8	37·9	37·0	39·9	38·9	40·0	38·3	40·3	38·2	41·9	40·1	43·0	41·7	43·0	33·0	53·8	–	10	9	10	10	10
20	44·8	42·8	41·1	38·9	37·2	35·1	37·8	33·5	34·7	32·7	30·0	29·0	32·7	30·2	46·7	29·1	62·2	–	10	10	2	8	6
21	25·0	24·6	24·1	23·8	26·1	24·9	29·2	27·7	29·8	28·6	33·8	33·6	34·2	33·2	35·0	**22·7**	63·2	–	5	2	7	10	10
22	36·0	32·6	36·3	32·3	36·7	33·8	34·4	31·5	31·2	30·8	24·7	23·8	25·2	24·1	38·4	23·8	[80·3]	–	10	6	9	10	10
23	42·5	41·8	42·9	42·4	44·9	42·0	45·9	42·2	46·1	41·9	41·3	38·2	41·7	37·9	46·9	24·9	69·0	–	10	10	10	10	9
24	33·3	33·1	34·8	34·1	36·8	35·9	37·9	36·8	37·1	36·7	34·9	34·2	35·2	34·8	41·9	32·3	47·6	–	10	9	10	7	10
25	40·0	36·6	38·3	35·9	–	–	42·7	41·3	–	–	45·7	44·7	44·7	44·0	45·9	35·0	49·9	–	9	8	10	10	10
26	43·9	42·0	43·0	41·9	44·1	43·0	46·7	44·1	45·6	44·2	46·8	45·8	47·0	45·7	49·3	[45·0]	49·1	–	10	10	10	10	10
27	41·0	38·9	40·9	39·2	43·9	41·1	42·9	41·4	41·8	40·8	43·3	41·1	43·9	41·3	47·0	38·9	**82·8**	–	10	8	10	7	10
28	45·3	44·9	46·2	45·7	46·8	45·9	47·1	46·1	45·9	44·7	44·5	42·8	44·0	43·0	48·0	43·7	60·6	39·9	10	10	9	3	7
29	46·8	42·1	47·1	42·2	47·1	43·7	44·7	41·9	42·0	41·0	43·8	41·9	42·7	40·8	48·8	40·8	55·4	34·8	10	10	10	5	4
30	42·8	40·1	41·8	40·3	44·9	42·2	44·8	42·4	44·2	39·9	43·8	40·5	45·2	41·1	46·0	39·2	**82·8**	35·3	9	9	5	10	5
31	42·9	39·6	43·1	39·1	40·2	38·9	40·2	38·7	41·8	40·2	41·7	39·6	41·8	38·8	47·2	39·0	46·0	35·4	10	10	10	10	10
MEAN	38·9	36·8	39·0	36·8	–	–	40·4	37·9	–	–	38·5	36·7	38·5	36·5	43·2	34·0	59·7	–	9·2	9·0	8·5	8·0	8·3

STEVENSON SCREEN. FEBRUARY 1891.

	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.									
1	36·0	34·8	39·3	37·8	–	–	43·3	40·8	–	–	42·1	39·9	40·9	40·0	44·0	34·0	75·3	29·8	9	9	8	10	10
2	46·0	45·8	46·5	45·9	47·0	46·7	47·6	46·9	47·2	46·8	49·1	48·1	49·7	48·8	49·8	[40·3]	56·2	39·4	10	10	10	10	10
3	46·9	46·2	47·0	46·7	47·2	47·0	47·3	47·0	45·9	44·9	44·1	43·0	43·8	42·9	50·0	42·8	55·3	45·6	10	10	10	10	10
4	44·4	43·8	44·1	43·8	44·8	44·2	46·1	45·2	47·2	45·8	45·6	43·5	44·8	42·9	47·5	42·0	57·2	39·8	10	10	8	3	3
5	44·0	43·8	44·0	43·9	44·1	44·0	45·6	45·2	46·0	45·8	45·1	45·0	45·2	45·0	47·1	42·3	51·9	38·0	10	10	10	10	10
6	45·8	44·0	46·1	45·1	46·0	44·1	48·0	43·9	46·2	43·0	43·5	42·7	43·1	42·9	48·4	42·4	83·5	41·2	10	8	8	10	10
7	43·3	42·6	44·0	42·7	43·7	42·7	43·9	43·0	44·2	43·2	44·3	43·7	44·9	43·9	46·0	42·8	48·7	41·8	10	10	10	10	10
8	34·8	32·8	36·9	35·4	–	–	41·9	39·1	41·9	39·3	40·1	38·0	39·9	38·3	46·3	34·0	88·9	29·8	1	3	4	9	6
9	40·1	37·7	39·9	37·1	40·4	36·9	42·8	37·9	39·6	35·7	39·4	36·5	40·2	37·7	42·9	37·3	62·7	36·1	6	6	4	10	10
10	41·1	40·0	41·7	40·0	42·7	40·4	42·6	40·9	42·8	41·7	43·6	42·8	43·9	43·7	44·3	41·0	54·3	37·7	10	10	10	10	10
11	47·8	47·2	47·8	47·1	46·2	45·9	47·0	46·2	48·9	46·9	38·0	36·0	38·2	35·8	50·2	[36·3]	51·3	42·8	10	10	10	8	10
12	36·1	34·9	37·2	36·1	40·3	36·3	41·7	36·7	42·1	36·9	41·1	37·0	41·3	37·6	43·8	32·8	83·3	29·5	10	9	4	5	4
13	33·7	31·8	34·6	31·9	36·4	33·8	38·9	36·2	36·8	35·8	39·3	38·9	40·1	39·8	42·0	32·0	51·8	28·1	10	10	10	10	10
14	46·7	44·9	48·2	45·6	47·8	45·7	47·0	45·1	47·1	44·9	44·2	43·4	44·8	43·7	49·7	39·5	71·6	39·5	10	10	10	10	10
15	45·5	44·7	45·1	44·0	–	–	48·4	44·8	–	–	42·5	40·0	41·0	39·4	49·0	40·1	90·8	42·9	10	8	3	0	1
16	44·0	42·9	45·0	43·2	46·2	44·1	45·9	44·0	44·9	43·8	44·6	43·7	44·7	43·8	47·0	40·8	60·2	37·0	10	10	10	10	10
17	44·8	43·3	45·3	43·7	46·1	43·9	46·1	43·7	45·2	42·7	44·1	42·1	43·9	42·1	46·2	43·2	57·9	41·0	10	10	9	10	10
18	45·0	42·8	45·0	42·8	44·2	42·2	45·1	41·7	45·0	41·8	39·2	37·8	38·6	36·9	45·6	37·9	60·2	41·3	10	9	7	0	0
19	32·8	32·0	33·6	32·8	42·8	40·6	48·8	44·1	48·9	44·8	41·7	38·2	36·3	35·0	50·0	30·1	94·7	25·1	0	0	0	0	0
20	33·0	31·1	34·1	32·1	39·6	36·7	48·7	42·4	49·0	42·9	36·1	33·9	35·4	33·1	52·8	30·0	88·5	**23·0**	2	1	0	0	0
21	35·4	33·9	35·7	34·1	40·9	38·7	42·8	39·8	43·5	40·7	40·3	37·4	38·6	36·7	44·2	31·2	71·8	24·6	8	6	10	10	10
22	48·7	43·5	46·2	43·9	–	–	46·7	45·1	–	–	50·9	46·9	50·3	45·9	51·2	35·1	52·1	29·1	10	10	10	8	10
23	49·8	43·0	50·0	43·6	51·8	44·8	53·7	45·8	51·0	44·9	49·8	43·9	51·0	44·0	54·0	[47·1]	79·0	43·3	9	10	10	4	9
24	45·7	42·3	49·0	44·7	54·1	46·7	55·8	48·1	54·9	47·8	48·6	43·9	49·9	43·7	**56·2**	44·0	**95·2**	38·8	4	2	3	7	10
25	44·4	40·2	46·1	41·1	49·7	43·1	51·9	44·7	51·9	44·9	43·1	39·9	43·7	39·8	52·9	41·9	87·8	36·2	0	1	2	2	3
26	38·7	36·7	41·8	39·1	–	–	53·9	45·8	51·1	43·8	39·8	36·3	38·9	35·4	56·0	35·6	89·8	31·1	2	1	1	0	0
27	31·1	29·8	34·1	31·9	39·2	36·2	44·1	39·8	44·8	40·1	37·9	36·1	37·2	35·9	45·8	**28·8**	67·9	23·2	0	0	0	0	0
28	43·7	40·1	43·8	39·8	41·0	39·1	41·7	40·6	44·0	43·9	46·1	44·6	46·2	44·0	48·3	[37·2]	47·2	–	10	10	10	3	4
MEAN	41·8	39·9	42·6	40·6	–	–	46·3	43·0	–	–	43·0	40·8	42·7	40·7	48·3	37·9	69·1	35·4	7·5	7·2	6·8	6·4	6·8

STEVENSON SCREEN. TEMPERATURE AND AMOUNT OF CLOUD. MARCH 1891.

	Temperature—Dry and Wet Bulbs.														Max.	Min.	Black Bulb.	Radn. Min.	Amount of Cloud, 0 to 10.				
	9h		10h		12h		14h		16h		21h		22h						9h	10h	14h	21h	22h
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.									
1	47·9	46·9	49·0	48·0	–	–	51·2	49·8	–	–	51·7	49·9	51·2	49·4	**54·8**	42·8	73·3	43·0	9	9	10	10	10
2	43·2	38·4	42·7	38·1	40·8	37·9	42·6	37·9	40·9	36·0	39·1	35·8	38·3	34·0	52·0	[36·5]	92·6	36·2	9	5	10	10	9
3	38·4	33·9	38·9	34·9	41·1	36·0	38·0	36·1	41·1	36·1	40·9	36·9	38·9	37·0	43·1	30·8	68·8	30·9	6	3	9	10	10
4	49·7	46·2	49·8	46·8	50·2	47·2	51·3	46·8	47·9	43·7	43·2	39·1	42·7	39·7	53·0	[37·4]	60·8	36·1	10	10	10	9	10
5	42·7	41·0	43·8	41·9	44·9	42·8	45·0	43·1	44·3	42·2	46·1	43·8	45·0	42·9	47·0	39·2	51·9	38·8	10	10	10	10	10
6	38·7	35·8	37·6	34·1	39·8	33·6	41·6	34·7	36·2	33·2	34·8	32·0	33·1	32·1	46·0	32·9	97·8	32·9	9	7	9	8	10
7	28·2	26·9	30·8	27·5	32·8	28·9	33·0	29·7	33·1	29·8	24·6	22·9	23·0	20·9	36·0	23·3	100·2	24·0	1	1	5	0	0
8	26·8	25·6	29·2	26·1	–	–	31·9	27·3	–	–	23·9	22·0	24·1	22·7	35·9	20·0	104·9	14·5	0	1	6	0	0
9	21·1	20·7	24·1	22·6	32·1	27·8	36·4	29·8	37·7	30·9	28·7	25·7	30·7	27·0	38·9	**17·2**	93·9	**10·8**	2	2	1	0	0
10	23·7	21·9	28·5	26·2	33·9	30·6	35·1	31·5	34·8	31·7	28·7	26·0	29·0	26·3	36·9	18·3	96·3	13·3	1	5	7	0	0
11	31·2	29·9	31·9	29·4	34·2	30·1	36·8	30·9	37·0	29·9	25·9	23·9	25·2	23·7	39·3	22·5	96·0	18·0	0	1	0	0	0
12	23·5	21·8	27·9	25·2	34·9	31·0	40·9	34·2	42·1	35·0	31·9	28·9	29·8	28·0	44·3	18·2	98·7	12·6	0	0	2	0	0
13	25·5	23·9	29·0	27·0	39·9	32·7	43·6	36·8	43·8	36·8	36·1	31·8	32·7	29·9	44·0	21·0	96·9	13·5	0	0	1	0	0
14	37·0	[31·0]	39·0	32·9	42·5	35·1	42·7	35·1	42·2	36·0	37·8	32·9	38·9	33·8	44·4	31·2	102·3	27·6	8	6	4	4	9
15	38·3	35·4	38·7	35·6	–	–	39·2	36·1	–	–	39·0	36·9	40·1	37·2	40·9	36·5	64·8	34·5	10	10	10	10	10
16	39·1	35·3	40·9	36·3	41·1	37·1	41·5	36·9	41·0	36·1	39·3	34·8	39·2	34·9	43·0	37·9	96·5	35·8	10	10	8	8	7
17	38·9	36·1	38·7	36·6	42·9	38·4	43·7	39·2	42·9	39·2	41·3	37·6	40·4	37·1	44·0	37·3	69·1	34·8	10	10	7	3	2
18	37·8	35·2	38·8	36·2	43·0	38·8	44·0	39·8	44·5	38·9	40·1	37·0	38·9	37·5	45·0	33·3	98·5	29·2	10	9	3	10	10
19	38·0	34·1	39·9	34·7	41·3	35·7	42·0	36·1	45·7	38·9	40·9	37·8	41·1	38·8	46·2	31·2	106·6	27·5	3	5	10	10	10
20	40·8	37·1	42·8	37·8	44·7	37·9	41·9	38·1	45·2	38·9	35·7	32·1	35·6	31·9	45·2	33·6	112·2	32·9	8	3	6	1	0
21	38·8	35·9	40·3	37·3	46·8	42·0	47·8	42·7	48·7	43·2	39·5	37·0	38·7	36·3	51·1	29·2	107·9	23·0	10	10	7	10	10
22	36·2	33·1	38·0	34·7	–	–	43·8	39·7	–	–	39·7	37·1	39·1	37·1	43·7	33·1	68·0	30·8	9	10	10	10	10
23	40·9	40·0	43·0	41·8	44·1	41·9	43·8	40·7	42·9	40·1	38·9	37·7	40·0	37·9	45·8	37·3	92·2	36·3	10	10	9	9	10
24	40·0	38·0	40·8	38·3	40·2	38·9	39·1	37·9	41·1	40·0	40·5	39·2	40·2	38·8	42·0	33·2	70·7	31·8	10	10	10	10	10
25	41·2	38·8	40·2	37·9	38·9	37·8	38·0	36·8	38·9	35·6	36·0	34·0	35·2	33·6	43·0	33·2	79·6	34·2	10	10	10	6	10
26	35·8	33·8	38·0	34·8	42·0	37·0	40·2	37·2	40·8	35·1	34·8	31·8	33·2	31·9	42·9	31·6	104·7	29·0	5	9	7	2	7
27	38·0	36·1	39·1	36·2	39·0	37·1	40·2	38·4	42·2	39·8	40·9	38·0	38·9	36·7	43·7	32·0	82·8	28·5	10	10	10	2	3
28	40·7	37·1	42·1	37·0	41·1	37·8	40·8	37·9	40·7	39·0	42·6	39·8	41·7	38·8	44·0	37·1	92·7	32·8	10	8	10	8	5
29	37·2	33·1	37·4	33·7	–	–	38·7	33·8	–	–	33·0	[29·6]	34·0	29·8	43·0	32·0	103·2	33·0	10	10	8	6	4
30	34·8	32·0	36·9	32·8	40·3	34·8	41·5	35·3	41·1	35·2	33·2	30·6	32·1	29·8	43·5	29·0	**119·2**	24·8	8	7	5	0	0
31	34·2	31·8	37·2	34·1	44·8	38·1	46·3	39·7	49·2	41·2	35·0	33·1	35·1	32·4	50·0	27·0	106·7	22·1	1	0	3	0	0
MEAN	36·4	33·8	37·9	34·7	–	–	41·3	37·1	–	–	36·9	34·1	36·3	33·8	44·3	30·8	90·6	28·2	6·7	6·5	7·0	5·3	5·7

STEVENSON SCREEN. APRIL 1891.

	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.									
1	40·2	34·3	42·1	35·9	44·2	36·8	46·7	39·0	45·3	37·9	40·8	36·0	40·0	35·7	48·8	30·9	110·8	23·9	0	1	3	8	8
2	41·0	36·9	41·8	36·3	41·1	36·1	41·0	36·9	40·9	36·4	38·9	34·7	38·7	33·9	42·0	36·0	55·7	35·1	10	10	10	7	9
3	37·1	33·0	38·3	33·6	40·2	34·7	40·7	34·7	40·0	34·1	39·1	34·4	39·9	35·1	41·7	[36·1]	78·2	33·0	10	10	8	10	10
4	44·2	40·0	44·8	40·5	44·7	40·3	44·8	42·9	42·7	41·4	43·0	39·0	43·0	39·0	46·1	39·9	100·0	37·0	10	10	8	10	8
5	42·8	39·1	43·9	39·5	–	–	43·9	39·1	–	–	43·0	37·9	43·1	38·1	46·9	40·4	55·0	37·2	10	10	10	9	9
6	42·9	38·3	44·1	39·0	43·3	38·5	42·9	38·0	42·0	37·2	35·7	33·2	37·8	34·8	46·0	34·0	112·8	38·8	10	9	5	2	10
7	39·1	33·7	39·9	34·1	41·1	35·0	42·7	35·8	44·2	37·1	35·7	32·1	34·0	31·8	46·2	33·6	110·0	33·0	10	10	5	3	1
8	39·1	34·6	40·8	35·9	45·8	38·7	47·6	40·3	47·2	40·0	37·8	34·1	36·9	33·7	50·3	29·0	111·8	23·5	2	2	4	0	0
9	36·1	34·4	41·0	37·8	47·9	41·8	50·3	43·0	51·8	43·9	42·1	38·8	41·6	38·1	53·7	**27·9**	105·8	22·8	3	4	1	0	0
10	42·7	38·3	48·6	42·6	50·9	44·2	54·0	45·9	49·9	43·7	45·1	40·8	45·6	40·2	54·9	34·3	115·9	27·3	9	10	7	7	8
11	42·8	37·8	46·8	38·9	50·5	42·1	51·9	42·7	52·2	43·7	44·8	38·9	43·8	38·0	54·9	42·2	108·1	30·6	3	1	2	0	1
12	45·2	37·9	46·8	39·1	–	–	45·6	38·8	–	–	43·8	38·0	43·0	38·1	50·0	34·2	111·2	27·3	0	1	10	9	8
13	43·8	37·9	46·1	39·8	48·8	41·7	48·1	41·4	47·6	41·3	43·3	40·2	43·0	40·1	50·0	40·1	108·0	32·1	10	10	10	10	10
14	42·8	39·7	42·7	40·0	46·1	42·5	48·0	42·1	46·5	42·9	39·1	37·2	38·6	36·8	50·0	37·6	100·7	36·6	10	10	8	3	0
15	43·7	42·1	46·7	42·9	47·6	41·7	48·0	40·9	47·9	41·8	42·8	40·2	41·9	40·0	50·9	34·0	109·8	29·1	9	10	8	10	10
16	44·0	41·4	44·9	41·3	49·2	42·8	49·5	41·6	45·7	41·3	38·8	36·0	36·4	34·4	51·9	36·0	112·8	39·0	5	3	7	0	0
17	40·2	37·0	44·1	40·6	47·8	41·0	51·9	44·1	50·2	43·8	42·0	39·5	40·0	37·8	55·0	29·1	118·0	23·2	2	3	2	0	0
18	45·7	39·4	47·9	40·8	50·7	42·8	51·8	42·4	51·9	44·0	42·8	39·0	42·0	38·9	54·1	32·1	120·0	26·3	2	2	5	2	6
19	42·9	48·3	45·6	41·1	–	–	52·1	42·9	–	–	43·0	38·1	41·5	37·0	**55·1**	32·1	116·1	26·2	0	1	7	2	1
20	41·9	38·3	47·1	40·4	52·1	43·8	51·0	43·7	49·8	43·2	42·2	40·0	42·1	39·8	54·2	30·0	117·2	23·2	0	1	7	9	10
21	43·9	40·1	46·1	41·8	47·8	42·0	50·9	42·8	50·8	43·3	41·2	37·8	40·1	37·4	52·8	32·7	112·0	27·0	8	5	8	1	2
22	44·8	38·7	46·8	39·7	49·9	41·6	48·8	41·9	51·1	42·8	42·8	38·0	40·2	36·9	52·9	33·7	118·0	27·0	2	7	8	1	0
23	44·8	38·8	46·7	40·1	49·1	42·2	48·6	41·1	49·1	41·9	43·1	39·9	42·0	39·0	51·0	31·7	113·3	24·2	1	3	6	7	3
24	43·0	38·3	44·8	38·3	46·8	41·4	48·4	41·3	49·9	42·9	44·2	39·2	42·9	38·8	51·3	38·0	99·2	34·0	10	10	10	9	10
25	43·7	39·7	45·2	40·7	50·8	42·9	53·8	45·2	50·4	42·9	39·6	36·2	38·1	35·3	54·0	37·8	113·3	34·7	9	9	4	0	0
26	40·4	38·4	42·7	39·6	–	–	50·7	43·9	–	–	39·7	36·4	38·8	35·9	52·0	30·8	**123·6**	**21·7**	10	10	7	0	3
27	45·5	41·8	47·7	43·6	46·9	42·8	47·9	43·9	50·2	43·0	46·1	41·7	45·8	42·0	51·0	34·0	96·2	28·0	3	2	10	9	10
28	42·8	38·0	43·3	37·0	45·1	46·8	44·9	37·7	38·7	36·9	39·4	34·2	38·9	34·4	47·3	37·3	111·1	32·8	8	8	10	10	10
29	40·8	37·8	42·0	38·2	44·8	40·1	45·6	40·9	44·2	41·1	41·1	40·3	41·0	40·3	46·3	33·4	80·0	[42·0]	9	10	10	10	10
30	46·1	45·1	46·9	45·9	51·9	49·0	51·2	46·2	51·9	46·1	45·6	43·9	45·6	43·9	53·3	41·1	119·4	39·3	8	10	10	10	10
MEAN	42·5	38·6	44·5	39·5	–	–	48·1	41·4	–	–	41·6	37·9	40·9	37·5	50·5	34·7	105·5	30·5	6·1	6·4	7·0	5·3	5·7

STEVENSON SCREEN. TEMPERATURE AND AMOUNT OF CLOUD MAY 1891.

	Temperature—Dry and Wet Bulbs.														Max.	Min.	Black Bulb.	Radn. Min.	Amount of Cloud, 0 to 10.				
	9h		10h		12h		14h		16h		21h		22h						9h	10h	14h	21h	22h
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.									
1	45·9	45·3	45·3	44·9	47·0	46·2	47·8	46·9	47·9	46·9	42·2	40·7	41·2	40·7	48·3	41·0	66·0	43·4	10	10	10	10	10
2	39·7	38·8	42·9	40·9	45·8	41·1	47·5	41·9	46·5	41·8	42·1	38·2	41·7	38·1	49·2	36·0	105·0	35·3	9	9	9	9	9
3	39·4	38·2	40·4	38·9	–	–	47·9	44·1	–	–	41·7	39·9	42·3	40·7	50·4	36·0	115·4	34·0	10	10	8	6	8
4	44·0	41·8	46·2	42·9	50·9	45·5	51·6	45·6	51·1	45·1	42·5	39·9	41·2	39·1	53·9	35·3	124·2	30·2	8	8	6	0	0
5	48·2	44·7	54·8	47·1	57·3	45·5	57·7	47·9	57·2	48·1	52·7	45·7	49·0	44·9	59·6	34·0	115·4	**27·2**	4	4	10	9	9
6	51·8	46·0	50·9	47·1	53·9	47·1	54·6	48·3	53·6	47·8	49·7	46·7	48·1	46·0	55·9	46·3	77·8	37·8	10	10	10	10	10
7	49·0	47·1	50·0	48·0	54·2	49·9	57·0	51·2	56·0	50·1	51·6	48·0	49·9	46·8	57·2	46·8	124·0	47·2	10	8	8	10	10
8	51·0	45·2	50·1	45·7	53·8	47·9	55·1	48·8	57·1	50·1	47·1	45·1	46·2	44·8	58·1	45·9	110·4	45·7	10	10	10	5	4
9	50·1	47·2	51·9	48·2	58·1	52·2	62·1	52·7	65·4	54·4	50·7	45·8	51·1	44·9	66·3	44·0	125·4	40·0	9	8	5	0	0
10	53·5	46·7	56·6	48·8	–	–	64·9	53·0	–	–	52·5	47·7	48·8	45·8	66·0	39·7	122·0	31·8	0	0	0	0	0
11	53·9	47·7	57·1	49·2	66·2	54·3	70·0	56·1	69·1	56·7	55·7	50·1	54·8	49·8	**71·4**	40·3	**134·0**	[33·0]	1	1	6	4	3
12	59·8	51·9	58·0	52·0	59·2	52·5	60·8	54·2	63·7	54·2	53·9	51·9	53·8	52·5	65·0	45·0	123·0	37·0	5	7	10	10	10
13	49·7	49·0	49·7	49·1	50·1	49·8	55·2	53·2	57·0	50·1	49·1	44·1	48·1	44·1	58·3	48·0	131·3	49·7	10	10	9	3	5
14	47·8	45·6	47·9	45·7	49·9	42·2	49·7	44·1	49·2	43·1	44·1	39·9	43·7	39·3	51·2	39·9	114·2	41·0	10	10	5	8	6
15	45·7	42·1	47·9	43·7	44·1	42·3	44·1	41·6	48·7	42·1	39·9	36·8	37·8	35·0	49·3	39·0	114·3	36·3	10	9	9	7	3
16	39·0	33·3	36·7	33·8	40·6	34·6	40·1	35·3	41·8	35·9	34·1	33·0	34·9	33·2	42·8	33·0	115·0	28·0	9	8	8	8	4
17	38·1	34·9	39·6	35·0	–	–	45·2	38·2	–	–	39·7	37·8	41·0	38·7	46·9	**31·0**	122·6	27·6	7	9	9	10	9
18	45·0	41·1	46·9	42·2	50·7	44·1	50·4	44·1	48·9	43·9	43·1	40·2	42·1	40·2	53·1	38·8	124·8	34·9	5	7	6	9	10
19	45·8	41·8	48·4	41·7	52·0	43·4	51·1	43·1	49·4	43·1	44·3	40·9	41·8	39·5	54·0	37·0	124·0	[33·0]	7	6	5	3	6
20	46·9	42·8	48·0	42·6	53·0	45·0	55·1	45·7	53·3	45·7	46·1	42·6	45·2	41·9	57·0	35·4	130·7	29·2	5	8	7	9	8
21	46·9	41·5	49·5	43·0	51·3	43·9	55·8	45·8	55·9	45·3	45·9	41·8	45·4	41·9	58·6	40·4	131·2	37·1	6	6	6	3	5
22	49·7	43·9	50·8	44·8	53·0	45·7	55·8	47·2	55·0	47·9	47·9	43·3	44·9	41·3	58·4	36·0	131·5	28·0	5	8	7	8	5
23	49·8	43·1	50·2	43·1	52·9	45·1	51·3	45·3	54·7	46·5	49·1	45·1	47·8	44·7	57·0	38·0	119·5	31·5	4	5	10	9	6
24	49·1	44·1	51·4	44·9	–	–	56·2	46·9	–	–	47·5	42·9	45·7	42·1	57·9	37·1	122·2	28·0	2	5	7	4	2
25	47·0	40·9	47·7	41·0	50·1	43·9	50·1	44·0	50·7	44·3	44·8	40·9	43·2	40·0	54·2	37·8	124·7	30·0	9	9	8	6	7
26	45·9	42·6	46·0	42·5	48·8	44·8	49·7	45·1	50·4	45·8	47·1	45·8	46·3	45·4	51·2	37·5	103·7	32·5	10	10	10	10	10
27	47·1	45·2	48·0	45·5	51·8	47·8	51·2	48·1	50·9	49·4	48·2	45·6	47·1	45·2	52·2	44·3	78·2	43·3	10	10	10	8	10
28	45·9	44·2	46·2	45·0	48·7	45·4	51·8	46·2	50·6	45·9	49·8	45·1	49·9	44·9	52·3	40·6	76·5	32·9	10	10	10	10	9
29	49·9	46·1	51·0	46·1	51·9	46·9	52·9	48·7	51·9	47·9	45·8	44·9	45·2	44·1	55·9	45·0	120·8	42·8	10	10	10	8	10
30	53·8	46·8	55·2	48·0	57·2	49·5	59·2	49·9	60·9	51·2	51·9	45·8	52·2	45·6	61·8	41·9	127·0	35·8	7	7	8	2	5
31	60·0	50·8	61·9	52·1	–	–	63·9	54·2	–	–	58·9	50·7	57·1	50·1	66·3	42·0	116·7	33·7	8	9	10	10	10
MEAN	48·0	43·9	49 3	44·6	–	–	53·7	47·0	–	–	47·1	43·4	46·0	42·9	56·1	39·8	115·2	35·4	7·4	7·8	7·9	6·7	6·5

STEVENSON SCREEN. JUNE 1891.

	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.									
1	59·2	53·7	62·1	55·1	68·2	57·8	69·1	56·1	72·2	57·9	63·8	52·9	60·1	51·8	72·8	50·9	129·5	46·2	9	9	8	3	3
2	68·9	56·8	70·9	57·0	71·7	58·9	69·3	58·6	69·5	58·6	65·9	52·0	60·2	50·4	73·0	57·5	136·7	46·2	4	4	9	3	3
3	53·7	50·0	55·9	51·2	57·0	52·0	57·0	51·8	57·9	51·7	47·2	43·9	45·9	42·7	62·9	47·0	117·8	44·7	3	2	3	1	1
4	50·4	44·9	53·2	46·8	57·1	49·6	58·9	50·9	57·1	50·6	49·2	46·4	48·2	45·9	62·9	42·0	118·1	37·6	0	1	1	1	1
5	57·6	49·0	59·5	50·0	60·4	50·1	62·0	51·2	62·5	51·8	49·8	45·8	48·0	44·7	64·0	41·9	122·8	32·9	2	3	2	4	3
6	49·1	44·0	52·9	46·3	59·9	50·5	63·5	51·9	61·6	52·5	53·9	48·2	51·1	47·1	65·7	41·1	123·2	34·3	0	0	1	1	1
7	48·8	45·4	50·2	45·6	–	–	55·1	47·9	–	–	48·3	43·7	47·1	42·1	57·3	41·7	138·8	33·7	9	9	4	6	6
8	55·1	46·9	57·5	48·0	63·0	50·2	65·9	52·6	63·9	50·3	56·2	47·8	52·0	46·8	64·8	46·6	126·1	35·2	2	2	3	1	0
9	54·7	48·6	58·2	50·9	61·5	53·9	66·0	55·4	64·6	51·8	53·9	48·0	53·3	47·9	68·0	37·7	128·1	29·2	2	1	4	6	8
10	51·8	45·9	52·1	46·1	54·9	48·0	59·0	50·0	60·8	50·9	52·7	47·2	49·6	45·2	61·2	44·0	119·3	36·1	6	4	4	4	6
11	53·9	48·3	57·1	51·0	61·2	54·1	66·3	50·7	65·6	51·1	54·6	46·1	52·8	44·9	67·2	**36·0**	125·6	**28·3**	1	1	2	0	0
12	53·6	48·0	55·2	49·7	59·9	52·9	61·7	53·9	63·7	54·6	49·9	47·2	47·8	45·8	68·3	39·0	121·3	31·3	0	0	0	3	3
13	50·1	48·8	49·6	48·3	49·7	48·9	52·9	51·8	55·8	51·8	51·5	49·0	49·9	48·8	56·1	44·0	76·9	41·0	10	10	10	10	10
14	52·9	49·0	53·2	51·6	–	–	54·9	50·1	–	–	50·9	48·1	50·6	47·8	56·9	49·0	99·5	47·0	10	9	9	10	10
15	50·1	49·7	51·1	50·7	53·6	51·7	53·7	51·9	53·0	51·9	53·1	51·9	53·0	51·1	54·0	47·0	71·5	47·5	10	10	10	9	7
16	53·7	52·0	52·9	51·5	56·1	53·2	57·1	52·8	55·1	52·7	52·1	50·0	52·1	50·7	57·9	47·1	112·0	44·0	10	10	10	10	10
17	54·2	53·9	56·3	55·7	56·7	55·9	55·9	55·1	54·9	54·4	53·9	53·5	53·9	53·5	57·2	51·3	73·9	51·0	10	10	10	10	10
18	55·9	55·1	55·2	54·7	56·0	55·3	54·4	53·9	54·3	53·9	53·8	53·5	53·6	53·1	57·0	52·4	81·8	52·8	10	10	10	10	10
19	54·0	53·7	55·1	54·8	58·0	56·9	60·4	58·1	64·8	59·8	59·1	56·9	58·7	56·1	65·8	52·0	121·2	–	10	10	10	3	2
20	62·6	58·9	67·0	61·0	73·3	64·8	74·6	66·1	72·1	64·6	63·3	60·3	62·1	59·9	75·6	47·8	120·9	-	2	3	8	7	6
21	66·0	62·0	68·0	62·6	–	–	74·6	64·9	–	–	66·2	60·6	65·8	59·6	76·1	53·3	129·0	48·1	0	1	3	4	2
22	64·6	57·9	69·8	59·3	75·0	59·7	77·1	62·2	77·2	63·1	71·1	61·9	67·8	61·9	**79·9**	54·7	133·0	54·3	4	5	4	8	6
23	60·9	56·9	65·5	59·6	74·0	62·2	75·1	60·1	73·9	61·1	59·1	54·5	58·0	53·6	76·2	53·5	132·9	48·2	1	2	2	6	3
24	66·1	59·6	68·3	60·9	60·8	61·9	72·6	63·2	73·9	63·6	69·6	61·0	67·1	60·2	76·4	54·0	137·9	52·6	7	8	7	1	1
25	63·2	59·2	67·1	61·4	77·1	64·9	78·6	64·7	76·9	62·2	67·2	59·4	67·6	59·9	**79·9**	56·9	**141·4**	51·4	9	8	9	9	10
26	73·6	63·9	73·2	63·9	70·1	63·3	64·2	62·9	64·9	63·1	63·9	61·8	64·8	61·4	75·1	60·9	124·3	61·8	9	9	10	9	10
27	59·8	55·4	62·7	56·8	58·8	55·9	59·9	56·3	61·8	57·9	57·9	55·1	55·6	53·2	65·9	55·3	–	56·0	9	10	10	5	3
28	60·9	57·1	61·2	57·7	–	–	57·2	55·7	–	–	57·0	55·7	55·2	53·9	61·7	51·9	119·2	48·0	10	10	10	8	6
29	58·3	54·6	57·8	53·7	59·1	54·4	58·8	55·5	59·7	56·7	57·6	55·0	56·8	53·8	60·0	52·3	79·1	47·2	10	10	10	10	8
30	55·7	54·7	58·1	56·1	57·8	55·7	58·5	55·7	57·1	56·1	55·8	54·8	55·6	54·6	59·9	54·2	105·0	53·9	10	10	10	10	9
MEAN	57·3	52·8	59·2	53·9	–	–	63·1	55·7	–	–	57·0	52·4	55·5	51·6	66·0	48·8	116·1	44·6	6·0	6·0	6·4	5·7	5·3

STEVENSON SCREEN. TEMPERATURE AND AMOUNT OF CLOUD. JULY 1891.

	Temperature—Dry and Wet Bulbs.														Max.	Min.	Black Bulb.	Radn. Min.	Amount of Cloud, 0 to 10.				
	9h		10h		12h		14h		16h		21h		22h						9h	10h	14h	21h	22h
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.									
1	53·7	53·0	55·1	53·8	59·1	55·0	61·7	54·9	62·9	56·0	53·2	50·1	51·1	48·1	62·2	52·9	130·0	52·5	10	7	5	7	5
2	56·9	53·2	57·9	54·6	58·9	54·9	58·9	55·1	56·6	52·9	55·2	53·8	53·9	52·8	61·9	**44·0**	121·9	–	10	10	10	10	10
3	54·4	52·8	56·4	54·0	62·9	55·7	62·2	55·0	61·8	55·2	54·0	49·9	52·9	49·1	64·0	51·2	135·8	49·6	9	9	8	8	10
4	55·8	52·2	56·0	51·7	57·9	52·8	59·0	52·8	56·8	51·9	53·6	50·9	52·1	50·0	59·2	50·0	102·3	48·0	10	10	9	10	10
5	55·8	52·2	57·0	52·5	–	-	57·3	53·8	–	–	57·6	53·0	58·0	53·3	60·0	47·0	91·0	44·1	10	10	10	10	10
6	53·0	51·6	55·6	52·9	59·1	54·7	63·8	54·4	58·0	52·4	50·8	49·9	50·6	50·0	67·3	50·1	131·2	52·8	10	5	1	10	10
7	54·1	51·9	53·0	51·1	52·9	52·1	57·1	54·8	58·1	55·0	57·8	55·5	57·0	55·2	64·3	49·8	120·9	49·1	10	10	8	10	10
8	54·2	52·2	53·7	52·6	55·0	54·7	54·8	52·8	54·9	52·8	53·3	50·2	53·0	50·0	57·0	52·8	95·9	52·7	10	10	10	10	10
9	52·0	47·5	53·9	48·2	58·5	52·1	62·9	54·7	63·4	55·0	56·9	56·1	52·9	54·6	66·6	49·0	127·0	47·0	8	6	4	7	5
10	58·0	54·1	58·9	54·2	58·9	54·8	60·3	56·0	59·9	55·6	55·6	52·8	54·2	52·4	62·0	48·9	116·0	44·7	8	9	10	10	10
11	54·2	52·2	56·1	53·4	57·0	54·3	57·2	55·1	56·1	53·3	53·7	52·4	53·5	52·2	57·9	52·9	88·9	53·0	10	10	10	10	10
12	56·0	53·9	58·9	55·8	–	–	57·7	54·8	–	–	54·2	53·8	54·8	54·0	59·1	51·8	108·9	52·1	8	8	10	10	10
13	56·2	55·9	59·9	58·3	64·6	59·1	65·9	59·7	63·8	55·5	55·4	51·9	53·0	50·8	67·6	52·9	**138·2**	54·2	10	6	6	0	0
14	61·6	56·4	63·1	57·9	67·1	60·0	71·0	62·0	72·9	62·1	62·0	57·6	59·7	53·1	**73·5**	46·0	135·0	**42·0**	1	1	2	2	2
15	59·7	53·9	60·5	55·1	64·6	57·0	66·3	57·1	66·9	57·3	59·7	55·8	58·9	54·9	68·5	52·6	129·9	46·5	4	2	3	8	6
16	60·9	56·8	59·2	55·8	60·9	57·1	65·8	60·8	67·9	62·0	57·5	56·8	56·8	56·1	69·0	54·2	133·0	53·1	4	10	4	10	10
17	58·3	57·8	58·2	57·9	55·4	55·1	56·8	56·1	56·0	55·1	55·9	54·7	53·8	52·9	60·0	53·9	100·3	53·5	10	10	10	0	1
18	67·8	59·6	69·7	59·5	64·8	60·5	63·5	60·8	63·8	58·9	58·8	53·0	54·7	50·9	69·2	51·0	123·2	45·1	7	7	7	4	3
19	63·8	56·0	65·0	57·0	–	–	64·2	58·0	–	–	57·1	55·0	56·0	55·0	65·9	49·8	125·7	42·4	4	7	9	10	10
20	54·7	54·0	55·4	54·9	56·5	56·0	57·5	56·8	58·2	57·6	55·9	55·6	55·9	55·3	60·1	54·0	108·9	54·5	10	10	10	10	10
21	57·1	56·7	57·9	56·9	60·8	58·0	61·1	58·0	59·8	56·8	56·1	53·9	54·9	52·9	61·3	54·5	108·2	54·5	10	9	10	9	10
22	53·9	53·2	55·1	54·0	59·8	55·0	59·0	53·8	57·1	53·2	58·6	53·9	57·0	53·7	60·8	49·9	106·0	46·2	10	10	10	10	10
23	58·7	55·2	60·8	56·3	–	–	62·1	57·7	62·0	57·0	55·0	52·0	54·8	51·9	62·9	54·8	100·5	54·0	10	10	10	10	10
24	56·5	52·0	57·8	52·5	57·8	52·0	56·8	52·1	57·8	51·9	53·8	51·7	53·9	51·0	59·2	52·6	109·0	49·5	9	10	10	10	10
25	57·7	52·6	58·2	52·9	59·8	54·0	58·9	54·9	57·3	54·1	54·7	52·9	54·3	52·5	61·0	52·2	105·0	51·2	8	8	10	10	10
26	54·9	54·7	57·8	57·4	–	–	61·0	56·1	–	–	54·9	53·8	54·9	53·9	62·1	52·2	103·9	50·1	10	9	8	10	10
27	53·0	46·0	53·1	47·1	54·8	47·0	56·7	50·0	57·1	49·9	52·7	48·1	52·8	48·7	58·8	50·0	133·2	46·1	7	7	5	7	8
28	52·1	47·2	54·8	48·9	54·7	49·0	53·8	48·8	56·0	49·2	51·0	46·1	50·9	46·0	56·6	48·2	124·7	44·2	7	7	10	10	9
29	53·9	50·1	54·8	50·6	57·8	52·5	58·8	53·3	60·8	54·0	56·6	51·7	55·8	51·7	62·0	48·2	134·5	44·9	10	10	7	6	8
30	58·0	52·7	59·0	52·8	62·8	53·8	65·1	56·0	64·7	56·2	55·9	53·7	55·2	52·8	68·0	50·8	134·2	45·5	5	5	2	2	8
31	57·7	52·7	58·0	53·1	60·9	54·2	60·9	54·9	61·0	55·1	54·9	52·2	54·3	51·9	64·0	52·2	136·0	53·1	5	7	7	9	10
MEAN	56·6	53·2	57·8	54·0	–	–	60·6	55·5	–	–	55·6	52·9	54·6	52·2	63·0	51·0	118·0	49·2	8·2	8·0	7·6	8·0	8·2

STEVENSON SCREEN. AUGUST 1891.

	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.									
1	56·9	55·2	55·4	54·8	57·5	56·7	57·2	56·0	57·8	56·2	54·8	53·0	54·1	53·4	59·1	52·4	116·9	52·0	10	10	10	10	9
2	54·6	52·7	54·1	52·9	–	–	56·0	54·0	–	–	51·2	49·9	50·8	49·9	59·3	50·1	123·8	46·0	7	7	9	6	3
3	55·6	52·6	57·8	53·3	54·1	52·8	52·5	51·9	54·8	52·5	52·5	52·0	53·7	52·0	60·0	43·8	129·7	38·5	8	8	10	9	9
4	57·0	54·1	57·9	55·1	60·9	56·0	63·1	57·6	62·0	57·1	56·2	54·6	56·2	54·1	64·2	51·0	126·2	50·2	8	8	2	6	9
5	56·2	52·9	57·9	53·7	–	-	57·8	54·3	61·9	55·7	56·1	51·7	55·0	51·8	63·0	54·3	**133·8**	53·0	9	6	10	10	9
6	55·0	51·0	56·8	51·1	59·2	52·3	58·6	52·9	58·0	52·4	55·0	51·1	54·7	51·2	61·9	46·7	117·9	41·2	10	10	9	10	10
7	56·5	55·7	56·4	55·3	57·1	56·1	57·9	56·8	60·0	57·7	57·2	56·0	56·6	55·8	61·6	53·0	113·8	52·2	10	10	10	10	10
8	56·0	55·8	58·0	57·7	59·3	58·8	57·6	57·1	59·7	58·8	56·7	56·1	56·8	55·1	61·0	55·0	101·9	55·2	10	10	10	10	8
9	57·8	56·8	58·9	57·7	–	–	62·2	59·0	–	–	56·6	54·2	55·0	53·9	63·2	54·0	117·1	53·2	10	10	10	10	10
10	56·6	51·6	57·4	51·8	62·0	53·9	64·1	56·0	62·9	52·6	55·6	51·7	55·0	51·9	66·2	51·0	126·0	50·8	8	7	2	9	10
11	54·1	53·3	55·0	53·6	55·5	54·9	58·7	54·0	58·8	53·9	53·7	50·7	54·1	51·7	59·3	52·0	104·0	51·3	10	10	10	10	10
12	52·8	51·7	53·2	52·8	56·0	54·5	58·8	54·1	58·7	54·2	53·6	51·0	54·7	50·1	62·0	52·0	126·0	51·8	10	10	8	9	8
13	56·8	51·3	56·8	52·0	59·6	53·5	57·9	52·6	57·9	52·0	52·7	50·5	52·6	50·2	60·0	52·0	100·0	47·8	9	10	10	9	7
14	54·0	52·9	55·1	53·7	56·6	55·9	56·7	56·2	56·7	56·2	55·9	54·8	55·1	53·6	59·9	49·5	80·0	47·3	10	10	10	10	10
15	55·6	52·0	56·0	52·9	59·0	53·5	56·6	52·8	56·4	55·3	56·1	52·9	55·9	52·9	59·0	52·0	88·0	50·1	10	10	10	10	10
16	57·9	52·9	56·2	51·7	–	–	60·8	53·2	–	–	50·2	46·7	51·1	47·7	64·0	49·5	133·0	46·6	8	8	6	5	0
17	58·2	51·9	58·2	52·0	58·8	53·0	60·2	55·0	60·6	55·1	61·0	55·6	60·0	55·5	61·8	48·2	73·0	45·2	10	10	10	10	10
18	58·8	55·9	64·8	57·2	67·1	58·7	71·2	60·2	70·0	58·1	57·9	54·9	58·6	54·8	**72·0**	54·3	123·8	51·7	5	5	4	5	5
19	64·0	55·9	64·9	55·2	64·6	55·2	66·7	51·8	64·8	55·2	57·3	53·3	58·3	54·1	68·4	55·7	125·7	49·2	5	5	10	9	8
20	59·4	54·8	60·7	55·0	62·1	56·5	57·4	54·9	57·7	54·9	55·0	53·6	54·2	53·2	63·0	54·0	97·4	46·9	7	8	10	10	10
21	55·9	52·7	56·1	52·5	58·9	54·3	56·6	54·2	56·0	54·6	54·9	52·2	54·1	52·9	59·8	52·4	100·7	50·1	10	8	10	10	10
22	56·8	52·9	59·3	53·2	61·6	54·7	67·1	57·1	61·6	57·4	55·8	53·7	55·2	52·4	68·3	52·0	127·2	50·0	7	8	6	9	6
23	53·9	48·8	54·8	48·6	–	–	58·8	51·0	–	–	52·1	49·1	50·8	48·1	63·2	46·2	124·4	40·7	10	10	4	9	8
24	51·9	50·9	53·2	51·6	53·8	52·7	54·9	53·7	54·9	54·6	53·7	51·2	53·3	51·3	57·0	49·2	71·5	–	10	10	10	10	10
25	53·8	52·8	55·7	53·8	57·7	53·3	55·0	53·1	54·0	53·2	53·9	53·6	54·1	53·8	57·4	51·3	109·5	51·3	10	9	10	10	10
26	54·0	51·3	54·7	51·9	55·5	52·9	57·8	52·7	59·2	52·7	53·8	50·8	53·0	51·6	59·9	51·3	112·5	51·0	10	10	6	8	6
27	54·3	51·9	57·0	54·0	57·5	52·1	61·1	53·2	58·2	52·9	50·7	48·9	48·8	47·2	61·9	49·1	123·4	46·7	8	9	4	3	1
28	52·2	50·2	52·7	50·2	55·9	52·0	55·1	52·1	52·2	49·0	50·1	48·1	49·9	47·9	58·5	[45·4]	117·7	45·5	10	3	10	7	6
29	51·7	49·7	51·6	48·6	55·3	51·0	59·7	50·0	56·1	49·1	45·5	41·8	43·2	41·0	61·2	42·8	129·6	41·9	8	8	7	1	1
30	47·6	44·9	50·1	47·0	–	–	55·9	52·1	–	–	53·8	48·0	54·7	48·3	56·4	**36·3**	129·7	**28·7**	9	10	8	9	10
31	55·8	51·0	55·7	51·8	59·3	54·3	59·2	54·1	57·1	54·0	56·0	55·8	56·9	55·2	60·7	46·5	103·7	47·6	10	10	10	10	10
MEAN	55·5	52·5	56·5	53·0	–	–	59·1	54·3	–	–	54·4	51·9	54·1	51·7	61·7	50·1	113·2	47·8	8·9	8·6	8·2	8·5	8·0

STEVENSON SCREEN. TEMPERATURE AND AMOUNT OF CLOUD. SEPTEMBER 1891.

	Temperature—Dry and Wet Bulbs.														Max.	Min.	Black Bulb.	Radn. Min.	Amount of Cloud, 0 to 10.				
	9h		10h		12h		14h		16h		21h		22h						9h	10h	14h	21h	22h
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.									
1	56·1	52·7	56·2	53·2	55·2	53·0	55·2	54·1	56·1	53·9	53·5	51·0	54·5	51·4	58·0	53·0	101·8	51·8	10	10	10	10	10
2	53·6	52·1	53·7	52·3	53·8	52·7	53·0	50·9	54·9	52·4	52·0	49·6	50·8	49·1	56·1	49·9	89·1	50·8	10	10	10	4	9
3	51·9	48·9	55·7	51·1	56·8	51·9	55·2	52·1	55·4	51·9	50·8	49·0	51·4	49·1	59·5	48·8	114·9	46·1	3	3	9	9	10
4	53·0	51·2	57·0	54·0	58·1	53·3	61·6	55·3	59·1	53·7	49·7	47·0	48·8	47·0	62·0	48·0	**128·1**	43·1	4	5	4	0	1
5	52·0	51·0	53·7	52·5	55·8	54·1	55·2	53·7	53·9	53·0	53·3	52·0	52·8	51·8	57·7	[49·6]	91·0	45·1	10	10	10	10	10
6	48·0	45·9	48·8	47·2	–	–	50·7	48·1	–	–	49·0	47·5	49·1	46·9	55·4	47·0	111·0	45·0	8	10	10	6	5
7	55·0	50·0	54·0	48·9	58·1	50·0	58·8	50·8	56·8	50·1	46·8	44·9	45·6	44·0	61·4	45·0	123·9	45·0	9	6	5	0	0
8	49·8	47·5	52·8	49·4	56·9	53·0	61·5	56·0	60·8	56·0	56·8	55·0	56·1	54·8	62·0	40·9	85·8	32·9	10	9	10	10	10
9	57·2	56·8	58·8	58·1	60·0	59·5	58·8	57·9	58·7	57·5	59·9	57·9	59·7	57·8	60·0	52·4	74·0	47·8	10	10	10	10	9
10	60·3	55·8	63·6	58·0	66·7	59·8	68·8	62·1	67·0	60·8	57·8	57·0	57·4	57·0	70·2	54·3	123·6	50·3	3	7	7	10	10
11	57·7	56·3	59·2	57·1	60·1	57·7	61·9	59·0	66·8	62·1	62·9	60·1	62·0	59·2	65·7	55·6	111·5	54·1	10	10	8	4	4
12	61·1	57·9	63·8	58·8	65·1	60·2	65·5	60·4	64·1	59·9	54·1	53·7	53·4	53·1	66·0	52·9	115·1	52·9	0	0	0	0	0
13	54·2	53·9	57·0	55·9	–	–	72·9	63·4	–	–	61·7	59·9	60·0	58·8	**74·8**	48·1	124·0	43·8	10	0	4	10	10
14	53·0	51·0	53·9	52·1	53·1	50·8	56·9	50·0	59·0	50·8	51·3	48·0	51·2	48·8	60·0	49·5	123·2	50·4	10	10	8	9	10
15	50·3	47·9	52·9	49·4	57·1	51·6	56·3	51·0	54·8	52·3	55·0	52·7	54·8	53·0	58·1	47·1	111·6	42·1	6	8	10	10	10
16	55·6	54·7	56·7	55·3	56·9	55·0	57·0	55·1	56·0	55·1	55·9	55·6	56·1	55·9	58·5	54·0	74·0	52·3	10	10	10	10	10
17	56·6	56·1	56·6	56·1	57·0	56·8	56·1	55·9	56·8	56·2	55·5	55·2	55·3	55·1	57·9	54·1	79·0	54·2	10	10	10	10	10
18	55·3	53·3	56·7	54·8	58·2	54·9	59·1	54·2	58·1	53·9	54·3	53·6	54·1	53·7	61·0	52·3	117·9	52·6	8	10	9	10	10
19	55·0	52·3	55·9	52·4	55·9	52·7	56·9	51·8	58·8	53·9	49·8	47·7	47·8	46·3	59·7	47·4	108·1	49·2	8	7	6	3	2
20	48·2	46·9	50·1	48·0	–	–	56·9	50·7	–	–	48·9	47·6	49·9	47·9	59·0	43·9	118·9	38·9	10	10	10	10	10
21	50·3	45·1	49·5	45·8	49·1	46·2	50·0	44·9	50·7	45·0	48·8	44·2	48·8	44·1	52·8	46·3	68·0	46·2	10	9	10	10	10
22	49·3	45·4	50·2	46·1	51·9	46·0	53·1	46·7	52·9	46·9	42·0	39·9	40·8	39·0	54·4	38·9	113·3	37·5	6	6	4	0	0
23	44·7	41·9	48·2	44·1	57·0	49·8	58·8	51·4	56·8	51·1	53·9	49·0	53·2	48·9	60·4	**35·4**	125·2	**28·0**	0	0	7	2	5
24	53·8	52·3	54·0	53·2	56·1	54·8	59·2	55·2	54·8	53·7	52·1	50·0	52·5	49·7	59·5	51·1	119·9	45·3	10	10	6	9	9
25	51·2	50·7	53·3	52·0	57·0	51·8	58·2	51·0	58·6	52·0	56·9	53·9	57·8	53·9	61·0	48·0	110·4	48·0	10	10	10	10	10
26	52·3	48·3	52·9	49·7	51·6	50·7	53·8	50·8	52·8	50·7	53·0	49·8	52·9	49·0	60·7	[49·1]	104·1	47·9	10	9	10	10	9
27	51·0	46·9	51·9	47·1	–	–	53·6	48·5	–	–	51·9	49·2	51·9	49·8	55·2	47·9	90·6	44·9	9	9	10	10	10
28	53·3	52·9	54·0	53·8	56·6	56·1	56·8	56·5	58·3	57·9	54·3	52·3	53·1	51·9	59·5	50·8	66·4	47·8	10	10	10	10	10
29	51·9	49·9	52·8	49·8	54·5	50·9	52·8	50·5	52·2	50·9	52·2	50·1	51·9	48·8	54·9	50·9	87·9	49·0	10	10	9	10	3
30	54·0	49·0	51·9	48·1	49·7	47·8	56·9	50·9	51·7	48·9	52·2	47·2	48·9	47·2	57·0	45·0	105·9	46·5	10	10	10	4	10
MEAN	53·2	50·8	54·5	51·8	–	–	57·7	53·3	–	–	53·2	51·0	52·8	50·8	59·9	48·6	103·9	46·3	8·1	7·9	8·2	7·3	7·5

STEVENSON SCREEN. OCTOBER 1891.

	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.									
1	47·9	46·9	48·2	46·6	49·2	47·1	51·1	47·9	51·2	47·6	47·7	46·0	46·9	45·1	54·0	45·0	112·8	41·8	10	9	8	10	10
2	48·3	46·0	50·0	46·6	54·4	48·6	58·9	55·4	54·4	49·7	49·9	47·0	50·1	47·1	**60·0**	44·2	112·7	41·2	4	3	3	5	10
3	53·1	52·5	53·6	52·9	54·2	53·9	54·8	54·6	55·7	54·3	57·1	55·9	57·1	55·7	58·0	45·5	60·3	–	10	10	10	10	10
4	54·2	53·0	55·9	53·4	–	–	53·7	52·7	–	–	54·9	52·3	55·2	52·3	**60·0**	53·0	62·7	52·8	10	10	10	10	10
5	55·8	51·7	55·6	50·8	58·5	51·5	57·8	49·2	57·1	48·1	57·8	49·8	57·7	49·9	**60·0**	54·0	107·2	50·2	10	10	5	7	8
6	52·2	51·5	51·9	51·2	52·7	51·9	52·2	49·8	51·9	49·7	45·7	43·9	49·1	44·3	58·2	44·3	77·0	50·1	10	10	10	3	2
7	51·0	47·8	52·1	48·2	54·4	50·8	52·8	50·0	54·5	48·9	53·5	46·8	52·1	45·9	57·1	45·4	107·0	40·1	10	10	8	1	1
8	51·6	47·0	53·0	47·9	55·0	48·2	56·0	48·9	54·9	47·4	52·3	48·0	52·8	48·7	57·1	49·0	**113·9**	45·5	10	9	7	10	10
9	53·3	47·2	54·1	47·7	54·6	48·0	50·2	48·8	53·1	48·0	48·2	46·6	48·7	46·9	56·3	45·0	77·2	45·9	4	9	10	10	8
10	51·8	46·9	53·3	48·6	55·3	48·9	56·6	48·9	52·9	47·9	51·8	48·1	50·8	48·2	57·4	47·2	110·5	44·5	10	8	4	9	9
11	55·1	49·4	55·4	49·1	–	–	55·0	50·0	–	–	51·8	46·6	51·1	46·8	56·3	47·8	72·7	46·0	10	10	10	2	7
12	48·9	44·0	49·8	44·2	52·9	45·9	53·1	46·1	50·9	44·8	45·3	43·1	46·0	44·6	54·0	44·2	110·0	43·2	7	6	7	8	10
13	46·7	42·7	48·8	43·6	51·6	45·7	50·0	44·7	50·8	43·7	51·8	47·1	48·8	45·1	53·0	[41·2]	104·0	34·5	4	4	10	8	10
14	46·8	43·8	48·1	43·8	49·1	44·7	46·6	45·3	47·9	44·6	48·7	45·6	48·1	45·8	52·0	44·3	79·2	41·0	10	10	10	10	10
15	47·4	44·5	48·8	45·6	44·9	43·7	45·8	43·9	45·9	43·9	43·9	42·4	43·2	42·0	50·0	42·0	90·0	42·2	10	10	10	10	3
16	42·0	40·2	43·7	42·1	49·3	45·8	49·9	45·1	48·3	43·9	45·7	44·7	45·9	44·9	52·0	39·2	98·2	33·0	10	10	10	10	10
17	48·9	44·2	49·1	44·9	49·0	45·7	49·0	44·9	48·4	43·9	45·6	41·2	42·9	40·1	51·9	42·3	103·9	43·0	9	8	9	4	4
18	[42·1]	[40·3]	44·7	43·7	–	–	51·7	46·0	–	–	47·9	45·0	48·7	45·9	52·0	38·0	77·9	33·3	10	9	10	10	10
19	46·0	42·9	44·9	43·1	45·6	42·9	48·1	44·6	47·7	43·0	42·6	40·6	42·3	39·9	52·2	40·0	104·8	42·0	8	8	4	4	8
20	44·9	41·8	47·0	43·1	50·1	44·6	50·4	45·7	50·4	45·1	50·7	46·7	49·0	45·3	53·2	40·0	103·1	38·3	7	8	10	9	10
21	49·9	45·7	50·6	46·2	50·3	45·6	54·1	47·5	49·8	45·7	50·2	45·3	50·0	45·3	55·3	44·2	102·6	–	10	10	5	5	4
22	48·1	46·0	51·8	47·9	53·6	48·2	50·8	47·4	49·3	46·1	45·1	43·9	44·9	43·1	56·0	44·0	100·7	36·4	8	6	7	7	7
23	34·7	34·1	37·9	36·9	45·3	43·1	50·6	46·5	47·8	44·9	44·4	42·9	46·1	44·9	53·2	33·8	99·0	26·9	4	2	3	4	8
24	47·3	43·8	47·7	44·0	50·4	45·6	48·6	43·6	47·7	43·3	36·8	35·9	33·9	33·3	51·8	36·3	105·8	–	7	6	5	0	0
25	30·5	30·0	32·4	31·3	–	–	45·0	42·7	–	–	35·7	34·6	36·2	35·2	51·3	29·4	93·3	29·7	0	3	2	0	6
26	38·1	37·0	41·7	39·6	46·9	43·2	50·2	45·0	48·9	43·6	41·4	40·0	40·0	39·0	52·8	32·5	94·1	26·6	7	5	1	2	2
27	[37·3]	[35·0]	45·9	42·2	48·5	46·8	50·2	44·3	50·6	45·0	41·2	37·9	40·9	37·7	52·3	35·8	93·0	29·6	0	1	0	0	0
28	36·7	35·0	39·9	37·5	47·5	42·0	51·6	44·1	48·9	47·4	36·9	35·1	35·9	34·1	56·3	34·8	96·5	26·1	0	0	0	0	0
29	28·7	28·0	30·9	30·7	37·9	36·7	44·1	40·9	43·7	40·8	39·1	37·0	37·1	35·9	47·3	**26·8**	84·3	**20·6**	1	1	0	10	0
30	40·0	38·8	40·5	38·9	45·1	42·1	50·8	46·1	45·8	42·9	39·2	37·0	36·9	35·9	53·0	34·4	84·0	28·0	10	10	1	0	0
31	30·7	30·2	35·0	32·1	39·1	38·0	44·7	41·9	43·7	41·6	39·6	38·3	38·7	37·8	48·9	30·0	82·3	23·8	0	5	5	1	1
MEAN	45·5	42·8	47·2	44·0	–	–	51·1	46·9	–	–	46·5	43·7	46·0	43·4	54·3	41·1	94·2	37·7	7·1	7·1	6·3	5·8	6·1

STEVENSON SCREEN. TEMPERATURE AND AMOUNT OF CLOUD. NOVEMBER 1891.

	Temperature—Dry and Wet Bulbs.														Max.	Min.	Black Bulb.	Radn. Min.	Amount of Cloud, 0 to 10.				
	9h		10h		12h		14h		16h		21h		22h						9h	10h	14h	21h	22h
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.									
1	42·8	41·8	44·7	42·8	–	–	50·4	47·7	–	–	45·4	44·5	44·1	43·6	52·6	37·7	92·0	33·3	6	7	2	2	1
2	37·8	37·2	42·0	41·1	48·7	46·1	50·9	48·3	50·4	46·0	38·0	37·1	38·2	37·0	**56·9**	37·0	90·4	31·0	0	0	0	0	2
3	42·0	40·7	42·8	40·9	44·7	42·7	46·0	43·0	44·8	42·0	44·0	41·1	44·7	41·4	46·0	36·6	55·9	30·8	10	10	10	10	10
4	45·2	42·8	46·7	43·8	47·8	45·0	48·1	45·8	47·1	45·6	44·2	41·8	43·9	41·2	48·5	40·0	54·7	38·2	10	9	10	10	10
5	41·8	41·0	41·9	41·1	44·3	43·0	43·8	43·0	43·9	43·0	44·8	44·0	44·8	43·9	45·1	41·0	46·7	39·3	10	10	10	10	10
6	45·6	44·6	45·3	42·9	46·0	42·2	46·2	42·0	46·0	42·2	46·8	46·0	47·2	46·5	47·3	43·5	51·6	42·2	10	10	10	10	10
7	37·2	37·0	37·0	36·7	43·9	42·6	48·0	44·1	47·0	43·7	46·9	42·8	46·2	41·9	49·3	35·7	**96·2**	30·0	9	7	9	10	9
8	47·1	40·8	47·8	40·9	–	–	46·2	43·3	–	–	48·8	45·9	47·6	45·8	49·7	[45·5]	59·6	42·4	10	9	10	10	10
9	43·7	41·2	43·8	41·7	43·1	41·0	42·8	40·3	41·2	40·1	39·6	38·8	39·9	38·4	48·0	37·0	51·2	39·3	10	10	10	10	7
10	41·0	39·1	40·3	37·8	41·0	39·1	39·5	37·5	39·0	38·0	41·2	38·3	42·0	38·8	43·2	35·9	82·2	32·7	8	6	10	7	10
11	43·0	40·2	43·6	40·9	42·7	40·9	42·8	40·9	41·3	40·3	42·7	41·0	42·4	39·9	44·0	39·3	44·9	37·9	10	10	10	10	10
12	43·0	38·0	42·9	39·2	44·0	39·9	46·9	40·9	40·5	37·5	46·0	41·9	46·0	41·9	47·0	36·3	89·0	35·2	8	5	3	8	6
13	47·7	45·2	51·6	45·8	51·8	45·9	49·9	45·8	47·4	44·7	45·8	43·6	46·8	43·7	52·7	39·6	61·2	32·5	10	10	10	10	10
14	44·9	41·6	46·0	42·9	46·8	42·9	46·1	43·5	46·3	42·1	42·1	39·9	41·8	39·4	47·1	41·0	51·0	39·6	10	10	10	8	8
15	41·9	40·1	41·8	40·0	–	–	44·3	42·1	–	–	40·0	38·9	40·0	38·9	46·4	38·2	74·7	33·4	7	8	4	7	5
16	35·7	34·9	37·1	36·4	40·1	38·8	41·1	40·0	41·9	40·6	43·9	38·4	44·0	38·9	44·9	32·2	78·1	25·9	10	9	9	3	8
17	39·9	38·6	41·0	39·9	43·8	41·3	43·7	41·7	40·9	39·6	39·5	38·6	41·1	40·0	46·0	37·0	80·2	35·9	10	8	8	10	6
18	[40·0	37·8]	45·1	39·9	43·2	40·1	43·9	40·7	45·9	42·8	47·0	45·6	47·2	45·9	47·8	33·1	45·1	28·4	10	10	10	10	10
19	47·9	44·0	48·5	44·2	48·2	44·9	46·8	44·9	45·9	44·0	46·2	44·8	46·6	44·2	49·2	[45·2]	64·0	42·7	9	10	10	10	10
20	43·8	42·8	44·1	43·1	46·1	45·2	45·9	44·7	42·7	40·8	41·9	40·7	40·9	39·9	47·1	40·2	84·2	38·9	10	10	10	7	10
21	36·4	35·6	36·9	35·9	39·8	38·1	42·8	40·9	40·8	39·5	38·7	36·9	37·8	36·8	46·1	35·4	85·2	30·0	2	8	8	5	6
22	33·5	32·9	32·7	32·2	–	–	38·0	36·7	–	–	33·9	33·0	33·9	33·1	39·0	31·1	85·2	26·8	1	4	7	10	10
23	33·2	31·6	34·7	32·1	37·8	36·7	38·9	37·7	38·9	37·9	36·1	35·8	34·2	33·9	39·1	29·1	44·1	21·2	10	10	7	10	10
24	[33·0	32·9]	33·3	33·0	34·9	34·0	34·2	33·2	31·9	31·3	30·1	[29·9]	30·9	30·1	35·3	29·0	57·4	27·2	10	10	7	1	0
25	37·8	36·7	38·7	37·1	41·7	39·6	38·7	37·8	35·1	34·8	36·1	35·9	36·8	36·0	41·9	29·0	57·2	25·7	10	10	10	2	3
26	34·7	33·9	35·8	34·9	34·8	34·0	36·0	35·0	35·1	34·1	29·9	29·7	30·8	29·9	38·0	29·2	46·0	30·2	8	9	9	0	2
27	24·7	24·4	24·9	24·3	28·5	27·5	31·6	30·6	30·6	29·9	33·3	32·1	33·9	32·1	34·3	**23·8**	58·0	**18·6**	0	1	1	7	10
28	42·6	37·9	42·2	37·9	43·9	40·1	43·1	39·9	44·2	40·7	46·7	41·1	46·9	41·7	49·0	[31·8]	48·8	26·8	10	10	10	3	4
29	43·2	41·3	42·2	41·0	–	–	41·7	38·9	42·1	38·7	40·0	38·0	39·7	38·1	47·7	[37·8]	62·4	38·8	10	10	9	10	10
30	43·1	40·2	43·2	40·9	44·2	42·6	45·0	43·2	44·1	42·7	43·1	41·0	43·1	40·8	45·8	[39·3]	47·5	34·0	10	10	10	10	10
MEAN	40·5	38·6	41·3	39·0	–	–	43·4	41·1	–	–	41·4	39·6	41·4	39·5	45·8	36·2	64·8	33·0	8·3	8·3	8·1	7·3	7·6

STEVENSON SCREEN. DECEMBER 1891.

	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.									
1	51·9	47·2	51·9	46·9	52·0	46·7	51·9	47·0	50·9	47·6	46·7	44·9	46·1	44·9	53·5	40·0	51·8	35·0	10	10	10	10	10
2	37·0	36·0	39·2	36·9	40·0	38·0	44·6	42·0	42·8	41·8	47·0	42·8	46·7	42·8	47·5	37·0	65·2	31·4	7	6	9	10	10
3	52·9	49·9	53·2	49·8	50·0	48·4	49·8	47·7	50·1	47·7	47·8	44·8	48·1	44·8	**55·8**	[45·5]	54·2	32·8	10	10	10	8	6
4	47·1	44·9	45·2	42·9	44·9	43·9	47·9	45·6	46·6	44·9	49·9	45·7	48·9	46·4	50·8	47·7	54·3	41·8	10	10	9	10	10
5	46·2	45·7	47·7	46·1	46·0	45·6	45·9	44·8	–	–	43·0	41·7	42·9	41·7	50·9	42·1	59·7	44·3	10	10	10	5	3
6	42·1	39·0	43·6	38·7	–	–	44·0	39·9	–	–	40·6	38·9	38·9	37·9	45·3	39·0	71·6	36·6	7	3	8	4	3
7	36·1	34·7	35·9	34·7	38·6	35·9	38·1	35·8	36·1	34·5	31·1	30·2	30·7	29·6	40·3	31·0	46·5	30·1	10	10	10	6	0
8	43·9	41·1	42·0	39·2	42·7	38·9	41·1	38·9	39·4	38·1	38·0	37·8	38·6	38·2	44·1	27·6	51·3	20·7	10	10	10	10	10
9	44·9	43·2	44·9	42·4	43·7	42·1	45·0	43·0	44·8	43·7	49·1	45·6	45·4	42·6	49·2	[37·9]	50·9	37·9	9	10	9	10	10
10	41·1	37·8	38·9	36·8	39·8	37·7	39·8	37·2	38·0	36·2	33·7	33·1	34·6	33·6	46·8	32·3	56·0	34·4	9	9	10	10	10
11	38·1	34·5	37·6	34·0	37·9	34·2	35·1	34·0	35·6	33·9	37·7	33·9	39·1	34·9	39·6	33·2	67·6	30·1	10	9	7	6	7
12	34·0	32·1	34·6	32·7	33·9	33·3	34·4	32·9	37·3	34·5	38·7	35·2	37·8	35·7	40·8	30·8	67·4	29·4	5	9	10	10	10
13	34·1	33·9	34·6	34·2	–	–	36·7	35·9	–	–	37·1	36·1	37·5	36·8	38·4	32·2	38·8	31·8	10	10	10	10	10
14	40·9	37·3	40·8	37·2	40·8	37·7	40·1	38·0	40·5	36·9	34·9	32·7	33·7	31·9	41·0	32·8	-	32·0	5	5	7	5	4
15	31·1	29·6	31·8	30·6	35·9	33·7	40·8	37·7	41·8	38·5	42·2	41·7	45·0	44·7	45·4	[28·6]	46·1	21·2	10	10	10	10	10
16	42·2	40·2	42·1	40·0	42·5	40·5	42·3	40·2	37·2	36·3	31·5	30·9	31·9	30·9	47·9	30·2	**73·8**	39·4	8	8	2	2	0
17	29·7	28·9	29·2	28·7	31·8	30·7	40·6	37·4	41·9	38·9	38·9	37·4	42·6	40·5	42·9	28·0	–	19·6	7	7	7	10	10
18	45·8	43·8	46·6	43·8	46·7	43·7	46·7	43·8	45·2	44·6	45·9	45·3	47·0	45·9	48·0	43·3	48·6	40·2	10	10	10	10	10
19	44·8	43·5	44·5	42·9	44·0	41·8	44·0	41·1	43·7	40·9	45·1	41·7	45·2	42·0	47·8	42·1	50·0	43·9	10	10	10	10	10
20	43·7	41·1	43·8	41·2	–	–	44·9	41·9	–	–	41·9	39·1	41·9	39·0	46·0	40·0	45·2	41·3	10	10	10	4	5
21	41·8	38·9	42·0	38·9	41·9	39·2	41·9	38·9	40·8	37·8	30·7	29·7	29·6	28·9	42·9	29·1	69·8	37·9	9	5	6	0	0
22	28·8	27·8	28·7	27·7	35·6	32·1	39·2	35·9	39·6	36·4	42·2	38·1	40·7	37·6	42·8	**26·8**	52·2	**18·5**	0	0	0	5	6
23	42·2	40·2	42·9	40·8	44·2	42·1	44·9	42·1	43·9	40·8	42·8	39·9	42·8	40·0	46·3	39·8	65·9	34·4	9	8	9	6	7
24	32·1	31·5	33·6	32·6	40·1	38·7	41·2	39·7	41·6	39·9	41·5	39·9	41·8	40·1	43·0	31·5	42·1	28·8	9	10	10	7	10
25	37·8	34·0	37·6	33·7	–	–	40·0	35·9	41·0	36·7	42·8	39·0	41·9	39·3	43·8	35·2	42·9	–	10	7	8	10	4
26	48·0	45·2	48·8	46·0	49·7	45·9	50·1	47·1	49·4	46·9	44·9	43·8	46·7	44·2	51·0	43·3	49·7	40·0	10	10	10	10	10
27	40·8	36·7	42·0	37·5	–	–	42·6	38·9	–	–	41·6	39·5	41·0	38·7	46·6	41·1	47·7	34·8	8	9	10	10	3
28	36·1	35·2	36·8	35·5	37·9	36·6	35·8	34·9	40·2	37·7	42·9	40·7	46·7	44·1	47·3	34·5	45·0	32·8	8	10	10	10	10
29	40·8	38·0	40·8	37·7	37·6	36·5	38·8	36·3	40·2	36·9	37·8	35·8	39·6	36·4	48·2	36·8	46·8	35·2	10	10	7	3	1
30	40·4	37·8	39·0	38·0	40·1	38·1	39·7	38·8	40·0	38·9	38·7	37·8	39·3	37·9	41·3	36·3	41·2	33·8	10	10	10	10	10
31	36·7	35·9	38·8	37·0	39·9	38·2	40·0	38·5	39·1	38·0	38·8	37·7	39·7	38·0	42·2	34·0	62·0	32·9	10	9	9	10	10
MEAN	40·4	38·2	40·6	38·2	–	–	42·2	39·9	–	–	40·8	38·8	41·0	39·0	45·7	35·8	[54·1]	[33·4]	9·0	8·5	8·7	7·8	7·1

MONTHLY AND ANNUAL MEAN VALUES AT BEN NEVIS OBSERVATORY, 4407 FEET, AND AT FORT-WILLIAM OBSERVATORY, 42 FEET ABOVE SEA LEVEL. 1891.

BAROMETER—BEN NEVIS.

	Mid-night.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
Jan.	5·343	5·336	5·329	5·325	5·317	5·315	5·312	5·312	5·319	5·318	5·325	5·327	5·327	5·321	5·313	5·316	5·319	5·330	5·333	5·337	5·333	5·336	5·337	5·335	5·333	5·325
Feb.	·659	·659	·656	·652	·650	·654	·657	·657	·660	·664	·667	·666	·663	·659	·646	·640	·638	·645	·651	·654	·654	·658	·661	·663	·664	·656
Mar.	·121	·121	·113	·107	·102	·104	·105	·112	·120	·124	·125	·129	·130	·132	·123	·123	·121	·121	·121	·123	·122	·122	·120	·121	·120	·119
Apr.	·373	·372	·365	·360	·356	·354	·355	·361	·365	·368	·373	·376	·379	·379	·381	·380	·375	·378	·376	·375	·375	·371	·368	·365	·359	·369
May	·230	·225	·219	·213	·208	·204	·204	·209	·211	·215	·220	·223	·228	·234	·241	·243	·243	·240	·240	·242	·249	·253	·253	·251	·247	·230
June	·562	·557	·551	·546	·543	·544	·544	·547	·550	·553	·554	·556	·557	·559	·561	·561	·560	·558	·556	·556	·558	·562	·562	·557	·552	·554
July	·377	·370	·367	·361	·360	·358	·362	·367	·372	·376	·381	·385	·389	·391	·393	·394	·394	·392	·391	·393	·392	·396	·394	·391	·388	·381
Aug.	·203	·195	·189	·182	·173	·170	·171	·177	·181	·187	·190	·196	·199	·202	·201	·199	·198	·195	·192	·191	·191	·190	·186	·181	·174	·188
Sept.	·291	·289	·286	·281	·277	·274	·273	·282	·283	·285	·288	·290	·295	·298	·295	·294	·295	·296	·297	·298	·305	·310	·307	·307	·304	·292
Oct.	·024	·029	·034	·031	·034	·036	·036	·039	·049	·051	·053	·059	·057	·055	·058	·057	·057	·053	·056	·056	·057	·054	·046	·053	·060	·049
Nov.	·185	·179	·172	·168	·163	·162	·160	·164	·166	·166	·166	·165	·156	·147	·144	·144	·144	·146	·151	·155	·157	·156	·155	·153	·150	·158
Dec.	·083	·082	·081	·078	·073	·073	·076	·081	·090	·096	·103	·106	·102	·100	·094	·090	·090	·083	·081	·082	·088	·089	·085	·086	·082	·087
Year	5·288	5·284	5·280	5·275	5·271	5·271	5·271	5·276	5·280	5·284	5·287	5·290	5·290	5·290	5·288	5·287	5·286	5·286	5·287	5·288	5·290	5·291	5·290	5·289	5·286	5·284

BAROMETER—FORT-WILLIAM.

Jan.	9·906	9·987	9·980	9·975	9·968	9·959	9·952	9·954	9·955	9·956	9·962	9·965	9·961	9·951	9·950	9·952	9·957	9·960	9·968	9·974	9·978	9·980	9·982	9·980	9·981	9·963
Feb.	0·303	0·301	0·301	0·295	0·294	0·293	0·298	0·299	0·305	0·308	0·312	0·309	0·304	0·290	0·279	0·269	0·270	0·272	0·282	0·287	0.294	0·298	0·301	0·301	0·307	0·295
Mar.	9·779	9·777	9·775	9·767	9·766	9·767	9·774	9·778	9·784	9·788	9·790	9·786	9·783	9·777	9·773	9·763	9·764	9·763	9·763	9·770	9·774	9·775	9·778	9·778	9·780	9·775
Apr.	0·041	0·037	0·034	0·029	0·030	0·025	0·030	0·032	0·036	0·035	0·033	0·029	0·026	0·021	0·020	0·009	0·007	0·005	0·007	0·009	0·020	0·023	0·024	0·021	0·022	0·024
May	9·796	9·792	9·791	9·785	9·782	9·780	9·784	9·784	9·784	9·781	9·779	9·774	9·772	9·770	9·772	9·769	9·769	9·770	9·778	9·784	9·793	9·805	9·810	9·812	9·813	9·785
June	0·072	0·069	0·065	0·061	0·061	0·062	0·066	0·064	0·064	9·057	0·051	0·045	0·043	0·037	0·034	0·029	0·025	0·022	0·025	0·029	0·038	0·046	0·054	0·056	0·060	0·048
July	9·872	9·869	9·867	9·861	9·862	9·863	9·869	9·872	9·874	9·875	9·874	9·872	9·874	9·872	9·871	9·866	9·866	9·867	9·870	9·873	9·877	9·884	9·888	9·887	9·884	9·872
Aug.	·682	·674	·668	·661	·655	·652	·655	·658	·663	·662	·662	·659	·650	·657	·653	·654	·651	·647	·647	·647	·651	·654	·654	·650	·647	·656
Sept.	·782	·780	·779	·773	·772	·768	·773	·777	·781	·782	·783	·778	·779	·776	·775	·771	·773	·772	·779	·784	·793	·798	·800	·809	·800	·781
Oct.	·546	·550	·554	·553	·558	·559	·566	·571	·583	·584	·588	·588	·585	·579	·577	·573	·572	·574	·583	·582	·584	·581	·580	·579	·588	·575
Nov.	·775	·770	·765	·760	·755	·752	·755	·754	·760	·759	·760	·757	·745	·737	·729	·723	·724	·725	·731	·734	·733	·736	·737	·737	·736	·745
Dec.	·663	·658	·662	·658	·653	·651	·660	·665	·676	·683	·694	·696	·690	·681	·675	·666	·670	·665	·668	·667	·663	·663	·665	·662	·664	·669
Year	9·859	9·855	9·853	9·848	9·846	9·844	9·848	9·851	9·855	9·856	9·858	9·855	9·852	9·846	9·843	9·837	9·837	9·837	9·842	9·845	9·851	9·854	9·853	9·855	9·857	9·849

TEMPERATURE—BEN NEVIS.

Jan.	23·0	23·0	22·9	23·0	23·0	22·9	23·2	23·2	23·5	23·5	23·7	23·5	23·5	23·8	23·6	23·3	23·2	22·8	22·9	22·8	23·1	23·3	23·4	23·2	23·1	23·2
Feb.	30·6	30·5	30·6	30·3	30·3	30·0	29·8	29·7	29·8	29·8	30·0	30·6	31·2	31·4	31·4	31·8	31·9	31·0	30·6	30·7	30·5	30·5	30·9	31·1	30·8	30·6
Mar.	19·5	19·3	19·2	19·2	19·3	19·3	19·3	19·1	19·7	20·1	20·4	20·9	21·3	21·6	21·7	21·4	20·7	20·1	19·6	19·8	19·6	19·4	19·6	19·4	19·1	20·0
Apr.	22·9	22·7	22·7	22·6	22·5	22·4	22·7	23·1	23·4	24·1	24·7	25·3	25·7	26·1	26·2	26·1	25·9	25·2	24·9	24·1	24·1	23·9	23·8	23·6	23·3	24·1
May	28·5	28·3	28·0	27·8	27·9	28·1	28·2	28·6	29·1	29·7	30·4	31·3	31·7	31·9	32·2	32·4	32·1	31·6	31·3	30·8	30·0	29·6	29·2	28·9	28·7	29·9
June	41·1	40·9	41·2	41·1	41·2	41·5	41·8	42·2	42·6	43·3	43·8	44·2	44·7	45·2	45·5	45·4	45·6	45·1	44·8	44·0	43·1	42·7	42·1	41·6	41·2	43·1
July	39·6	39·6	39·2	39·2	39·3	39·4	39·4	36·6	40·2	40·6	41·2	41·6	42·0	42·3	42·6	43·0	42·5	42·3	41·8	41·2	40·7	40·4	40·1	39·8	39·7	40·7
Aug.	38·3	38·2	38·2	37·9	37·7	37·7	37·7	37·7	38·0	38·5	39·3	39·7	40·1	40·5	40·5	40·8	40·5	40·4	40·1	39·8	39·4	39·1	38·6	38·4	38·2	39·0
Sept.	38·5	38·2	38·1	37·8	37·3	37·2	37·3	37·3	37·7	38·1	38·9	39·5	39·9	40·1	40·3	40·4	40·3	40·1	39·7	39·4	39·3	38·7	38·5	38·4	38·3	38·8
Oct.	31·1	31·2	31·2	31·0	30·8	30·7	30·8	30·7	31·0	31·4	31·8	32·0	32·1	32·4	32·4	32·4	32·1	31·6	31·6	31·3	31·5	31·4	31·4	31·5	31·3	31·5
Nov.	28·0	27·9	27·8	27·8	27·8	27·6	27·4	27·1	27·1	27·6	28·0	28·3	28·5	28·6	28·6	28·3	28·2	28·1	28·1	28·1	28·2	28·1	27·8	27·8	27·7	28·0
Dec.	26·4	26·4	26·3	26·4	26·5	26·6	26·4	26·3	26·2	26·2	26·2	26·4	26·3	26·3	26·5	26·5	26·5	26·5	26·6	26·3	26·3	26·3	26·7	26·3	26·3	26·4
Year	30·6	30·5	30·4	30·3	30·3	30·3	30·3	30·4	30·7	31·1	31·5	31·9	32·2	32·5	32·6	32·6	32·5	32·1	31·7	31·5	31·3	31·1	31·0	30·8	30·6	31·3

TEMPERATURE—FORT-WILLIAM.

Jan.	38·6	38·8	38·8	38·8	38·8	38·6	38·8	38·7	38·8	39·1	39·0	39·4	39·7	40·2	40·2	39·9	39·5	39·5	39·2	39·0	38·7	38·7	38·6	38·6	38·7	39·1
Feb.	42·5	42·3	42·1	42·0	41·6	41·7	41·7	41·7	41·7	41·9	42·4	43·2	43·9	44·8	45·5	45·7	45·8	45·2	44·4	43·9	43·6	43·2	42·8	42·6	42·7	43·2
Mar.	36·0	35·7	35·3	35·1	34·8	34·8	34·5	34·4	35·0	36·6	37·8	39·0	40·2	40·8	40·9	41·3	41·4	40·7	39·4	38·2	37·4	37·1	36·5	35·9	35·6	37·4
Apr.	39·3	39·3	38·3	38·0	37·6	37·4	37·5	38·9	40·7	42·8	44·4	45·3	46·5	47·4	47·7	48·0	47·6	47·3	46·5	44·9	43·2	42·0	41·3	40·4	39·6	42·6
May	44·4	43·8	43·2	42·9	42·9	43·0	43·7	45·4	46·7	48·5	49·5	51·0	51·9	53·0	53·6	53·9	54·0	53·5	52·3	51·0	49·1	47·5	46·5	45·7	44·7	48·2
June	53·5	52·4	51·8	51·3	50·9	51·4	52·6	54·3	55·8	57·7	59·2	60·6	61·2	62·1	62·8	63·5	63·3	62·9	62·1	61·2	59·4	57·5	55·9	54·6	53·5	57·4
July	54·0	53·7	53·4	53·2	53·0	53·1	53·5	54·6	55·6	57·0	57·9	58·7	59·3	59·8	60·4	61·0	60·5	60·0	58·9	58·7	57·1	56·1	55·2	54·7	54·1	56·7
Aug.	53·5	53·2	53·0	52·5	52·2	52·3	52·6	53·4	54·3	55·8	56·6	57·5	58·1	58·8	58·6	59·1	59·0	58·5	57·7	56·5	55·5	54·8	54·4	54·0	53·5	55·5
Sept.	53·0	52·8	52·5	52·6	52·3	52·1	51·7	52·0	52·7	53·4	54·4	55·5	56·1	56·9	57·2	57·3	57·1	56·6	55·6	54·6	54·1	53·6	53·0	52·7	52·8	54·1
Oct.	46·3	46·1	45·4	45·1	45·0	45·3	45·2	45·4	45·3	45·7	46·8	48·4	49·0	49·8	50·2	50·6	50·0	48·9	47·5	47·1	46·6	46·7	46·3	46·3	45·9	47·0
Nov.	41·0	40·8	40·7	40·5	40·6	40·6	40·4	40·5	40·3	40·7	41·2	42·0	42·6	43·0	43·1	42·9	42·4	42·1	41·5	41·5	41·6	41·5	41·4	41·4	41·1	41·4
Dec.	40·9	40·8	40·4	40·4	40·5	40·5	40·3	40·5	40·5	40·6	40·5	40·8	41·2	42·0	42·0	42·1	41·8	41·5	41·0	40·9	40·9	40·9	41·0	40·9	40·8	41·0
Year	45·2	45·0	44·6	44·4	44·2	44·2	44·4	45·0	45·6	46·6	47·5	48·4	49·1	49·8	50·2	50·4	50·2	49·7	48·8	48·1	47·3	46·6	46·1	45·6	45·2	47·0

Monthly and Annual Mean Values at Ben Nevis Observatory, 4407 feet, and at Fort-William Observatory, 42 feet above Sea Level. 1891.

WIND FORCE—BEN NEVIS.

	Mid-night.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
Jan.	2·40	2·42	2·74	2·85	2·81	2·63	2·50	2·66	2·65	2·50	2·22	2·29	2·24	2·23	2·21	2·23	2·35	1·92	2·00	1·95	2·15	2·32	2·13	2·29	2·31	2·36
Feb.	2·91	2·79	3·02	2·77	2·84	2·59	2·50	2·48	2·70	2·50	2·54	2·55	2·71	2·34	2·57	2·80	2·82	2·50	2·32	2·48	2·61	2·89	2·82	2·64	2·96	2·66
Mar.	2·66	2·50	2·77	2·56	2·69	2·73	2·66	2·58	2·89	2·77	2·65	2·71	2·60	2·50	2·24	2·18	2·21	2·27	2·37	2·56	2·42	2·56	2·55	2·56	2·65	2·55
Apr.	3·25	3·02	2·92	3·07	2·95	2·90	3·02	2·82	2·97	2·83	2·88	2·83	2·60	2·78	2·53	2·70	2·80	2·55	2·73	2·78	2·97	3·13	3·25	3·17	3·25	2·90
May	2·21	2·10	2·23	2·40	2·27	2·37	2·21	2·35	2·34	2·21	2·34	2·37	2·32	2·13	1·98	1·87	1·84	2·10	2·03	2·18	2·05	2·00	2·00	2·18	2·27	2·17
June	2·82	3·00	3·03	2·82	2·60	2·47	2·40	2·20	2·32	2·28	2·20	2·28	2·12	2·27	2·15	2·03	2·07	2·10	2·12	2·15	2·15	2·15	2·32	2·53	2·75	2·36
July	1·95	1·85	2·08	2·08	1·95	1·87	2·06	1·63	1·55	1·40	1·60	1·45	1·35	1·19	1·16	1·47	1·37	1·34	1·21	1·23	1·69	1·79	2·02	1·97	1·90	1·63
Aug.	2·02	1·82	2·00	1·68	1·94	2·23	2·18	2·23	2·11	2·13	1·92	1·74	1·89	1·84	1·65	1·53	1·61	1·82	1·89	1·77	1·58	1·53	1·71	1·97	2·00	1·87
Sept.	2·43	2·32	2·38	2·55	2·52	2·28	2·38	2·30	2·43	2·45	2·45	2·33	2·22	2·07	2·17	2·42	2·25	2·22	2·17	2·02	2·30	2·48	2·40	2·43	2·45	2·33
Oct.	3·35	3·19	3·05	2·69	2·74	2·95	2·52	2·56	2·82	2·62	2·65	2·63	2·71	2·62	2·81	3·02	3·10	3·05	2·81	3·08	3·35	3·61	3·66	3·60	3·42	2·97
Nov.	2·57	2·65	2·85	2·75	2·73	2·73	2·73	2·82	2·65	2·77	2·85	2·82	2·72	2·48	2·32	2·38	2·32	2·47	2·38	2·27	2·40	2·62	2·53	2·37	2·55	2·59
Dec.	2·89	2·98	2·89	3·03	2·97	2·53	2·40	2·40	2·52	2·55	2·47	2·61	2·85	2·71	2·84	2·76	2·95	3·00	2·71	2·69	2·81	2·90	2·95	2·81	2·82	2·76
Year	2·62	2·55	2·66	2·60	2·58	2·52	2·46	2·42	2·50	2·42	2·40	2·38	2·36	2·26	2·24	2·28	2·31	2·28	2·23	2·26	2·37	2·50	2·53	2·54	2·61	2·43

WIND DIRECTIONS—BEN NEVIS.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
N	134	59	317	119	196	112	252	166	69	58	97	87	1666
NE	96	11	130	61	99	45	63	34	34	11	13	28	625
E	13	4	48	191	108	173	60	53	5	69	68	6	798
SE	46	27	46	150	154	129	65	83	71	159	159	60	1149
S	74	125	31	24	57	53	38	68	111	167	106	114	968
SW	182	229	30	59	30	44	103	126	156	128	133	233	1453
W	92	149	51	31	21	80	54	113	172	74	66	133	1036
NW	86	64	63	16	32	44	42	52	88	25	42	64	618
Calm or Var.	21	4	28	69	47	40	67	49	14	53	36	19	447

HOURS OF SUNSHINE—BEN NEVIS.

	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	Total.	Percentage of Possible.
January	–	–	–	–	–	0·34	1·89	1·70	1·77	2·92	2·93	1·89	0·71	–	–	–	–	–	14·15	6
February	–	–	–	–	2·38	6·44	10·20	10·16	10·61	9·85	10·51	10·77	9·38	6·03	0·20	–	–	–	86·53	33
March	–	–	–	0·96	7·71	8·78	9·58	10·71	10·83	9·14	9·00	7·70	8·74	6·83	2·62	–	–	–	92·60	25
April	–	–	3·80	6·99	8·48	10·32	8·36	9·70	11·25	11·26	9·85	9·14	6·56	5·55	6·12	1·80	–	–	109·18	26
May	–	2·34	4·40	6·53	8·37	7·56	6·29	8·05	8·79	7·87	7·30	6·52	7·19	5·46	8·37	6·76	2·30	–	104·10	20
June	2·32	9·60	12·90	13·91	13·82	13·80	13·63	13·89	14·31	12·18	12·88	13·62	16·40	13·77	12·24	13·26	8·90	0·40	211·83	40
July	0·16	2·08	3·36	4·08	5·51	6·63	6·39	6·49	6·78	6·49	6·81	7·66	5·65	4·12	3·38	4·26	3·09	0·63	83·57	16
August	–	–	–	0·49	1·09	2·85	3·11	4·12	4·25	5·97	5·19	5·11	3·89	3·95	2·92	0·88	0·27	–	44·09	9
September	–	–	–	1·51	2·95	4·62	5·31	5·15	5·41	4·19	4·21	4·27	4·02	2·92	1·85	–	–	–	46·41	12
October	–	–	–	–	2·42	3·95	6·65	7·71	8·97	7·72	8·27	9·31	5·57	0·28	–	–	–	–	60·85	19
November	–	–	–	–	0·81	3·70	5·00	4·26	4·01	4·27	3·36	3·00	2·26	–	–	–	–	–	30·67	13
December	–	–	–	–	–	0·34	2·50	5·43	4·31	4·17	3·80	3·10	–	–	–	–	–	–	23·65	11
Year	2·48	14·02	24·46	34·47	53·54	69·33	78·91	87·37	91·29	86·03	84·11	82·09	70·37	48·91	37·70	26·96	14·56	1·03	907·63	20

HOURS OF SUNSHINE—FORT-WILLIAM.

January	–	–	–	–	–	–	–	1·93	6·53	7·11	5·73	3·00	0·03	–	–	–	–	–	24·33	16
February	–	–	–	–	–	0·32	4·90	8·44	9·33	9·58	9·88	8·53	4·32	0·79	–	–	–	–	56·09	28
March	–	–	–	0·01	1·64	10·49	11·86	13·34	14·74	15·87	13·09	14·37	14·28	10·32	2·17	–	–	–	122·18	40
April	–	–	0·48	8·31	11·99	13·68	14·74	16·02	17·69	15·13	16·28	14·50	12·20	8·33	8·50	1·15	–	–	159·00	44
May	–	0·32	6·67	11·59	13·93	13·20	13·65	15·75	16·03	15·01	15·76	14·84	14·39	14·37	11·21	6·10	0·06	–	182·88	41
June	–	6·74	14·78	16·82	16·85	17·04	17·51	15·58	16·02	16·54	16·43	17·18	17·62	16·04	15·29	12·93	4·26	–	237·63	51
July	–	0·02	1·65	3·96	6·72	8·74	10·06	9·92	9·11	9·95	11·73	12·91	8·98	7·51	6·24	7·50	1·19	–	116·19	25
August	–	–	0·13	3·27	4·97	6·88	6·92	9·18	8·24	8·03	8·94	10·12	8·94	8·44	6·72	1·47	–	–	92·25	23
September	–	–	–	0·30	4·08	5·93	8·08	10·78	8·46	9·27	9·42	8·22	7·44	5·27	1·25	–	–	–	78·50	25
October	–	–	–	–	–	3·67	11·50	14·97	17·20	14·79	14·99	13·15	7·18	1·00	–	–	–	–	98·45	39
November	–	–	–	–	–	–	0·69	4·52	6·60	6·26	4·03	2·81	0·55	–	–	–	–	–	25·46	15
December	–	–	–	–	–	–	–	0·04	3·14	3·11	2·46	0·71	–	–	–	–	–	–	9·46	8
Year	–	7·08	23·71	44·26	60·18	79·95	99·91	120·47	133·09	130·65	128·74	120·34	95·93	72·07	51·38	29·15	5·51	–	1202·42	33

BEN NEVIS OBSERVATORY.—LOG-BOOK, 1891.

Jan. 2.—Thick but dry fog till 17^h, after which it sank down and gradually disappeared, but the night was too dark to see if any still lay among the hills. Thermometer box shifted at 19^h 15^m. Height above snow not altered.

Jan. 3.—Faint lunar halo seen at 2^h. Haze and detached masses of fog among the hills round till 8^h, fog blowing over the hill top at 9^h and 10^h, and continuous fog the rest of the day.

Jan. 4.—Top clear and sky cloudless at 2^h and 3^h but heavy masses of cum.-fog on hills round. Thermometer box shifted at 2^h 20^m. Height above snow not altered.

Jan. 5.—Thermometer box shifted at 13^h 15^m. Height above snow not altered. An aurora, single arch, no streamers, rather faint, seen at midnight.

Jan. 6.—Sky clear till 7^h, but after that overcast with high cumulus till 13^h, fog till 22^h, and after that clear again. Barra Head light was seen at 5^h. Haze and fog below in the valleys all morning and air saturated. Halo seen at 6^h. Star-shaped crystals of snow about $\frac{1}{10}$ inch diameter were falling at 14^h and at 16^h.

Jan. 7—Thermometer box shifted at 13^h 20^m. Height above snow not altered. Detached masses of fog hanging about the hills round all day and often covering Ben Nevis also.

Jan. 9.—Thermometer box shifted at 3^h 15^m. Height above snow not altered. A glory and fog-bow were seen at 10^h. Fog gathered in the valleys early in the day and gradually rose higher, reaching the summit by 17^h, but the sky was seen through it all night.

Jan. 10.—Thermometer box shifted at 10^h 15^m. Height above snow not altered. Top clear from 9^h to 19^h, but fog on the hills around to 4000 feet till 13^h, and cum.-fog on hills to W. after that.

Jan. 11.—Rain fell all day. Up to 17^h the temperature was below freezing, and everything got covered with hard ice about an inch thick

Jan. 13.—Hard, icy fog-crystals forming in early morning. Mist or fog till 18^h, a hail shower between 18^h and 19^h, and cloudy sky with fog hanging about after that. Barometer pumping at night. Thermometer box shifted at 19^h 20^m. Height above snow not altered.

Jan. 16.—Top clear occasionally but air never dry. No fog apparently below. Thermometer box shifted at 12^h 10^m. Height above snow not altered.

Jan. 17.—Thermometer box shifted at 3^h 15^m. Height above snow not altered. An aurora was seen till 6^h, single arch rather faint, no streamers. Top clear and sky cloudless; but fog over the hills round to about 4000 feet all morning, which rose and covered Ben Nevis also in the afternoon. Lunar corona seen at 17^h.

Jan. 21.—This morning it was noticed that the snow extended to sea level. Top was clear for a few hours in forenoon, but fog was hanging about the hills round. A solar corona was seen at 10^h. No raingauge was out from 16^h to 22^h as the drift would have vitiated its readings. Thermometer box shifted at 9^h 25^m. Height above snow not altered.

Jan. 22.—Considerable drift in forenoon. No raingauge out from 7^h to midnight. Top clear in afternoon, but sky partly covered with cumulus and cirrus. Lunar halo seen from 18^h to 22^h. No fog in the valleys below. At 12^h 10^m the thermometer box was put one stage higher on stand, and at 17^h 15^m it was shifted.

Jan. 27.—Thermometer box shifted at 3^h 33^m. Height above snow not altered. Considerable surface drift all day.

Jan. 28.—St Elmo's Fire was heard at 15^h, being identified by the usual hissing noise. The observer, who had the metallic holder of a pencil in his mouth, felt faint electrical shocks. Heavy snow was falling at the time.

Jan. 29.—Thermometer box shifted at 5^h 30^m. Height above snow not altered. Top clear, but sky overcast from 4^h to 8^h. Lunar halo at 5^h.

Jan. 31.—A severe gale from the south-east sprang up in early morning, reaching the strength of 11 at 7^h. The observation at 7^h was 10^m late owing to observer's lamp being blown out several times. At 10^h the gale moderated, and at noon the wind had shifted to the S.W. with heavy snow.

Feb. 1.—Thermometer box shifted at 5^h 30^m. Height above snow not altered then, but box put one stage higher on ladder at 17^h 25^m. Lunar corona at 7^h.

Feb. 3.—Thermometer box put one stage down on ladder stand at 17^h 10^m. The zodiacal light was seen at 19^h. Fog till 17^h, then cloudless.

Feb. 4.—Cloudless till 4^h, when mist came on. This continued till 14^h, when the fog sunk below the hill-top, but still covered all the surrounding hills.

Feb. 7.—Drizzling rain fell at times, though the temperature was below freezing point.

Feb. 8.—Thermometer box shifted at 6^h 25^m. Height above snow not altered.

Feb. 9.—Fog on hills to 4000 feet, occasionally rising and blowing over Ben Nevis. Sky clear except for a little cirro-cumulus and stratus.

Feb. 11.—The sky cleared for a short time about 20^h, showing an aurora to the N.N.W., three arches, no streamers. A faint lunar corona was visible at the same time.

Feb. 12.—The aurora observed last night continued visible till 3^h. A solar corona was seen at 13^h.

Feb. 13.—Summit clear till 11^h. Fog with showers of snow till 3 p.m., and mist and drizzling rain, but

temperature below 32° for the rest of the day. Air very dry at 7^h and 8^h, humidity being 39 and 41 per cent. respectively. Aurora seen in early morning. Thermometer box shifted at 6^h 20^m. Height above snow not altered.

Feb. 14.—Temperature below 32°, but mist and drizzle forming ice on all surfaces all day.

Feb. 15.—Mist till 8^h, with drizzle at times. Top clear for the rest of the day except for a few hours at night, when fog prevailed. Fog or detached cumulus on hills and haze in valleys. Motionless brown pieces of cir.-s. (rare) seen to N.E. at 15^h. Thermometer box shifted at 9^h 15^m. Height not altered.

Feb. 17.—Fog till 9^h, a little cirrus on sky at 10^h, but clear and cloudless till 22^h, with fog all round below to 4000 feet, rising at times to level of summit and blowing over it, and after 22^h enveloping it continuously. During the afternoon this fog was pouring down into the northern corry all along from first gorge to Cairn Dearg. Rapid rise of temperature in forenoon. At 9^h it was 27°·8, and at noon 40°·4. A set of temperature readings was made by Sling Thermometer. (1) on top, in fog, and in clear air; (2) on way down to M'Lean's Steep and on way back; and (3) on top of tower. The readings were highest on top of tower and lowest in the fog. At times the top was covered in fog, when the top of tower was quite clear of it. The readings at the thermometer box varied very much during the evening, being high and rising when the top was clear, but low and falling when the fog was on or passing. Lunar coronæ were seen at times on passing fog at 21^h and 22^h.

Feb. 18.—Mist covered the summit till 9^h, but after that hour it sank below level of top, and left the sky entirely cloudless during the rest of the day. The mist sank to about 3000 feet, and, in the afternoon, began to break up till at 19^h it was all gone, and only left haze in the valleys to about 2000 feet. Dark brown colour under sun all afternoon. At 14^h 10^m the thermometer box was placed one step higher on ladder stand.

Feb. 19.—Except for two small cumulus clouds that were to be seen to W. about 4000 feet above sea-level, at 15^h there was not a speck of cloud above or below Ben Nevis all day, but thick haze was all around below to 3000 feet in the early morning, and to 4000 feet at night. Brown colour around the sun to-day, strongest between sun and horizon.

Feb. 20.—Air warm and dry all day. Thick haze below all around. Some cirrus in sky from 5^h till 18^h, but cloudless during the rest of the day.

Feb. 21.—Cloudless, but thick haze all around below till 9^h, fog till 18^h. Top clear, but sky overcast for the rest of the day. Fog crystals, slightly brown, forming in afternoon. A lunar halo was seen at 20^h-22^h. A hare was seen on summit at midnight.

Feb. 22.—Overcast sky till 7^h, mist till 16^h, and over cast again till midnight. At 1^h the haze was thinning all around and rising, being then up to the clouds apparently; there was no definite top to it as on the previous days.

Feb. 23.—Top clear and air dry all day. Haze all round reaching up to the clouds, and in afternoon showing peculiar bands and streaks to S. of a green colour, having well defined, cleanly cut upper surfaces, but no well marked lower surface. To-day there appeared to be a constant downward motion of the clouds, the high cirrus at one hour being a middle cirrus at the next hour, and a *lower* cloud an hour afterwards. The thermometer box was lowered one step at 18^h.

Feb. 24.—Thick haze below all round. At 1^h the clouds were lowering and thickening quickly. At 2^h they were touching all the hills around, and at 3^h nothing could be seen for cloud but the summit. The lower surface of cloud seemed to be of the same shape as Ben, but kept a little clear of it. The lowest of these strata of clouds at 14^h was (rare) str.-cir., and motionless, while the middle layer moved from S.W., and the top one from W.N.W.

Feb. 25.—No lower clouds, but varying amounts of upper clouds on sky. In early morning there were some (rare) str.-cir., and at 3^h patches of cum.-cir. that appeared to be motionless as regards position, but showed an internal drift of particles. Thick haze all around.

Feb. 26.—Sky cloudy with upper clouds only till 17^h, cloudless thereafter. Thick haze all round below. The zodiacal light was seen at 20^h, and a faint aurora at midnight. Haze was very thick at midnight, dark blue to N., milky to S., while there was a wonderful mistiness all around and above, and very faint flashes of light were seen to N. above and in haze. Remarkable and very beautiful colours were observed before sunrise in the eastern sky.

Feb. 27.—Very thick haze all day—so thick at 2^h that nothing could be seen but the hill top. All day the haze was white on the side of the observer next the sun, and dark blue on the opposite side. Sky cloudless till after 22^h, but a little fog was passing at 20^h. Except at 20^h the air was dry throughout. After 22^h clouds formed rapidly almost close over summit in thin sheets of stratus, which showed a long fibry, streaky texture. These sheets of clouds moved quickly, but to the S.E. Over the Moor of Rannoch there was a thick heavy cloud that was quite motionless.

Feb. 28.—Thick fog till 5^h, clear but cloudy till 9^h, and fog or mist thereafter. Heavy snow showers and some drift from 11^h till 15^h, and very heavy rain at 16^h, 17^h and 18^h; the total for these three hours alone being 1·102 inch. Owing to drift the amount of fall at 12^h was lost, the rim of gauge being flush with surface of snow. Brown fog crystals forming in morning, and an icy covering on everything in afternoon.

March 2.—St Elmo's Fire seen at 21^h on observer's pencil, on anemometers, on the tower, and on the chimney.

March 3.—St Elmo's Fire was seen at 2^h.

March 4.—Heavy drift at and after 17^h, making measurements of amount of snow very doubtful. Drizzle and rain falling in forenoon, and hail at 16^h. This hail was of three sizes:—1st, small glassy hail quite round and transparent; 2nd, larger hail—conical snow-hail with an icy glaze on outside; 3rd, still larger hail showing the middle to be the usual dry snow-hail (conical), but having the outer surface covered all over with small round glassy particles like the 1st kind.

March 5.—Note book blown away at 3^h. St Elmo's Fire seen at 21^h, bright and strong. Snow falling heavily

at the time: a mixture of soft flaky snow, and dry hard snow-hail.

March 6.—Thermometer box shifted at 14^h 10^m. Box put one step higher on ladder stand.

March 7.—Top cleared at 6^h, and remained clear for the rest of the day, except for a little fog at 15^h. Air mostly dry after 6^h and very dry at times, the computed dew point at 10^h being — 19°·4, and the humidity 20 per cent. At 14^h there were two layers of cirrus, the lower from S.W., the upper from W. Solar halo and mock sun seen at 17^h. Zodiacal light very bright at 20^h and 21^h. Aurora seen at 23^h and midnight; pretty bright at latter hour. Thermometer box shifted at 7^h 10^m. Height above snow not altered.

March 8.—Very cold all day. Thin scud at 6^h; cloudy from noon till 17^h; cloudless during the rest of the day, but air saturated or nearly so. Fog on lower hills most of the day, and some passing summit at times. Aurora seen at 1^h, and zodiacal light at 20^h.

March 9.—Air dry most of day; extremely so from 8^h till noon. The mean dew point to-day is — 2°·6. Aurora seen at and after 21^h; pretty brightly at 22^h and midnight. At 22^h 20^m the highest point of aurora was about 9° above horizon. Air exceedingly clear to S. and S.W. in evening. Two dark objects seen on horizon (through telescope) between Jura and Cantyre, which were supposed to be in Ireland.

March 10.—The aurora continued visible till 3^h, and it was again seen faintly at 21^h. A spirit thermometer was put out on wool on top of old box (about level with surface) last night, and to-day the index stood at 0·1. Some fine snow crystals falling to-day, and at 7^h some of these were falling from a cloudless sky.

March 11.—Sky overhead cloudless all day except for a little scud at 9^h. Fog on the hills in forenoon, none in afternoon, but a ring of small cumulus was all round in distance, low near horizon. Aurora seen faintly at 2^h. Zodiacal light seen at 21^h and 22^h. Minimum on cotton wool, 1·9.

March 12.—Fog on hills to E. in forenoon. Small cumulus all round in afternoon at about level of summit. Trace of aurora at 2^h. Bright aurora at and after 20^h. Following are notes taken of it:—

21^h. Aurora, bright. No streamers. Two arches.

22^h. Aurora, bright. Short streamers (15° above horizon?).

23^h. Aurora. Bright double arch extending from W. to N.E. No streamers. Height above horizon of highest part 23°.

23^h 30^m. Broke up into activity. Innumerable bright streamers. (Green line in spectroscope.)

23^h 45^m. Began to flash. Flashes moving from N. towards zenith.

Midnight. Aurora, bright and scattered over all northern sky up to zenith. Zodiacal light seen at 20^h. Minimum on cotton wool, — 0·1.

March 13.—The aurora continued visible till 4^h. The following are the notes taken of it:—

1^h. Aurora flashing N. and S. Could hear feeble fizzing on holding up pencil when standing near edge of cliff when the flashes were about their brightest, and coming almost close overhead. Str. streaks forming and vanishing to N.W. and W.

2^h. Aurora not so bright, but still flashing.

3^h. Aurora faint and low behind stratus clouds.

4^h. Aurora almost gone, only a faint trace at northern horizon.

(Several times during the night some low, but bright short auroral streamers appeared as if they were the nearest to Ben, and that the greater part of aurora could be seen over their tops.)

Sky cloudless almost all day, and air dry till after 22^h. Thick haze below all round. Minimum on cotton wool, — 1·4.

March 14.—Thick haze below all round. At 16^h this haze rose higher than Ben. It had no level top. Fog on eastern hills in forenoon, and passing over summit at times. A solar halo was seen at 9^h. Minimum on wool, 9°·2.

March 15.—At 3^h to-day the wind rose to a gale, and blew hard all day. From 7^h till noon the wind force was over 10, at times 11–12. The raingauge could not be worked, and till 21^h it could not be determined, owing to the drift, whether snow was falling or not.

March. 17.—Thermometer box shifted at 23^h 15^m. Height not altered.

March 18.—Summit clear except at 21^h and 22^h. Sky cloudless from 2^h till 5^h, but cloudy with high cirrus during the rest of the day. Haze all round below, and detached cum.-fog on lower hills most of the day. Solar halo seen at 15^h, and lunar halos at 20^h and midnight. Between 14^h and 15^h a long band of cloud was seen forming over Glen Nevis, forming rapidly at its under surface and vanishing as rapidly above; it was coloured red below and blue above. Hard thin sheets of str.-cir. (rare) on sky at 16^h.

March 19.—Top clear till 18^h; fog thereafter. Sky somewhat cloudy with high clouds that (in afternoon) appeared to be continually falling, thickening, and then vanishing, and a higher stratum forming above. Some of the cir.-c. near the sun at 15^h was variously coloured. Lunar halo and "mock moon" seen at 3^h.

March 28.—Small needle-shaped snow crystals falling at 14^h. Thermometer box shifted at 1^h 20^m. Height above snow not altered.

March 29.—Thermometer box shifted after 7^h. Height not altered.

March 30.—Top clear all afternoon. An aurora was seen at 21^h and 22^h, one arch, bright, no streamers. Thermometer box shifted at 13^h. Height not altered.

March 31.—Sky nearly cloudless most of the day. An aurora was seen at 4^h, flashing faintly. Another was seen at 21^h, 22^h, and 23^h; following are notes:—

At 21^h. Aurora bright, top half way to Pole star.

At 22^h. Aurora not seen so well with passing fog, but in clear intervals streamers were seen, also flashes. A measurement of top of aurora (badly defined) gave about 29° altitude.

At 23^h. Aurora still bright when seen.

At 23^h 7^m. Clear, aurora very high, several broken arches and bright flashes rising to Pole star, long streamer to N.E.

At 23^h 12^m. Aurora broken up into very bright streamers and flashes reaching to near zenith. When flashes were brightest and rising highest, observer fancied he heard a rustling noise. In the after-

noon ragged cum. clouds passing the sun had their edges variously and brightly coloured.

April 1.—Top clear at times throughout the day. Haze all round, which at 16^h became very thick, visibility only extending across Glen Nevis. Brown fog crystals forming at 20^h. At 14^h showers of snow were seen passing overhead gleaming in sunshine, but none falling on Ben.

April 2.—E. or E.S.E. gale all day. Thick drift, no measurements of snow owing to gale and drift. Brown fog crystals forming all day.

April 3.—Gale still continuing; at and after 21^h it was blowing force 11—12. Tower storm box put out at 19^h 45^m, but readings continued to be made in the usual box on ladder stand. Brown fog crystals forming all day, not so brown as yesterday. At 23^h and midnight it was blowing too hard for the fog crystals to stand, and the top of tower and chimney was blown clear of them.

April 4.—Gale still continuing, mean force for to-day being 10·0. Very heavy squalls between 23^h and midnight. At 15^h the fog crystals on tower were 30 inches long; in the early morning there had been none, the gale blowing them off as they were forming. Some snow fell in afternoon, but no measurements could be got owing to drift.

April 5.—Gale all day, but not so strong as yesterday, mean force for to-day being 9·4. Fog crystals forming rapidly all day.

April 6.—The gale continued till 9^h to-day, and thereafter gradually fell. At 15^h the fog crystals on ladder stand No. 1 were measured, and found to be 100 inches long.

April 7.—Fog or overcast all forenoon. Cloudy till 21^h, cloudless thereafter. At and after 22^h a faint aurora was seen, low to N. Haze in distance in afternoon.

April 8.—Top clear all day except at 2^h, and sky cloudless most of the day. Air very dry at and after 22^h. Detached fog on hills to N., N.E., and E. in forenoon. Solar corona seen on loose cum. to S.W. at 14^h, also clouds variously coloured; colours mixed. Aurora seen at and after 21^h. At 22^h it was pretty bright and showed some streamers. A measurement by Stephanome gave 19° 51′ as height above horizon of highest point at 22^h. At 20^h peculiar bands were seen in the sunset colours in western sky—very like, as regards position relative to colours and intensity, the atmospheric absorption bands in the spectrum on both sides of the yellow.

April 9.—Some cir.-s. on sky at and after 6^h, on which, from 7^h till 18^h, a solar halo was visible. This halo was very bright at 17^h, and at times there were traces of a second large halo, concentric with the 22° one. At 18^h the 22° halo was also very bright, with a faint mock sun visible, but no traces of an outer bow. Last night's aurora continued visible till 3^h to-day. At times it was pretty bright, and showed short bright streamers. Level-topped haze all round to-day. Very thick to N.W. and N., owing to a great deal of heather burning in that direction. At 4^h, and again at 20^h, the bands in sky noted at 20^h yesterday were seen to-day. They were also seen at 21^h. Faint glimmer in northern sky at 22^h and 23^h, probably auroral.

April 10.—Spectrum colours and bands seen at 4^h; not so strong as at 20^h last night. Fog gradually spread over the lower hills in early morning, and at and after 10^h covered Ben Nevis also. Brown fog crystals forming to-day.

April 11.—Summit clear from 11^h till 19^h, fog during the rest of the day. The fog crystals were brown all forenoon. While the top was clear the dust in the air was deposited on the fog crystals, tipping them all jet black. At 22^h the formation of crystals was again going on, but they were then white in colour, the black part showing as a line across the complete crystal. Very thick haze all round all the time the top was clear.

April 12.—Summit clear most of forenoon; fog in afternoon. At 3^h a faint aurora was seen. At 5^h and 6^h glories were seen on hill top.

April 13.—Fog all day except at 17^h and 20^h. Beautiful snow crystals falling in afternoon; not in any measurable quantity, only a few now and again; are perfect hexagons, some in stars and some in glassy disc shapes. Most had small motes of dry snow attached to them, and these motes were *always on one side only*, not on both sides. These motes arrayed themselves symmetrically on the spines of the stars, and along the principal axes of the discs. Very thick haze seen all round when top was clear.

April 14.—Very thick haze all round below. Lunar coronas seen at night; sometimes green at centre.

April 16.—Fog or overcast sky till 20^h, clearing thereafter. Aurora seen at 22^h and 23^h. Thermometer box shifted at 23^h 15^m. Height above snow not altered. Ascending currents in northern corry at night, forming scud overhead, on which, at midnight, a lunar corona, yellow at centre, was seen.

April 17.—Haze bands and wavy lines in eastern sky at 4^h. Almost cloudless all forenoon. Some cumulus in afternoon, and cloudless again after 20^h. Fog below to N., E., and S.E. all forenoon. Very clear all round in afternoon. Aurora seen at and after 22^h. The moonlight made it rather faint in appearance, but it gave a strong line in spectroscope.

April 18.—Top clear all day. Cloudless till 10^h, but fog on hills to N. and E. Cumulus on sky, and no fog below till 17^h. Cumulo-cirrus, a middle stratum of clouds, on sky at night. Aurora seen at 1^h, 2^h, and a trace at 3^h, and again at 22^h; but this was doubtful owing to the moonlight. Pink after-glow seen at 20^h.

April 19.—Cloudless or almost so all forenoon, cloudy in afternoon. Fog on hills to N. and E. in forenoon, none in afternoon. Ascending fog in Glen Nevis at 10^h. After-glow seen at 20^h.

April 20.—Sky cloudless till 6^h. Cloudy or overcast for the rest of the day, chiefly with heavy cum.-s. shower clouds. A cum.-s. shower cloud was seen at 4^h over the Monadh-lea hills, the only cloud to be seen. In the afternoon showers were seen all round, and at times fell on Ben Nevis also. One of these began at 14^h, and lasted till 14^h 45^m. The snow that fell was snow-hail, white and conical, and during the time it lasted there was a strong display of St Elmo's Fire. The observer, who was out all this time, experienced a continuous and strong electrical discharge from his hands, stick, hair and hat, while the shower lasted. A loud hissing noise was heard all the time.

April 21.—Sky somewhat cloudy, and fog passing at intervals all day. Shower clouds all round in afternoon, and slight showers of snow falling on summit; chiefly snow-hail. Haze bands in sky at 4^h.

April 22.—Fog on hills and passing summit at times most of the day. A lunar corona was seen at midnight. Shower clouds all around in afternoon.

April 23.—Cloudless till 10^h; increasing amounts of cum. till 16^h, and almost overcast during rest of day. Lunar coronæ seen at 22^h, 23^h, and midnight. At 2^h peculiar greenish hazy appearance in all south-western sky, from about 45° altitude to horizon, and from S.S.W. to W. about moon. Same noted at 3^h, and also that there was more green colour in north-eastern sky (sunrise colours) than usual. Foreglow seen at 4^h 15^m.

April 24.—Lunar corona seen at 3^h. Fog touching top occasionally, and overcast sky all day, but no fog in valleys.

April 25.—Thick haze below in valleys all day up to, or a little over, the level of hill top. Sky cloudless to horizon at night.

April 26.—Sky cloudy and occasional fog on hill top, but no fog in valleys, and air free from haze.

April 28.—Thermometer box shifted at 19^h 20^m. Height above snow not altered.

May 4.—Thermometer box shifted at 3^h 15^m. Height above snow not altered. Fog hanging about the hill, but occasionally rising above, forming clouds and leaving air clear till 20^h, when it cleared away and left sky cloudless. Aurora seen at 23^h and midnight. Brightest at 23^h. One sharp-cut arch with dark space below, and apparently the top of a second arch just showing above horizon. Highest part of lower edge of upper arch about 7° above horizon.

May 5.—Thick haze all day, and cum. and thin fog blowing over the hill top occasionally. Sky in forenoon about half covered with cirrus and cirro-stratus, on which at 8^h a halo with two mock suns was seen. At 12^h halo was again seen. Three measurements of radius to inside of halo gave,—22° 26′; 22° 39′; 22° 20′.

May 7.—Top clear from 12^h to 18^h. Detached fog floating about, but no low fog in valleys. Sky partly covered with cumulus and cum.-cirrus. Dry and wet bulbs shifted at 14^h 10^m. Box and minimum not shifted. This afternoon the snow at the First Gorge was measured, and was found to be overhanging the cliff 189 inches.

May 10.—Air clear in forenoon, but haze round horizon in afternoon. No fog in valleys but patches of cumulus at horizon, though sky overhead was almost cloudless all day. Light to N.N.W., probably auroral at midnight, but the whole northern sky was too bright to be sure of it.

May 11.—Fog lay in the valleys to N. till 9^h and there was haze at horizon all day. A solar halo was seen most of the day.

May 12.—The sun rose at 4^h 4^m. Before rising, at about 4^h 2^m, a sun pillar rising vertically upwards was seen with a bright patch, or mock sun in it. A solar halo was seen at intervals during the day.

May 13.—Thermometer box shifted one stage down on ladder stand at 0^h 5^m.

May 16.—Thermometer box shifted at 14^h 25^m. Height above snow not altered.

May 17.—Top clear from 11^h to 17^h, but sky mostly cloudy and showers passing. Air very clear to S.W. at 15^h. Jura, Islay, Oronsay all seen clearly. To-day the black bulb maximum went up to 155°·3, probably during a break in the clouds about noon. Heavy squalls from N. and N.E. at night. For the last few days the records of the raingauges have been very doubtful owing to drift. The old snow on the hill top is hard and icy, but what has fallen since the last thaw is dry and powdery, and blows about freely.

May 18.—Thermometer box shifted at 8^h 10^m. Height above snow not altered.

May 20.—A shower of soft hail—like St Elmo hail—came on at 18^h and lasted about half an hour, giving a fall, melted, of 0·118 inch.

May 25.—Masses of cum.-fog blowing about the hills all day, but very clear views occasionally between them.

May 30.—Thermometer box shifted at 14^h 8^m. Put one stage higher on ladder stand.

June 1.—At 0^h 5^m thermometer box put one stage lower on ladder stand; same instruments left out. Fog hanging about the hills and blowing over Ben Nevis also at times till 11^h. Haze at horizon all afternoon and night. A solar halo was seen at 13^h, and a mock sun at 19^h.

June 2.—Horizon hazy all day. Thin dry fog blowing over the hill top occasionally. Fog in valleys to N.E. in morning.

June 3.—Air hazy and fog among the hills to northward all day.

June 4.—Thermometer box put one stage down on ladder stand at 0^h 8^m. Air hazy and fog on hills to northward all day. Detached fog among the hills to E. and S. in evening, and fog blowing over Ben Nevis also at midnight.

June 6.—Fog over hills to northward at 3000 feet and in detached portions among other hills at same height till 8^h, after which it disappeared, but the air was rather hazy all day.

June 7.—At 3^h the foreglow was seen. Fog lay on the hills to N. and E. at about 3000 feet all morning till 6^h. From 7^h to noon fog was all round and passing, but after that it was clear till 20^h; for the rest of the night fog.

June 9.—Haze or light fog in valleys till noon, and fog among hills to N. at night. Solar halo seen at 17^h. At 20^h the Skye hills were seen rising above a dense belt of fog.

June 10—Sun rose at 3^h 25^m over fog which covered all the hills except to S.W. all morning at about 4000 feet. The foreglow was seen at 3^h. The fog gradually broke up about noon. Air rather hazy all day; the fog gathered on the hills to northward again at night.

June 11.—Sun rose at 3^h 15^m. Ben shadow very distinct after sunrise. Low fog, not above 2000 feet, lay among the hills to N.E. till 7^h, and detached layers to S.W. till noon. At 9^h the air was very clear to N.,—the town of Inverness being visible. Haze in the valleys all day, and fog among the hills to N. at night. The afterglow was seen at 22^h.

June 12.—Sun rose at 3^h 18^m above fog which lay over the hills to N. at about 3000 feet till 6^h, after which there was only detached fog in the valleys till evening, when fog gathered over the Atlantic. At 23^h and midnight, fog

was passing over Ben Nevis. For the last three days there has been a good deal of slight haze.

June 19.—Mist or fog till 15^h, after which it sank down, leaving sky clear except for a little cirrus moving from W.S.W. The fog covered the hills round till 21^h, but after that broke up and dissipated, but haze and streaks of fog lay among the hills, especially to N., all night.

June 20.—Air hazy all day—thickest towards evening. Low streaks of fog in valleys and over water, including upper Lochiel, till 7^h. In early morning the haze was distinctly low down, not rising above 4000 feet, but during the day and at night it extended far above the height of Ben Nevis.

June 21.—The fore-glow was seen at 3^h. The sun was not seen till 3^h 35^m owing to the thick haze which filled the air to a considerable height above the level of Ben Nevis all day.

June 22.—Sun first seen at 3^h 15^m. At 3^h the fore-glow was seen. Fog in valleys to N.E. from 5^h to 7^h. No fog below during the rest of the day, but haze at horizon.

June 23.—Sun rose at 3^h 15^m. Fog lay in the valleys to northward as far as Loch Lochy till 9^h, but after that dispersed. Air rather hazy all day. The after-glow was seen at 22^h. Fog gathered again in valleys to N. at night.

June 27.—Fog most of the day, but when clear, masses of cum.-fog and haze seen on hills round. Solar halo seen at 18^h. Three measurements of radius gave—21° 22′, 22° 2′, and 21° 53′; mean 21° 46′.

July 1st.—Top clear in afternoon; no fog in valleys, but sky cloudy. Some cirrus seen moving from S. Haze to W. and S.W. in evening. Solar halo seen at 18^h.

July 2.—Misty or cloudy sky, and mist hanging about hills round all day. Thunder was heard at 13^h 45^m, at 15^h 30^m, and at 16^h 55^m. Heavy showers of rain all afternoon and at night. A rainbow was seen at 18^h. At 21^h St Elmo's Fire—nothing could be seen as it was daylight, but post A and the anemometers were hissing loudly—could be heard 20 yards off, and a tingling sensation was felt in observer's face when turned upwards.

July 8.—Thin wet mist till 21^h. Summit clear afterwards, but other hills all covered, and high cum.-s. on sky. At midnight the northern sky was pretty free from cloud, and the spectrum colours were very distinct and pure. The air over the fog was very clear.

July 9.—Fog on hills below 3000 feet most of the day and in the evening blowing over summit also. Cirri forms on sky, on which from 9^h till 13^h a solar halo was visible. At 5^h fog was observed pouring down on the W. and S.W. sides of Aonach More. At 23^h pearly cirrus was seen in the northern sky for the first time this summer. At 23^h 5^m the highest point of the pearly cirrus was 5° 18′ and the lowest 3° 14′ above the horizon. Photographs were taken of the phenomenon and several measurements made of certain bright streaks in the cloud. At midnight the cloud extended along the northern horizon from N.W. to N.E.

July 10.—A photograph was taken of the pearly cirrus which was partly obscured by cum.-cir. or cir.-s. clouds at 0^h 35^m. These dark clouds gradually increased, and at 1^h covered the whole northern sky so that no pearly cirrus was seen thereafter. Pearly cirrus was not seen at night though the sky was clear. Fog all round below, rising in the afternoon to level of summit and occasionally passing over it. A rainbow was seen at 7^h and a glory at 20^h.

July 11.—Fog all round to level of summit till 8^h. After this it rose and enveloped the hill top for the rest of the day, changing to mist at 18^h, from which at and after 20^h drizzling rain fell.

July 13.—The summit cleared after 10^h, and remained clear, except for a little fog passing at times for the rest of the day. Broken fog on hills till 21^h, none thereafter. Pearly cirrus seen to N. at midnight, stretching from N.W. to N.E., its highest point being then 14° 16′ above horizon, and its lowest limit 7° 8′ above same. A light of dazzling brightness was seen to S.W. by S., about on a level with Observatory at 10^m past midnight. It appeared to be stationary, was seen for about 30 seconds, then it vanished, and in a few seconds it was seen again as a faint red speck in the same place. This red speck lasted for a few seconds, when it vanished in an intensely white flash.

July 14.—The pearly cirrus continued visible till after 2^h. Two photographs were taken of it at 1^h 15^m to 1^h 26^m, and several measurements were made to compare with photographs. At 3^h it was not to be seen, but the N., N.E., and E. sky was full of faint, filmy dust streaks. Fog lay on the lower hills around most of the day, and at times passed over the summit also. Pearly cirrus was again seen to N. at 23^h. Its upper limit was then 17° above the horizon. At midnight there was only a trace of it in the sky.

July 15.—At 1^h a little pearly cirrus was seen to N. and N.E., but at 2^h none. Haze and broken fog below 3000 feet most of the day. At 15^h some cum. clouds close overhead were moving quickly from the E., while at the Observatory there were only very light variable airs. The air over 3000 feet was very clear to-day. Very fine sunset.

July 27.—Heavy rain fell between 0^h and 1^h, and at 1^h several flashes of lightning were seen.

July 31.—Summit clear all day. Air warm and very dry. Fog below from 3000 to 4000 feet all morning, breaking up about the middle of the day, but continuous again at night. Sky somewhat cloudy with cir.-c. types. Solar halo seen at 14^h.

Aug. 3.—Summit clear and air slightly dry till 16^h. Mist and saturation thereafter. Heavy shower of hail at noon, and heavy showers of rain, and at times, sleet all afternoon. Several peals of thunder heard between 17^h and 18^h; no lightning seen, but before each thunder peal the telegraph needle gave a sharp click.

Aug. 6.—Air dry till 14^h: very dry from 4^h till 6^h. Cloudy in forenoon, and fog below all round, which rose covering the top at 11^h with occasional breaks after. Solar halo seen at 8^h.

Aug. 16.—Summit clear almost continuously from 6^h to 22^h. No fog below when summit was clear.

Aug. 22.—Clear for the most part between 9^h and 17^h with fog passing at times. Between 1^h and 2^h some animal, probably a weasel, was heard behind partition in passage between kitchen and office.

Aug. 23.—Summit clear from 11^h to 22^h. A great

deal of cirrus visible. At 3^h the dry bulb rose rapidly on opening box, making correct reading difficult. Lunar corona seen at 1^h, 2^h, 3^h and 4^h. Weasel seen on summit at 5^h.

Aug. 24.—Dim lunar corona seen at 2^h.

Aug. 27.—Summit mostly clear from noon till 19^h with fog passing at times. Double glories seen between 11^h and 13^h. Rainbow seen at 19^h. The 4^h observation was not taken till 4^h 27^m. The barometer and anemometer were corrected for time. Two weasels were seen on the summit to-day.

Aug. 29.—Fog rising and falling at intervals all day. Showers of hail and snow between 5^h and 8^h. Hoar frost from 22^h till 8^h next day. Double glory seen at 10^h 54^m. Rainbow seen at 16^h. Splendid display of aurora between 22^h and midnight. The aurora at 22^h extended from W. by N. to N.E. by N., while the streamers ran upward to within 30° of zenith. No clouds in sky from 21^h to midnight.

Sept. 3.—Fog or mist till 10^h and after 20^h. Glories were seen at 10^h and a solar fog-bow at 12^h. Thin haze all round in distance in the afternoon.

Sept. 5.—A weasel was seen on office roof this morning.

Sept. 8.—Fog on hills to E. and N.E. and in valleys to S. till 7 a.m., but almost continuous mist on summit thereafter. Air very dry at 1^h and 2^h.

Sept. 10.—Summit cleared at 3^h; sky nearly covered with cirrus and cirro-stratus. Detached cumulus fog on hills and thick haze in valleys all round below till 15^h. Since then fog has come on with occasional breaks.

Sept. 11.—Mist till 4^h, and sky almost covered with cirro-cumulus and cirro-stratus the rest of the day. Fog hanging about hills to 3000 feet the greater part of the day and thick haze all round below. Faint halo was seen at 14^h.

Sept. 12.—Sky almost cloudless. Detached fog in valleys to W. and N. and thick haze all round. An aurora with faint streamer was seen at 4^h.

Sept. 15.—A large weasel caught in trap at 18^h 20^m.

Sept. 19.—Mist and drizzle till 23^h, since then summit clear, but sky overcast with cir.-stratus and detached fog in valleys. Lunar corona seen at 23^h and a lunar halo at midnight.

Sept. 20.—Summit clear, but sky overcast with cirrus and cir.-stratus till 14^h. Mist since. Detached fog in valleys. A lunar halo seen till 4^h and a solar halo at 11^h. Four measurements of radius to inside of lunar halo gave—23° 9′, 23° 10′, 23° 14′, 23° 11′.

Sept. 22.—Sky partly covered with cirrus and cir.-cumulus till 17^h; cloudless since, but fog on hills below all day.

Sept. 23.—Sky cloudless till noon, but fog blowing over the hill top at times. Continuous fog since. Lunar corona seen at 4^h.

Sept. 25.—Summit clear from 13^h till 17^h, but sky overcast with cirro-stratus, and fog passing over Ben Nevis at times. Solar halo at 16^h.

Sept. 26.—Summit clear from 2^h till 5^h, and sky almost cloudless, but thick cumulus fog all round.

Sept. 28.—Very heavy rain at times. A fall of over 7° in temperature from 20^h to 21^h.

Oct. 5.—Strong S.E. gale all afternoon. At 22^h and 23^h the anemometer registered 103 and 109 miles respectively for the hours previous.

Oct. 6.—The S.E. wind continued till 12^h, but gradually fell in force. It backed to S. in the afternoon. Top clear at and after 18^h. At 19^h brilliant flashes of lightning were observed in the distance to W. and S.W. In some of the flashes the distant clouds were seen as dark sharply defined masses against an intensely bright sky, from S.W. to N.W. Showers of hail fell in the evening.

Oct. 9.—At 17^h St Elmo's Fire was heard, and at 22^h it was seen on the tower and chimneys.

Oct. 13.—Severe S.E. and E.S.E. gale from 16^h till 22^h. At 19^h and 20^h it blew almost a hurricane. Except for lifting some of the snow boarding from the roof, which was easily replaced, there was no damage done. Heavy rain, sleet, and hail fell at and after 22^h, but the rain-gauge could not be changed till 23^h, when the gale moderated to a squally S. and S.W. wind. St Elmo's Fire was seen at 18^h 30^m during the S.E. gale.

Oct. 16.—Summit clear till 3^h, but sky cloudy. At 2^h a lunar corona was seen.

Oct. 18.—A lunar corona was seen at 5^h.

Oct. 20.—Strong S.E. wind all afternoon, blowing a gale at and after 19^h. St Elmo's Fire was seen at 23^h. Brown fog crystals forming during the day.

Oct. 22.—Summit clear at times to-day, but heavy clouds all round, below and above. A glory and fog-bow were seen at 11^h 30^m.

Oct. 23.—Summit clear most of the time up to 15^h, fog thereafter. In the early morning the sky was almost cloudless, but there was some fog and haze below, and before the fog came on in the evening there were heavy cumulus clouds all round.

Oct. 24.—Showers of snow in the forenoon. Fog till 17^h. Summit clear and sky cloudless thereafter. Aurora seen at night. At 20^h there were bright streamers 20° long, but no arch. At 21^h only a faint glimmer low in northern sky. At 22^h two arches—the lower faint, the upper bright; no streamers. Approximate altitude of top of upper 18°. 23^h bright single arch from W.N.W. to N.E.

Altitude (per Stephanome) of top of arch 13° 43′.
,, ,, base ,, 7° 36′.

At midnight aurora in patches and streamers, ill-defined owing to moonlight.

Oct. 25.—Sky cloudless all day, except for a little cumulus in afternoon. In the morning there was some fog low down over the lochs. Aurora seen at 1^h, 3^h, 4^h, and at 23^h:—in the morning very faintly; like filmy grey clouds in the moonlight. At 23^h there was no arch, but some streamers were pretty bright.

Oct. 26.—Summit clear most of the day: variable amounts of cir. or cir.-s. on sky. A lunar halo was seen at 4^h and 5^h. Faint aurora low to N. at midnight.

Oct. 27.—Thin fog on summit at times throughout the day, but sky mostly cloudless. Haze and broken fog all around below all day. Fog crystals forming at midnight. Lunar coronæ seen in early morning, and auroras at 1^h and 20^h.

Oct. 28.—Summit clear (except for a little fog at 6^h and 7^h), and sky cloudless all day. Lunar coronæ seen at 6^h and 7^h, and bright glories at 8^h and 9^h. Some haze all round below, and in the forenoon some broken fog

also. Aurora seen at 3^h, and at 19^h to midnight—mostly very faint and low near horizon.

Oct. 29.—Summit clear except at 20^h and 21^h. Some cirrus on sky, and in forenoon some fog in the valleys, which dispersed by mid-day, giving place to thick haze. Air very dry till noon, gettiug damper in afternoon and saturated or nearly so at and after 20^h. Faint aurora seen at 1^h, 2^h, and 3^h.

Oct. 30.—Summit clear almost all day. Thick haze and broken fog below most of the day. Glory seen at 7^h 40^m.

Oct. 31.—Summit clear till 21^h, thin mist coming on thereafter. Cirrus on sky from 10^h onwards—cloudless previously. Thick haze below all day. Decided rise in temperature when the mist came on.

Nov. 1.—Thin mist or overcast till noon. Cloudless and air dry thereafter. Broken fog below all day, but the haze observed yesterday below was all gone to-day. Bright glory and fog-bow seen at 11^h 15^m.

Nov. 2.—Cloudless all day and fog below—upper surface ranging from 3000 to 4000 feet above sea level. Air very dry all afternoon. The zodiacal light was seen at 5^h and an aurora faintly at 21^h.

Nov. 3.—Cloudless and very fine and warm all day. The aurora was seen at 1^h and 2^h very faintly, and at 22^h, 23^h and midnight faintly also, but showing short streamers at 21^h. Continuous fog over all the country all day, only the tops of the higher hills showing through. Glories were seen on this fog in the forenoon. The zodiacal light was seen at 3^h.

Nov. 4.—The layer of fog below gradually rose during the early morning at 8^h, and during the rest of the day the summit was enveloped in it, except at 21^h and 22^h when it cleared for a little. From 3^h till 7^h the temperature was falling quickly and the humidity rising. At 1^h, 3^h, 4^h, and 22^h a faint aurora was seen low to N. The zodiacal light was seen at 5^h.

Nov. 14.—Fog all day, except at 8^h, 9^h, and 20^h. At 20^h the sky was almost covered with cirro-stratus on which a lunar halo was seen, and detached pieces of hard cir.-s. were observed near the horizon all around, also cum.-fog on the lower hills.

Nov. 15.—Fog crystals forming in early morning. The fog to-day was mostly thin, being the top of a fog-layer, which could be seen at times all round the Ben. Owing to the fog the beginning of the lunar eclipse was not well observed.

Nov. 16.—The summit cleared at 2^h, showing a cloudless sky above. The lower hills were also clear but there was some haze in the valleys. A little scud passed the top occasionally. Fog came on again at 6^h and enveloped the top for the rest of the day. The end of the lunar eclipse was well observed. The moon was clear of the shadow at 2^h 33^m. The thermometer box was shifted at 3^h 25^m.

Nov. 17.—At midnight the summit cleared, except for a little fog passing at times. Some detached fog lay below to S.E., N. and E., and the sky was nearly covered with cir.-s. stripes which radiated from E.S.E. and W.N.W.

Nov. 18.—Sky overcast with cir.-s. till 5^h on which a lunar halo was seen at 2^h, 3^h, and 4^h, fog or mist during the rest of the day. This cir.-s. was becoming denser each hour and gradually falling to a lower level. The thermometer box was shifted at 1^h 20^m. A reading taken at 1^h 33^m gave Dry 28·7, Wet 25·8.

Nov. 20.—St Elmo's Fire was seen at 8^h. Wind very variable—N.E. till 6^h and chiefly N. thereafter.

Nov. 21.—Top cleared at 5^h and continued clear till 9^h when fog came on again. When the top was clear there was fog all round below. The thermometer box was shifted at 5^h 10^m. Height above snow not altered.

Nov. 22.—Summit clear from 6^h till 21^h. A little cirrus on sky in forenoon, and cum.-s. (8 to 10) in afternoon. The atmosphere was exceedingly clear during the time the summit was free of fog. A shower of drizzling snow fell at 3^h. The snow consisted of tiny needle-shaped crystals. Detached fog below in some of the valleys most of the day.

Nov. 24.—Summit clear and sky cloudless from 4^h till 15^h, but fog lay in the valleys.

Nov. 26.—Thermometer box shifted at 19^h 20^m. Put one stage higher on stand. Aurora seen from 19^h to midnight. Rather faint and low down.

Nov. 27.—Sky clear all morning; detached fog in valleys, which after noon rose and covered Ben Nevis also.

Dec. 2.—Thermometer box shifted at 8^h 15^m. Height above snow not altered.

Dec. 3.—During the time the temperature was above 32° to-day the stormy wind drove the loose icy surface in drift, rendering the raingauges useless.

Dec. 4.—The temperature fell early this morning, but it continued mist, not fog, and hard ice formed on everything. Thermometer box shifted at 10^h 10^m, the hinges being damaged.

Dec. 7.—Thermometer box shifted at 3^h 25^m. Height not altered. Thin fog till 6^h. Sky overcast with cir.-s. and cir.-c. but air very clear till 17^h; cloudless after that. Patches of cum.-fog above hill tops round in afternoon, and fog on hills to N. and E. after sunset. Solar halo seen at 13^h and double lunar corona at 18^h. Aurora all night after 18^h, brightest at 21^h, when there were streamers reaching to 60° altitude. Sky very green to N.W. at 14^h and 15^h. Sunset colours bright.

Dec. 8.—At 11^h 30^m a solar halo and two mock suns were seen. No measurements taken.

Dec. 9.—Rain and hail were falling at 20^h and 21^h, but no gauge was out owing to the heavy drift. At midnight St Elmo's Fire seen, most distinctly marked on beard and hat of observer.

Dec. 10.—Thermometer box shifted at 13^h 20^m. Height above snow not altered. Very heavy squalls just before the rapid rise of the barometer at night.

Dec. 12.—Solar halo seen at 10^h 20^m and at 11^h.

Dec. 14.—After 16^h top clear except for passing thin fog, but fog lying on hills round, and sky partly clouded. Lunar corona seen at 20^h and 21^h. Thermometer box shifted at 17^h 15^m. Height above snow not altered.

Dec. 15.—Sky clear, but fog and scud blowing over till 8^h. Lunar corona on this scud. Heavy rain, sleet, and hail after 20^h.

Dec. 16.—Snow and hail fell heavily till 4^h. Top cleared after 9^h. Very fine all afternoon, and air very dry. Patches of fog among hills in afternoon, and

str.-fog on hill tops to N. and E. at night. Sun set at 15^h 50^m just behind eastmost hill of Mull. Earth shadow and Ben shadow distinct just before and after sunset. After-glow with streamers at 16^h 15^m. Thermometer box shifted at 10^h 15^m. Height above snow not altered. The snow at first gorge to-day was found to be projecting 214 inches.

Dec. 17.—Fog lay on hill tops to E. in early morning, and gathered again on them after sunrise. Haze in valleys all forenoon. Cum.-fog on hills to S.W. after noon, which after 15^h spread over Ben Nevis also.

Dec. 19.—Owing to a leak in one of the raingauges, some of the rainfall entries between 20^h on the 18th, and 4^h on the 19th, are doubtful.

Dec. 20.—Very thick fog all afternoon, but at 20^h the stars began to be visible, and for the rest of the night the sky was cloudless, but fog lay over the hills round, thickest to S.E., and blew over Ben Nevis also occasionally. Lunar corona seen on this fog frequently. Thermometer box shifted at 22^h 24^m. Height above snow not altered.

Dec. 21.—Sky cloudless all day, but fog on hills at about 4000 feet till 6^h. At 2^h it was blowing over the top, and the temperature fell 6°. Sun rose at 8^h 47^m. Upper glow before sunrise and after sunset, also Earth shadow and Ben shadow. Some haze in the valleys in the middle of the day, but air clear above it over the hill tops. Green flash seen as the sun sank behind the eastmost hill of Mull. Aurora, single arch, seen from 21^h till 1^h on 22nd. At 16^h the wet bulb was dry, and the entry on daily sheet is interpolated, after that it was wetted between hours.

Dec. 22.—Aurora seen at 1^h, and at 20^h, 21^h, and 22^h. Sky cloudless all day. From 8^h onwards haze in the valleys, which rose just after 11^h, and covered the top as fog. Sun set at 15^h 47^m. Green flash seen faintly.

Dec. 25.—Fog most of the day, but at 10^h and 11^h it sank below the hill top, leaving sky cloudless. The air became dry; humidity about 60 per cent. at these hours.

Dec. 26.—St Elmo's Fire at 23^h, very blue in colour, seen on snow covering anemometers and on kitchen stove pipe; not felt by observer. Ordinary rather small grained snow falling at the time, not the usual conical soft hail.

Dec. 28.—Thermometer box shifted at 3^h 20^m. Height above snow not altered. At 21^h and 22^h the strong squalls and drift made it almost impossible to carry a lantern outside. The tower thermometer readings were therefore used at these hours, and a correction applied. Heavy rain, hail, and icy drift at 22^h, 23^h and midnight.

Dec. 28.—Strong earth current in telegraph cable at 3^h 54^m. Hard conical snow falling at 8^h.

Dec. 29—Strong earth current in telegraph cable at 3^h 54^m, and a weaker one at 7^h 20^m. Hard conical snow was falling at 8^h.

INSTRUMENTS ETC., 1891.

Barometers.—No. 1385 was in use during the whole year, No. 1252 being kept in reserve; the latter is supposed to have a trace of air in its vacuum.

The following Dry and Wet Bulb Thermometers were used: Nos. 535541, 535542, 192671, 192672, 192677, and up to March 4th, 192660. On March 4th the last mentioned was accidently broken.

Max. 117293, min. 116918 were in use in large screen from June 15th to Nov. 12th. Up to July 17th the large screen was the old one formerly in use; after that date a new screen fixed up close alongside of the old screen was used. Up to June 14th and after Nov. 12th mins. 138533 and 138545 were used in small screens on Ladder Stand No. 2.

On Dec. 7th the Tower Box was modified to suit a new thermometer. The tube extends inside, so that the temperature is read inside the top story of tower. It has been in occasional use.

The usual 5-inch raingauges, rain or snow pattern according to circumstances, have been used.

The Campbell-Stokes Sunshine Recorder has been in use throughout the year. The Sunshine is now entered to Mean Local Time, instead of as formerly (up to 31st Dec. 1890) to Mean Greenwich Time.

Black Bulb in vacuo max. No. 186 was in use when possible, but was sent to Adie and Wedderburn for repairs on Nov. 14th, the outer jacket being cracked, and has been returned to the Low Level Observatory, where it is being tested. Black Bulb No. 484108 common thermometer in vacuo was also in use for hourly readings in summer.

The Direction and Force of the Wind has been estimated, as usual, on the roof at the hourly observations, and the Robinson H.C. Anemometer has been in use when practicable. The Chrystal Direction Anemometer has not been used. The clock of the latter is used as standard G.M.T. clock in office.

The Rainband observations have been continued with a direct vision spectroscope. From Nov. 27th to Dec. 22nd the instrument was away being repaired.

Several photographs have been taken.

The Stephanome has been employed as usual for measuring glories, coronæ, etc.

The depth of snow was taken at post A as before.

The Barograph (Richard) has been in use all the year.

The Ozone tests have been discontinued, except as extra observations in special states of the weather, since November.

Except as regards the rainfall, the observations have not been interrupted during the year. On Dec. 9th at 20^h and on Dec. 28th at 21^h and 22^h the temperature readings were got from the tower screen by interpolation-correction.

The large Dust Counter in tower has been used throughout the year, three-hourly readings being taken for several months. The small one is at the Low Level Observatory.

The Telegraph Instrument has worked well throughout the year. Since April 5th the Low Level observations have been included in the daily reports sent to newspapers.

The Staff of the Observatory consists of R. T. Omond, A. Rankin, J. Miller, and up to January 10th G. Nisbet. From January 27th to Sept. 23rd G. Day, and since Sept. 29th G. Robertson. Mr C. E. Gray acted as telegraphist and observer, and Messrs R. C. Mossman, P. F. Gillies, C. Stewart, H. F. Rankin, A. Drysdale, and T. Dunlay relieved various members of the staff.

BAROMETER. Reduced to 32°. 4407 feet above Sea Level. First figure omitted. JANUARY 1892.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	4·993	5·027	5·047	5·085	5·091	5·118	5·145	5·181	5·218	5·256	5·291	5·303	5·313	5·335	5·362	5·375	5·388	5·403	5·410	5·421	5·408	5·414	5·396	5·393	5·266
2	5·368	5·362	5·349	5·342	5·320	5·318	5·298	5·291	5·271	5·275	5·267	5·266	5·230	5·182	5·175	5·166	5·169	5·159	5·130	5·106	5·115	5·088	5·086	5·096	5·226
3	5·094	5·119	5·135	5·146	5·167	5·174	5·184	5·194	5·221	5·239	5·241	5·233	5·232	5·242	5·246	5·255	5·247	5·236	5·238	5·254	5·268	5·299	5·293	5·309	5·219
4	5·301	5·303	5·326	5·329	5·333	5·343	5·350	5·371	5·388	5·399	5·418	5·409	5·404	5·400	5·383	5·368	5·367	5·346	5·351	5·331	5·306	5·275	5·241	5·197	5·343
5	5·127	5·099	5·089	5·051	5·003	4·979	4·948	4·920	4·924	4·908	4·906	4·886	4·855	4·848	4·821	4·810	4·795	4·785	4·775	4·741	4·711	4·688	4·680	4·648	4·875
6	4·619	4·632	4·624	4·626	4·602	4·603	4·596	4·595	4·586	4·603	4·634	4·647	4·657	4·692	4·708	4·715	4·721	4·727	4·747	4·762	4·761	4·761	4·768	4·769	4·673
7	4·759	4·751	4·736	4·730	4·710	4·692	4·673	4·642	4·604	4·549	**4·527**	4·540	4·570	4·595	4·610	4·628	4·637	4·671	4·712	4·740	4·727	4·728	4·741	4·733	4·667
8	4·724	4·715	4·710	4·703	4·706	4·700	4·704	4·692	4·689	4·715	4·725	4·747	4·749	4·773	4·808	4·815	4·843	4·856	4·871	4·917	4·926	4·940	4·941	4·949	4·788
9	4·952	4·945	4·941	4·962	4·949	4·910	4·938	4·934	4·938	4·944	4·929	4·930	4·921	4·923	4·916	4·909	4·906	4·900	4·878	4·911	4·970	4·920	4·939	4·914	4·930
10	4·949	4·996	5·015	4·991	5·037	5·066	5·106	5·152	5·175	5·197	5·248	5·271	5·281	5·304	5·318	5·328	5·316	5·351	5·377	5·403	5·423	5·424	5·434	5·435	5·233
11	5·426	5·432	5·439	5·432	5·415	5·411	5·401	5·398	5·388	5·377	5·365	5·352	5·333	5·322	5·311	5·294	5·273	5·271	5·265	5·265	5·258	5·248	5·231	5·219	5·339
12	5·217	5·206	5·206	5·198	5·185	5·199	5·203	5·215	5·229	5·241	5·246	5·250	5·244	5·242	5·240	5·246	5·240	5·234	5·235	5·236	5·226	5·222	5·210	5·196	5·224
13	5·179	5·177	5·154	5·119	5·093	5·053	5·041	5·030	5·011	4·976	4·952	4·907	4·879	4·876	4·843	4·827	4·811	4·822	4·812	4·796	4·787	4·779	4·764	4·765	4·936
14	4·750	4·743	4·733	4·741	4·736	4·733	4·730	4·739	4·746	4·747	4·743	4·737	4·722	4·713	4·706	4·671	4·655	4·682	4·709	4·748	4·761	4·783	4·794	4·805	4·734
15	4·816	4·830	4·847	4·837	4·827	4·827	4·831	4·835	4·835	4·831	4·829	4·810	4·791	4·804	4·806	4·805	4·803	4·797	4·788	4·789	4·784	4·790	4·784	4·776	4·811
16	4·788	4·774	4·779	4·776	4·766	4·756	4·749	4·753	4·757	4·756	4·759	4·764	4·765	4·773	4·789	4·808	4·815	4·820	4·844	4·852	4·874	4·863	4·852	4·856	4·795
17	4·860	4·851	4·866	4·884	4·887	4·913	4·935	4·993	4·980	4·969	4·950	4·941	4·951	4·961	4·950	4·977	4·995	5·003	5·005	5·022	5·024	5·037	5·030	5·005	4·958
18	5·000	5·004	5·054	5·066	5·086	5·085	5·108	5·107	5·109	5·118	5·130	5·133	5·118	5·104	5·116	5·131	5·147	5·154	5·164	5·178	5·174	5·168	5·170	5·168	5·116
19	5·174	5·177	5·182	5·179	5·183	5·199	5·207	5·224	5·238	5·247	5·256	5·262	5·270	5·274	5·289	5·296	5·294	5·292	5·294	5·293	5·282	5·266	5·266	5·244	5·245
20	5·234	5·228	5·214	5·206	5·199	5·199	5·203	5·211	5·219	5·221	5·230	5·237	5·245	5·248	5·260	5·268	5·279	5·281	5·293	5·298	5·297	5·295	5·275	5·268	5·246
21	5·261	5·246	5·243	5·191	5·176	5·149	5·112	5·089	5·064	5·015	4·990	4·971	4·902	4·867	4·832	4·822	4·825	4·829	4·874	4·916	4·920	4·934	4·948	4·959	5·006
22	4·970	4·986	4·992	4·995	4·998	4·998	4·999	5·007	5·019	5·018	5·020	5·022	5·022	5·021	5·029	5·045	5·060	5·066	5·086	5·103	5·108	5·128	5·141	5·152	5·041
23	5·165	5·180	5·184	5·193	5·187	5·168	5·162	5·164	5·154	5·139	5·144	5·117	5·096	5·075	5·056	5·012	4·989	4·999	4·995	5·039	5·046	5·053	5·061	5·093	5·103
24	5·092	5·109	5·126	5·141	5·148	5·159	5·172	5·207	5·214	5·241	5·277	5·296	5·319	5·345	5·342	5·350	5·374	5·379	5·390	5·401	5·408	5·425	5·428	5·447	5·283
25	5·452	5·465	5·499	5·506	5·522	5·532	5·558	5·578	5·605	5·620	5·632	5·640	5·641	5·659	5·672	5·672	5·670	5·660	**5·673**	5·672	5·671	5·656	5·617	5·610	5·603
26	5·598	5·572	5·562	5·546	5·548	5·545	5·533	5·514	5·529	5·536	5·534	5·533	5·526	5·512	5·504	5·507	5·505	5·480	5·469	5·418	5·402	5·387	5·350	5·329	5·497
27	5·297	5·263	5·240	5·208	5·162	5·124	5·102	5·067	5·070	5·043	5·031	5·006	5·005	5·005	4·987	5·001	5·018	5·042	5·065	5·081	5·113	5·126	5·144	5·171	5·099
28	5·187	5·209	5·212	5·235	5·249	5·260	5·264	5·251	5·292	5·138	5·140	5·143	5·148	5·159	5·172	5·186	5·195	5·175	5·181	5·143	5·154	5·139	5·131	5·119	5·183
29	5·089	5·091	5·109	5·100	5·124	5·130	5·122	5·150	5·172	5·195	5·219	5·252	5·263	5·259	5·262	5·267	5·271	5·257	5·234	5·236	5·215	5·210	5·192	5·173	5·191
30	5·137	5·139	5·136	5·134	5·146	5·154	5·150	5·151	5·166	5·179	5·182	5·194	5·182	5·180	5·156	5·179	5·166	5·176	5·181	5·195	5·210	5·195	5·197	5·221	5·171
31	5·230	5·229	5·254	5·257	5·267	5·276	5·298	5·309	5·324	5·335	5·331	5·325	5·300	5·280	5·238	5·214	5·166	5·092	5·048	4·981	4·932	4·872	4·862	4·812	5·176
Mean.	5·091	5·092	5·097	5·094	5·091	5·090	5·091	5·096	5·098	5·098	5·101	5·101	5·095	5·096	5·094	5·095	5·095	5·095	5·100	5·105	5·105	5·100	5·096	5·091	5·096

BAROMETER. Reduced to 32°. 4407 feet above Sea Level. First figure omitted. FEBRUARY 1892.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	4·747	4·671	4·635	4·534	4·553	4·465	4·405	4·349	4·299	4·281	4·231	4·249	4·257	4·276	4·276	4·274	4·323	4·305	4·321	4·322	4·321	4·333	4·330	4·335	4·379
2	4·338	4·335	4·332	4·304	4·295	4·288	4·284	4·276	4·269	4·242	4·223	4·187	4·154	**4·147**	4·186	4·225	4·298	4·341	4·388	4·434	4·464	4·489	4·515	4·549	4·315
3	4·573	4·592	4·597	4·606	4·619	4·638	4·661	4·681	4·720	4·758	4·778	4·803	4·825	4·859	4·881	4·907	4·919	4·927	4·952	4·980	4·985	4·989	4·995	4·996	4·802
4	4·993	4·981	4·972	4·957	4·928	4·907	4·862	4·826	4·784	4·730	4·642	4·612	4·616	4·639	4·647	4·656	4·685	4·698	4·701	4·691	4·700	4·680	4·678	4·667	4·760
5	4·653	4·620	4·639	4·652	4·653	4·660	4·665	4·689	4·721	4·761	4·780	4·796	4·802	4·835	4·829	4·833	4·846	4·846	4·871	4·879	4·869	4·886	4·897	4·901	4·774
6	4·922	4·913	4·933	4·956	4·983	4·995	5·003	5·010	5·020	5·031	5·044	5·049	5·049	5·068	5·073	5·078	5·090	5·108	5·118	5·136	5·139	5·152	5·166	5·177	5·051
7	5·178	5·161	5·158	5·148	5·139	5·123	5·101	5·072	5·066	5·065	5·057	5·028	5·006	4·970	4·951	4·940	4·943	4·964	4·975	4·995	5·007	5·022	5·029	5·028	5·047
8	5·032	5·034	5·024	5·016	5·018	5·034	5·057	5·095	5·153	5·190	5·231	5·270	5·304	5·328	5·354	5·375	5·403	5·433	5·457	5·485	5·485	5·498	5·512	5·523	5·263
9	5·529	5·533	5·521	5·528	5·542	5·543	5·556	5·557	5·557	5·596	5·610	5·610	5·611	5·617	5·621	5·614	5·597	5·605	5·598	5·602	5·601	5·599	5·602	5·610	5·582
10	5·612	5·605	5·601	5·609	5·603	5·602	5·606	5·619	5·624	5·629	5·639	5·648	5·648	5·643	5·649	5·656	5·664	5·668	5·676	5·695	5·704	5·711	5·721	5·724	5·648
11	5·716	5·710	5·707	5·697	5·701	5·711	5·712	5·725	5·743	5·757	5·771	5·761	5·765	5·759	5·760	5·763	5·760	5·758	5·768	5·756	5·771	5·775	5·768	5·772	5·745
12	5·773	5·770	5·778	5·772	5·769	5·769	5·775	5·789	5·799	5·805	5·811	5·815	5·818	5·811	5·804	5·813	5·815	5·828	5·840	5·856	5·873	5·887	5·877	5·891	5·814
13	**5·895**	5·890	5·889	5·888	5·879	5·881	5·884	5·888	5·884	5·886	5·892	5·892	5·884	5·873	5·860	5·846	5·844	5·832	5·819	5·800	5·782	5·750	5·730	5·690	5·848
14	5·668	5·635	5·602	5·568	5·529	5·502	5·463	5·430	5·396	5·361	5·323	5·290	5·254	5·217	5·185	5·163	5·146	5·128	5·120	5·112	5·106	5·098	5·089	5·065	5·310
15	5·081	5·090	5·092	5·105	5·105	5·104	5·115	5·139	5·146	5·150	5·164	5·167	5·178	5·172	5·187	5·196	5·201	5·204	5·210	5·217	5·231	5·224	5·241	5·262	5·166
16	5·254	5·264	5·272	5·263	5·268	5·263	5·260	5·264	5·268	5·266	5·259	5·251	5·253	5·228	5·213	5·185	5·184	5·167	5·143	5·111	5·073	5·040	5·000	4·960	5·196
17	4·925	4·880	4·836	4·802	4·786	4·769	4·753	4·739	4·734	4·731	4·720	4·714	4·702	4·677	4·670	4·652	4·637	4·631	4·638	4·645	4·645	4·659	4·654	4·667	4·719
18	4·681	4·686	4·689	4·691	4·688	4·697	4·697	4·702	4·695	4·709	4·709	4·711	4·709	4·717	4·719	4·726	4·733	4·747	4·749	4·761	4·766	4·777	4·784	4·783	4·722
19	4·779	4·779	4·776	4·769	4·772	4·769	4·769	4·768	4·768	4·785	4·802	4·809	4·819	4·822	4·840	4·841	4·848	4·854	4·866	4·877	4·875	4·884	4·890	4·896	4·819
20	4·887	4·886	4·892	4·900	4·900	4·891	4·897	4·900	4·905	4·912	4·925	4·931	4·932	4·936	4·938	4·946	4·952	4·956	4·966	4·976	4·953	4·949	4·969	4·955	4·927
21	4·938	4·935	4·884	4·882	4·901	4·858	4·867	4·886	4·904	4·908	4·917	4·863	4·792	4·788	4·799	4·843	4·854	4·884	4·896	4·904	4·911	4·918	4·924	4·934	4·883
22	4·925	4·931	4·934	4·934	4·932	4·937	4·933	4·931	4·935	4·933	4·941	4·947	4·948	4·950	4·948	4·949	4·954	4·965	4·978	4·981	4·985	4·980	5·003	5·017	4·953
23	5·028	5·028	5·029	5·032	5·030	5·041	5·027	5·016	5·042	5·052	5·078	5·071	5·059	5·081	5·083	5·080	5·083	5·081	5·080	5·079	5·092	5·106	5·098	5·096	5·062
24	5·109	5·108	5·104	5·121	5·135	5·121	5·143	5·150	5·152	5·154	5·170	5·175	5·188	5·200	5·188	5·191	5·201	5·199	5·201	5·203	5·214	5·213	5·219	5·219	5·170
25	5·218	5·223	5·220	5·229	5·230	5·230	5·238	5·250	5·264	5·272	5·282	5·289	5·294	5·298	5·297	5·302	5·305	5·312	5·316	5·327	5·331	5·335	5·343	5·347	5·281
26	5·354	5·350	5·349	5·356	5·360	5·369	5·380	5·398	5·411	5·427	5·437	5·448	5·451	5·459	5·467	5·469	5·474	5·484	5·487	5·500	5·516	5·523	5·525	5·536	5·439
27	5·539	5·537	5·540	5·535	5·533	5·535	5·536	5·539	5·541	5·545	5·547	5·547	5·546	5·538	5·531	5·529	5·525	5·524	5·522	5·522	5·514	5·505	5·500	5·491	5·530
28	5·478	5·469	5·454	5·452	5·442	5·433	5·434	5·422	5·436	5·433	5·437	5·432	5·424	5·422	5·411	5·408	5·403	5·396	5·386	5·398	5·397	5·395	5·399	5·401	5·423
29	5·399	5·395	5·390	5·392	5·395	5·398	5·399	5·408	5·415	5·418	5·428	5·429	5·430	5·428	5·427	5·420	5·433	5·435	5·445	5·451	5·454	5·458	5·455	5·455	5·423
Mean.	5·146	5·138	5·133	5·128	5·127	5·122	5·120	5·121	5·127	5·131	5·133	5·131	5·128	5·130	5·131	5·134	5·142	5·148	5·155	5·162	5·164	5·167	5·169	5·171	5·140

BAROMETER. REDUCED TO 32° AND SEA LEVEL. FIRST FIGURE OMITTED. JANUARY 1892.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	9·605	9·645	9·667	9·714	9·735	9·770	9·801	9·837	9·882	9·925	9·953	9·978	9·990	0·014	0·022	0·050	0·068	0·088	0·088	0·092	0·074	0·078	0·056	0·048	9·924
2	0·030	0·026	0·013	9·982	9·960	9·934	9·923	9·918	9·914	9·901	9·898	9·869	9·831	9·821	9·805	9·817	9·814	9·808	9·801	9·806	9·789	9·810	9·807	9·829	9·879
3	9·842	9·878	9·882	9·892	9·894	9·888	9·897	9·916	9·926	9·946	9·948	9·940	9·933	9·956	9·966	9·994	9·993	0·008	0·007	0·026	0·032	0·057	0·055	0·064	9·956
4	0·074	0·073	0·086	0·091	0·095	0·103	0·126	0·146	0·148	0·172	0·178	0·163	0·162	0·148	0·125	0·115	0·098	0·077	0·073	0·034	9·986	9·939	9·890	9·814	0·080
5	9·748	9·701	9·667	9·623	9·582	9·543	9·513	9·495	9·480	9·483	9·450	9·448	9·430	9·438	9·443	9·439	9·426	9·414	9·396	9·398	9·355	9·356	9·334	9·303	9·478
6	9·287	9·278	9·280	9·290	9·276	9·240	9·221	9·186	9·210	9·217	9·224	9·248	9·251	9·286	9·312	9·325	9·339	9·358	9·368	9·375	9·371	9·373	9·381	9·388	9·295
7	9·381	9·386	9·390	9·388	9·382	9·356	9·336	9·293	9·246	9·176	**9·153**	9·154	9·189	9·219	9·232	9·272	9·291	9·311	9·323	9·344	9·349	9·356	9·367	9·365	9·303
8	9·356	9·345	9·341	9·347	9·341	9·326	9·338	9·330	9·329	9·350	9·369	9·388	9·401	9·416	9·446	9·469	9·487	9·516	9·539	9·569	9·573	9·589	9·601	9·607	9·432
9	9·607	9·622	9·636	9·645	9·639	9·635	9·637	9·637	9·633	9·645	9·644	9·631	9·620	9·622	9·621	9·626	9·634	9·633	9·628	9·654	9·661	9·655	9·653	9·666	9·637
10	9·665	9·683	9·685	9·687	9·711	9·749	9·784	9·842	9·871	9·923	9·944	9·963	9·984	0·009	0·033	0·046	0·055	0·079	0·089	0·121	0·143	0·144	0·144	0·143	9·937
11	0·141	0·157	0·153	0·142	0·131	0·128	0·115	0·121	0·116	0·105	0·088	0·066	0·035	0·016	9·994	9·970	9·953	9·941	9·929	9·916	9·902	9·886	9·863	9·844	0·030
12	9·828	9·813	9·812	9·802	9·816	9·837	9·866	9·902	9·920	9·940	9·958	9·959	9·953	9·957	9·962	9·972	9·971	9·967	9·972	9·968	9·965	9·957	9·941	9·935	9·916
13	9·910	9·899	9·873	9·839	9·818	9·777	9·752	9·736	9·701	9·647	9·603	9·556	9·498	9·462	9·442	9·432	9·406	9·413	9·391	9·390	9·374	9·353	9·350	9·342	9·582
14	9·314	9·314	9·310	9·322	9·315	9·308	9·308	9·319	9·335	9·332	9·325	9·314	9·293	9·300	9·278	9·252	9·247	9·258	9·276	9·302	9·330	9·345	9·376	9·389	9·311
15	9·407	9·422	9·438	9·440	9·433	9·443	9·448	9·455	9·452	9·455	9·455	9·441	9·423	9·420	9·397	9·376	9·369	9·375	9·375	9·371	9·355	9·379	9·379	9·373	9·412
16	9·368	9·363	9·362	9·348	9·347	9·350	9·352	9·362	9·352	9·370	9·366	9·367	9·356	9·338	9·367	9·374	9·376	9·413	9·429	9·454	9·444	9·489	9·556	9·570	9·395
17	9·579	9·600	9·618	9·615	9·628	9·628	9·638	9·625	9·609	9·640	9·692	9·685	9·676	9·675	9·678	9·678	9·674	9·682	9·687	9·703	9·710	9·706	9·693	9·689	9·659
18	9·695	9·703	9·708	9·703	9·682	9·688	9·710	9·724	9·727	9·734	9·732	9·726	9·720	9·731	9·729	9·731	9·736	9·751	9·761	9·763	9·763	9·754	9·760	9·764	9·729
19	9·764	9·771	9·776	9·778	9·787	9·804	9·816	9·837	9·854	9·860	9·883	9·885	9·888	9·886	9·900	9·908	9·910	9·907	9·910	9·916	9·905	9·893	9·885	9·872	9·858
20	9·861	9·851	9·841	9·831	9·821	9·829	9·834	9·845	9·857	9·857	9·866	9·877	9·881	9·885	9·896	9·909	9·921	9·929	9·936	9·941	9·937	9·935	9·917	9·911	9·882
21	9·904	9·884	9·883	9·820	9·815	9·784	9·757	9·732	9·694	9·656	9·629	9·570	9·521	9·483	9·464	9·441	9·435	9·433	9·443	9·468	9·473	9·505	9·521	9·545	9·619
22	9·555	9·582	9·585	9·591	9·597	9·591	9·591	9·602	9·610	9·615	9·613	9·598	9·605	9·600	9·612	9·626	9·638	9·654	9·670	9·686	9·696	9·710	9·728	9·743	9·629
23	9·752	9·772	9·780	9·786	9·752	9·768	9·764	9·770	9·770	9·744	9·736	9·700	9·669	9·639	9·605	9·573	9·543	9·549	9·550	9·576	9·579	9·614	9·609	9·653	9·677
24	9·667	9·694	9·714	9·738	9·756	9·782	9·796	9·826	9·858	9·889	9·915	9·943	9·967	9·989	9·985	0·015	0·032	0·025	0·043	0·053	0·073	0·101	0·102	0·118	9·920
25	0·147	0·163	0·186	0·213	0·227	0·241	0·261	0·283	0·301	0·311	0·317	0·329	0·332	0·340	0·347	0·347	0·344	0·343	**0·355**	0·352	0·346	0·325	0·310	0·297	0·292
26	0·265	0·251	0·221	0·210	0·199	0·187	0·166	0·139	0·132	0·141	0·111	0·112	0·109	0·093	0·090	0·086	0·082	0·066	0·034	9·998	9·960	9·934	9·892	9·857	0·097
27	9·841	9·803	9·754	9·723	9·677	9·639	9·605	9·583	9·587	9·569	9·564	9·552	9·558	9·553	9·543	9·573	9·608	9·638	9·678	9·729	9·757	9·780	9·810	9·848	9·666
28	9·850	9·880	9·886	9·889	9·883	9·892	9·885	9·867	9·836	9·780	9·728	9·691	9·681	9·697	9·705	9·704	9·712	9·704	9·684	9·670	9·662	9·627	9·614	9·606	9·756
29	9·588	9·590	9·598	9·614	9·618	9·628	9·628	9·650	9·670	9·695	9·721	9·742	9·765	9·762	9·779	9·782	9·772	9·762	9·739	9·732	9·732	9·760	9·746	9·752	9·701
30	9·743	9·748	9·760	9·754	9·750	9·760	9·770	9·774	9·790	9·806	9·798	9·827	9·810	9·794	9·782	9·807	9·801	9·824	9·807	9·810	9·817	9·848	9·844	9·884	9·796
31	9·872	9·890	9·886	9·908	9·918	9·931	9·949	9·958	9·961	9·958	9·945	9·947	9·912	9·882	9·843	9·808	9·746	9·675	9·615	9·533	9·472	9·385	9·329	9·303	9·776
MEAN.	9·731	9·735	9·735	9·733	9·729	9·727	9·729	9·733	9·735	9·737	9·736	9·731	9·724	9·724	9·723	9·726	9·725	9·729	9·729	9·734	9·729	9·730	9·726	9·727	9·730

BAROMETER. REDUCED TO 32° AND SEA LEVEL. FIRST FIGURE OMITTED. FEBRUARY 1892.

	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	9·239	9·168	9·086	9·015	9·046	8·986	8·900	8·842	8·804	8·772	8·715	8·697	8·708	8·726	8·744	8·778	8·800	8·800	8·798	8·802	8·819	8·808	8·824	8·844	8·863
2	8·864	8·859	8·850	8·846	8·838	8·822	8·816	8·793	8·772	8·746	8·707	8·651	**8·601**	8·605	8·627	8·689	8·756	8·824	8·869	8·918	8·959	9·003	9·019	9·063	8·812
3	9·098	9·131	9·150	9·167	9·188	9·225	9·252	9·290	9·325	9·360	9·384	9·419	9·432	9·476	9·496	9·531	9·551	9·568	9·594	9·604	9·609	9·617	9·618	9·620	9·404
4	9·616	9·602	9·598	9·574	9·544	9·514	9·467	9·418	9·362	9·282	9·204	9·153	9·148	9·194	9·195	9·229	9·234	9·237	9·237	9·252	9·241	9·231	9·209	9·219	9·332
5	9·199	9·232	9·207	9·199	9·227	9·237	9·256	9·315	9·318	9·355	9·370	9·383	9·396	9·407	9·418	9·449	9·455	9·461	9·493	9·481	9·483	9·499	9·499	9·531	9·370
6	9·545	9·550	9·568	9·581	9·589	9·587	9·611	9·616	9·618	9·633	9·649	9·645	9·647	9·652	9·668	9·679	9·699	9·712	9·724	9·731	9·743	9·759	6·765	9·774	9·656
7	9·766	9·757	9·749	9·731	9·701	9·673	9·640	9·603	9·579	9·567	9·556	9·526	9·493	9·455	9·434	9·434	9·457	9·485	9·497	9·514	9·535	9·559	9·577	9·595	9·578
8	9·587	9·586	9·563	9·571	9·583	9·615	9·642	9·694	9·735	9·785	9·832	9·865	9·894	9·924	9·943	9·965	0·003	0·037	0·055	0·101	0·103	0·121	0·140	0·157	9·855
9	0·161	0·165	0·156	0·151	0·153	0·147	0·153	0·161	0·175	0·179	0·199	0·197	0·187	0·184	0·187	0·199	0·207	0·224	0·223	0·237	0·232	0·235	0·235	0·242	0·191
10	0·241	0·237	0·231	0·241	0·233	0·233	0·243	0·252	0·259	0·269	0·273	0·281	0·273	0·263	0·263	0·269	0·282	0·295	0·296	0·304	0·306	0·319	0·330	0·341	0·272
11	0·330	0·328	0·325	0·335	0·343	0·348	0·362	0·383	0·399	0·409	0·428	0·428	0·425	0·422	0·428	0·426	0·428	0·435	0·437	0·435	0·438	0·438	0·438	0·450	0·401
12	0·456	0·452	0·450	0·449	0·446	0·452	0·455	0·461	0·470	0·474	0·477	0·487	0·477	0·474	0·477	0·491	0·491	0·506	0·523	0·532	0·557	0·573	0·583	0·607	0·493
13	0·617	0·623	0·627	0·636	0·628	0·641	0·646	**0·664**	**0·664**	0·661	0·656	0·652	0·626	0·604	0·589	0·570	0·557	0·546	0·533	0·510	0·489	0·459	0·438	0·384	0·584
14	0·344	0·318	0·282	0·231	0·178	0·138	0·097	0·056	0·015	9·975	9·924	9·883	9·834	9·809	9·775	9·747	9·735	9·731	9·718	9·713	9·701	9·711	9·716	9·724	9·931
15	9·733	9·740	9·752	9·754	9·769	9·790	9·802	9·819	9·826	9·842	9·860	9·867	9·863	9·871	9·874	9·891	9·900	9·921	9·935	9·951	9·952	9·962	9·985	9·993	9·860
16	0·003	0·015	0·014	0·023	0·016	0·013	0·024	0·028	0·027	0·024	0·017	0·009	9·989	9·969	9·937	9·924	9·901	9·879	9·854	9·819	9·777	9·735	9·690	9·640	9·930
17	9·588	9·539	9·486	9·438	9·412	9·396	9·382	9·382	9·380	9·376	9·358	9·339	9·323	9·301	9·386	9·267	9·252	5·263	9·265	9·275	9·275	9·295	9·304	9·303	9·354
18	9·344	9·341	9·361	9·367	9·375	9·376	9·379	9·390	9·394	9·394	9·388	9·384	9·373	9·385	9·386	9·397	9·410	9·424	9·430	9·438	9·447	9·459	9·472	9·484	9·400
19	9·478	9·490	9·482	9·475	9·458	9·460	9·458	9·459	9·450	9·477	9·493	9·489	9·498	9·489	9·504	9·509	9·522	9·533	9·549	9·560	9·564	9·582	9·590	9·597	9·507
20	9·595	9·600	9·606	9·609	9·612	9·613	9·619	9·621	9·620	9·632	9·640	9·641	9·637	9·630	9·633	9·642	9·640	9·653	9·670	9·662	9·665	9·671	9·683	9·673	9·636
21	9·665	9·656	9·629	9·618	9·614	9·605	9·592	9·594	9·602	9·595	9·578	9·541	9·508	9·494	9·480	9·464	9·473	9·464	9·468	9·481	9·486	9·490	9·494	9·502	9·546
22	9·507	9·512	9·515	9·516	9·512	9·513	9·513	9·526	9·519	9·517	9·514	9·519	9·509	9·502	9·496	9·499	9·502	9·522	9·539	9·553	9·568	9·571	9·580	9·603	9·526
23	9·608	9·606	9·618	9·632	9·639	9·644	9·641	9·669	9·678	9·677	9·690	9·690	9·686	9·699	9·704	9·713	9·723	9·748	9·741	9·744	9·739	9·751	9·720	9·728	9·687
24	9·732	9·733	9·712	9·710	9·710	9·726	9·733	9·739	9·754	9·771	9·775	9·773	9·777	9·773	9·766	9·771	9·779	9·793	9·796	9·805	9·806	9·821	9·821	9·819	9·766
25	9·815	9·819	9·818	9·817	9·823	9·832	9·840	9·859	9·863	9·877	9·882	9·884	9·881	9·877	9·870	9·877	9·879	9·892	9·902	9·912	9·923	9·928	9·945	9·958	9·874
26	9·957	9·962	9·963	9·974	9·980	9·990	0·008	0·029	0·040	0·052	0·060	0·067	0·068	0·075	0·076	0·086	0·094	0·110	0·127	0·143	0·153	0·157	0·163	0·182	0·063
27	0·180	0·176	0·180	0·179	0·182	0·190	0·188	0·196	0·198	0·203	0·191	0·185	0·175	0·163	0·154	0·155	0·157	0·174	0·179	0·185	0·187	0·185	0·174	0·168	0·179
28	0·157	0·155	0·139	0·129	0·119	0·119	0·117	0·112	0·115	0·113	0·104	0·098	0·089	0·082	0·066	0·061	0·054	0·055	0·054	0·064	0·061	0·064	0·067	0·072	0·094
29	0·072	0·073	0·069	0·062	0·063	0·074	0·080	0·092	0·092	0·098	0·099	0·102	0·097	0·097	0·101	0·100	0·112	0·123	0·131	0·138	0·144	0·152	0·158	0·170	0·104
MEAN.	9·776	9·773	9·765	9·760	9·758	9·757	9·756	9·761	9·760	9·763	9·759	9·754	9·745	9·745	9·744	9·752	9·760	9·773	9·781	9·788	9·792	9·798	9·801	9·808	9·768

BAROMETER. REDUCED TO 32°. 4407 FEET ABOVE SEA LEVEL. FIRST FIGURE OMITTED. MARCH 1892.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	5·469	5·461	5·454	5·452	5·448	5·459	5·459	5·467	5·480	5·487	5·475	5·483	5·493	5·511	5·519	5·523	5·516	5·533	5·526	5·537	5·536	5·544	5·553	5·564	5·498
2	5·559	5·566	5·554	5·564	5·564	5·565	5·573	5·585	5·591	5.591	5·605	5·615	5·617	5·614	5·616	5·620	5·626	5·633	5·639	5·636	5·641	5·632	5·633	5·628	5·603
3	5·634	5·636	5·628	5·637	5·628	5·630	5·629	5·633	5·636	5·639	5·639	5·642	5·642	5·638	5·635	5·624	5·623	5·623	5·624	5·630	5·632	5·620	5·625	5·627	5·635
4	5·628	5·623	5·616	5·620	5·619	5·619	5·622	5·626	5·633	5·635	5·638	5·643	5·643	5·646	5·646	5·644	5·641	5·641	5·640	5·645	5·649	5·645	5·643	5·642	5·631
5	5·640	5·639	5·630	5·618	5·613	5·607	5·607	5·607	5·613	5·611	5·612	5·608	5·606	5·598	5·587	5·575	5·572	5·571	5·566	5·563	5·567	5·566	5·552	5·542	5·595
6	5·535	5·520	5·511	5·500	5·494	5·482	5·479	5·483	5·478	5·466	5·473	5·468	5·461	5·450	5·449	5·435	5·434	5·423	5·419	5·416	5·414	5·407	5·395	5·383	5·457
7	5·376	5·362	5·347	5·328	5·319	5·314	5·311	5·304	5·307	5·307	5·309	5·306	5·295	5·289	5·274	5·273	5·269	5·271	5·273	5·269	5·269	5·263	5·254	5·241	5·297
8	5·236	5·228	5·219	5·207	5·195	5·197	5·193	5·191	5·182	5·169	5·162	5·151	5·130	5·112	5·099	5·074	5·049	5·025	5·018	4·997	4·979	4·952	4·912	4·882	5·107
9	4·856	4·839	4·811	4·778	4·775	4·777	4·767	4·785	4·782	4·788	4·790	4·784	4·765	4·741	4·713	4·685	4·666	4·641	4·616	4·602	4·581	4·570	**4·554**	4·584	4·719
10	4·605	4·645	4·664	4·688	4·695	4·731	4·740	4·776	4·813	4·847	4·872	4·907	4·932	4·954	4·977	4·997	5·000	5·024	5·055	5·072	5·067	5·072	5·081	5·087	4·888
11	5·090	5·083	5·065	5·068	5·073	5·077	5·077	5·070	5·072	5·084	5·087	5·091	5·098	5·094	5·099	5·100	5·100	5·104	5·106	5·114	5·109	5·110	5·106	5·099	5·091
12	5·093	5·082	5·069	5·063	5·057	5·053	5·045	5·036	5·026	5·015	5·009	4·996	4·975	4·951	4·938	4·921	4·908	4·902	4·890	4·878	4·863	4·853	4·846	4·836	4·971
13	4·834	4·834	4·830	4·837	4·846	4·843	4·837	4·832	4·839	4·839	4·845	4·839	4·832	4·828	4·824	4·808	4·823	4·829	4·828	4·819	4·814	4·796	4·788	4·780	4·826
14	4·779	4·790	4·776	4·768	4·781	4·800	4·809	4·819	4·823	4·835	4·843	4·843	4·859	4·853	4·865	4·872	4·878	4·884	4·895	4·891	4·892	4·892	4·888	4·880	4·842
15	4·877	4·866	4·854	4·846	4·836	4·821	4·818	4·818	4·800	4·784	4·781	4·777	4·771	4·766	4·764	4·779	4·793	4·819	4·838	4·855	4·880	4·899	4·922	4·950	4·830
16	4·974	4·988	5·007	5·032	5·059	5·076	5·077	5·094	5·092	5·089	5·091	5·086	5·064	5·047	5·033	5·027	5·042	5·030	5·070	5·090	5·139	5·134	5·139	5·135	5·067
17	5·120	5·103	5·074	5·039	5·029	5·040	5·048	5·074	5·099	5·107	5·158	5·180	5·216	5·224	5·243	5·266	5·286	5·299	5·321	5·322	5·325	5·329	5·343	5·359	5·192
18	5·387	5·403	5·413	5·423	5·424	5·438	5·450	5·471	5·485	5·499	5·516	5·535	5·535	5·533	5·511	5·529	5·540	5·544	5·546	5·528	5·536	5·554	5·560	5·557	5·497
19	5·567	5·573	5·573	5·560	5·565	5·570	5·568	5·575	5·592	5·605	5·631	5·639	5·674	5·666	5·645	5·628	5·636	5·652	5·652	5·665	5·653	5·643	5·653	5·658	5·618
20	5·631	5·615	5·615	5·595	5·608	5·604	5·582	5·596	5·578	5·577	5·567	5·551	5·559	5·571	5·559	5·575	5·571	5·582	5·595	5·585	5·584	5·586	5·588	5·591	5·586
21	5·591	5·598	5·598	5·601	5·612	5·622	5·639	5·649	5·658	5·668	5·686	5·689	5·694	5·692	5·699	5·700	5·711	5·735	5·753	5·766	5·789	5·792	5·799	5·802	5·688
22	5·808	5·810	5·816	5·826	5·846	5·864	5·869	5·883	5·903	5·909	5·917	5·923	5·927	5·932	5·935	5·939	5·947	5·948	**5·960**	5·956	5·949	5·949	5·945	5·943	5·904
23	5·931	5·910	5·909	5·893	5·894	5·891	5·882	5·884	5·875	5·868	5·871	5·860	5·845	5·823	5·815	5·807	5·803	5·798	5·789	5·772	5·765	5·742	5·731	5·708	5·836
24	5·694	5·672	5·661	5·647	5·630	5·620	5·616	5·613	5·604	5·600	5·594	5·592	5·580	5·570	5·561	5·550	5·547	5·530	5·505	5·503	5·487	5·474	5·461	5·453	5·574
25	5·435	5·412	5·394	5·372	5·349	5·347	5·334	5·319	5·306	5·305	5·274	5·258	5·242	5·215	5·195	5·162	5·138	5·130	5·113	5·100	5·077	5·078	5·067	5·040	5·236
26	5·034	5·023	5·001	4·988	4·991	4·994	4·997	5·008	5·008	5·013	5·021	5·025	5·031	5·038	5·048	5·050	5·066	5·073	5·090	5·097	5·104	5·115	5·125	5·139	5·045
27	5·151	5·153	5·156	5·166	5·180	5·191	5·197	5·204	5·225	5·234	5·243	5·258	5·266	5·265	5·265	5·269	5·278	5·288	5·294	5·294	5·294	5·295	5·296	5·285	5·239
28	5·279	5·273	5·266	5·253	5·242	5·254	5·265	5·269	5·279	5·297	5·319	5·330	5·353	5·375	5·393	5·409	5·441	5·474	5·487	5·509	5·521	5·549	5·565	5·579	5·374
29	5·595	5·610	5·625	5·641	5·663	5·678	5·692	5·715	5·725	5·741	5·754	5·756	5·755	5·762	5·766	5·768	5·781	5·779	5·787	5·788	5·783	5·784	5·788	5·788	5·730
30	5·800	5·795	5·795	5·796	5·813	5·816	5·827	5·835	5·833	5·848	5·845	5·850	5·850	5·844	5·844	5·856	5·855	5·843	5·852	5·860	5·861	5·845	5·848	5·839	5·835
31	5·836	5·829	5·813	5·798	5·788	5·795	5·818	5·834	5·819	5·828	5·824	5·829	5·825	5·835	5·827	5·824	5·820	5·823	5·824	5·826	5·837	5·841	5·843	5·845	5·824
MEAN.	5·356	5·353	5·347	5·342	5·344	5·348	5·349	5·357	5·360	5·364	5·369	5·371	5·372	5·369	5·366	5·364	5·367	5·369	5·373	5·374	5·374	5·372	5·371	5·369	5·362

BAROMETER. REDUCED TO 32°. 4407 FEET ABOVE SEA LEVEL. FIRST FIGURE OMITTED. APRIL 1892.

	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	5·834	5·823	5·823	5·819	5·828	5·830	5·840	5·839	5·853	5·866	5·865	5·869	**5·870**	5·866	5·861	5·862	5·864	5·868	5·859	5·866	5·869	5·869	5·868	5·862	5·853
2	5·858	5·854	5·845	5·839	5·837	5·844	5·840	5·837	5·833	5·842	5·843	5·839	5·836	5·823	5·817	5·814	5·804	5·795	5·799	5·794	5·792	5·790	5·785	5·781	5·823
3	5·777	5·769	5·763	5·751	5·746	5·743	5·750	5·732	5·736	5·725	5·719	5·711	5·691	5·670	5·650	5·631	5·618	5·600	5·587	5·552	5·544	5·530	5·519	5·493	5·667
4	5·476	5·457	5·430	5·412	5·395	5·388	5·386	5·370	5·353	5·347	5·340	5·330	5·319	5·313	5·302	5·299	5·308	5·304	5·310	5·312	5·314	5·313	5·319	5·320	5·351
5	5·316	5·319	5·315	5·310	5·317	5·334	5·338	5·343	5·358	5·362	5·372	5·386	5·390	5·387	5·390	5·398	5·400	5·417	5·427	5·436	5·445	5·446	5·448	5·450	5·379
6	5·453	5·454	5·458	5·460	5·469	5·473	5·480	5·486	5·492	5·497	5·514	5·508	5·509	5·503	5·500	5·498	5·506	5·509	5·515	5·518	5·519	5·518	5·514	5·515	5·496
7	5·506	5·500	5·495	5·491	5·499	5·501	5·501	5·510	5·506	5·503	5·508	5·510	5·517	5·516	5·506	5·507	5·513	5·517	5·520	5·525	5·531	5·537	5·545	5·558	5·513
8	5·548	5·549	5·546	5·543	5·551	5·563	5·569	5·582	5·589	5·592	5·600	5·593	5·595	5·588	5·578	5·580	5·587	5·584	5·584	5·586	5·587	5·591	5·584	5·578	5·577
9	5·575	5·581	5·585	5·587	5·583	5·596	5·603	5·602	5·598	5·590	5·578	5·583	5·578	5·571	5·571	5·561	5·561	5·558	5·564	5·560	5·558	5·552	5·552	5·542	5·575
10	5·538	5·534	5·531	5·529	5·535	5·532	5·536	5·539	5·539	5·541	5·546	5·545	5·550	5·537	5·535	5·526	5·539	5·537	5·540	5·534	5·537	5·537	5·533	5·521	5·536
11	5·518	5·516	5·508	5·500	5·500	5·499	5·498	5·509	5·510	5·513	5·509	5·519	5·522	5·514	5·510	5·508	5·512	5·505	5·499	5·501	5·501	5·499	5·496	5·488	5·506
12	5·478	5·466	5·452	5·432	5·434	5·430	5·429	5·421	5·414	5·411	5·398	5·382	5·372	5·344	5·321	5·318	5·300	5·271	5·258	5·248	5·234	5·218	5·217	5·223	5·353
13	5·195	5·202	5·193	5·169	5·174	5·193	5·193	5·191	5·188	5·187	5·191	5·181	5·170	5·157	5·143	5·133	5·136	5·129	5·128	5·121	5·120	5·110	5·112	5·111	5·159
14	5·103	5·090	5·084	5·072	5·080	5·077	5·081	5·090	5·090	5·094	5·099	5·100	5·108	5·094	5·090	5·084	5·090	5·093	5·096	5·098	5·108	5·104	5·105	5·104	5·093
15	5·101	5·093	5·085	5·083	5·085	5·092	5·093	5·101	5·104	5·110	5·107	5·114	5·109	5·104	5·095	5·091	5·088	5·092	5·092	5·089	5·080	5·076	5·066	5·062	5·092
16	5·051	5·042	5·037	5·033	5·026	5·028	5·033	5·036	5·037	5·046	5·053	5·059	5·062	5·064	5·058	5·066	5·079	5·084	5·098	5·107	5·108	5·109	5·120	5·125	5·065
17	5·127	5·127	5·122	5·123	5·120	5·130	5·139	5·143	5·149	5·161	5·172	5·181	5·186	5·192	5·197	5·204	5·216	5·230	5·239	5·251	5·262	5·262	5·268	5·266	5·186
18	5·268	5·272	5·278	5·280	5·288	5·296	5·316	5·335	5·340	5·361	5·371	5·396	5·419	5·438	5·450	5·460	5·478	5·492	5·513	5·527	5·540	5·554	5·560	5·573	5·409
19	5·578	5·583	5·577	5·571	5·574	5·578	5·578	5·580	5·577	5·584	5·578	5·570	5·565	5·560	5·546	5·522	5·518	5·511	5·470	5·463	5·455	5·450	5·450	5·467	5·538
20	5·477	5·485	5·485	5·489	5·491	5·495	5·503	5·512	5·508	5·504	5·489	5·471	5·444	5·432	5·396	5·382	5·345	5·304	5·286	5·265	5·263	5·274	5·275	5·282	5·411
21	5·289	5·296	5·287	5·296	5·301	5·311	5·314	5·328	5·331	5·339	5·337	5·336	5·333	5·313	5·319	5·325	5·323	5·315	5·302	5·304	5·309	5·317	5·320	5·317	5·315
22	5·334	5·326	5·336	5·346	5·358	5·366	5·376	5·393	5·410	5·418	5·416	5·456	5·464	5·469	5·483	5·484	5·483	5·498	5·497	5·501	5·510	5·518	5·518	5·520	5·437
23	5·504	5·511	5·507	5·514	5·520	5·532	5·537	5·550	5·550	5·569	5·570	5·567	5·570	5·571	5·559	5·550	5·538	5·527	5·521	5·523	5·518	5·515	5·529	5·524	5·536
24	5·507	5·524	5·527	5·520	5·526	5·544	5·552	5·556	5·547	5·547	5·546	5·526	5·530	5·516	5·499	5·468	5·440	5·410	5·383	5·368	5·344	5·323	5·304	5·291	5·471
25	5·278	5·261	5·245	5·245	5·239	5·239	5·233	5·228	5·225	5·228	5·236	5·238	5·237	5·230	5·231	5·226	5·231	5·231	5·222	5·228	5·225	5·228	5·224	5·215	5·234
26	5·219	5·214	5·215	5·209	5·212	5·218	5·224	5·231	5·236	5·248	5·266	5·272	5·277	5·282	5·278	5·269	5·256	5·252	5·249	5·235	5·225	5·211	5·174	5·150	5·234
27	5·129	5·074	5·023	4·977	4·937	4·906	4·883	4·882	4·877	4·876	**4·872**	4·876	4·878	4·880	4·888	4·902	4·923	4·941	4·961	5·050	5·110	5·149	5·173	5·191	4·973
28	5·218	5·231	5·244	5·258	5·269	5·274	5·280	5·296	5·300	5·302	5·306	5·313	5·316	5·314	5·311	5·304	5·292	5·285	5·287	5·282	5·282	5·284	5·283	5·283	5·284
29	5·282	5·289	5·289	5·292	5·303	5·312	5·326	5·348	5·357	5·375	5·387	5·402	5·407	5·417	5·413	5·415	5·419	5·418	5·417	5·409	5·403	5·394	5·384	5·402	5·369
30	5·395	5·388	5·387	5·379	5·374	5·385	5·390	5·401	5·406	5·413	5·415	5·432	5·439	5·440	5·448	5·448	5·446	5·442	5·441	5·432	5·434	5·428	5·415	5·405	5·416
MEAN.	5·397	5·394	5·389	5·384	5·386	5·390	5·394	5·399	5·400	5·405	5·407	5·409	5·409	5·404	5·398	5·394	5·394	5·391	5·389	5·390	5·391	5·390	5·389	5·387	5·395

BAROMETER. REDUCED TO 32° AND SEA LEVEL. FIRST FIGURE OMITTED. MARCH 1892.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	0·183	0·191	0·191	0·190	0·190	0·196	0·202	0·210	0·219	0·224	0·232	0·242	0·239	0·238	0·238	0·244	0·245	0·257	0·271	0·291	0·303	0·309	0·321	0·339	0·240
2	0·338	0·340	0·342	0·346	0·356	0·366	0·367	0·380	0·383	0·391	0·401	0·405	0·399	0·393	0·391	0·393	0·398	0·417	0·425	0·435	0·431	0·437	0·433	0·437	0·392
3	0·441	0·445	0·439	0·444	0·443	0·445	0·445	0·451	0·451	0·450	0·447	0·447	0·438	0·429	0·420	0·417	0·418	0·428	0·430	0·438	0·441	0·437	0·438	0·445	0·439
4	0·447	0·443	0·439	0·438	0·440	0·443	0·447	0·455	0·463	0·460	0·458	0·457	0·448	0·441	0·433	0·430	0·429	0·429	0·422	0·436	0·438	0·437	0·441	0·442	0·442
5	0·437	0·432	0·419	0·415	0·407	0·406	0·406	0·407	0·406	0·399	0·381	0·376	0·357	0·337	0·316	0·309	0·302	0·300	0·297	0·300	0·305	0·301	0·292	0·292	0·358
6	0·285	0·281	0·267	0·268	0·254	0·244	0·240	0·243	0·234	0·222	0·208	0·196	0·178	0·160	0·155	0·139	0·132	0·128	0·126	0·124	0·123	0·116	0·104	0·092	0·188
7	0·084	0·072	0·055	0·040	0·030	0·024	0·023	0·019	0·015	0·018	0·017	0·011	9·998	9·987	9·969	9·964	9·953	9·961	9·958	9·960	9·960	9·955	9·948	9·934	9·998
8	9·923	9·911	9·908	9·904	9·900	9·897	9·890	9·881	9·868	9·854	9·840	9·814	9·789	9·763	9·746	9·729	9·729	9·697	9·688	9·662	9·651	9·618	9·597	9·579	9·785
9	9·563	9·538	9·550	9·563	9·570	9·492	9·493	9·498	9·497	9·504	9·490	9·493	9·464	9·423	9·385	9·352	9·298	9·289	9·258	9·223	**9·183**	**9·183**	9·205	9·233	9·406
10	9·281	9·330	9·365	9·395	9·400	9·417	9·441	9·476	9·500	9·526	9·561	9·587	9·584	9·607	9·647	9·668	9·675	9·711	9·726	9·747	9·744	9·749	9·749	9·754	9·568
11	9·758	9·754	9·741	9·745	9·743	9·748	9·751	9·751	9·751	9·750	9·750	9·745	9·739	9·736	9·737	9·739	9·743	9·755	9·765	9·776	9·778	9·783	9·782	9·786	9·754
12	9·777	9·773	9·755	9·754	9·746	9·746	9·732	9·728	9·711	9·707	9·682	9·663	9·637	9·619	9·596	9·571	9·554	9·544	9·531	9·522	9·510	9·496	9·489	9·490	9·639
13	9·485	9·478	9·470	9·474	9·471	9·474	9·466	9·467	9·468	9·468	9·461	9·457	9·445	9·444	9·439	9·439	9·435	9·449	9·455	9·455	9·450	9·444	9·438	9·439	9·457
14	9·433	9·434	9·421	9·423	9·423	9·434	9·439	9·451	9·455	9·464	9·468	9·472	9·469	9·470	9·477	9·485	9·489	9·497	9·503	9·510	9·513	9·511	9·510	9·512	9·469
15	9·511	9·501	9·494	9·483	9·469	9·461	9·457	9·452	9·435	9·410	9·394	9·385	9·371	9·358	9·354	9·363	9·382	9·409	9·437	9·471	9·503	9·530	9·561	9·599	9·450
16	9·624	9·635	9·652	9·687	9·712	9·724	9·728	9·739	9·739	9·735	9·719	9·703	9·689	9·663	9·651	9·627	9·593	9·580	9·609	9·628	9·677	9·669	9·672	9·659	9·671
17	9·652	9·638	9·587	9·541	9·532	9·548	9·557	9·582	9·586	9·635	9·692	9·730	9·751	9·764	9·778	9·805	9·812	9·832	9·849	9·862	9·867	9·880	9·895	9·916	9·720
18	9·935	9·965	9·966	9·970	9·973	9·981	0·001	0·023	0·038	0·056	0·080	0·087	0·092	0·091	0·085	0·087	0·092	0·112	0·125	0·136	0·136	0·147	0·139	0·153	0·061
19	0·149	0·154	0·147	0·150	0·155	0·175	0·181	0·196	0·206	0·222	0·232	0·238	0·239	0·228	0·229	0·235	0·243	0·256	0·267	0·285	0·292	0·296	0·281	0·285	0·223
20	0·299	0·293	0·295	0·287	0·281	0·277	0·273	0·274	0·271	0·260	0·251	0·246	0·220	0·210	0·203	0·209	0·193	0·204	0·211	0·240	0·250	0·261	0·264	0·266	0·252
21	0·268	0·274	0·275	0·279	0·288	0·295	0·306	0·322	0·332	0·354	0·367	0·372	0·369	0·369	0·370	0·379	0·388	0·427	0·447	0·480	0·503	0·523	0·531	0·547	0·378
22	0·560	0·568	0·576	0·589	0·598	0·621	0·624	0·647	0·654	0·661	0·662	0·668	0·655	0·658	0·651	0·650	0·656	0·668	0·665	**0·675**	0·670	0·668	0·659	0·650	0·639
23	0·636	0·621	0·608	0·601	0·589	0·586	0·575	0·575	0·562	0·555	0·548	0·536	0·517	0·501	0·486	0·476	0·463	0·461	0·451	0·447	0·438	0·423	0·407	0·391	0·519
24	0·374	0·352	0·345	0·328	0·309	0·303	0·299	0·294	0·276	0·267	0·241	0·229	0·213	0·205	0.193	0·183	0·168	0·159	0·145	0·143	0·129	0·118	0·105	0·092	0·228
25	0·073	0·053	0·026	0·006	9·983	9·965	9·943	9·931	9·919	9·902	9·877	9·857	9·830	9·807	9·782	9·760	9·731	9·717	9·703	9·682	9·665	9·647	9·630	9·611	9·838
26	9·592	9·571	9·547	9·527	9·537	9·578	9·579	9·595	9·606	9·629	9·650	9·667	9·683	9·708	9·731	9·749	9·769	9·793	9·809	9·832	9·844	9·868	9·890	9·903	9·694
27	9·915	9·923	9·934	9·944	9·955	9·975	9·985	9·999	0·006	0·015	0·023	0·025	0·022	0·025	0·017	0·023	0·023	0·032	0·034	0·046	0·045	0·056	0·056	0·046	0·005
28	0·043	0·032	0·012	9·995	9·987	9·989	9·980	9·982	9·985	9·999	0·025	0·055	0·073	0·098	0·120	0·161	0·186	0·239	0·265	0·302	0·327	0·365	0·389	0·405	0·126
29	0·420	0·434	0·446	0·456	0·474	0·494	0·507	0·518	0·517	0·534	0·527	0·524	0.518	0·529	0·515	0·525	0·516	0·523	0·529	0·533	0·530	0·534	0·537	0·530	0·507
30	0·540	0·525	0·529	0·533	0·543	0·551	0·555	0·558	0·561	0·569	0·558	0·546	0·552	0·542	0·532	0·538	0·532	0·526	0·530	0·538	0·530	0·532	0·518	0·524	0·540
31	0·518	0·509	0·501	0·496	0·487	0·485	0·487	0·485	0·496	0·486	0·486	0·484	0·477	0·466	4·449	0·442	0·443	0·452	0·467	0·470	0·481	0·477	0·474	0·477	0·479
MEAN	0·050	0·047	0·042	0·041	0·040	0·043	0·044	0·051	0·052	0·056	0·056	0·055	0·047	0·041	0·035	0·035	0·032	0·040	0·045	0·053	0·055	0·055	0·057	0·059	0·047

BAROMETER. REDUCED TO 32° AND SEA LEVEL. FIRST FIGURE OMITTED. APRIL 1892.

	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	0·464	0·463	0·453	0·450	0·453	0·453	0·463	0·476	**0·478**	**0·478**	0·466	0·460	0·460	0·455	0·448	0·448	0·440	0·448	0·448	0·453	0·456	0·463	0·462	0·460	0·458
2	0·460	0·454	0·442	0·438	0·432	0·442	0·441	0·433	0·425	0·418	0·406	0·392	0·380	0·374	0·364	0·350	0·341	0·342	0·353	0·363	0·366	0·367	0·365	0·368	0·397
3	0·355	0·349	0·340	0·325	0·313	0·305	0·302	0·289	0·277	0·257	0·228	0·204	0·181	0·149	0·118	0·092	0·074	0·071	0·071	0·056	0·048	0·038	0·026	0·000	0·186
4	9·982	9·958	9·932	9·920	9·901	9·895	9·886	9·873	9·850	9·836	9·823	9·814	9·812	9·807	9·803	9·811	9·823	9·819	9·829	9·832	9·828	9·835	9·840	9·846	9·856
5	9·838	9·834	9·833	9·839	9·838	9·854	9·863	9·877	9·885	9·900	9·905	9·914	9·910	9·915	9·916	9·924	9·928	9·948	9·956	9·976	9·980	9·980	9·992	9·998	9·908
6	9·998	0·000	9·998	0·004	0·008	0·014	0·019	0·030	0·036	0·043	0·043	0·036	0·032	0·021	0·016	0·018	0·035	0·036	0·048	0·063	0·067	0·069	0·071	0·074	0·032
7	0·071	0·063	0·060	0·064	0·070	0·075	0·076	0·078	0·069	0·065	0·055	0·045	0·045	0·039	0·026	0·026	0·022	0·031	0·032	0·050	0·071	0·079	0·105	0·110	0·060
8	0·110	0·114	0·114	0·110	0·113	0·128	0·136	0·141	0·135	0·131	0·113	0·102	0·095	0·089	0·079	0·082	0·081	0·079	0·087	0·109	0·119	0·134	0·135	0·141	0·112
9	0·147	0·156	0·158	0·159	0·156	0·162	0·163	0·156	0·136	0·121	0·107	0·096	0·091	0·089	0·089	0·083	0·079	0·085	0·089	0·108	0·115	0·118	0·118	0·118	0·121
10	0·116	0·113	0·110	0·111	0·108	0·106	0·104	0·098	0·090	0·082	0·065	0·055	0·041	0·028	0·011	0·009	0·005	0·007	0·017	0·037	0·049	0·058	0·061	0·062	0·064
11	0·053	0·056	0·046	0·045	0·045	0·045	0·046	0·043	0·034	0·026	0·010	0·005	0·000	0·002	0·001	0·000	0·003	0·012	0·030	0·054	0·068	0·084	0·086	0·087	0·037
12	0·082	0·080	0·072	0·070	0·066	0·072	0·070	0·074	0·074	0·076	0·065	0·048	0·033	0·015	9·992	9·972	9·960	9·964	9·964	9·962	9·969	9·962	9·963	9·965	0·024
13	9·955	9·947	9·940	9·925	9·914	9·911	9·907	9·898	9·888	9·875	9·854	9·849	9·823	9·817	9·793	9·809	9·797	9·789	9·793	9·801	9·807	9·806	9·807	9·807	9·855
14	9·802	9·792	9·790	9·790	9·789	9·789	9·786	9·791	9·784	9·778	9·763	9·752	9·742	9·740	9·740	9·739	9·738	9·741	9·742	9·761	9·773	9·777	9·780	9·781	9·769
15	9·777	9·771	9·770	9·770	9·772	9·781	9·782	9·781	9·773	9·775	9·762	9·754	9·742	9·740	9·740	9·744	9·738	9·744	9·749	9·756	9·760	9·750	9·746	9·740	9·759
16	9·727	9·722	9·719	9·719	9·713	9·720	9·723	9·726	9·724	9·719	9·712	9·708	9·700	9·694	9·695	9·706	9·715	9·732	9·748	9·771	9·782	9·789	9·801	9·814	9·732
17	9·812	9·814	9·817	9·822	9·825	9·835	9·834	9·838	9·837	9·836	9·838	9·832	9·833	9·836	9·842	9·871	9·889	9·915	9·924	9·944	9·951	9·959	9·965	9·969	9·868
18	9·972	9·984	9·989	0·002	0·015	0·029	0·047	0·063	0·063	0·064	0·074	0·080	0·089	0·105	0·124	0·138	0·150	0·182	0·199	0·224	0·238	0·259	0·264	0·288	0·110
19	0·294	0·299	0·295	0·297	0·299	0·309	0·305	0·300	0·294	0·288	0·268	0·249	0·235	0·225	0·200	0·181	0·158	0·144	0·136	0·120	0·108	0·104	0·090	0·083	0·220
20	0·093	0·105	0·107	0·112	0·121	0·129	0·132	0·138	0·133	0·118	0·094	0·077	0·038	0·008	9·975	9·939	9·916	9·879	9·864	9·843	9·832	9·845	9·865	9·872	0·010
21	9·875	9·880	9·870	9·887	9·895	9·906	9·910	9·921	9·927	9·931	9·929	9·928	9·914	9·902	9·886	9·864	9·852	9·842	9·837	9·836	9·845	9·846	9·859	9·884	9·884
22	9·918	9·933	9·939	9·950	9·958	9·968	9·980	9·994	0·016	0·033	0·057	0·077	0·089	0·098	0·098	0·114	0·123	0·135	0·146	0·149	0·162	0·167	0·175	0·175	0·061
23	0·169	0·175	0·168	0·185	0·184	0·200	0·196	0·214	0·223	0·228	0·225	0·227	0·221	0·226	0·206	0·194	0·190	0·182	0·186	0·186	0·204	0·206	0·212	0·215	0·201
24	0·214	0·214	0·220	0·219	0·218	0·229	0·236	0·234	0·220	0·210	0·195	0·183	0·172	0·156	0·132	0·107	0·085	0·049	0·020	9·997	9·968	9·959	9·936	9·928	0·129
25	9·908	9·905	9·890	9·882	9·878	9·882	9·877	9·874	9·867	9·865	9·858	9·859	9·848	9·850	9·840	9·843	9·852	9·869	9·876	9·885	9·884	9·891	9·891	9·893	9·874
26	9·890	9·889	9·887	9·888	9·889	9·892	9·896	9·901	9·897	9·896	9·897	9·896	9·892	9·884	9·872	9·858	9·855	9·851	9·847	9·847	9·834	9·821	9·791	9·766	9·868
27	9·727	9·691	9·643	9·604	9·556	9·510	9·481	9·463	9·463	9·455	**9·448**	9·452	9·450	9·462	9·471	9·495	9·518	9·575	9·628	9·704	9·758	9·818	9·850	9·878	9·588
28	9·906	9·917	9·923	9·939	9·949	9·959	9·972	9·980	9·980	9·983	9·994	9·995	9·989	9·975	9·964	9·956	9·945	9·948	9·955	9·958	9·961	9·969	9·965	9·973	9·961
29	9·983	9·996	0·002	0·011	0·025	0·044	0·058	0·074	0·078	0·084	0·073	0·072	0·067	0·064	0·069	0·070	0·081	0·087	0·088	0·079	0·084	0·076	0·068	0·064	0·058
30	0·058	0·053	0·054	0·038	0·035	0·037	0·026	0·048	0·055	0·051	0·056	0·055	0·057	0·061	0·066	0·063	0·060	0·058	0·056	0·057	0·049	0·046	0·031	0·019	0·050
MEAN.	0·025	0·024	0·019	0·019	0·018	0·023	0·024	0·027	0·024	0·021	0·013	0·007	9·999	9·994	9·986	9·984	9·982	9·985	9·991	9·999	0·005	0·009	0·011	0·013	0·008

BAROMETER. Reduced to 32°. 4407 feet above Sea Level. First figure omitted. MAY 1892.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	5·384	5·380	5·361	5·355	5·355	5·350	5·350	5·341	5·334	5·337	5·330	5·327	5·323	5·314	5·307	5·297	5·294	5·293	5·293	5·297	5·295	5·297	5·308	5·313	5·326
2	5·321	5·340	5·355	5·372	5·385	5·405	5·419	5·433	5·447	5·456	5·467	5·477	5·484	5·484	5·483	5·488	5·496	5·501	5·502	5·503	5·514	5·514	5·512	5·502	5·452
3	5·501	5·498	5·486	5·461	5·459	5·432	5·431	5·425	5·428	5·444	5·439	5·451	5·425	5·441	5·447	5·404	5·406	5·414	5·426	5·435	5·424	5·436	5·426	5·418	5·440
4	5·421	5·404	5·433	5·427	5·434	5·446	5·451	5·465	5·475	5·478	5·480	5·494	5·502	5·499	5·503	5·506	5·500	5·504	5·502	5·503	5·501	5·497	5·492	5·485	5·475
5	5·459	5·453	5·451	5·443	5·455	5·461	5·447	5·460	5·481	5·497	5·502	5·514	5·517	5·515	5·517	5·517	5·522	5·516	5·517	5·525	5·540	5·538	5·544	5·541	5·497
6	5·539	5·540	5·541	5·544	5·551	5·556	5·564	5·572	5·579	5·580	5·588	5·600	5·605	5·607	5·608	5·608	5·596	5·590	5·576	5·572	5·571	5·557	5·545	5·524	5·571
7	5·494	5·480	5·455	5·425	5·408	5·418	5·404	5·404	5·400	5·400	5·398	5·396	5·403	5·410	5·409	5·416	5·420	5·420	5·427	5·428	5·432	5·429	5·431	5·431	5·422
8	5·432	5·430	5·427	5·427	5·427	5·435	5·443	5·448	5·457	5·458	5·465	5·472	5·476	5·478	5·477	5·472	5·466	5·465	5·459	5·458	5·458	5·459	5·459	5·463	5·455
9	5·463	5·471	5·473	5·476	5·481	5·496	5·507	5·521	5·528	5·540	5·550	5·561	5·572	5·582	5·585	5·588	5·599	5·604	5·611	5·618	5·624	5·630	5·634	5·635	5·556
10	5·637	5·643	5·648	5·653	5·658	5·664	5·666	5·676	5·680	5·692	5·702	5·709	5·723	5·733	5·734	5·736	5·729	5·729	5·729	5·742	5·758	5·761	5·766	5·766	5·705
11	5·764	5·767	5·762	5·759	5·753	5·758	5·764	5·775	5·785	5·794	5·797	5·805	5·816	5·816	5·820	5·824	5·823	5·822	5·821	5·821	5·831	**5·840**	5·838	5·838	5·800
12	5·835	5·833	5·833	5·833	5·828	5·826	5·826	5·824	5·823	5·818	5·812	5·808	5·794	5·782	5·770	5·757	5·738	5·698	5·704	5·675	5·664	5·651	5·653	5·647	5·772
13	5·628	5·616	5·596	5·586	5·582	5·575	5·569	5·562	5·560	5·556	5·546	5·535	5·528	5·514	5·501	5·497	5·490	5·479	5·467	5·449	5·435	5·414	5·399	5·372	5·519
14	5·340	5·321	5·301	5·299	5·303	5·297	5·289	5·299	5·297	5·303	5·309	5·310	5·306	5·299	5·299	5·291	5·283	5·281	5·270	5·255	5·259	5·236	5·216	5·186	5·285
15	5·155	5·107	5·085	5·059	5·035	5·024	5·020	5·043	5·046	5·047	5·050	5·046	5·053	5·049	5·033	5·039	5·037	5·020	5·014	5·001	4·990	4·978	4·964	4·936	5·035
16	4·919	4·895	4·867	4·821	4·815	4·815	4·809	4·803	4·803	**4·801**	4·803	4·804	4·813	4·837	4·865	4·912	4·948	4·985	5·016	5·044	5·066	5·088	5·108	5·134	4·907
17	5·152	5·172	5·184	5·203	5·227	5·245	5·268	5·293	5·306	5·325	5·337	5·348	5·359	5·373	5·386	5·393	5·399	5·406	5·414	5·416	5·412	5·411	5·404	5·389	5·326
18	5·370	5·361	5·346	5·333	5·316	5·305	5·279	5·261	5·226	5·193	5·181	5·186	5·188	5·193	5·184	5·180	5·182	5·186	5·189	5·186	5·180	5·177	5·158	5·162	5·230
19	5·158	5·156	5·159	5·162	5·178	5·194	5·209	5·218	5·237	5·254	5·271	5·278	5·288	5·296	5·289	5·285	5·264	5·233	5·211	5·183	5·171	5·149	5·128	5·126	5·212
20	5·098	5·081	5·068	5·055	5·045	5·050	5·055	5·066	5·081	5·103	5·129	5·154	5·183	5·196	5·227	5·268	5·291	5·315	5·337	5·350	5·356	5·360	5·360	5·353	5·191
21	5·342	5·334	5·328	5·314	5·308	5·303	5·294	5·283	5·245	5·238	5·233	5·215	5·216	5·219	5·209	5·208	5·219	5·223	5·230	5·235	5·239	5·258	5·274	5·287	5·261
22	5·299	5·308	5·312	5·312	5·313	5·319	5·317	5·323	5·327	5·331	5·337	5·337	5·334	5·337	5·326	5·315	5·302	5·288	5·269	5·256	5·248	5·238	5·215	5·205	5·299
23	5·186	5·173	5·158	5·132	5·131	5·141	5·144	5·159	5·170	5·176	5·184	5·188	5·196	5·201	5·202	5·199	5·184	5·172	5·164	5·156	5·148	5·130	5·123	5·122	5·164
24	5·114	5·088	5·075	5·054	5·040	5·056	5·068	5·075	5·067	5·068	5·068	5·094	5·101	5·145	5·152	5·165	5·180	5·188	5·201	5·207	5·220	5·230	5·233	5·235	5·130
25	5·238	5·231	5·227	5·222	5·209	5·207	5·201	5·178	5·145	5·135	5·129	5·124	5·115	5·115	5·111	5·114	5·118	5·130	5·140	5·174	5·184	5·205	5·220	5·232	5·171
26	5·244	5·247	5·246	5·253	5·263	5·281	5·291	5·302	5·299	5·317	5·332	5·343	5·343	5·349	5·337	5·336	5·333	5·331	5·324	5·313	5·323	5·291	5·291	5·277	5·303
27	5·262	5·257	5·245	5·242	5·232	5·235	5·234	5·241	5·253	5·263	5·268	5·281	5·286	5·298	5·311	5·320	5·332	5·344	5·356	5·365	5·374	5·384	5·397	5·400	5·299
28	5·407	5·406	5·407	5·408	5·409	5·414	5·423	5·424	5·431	5·419	5·406	5·380	5·381	5·365	5·342	5·321	5·269	5·263	5·226	5·185	5·153	5·159	5·155	5·137	5·329
29	5·105	5·082	5·060	5·016	4·991	4·985	4·990	5·008	4·997	5·025	5·035	5·033	5·055	5·069	5·087	5·079	5·083	5·087	5·088	5·097	5·099	5·099	5·122	5·136	5·060
30	5·144	5·160	5·168	5·184	5·198	5·212	5·230	5·254	5·263	5·265	5·276	5·287	5·298	5·305	5·305	5·314	5·319	5·323	5·329	5·336	5·342	5·347	5·344	5·335	5·272
31	5·329	5·318	5·313	5·295	5·300	5·297	5·296	5·282	5·273	5·268	5·265	5·265	5·267	5·270	5·262	5·247	5·233	5·223	5·216	5·196	5·187	5·141	5·130	5·103	5·249
Mean	5·346	5·340	5·335	5·327	5·325	5·329	5·331	5·336	5·337	5·341	5·345	5·349	5·353	5·358	5·358	5·358	5·357	5·356	5·356	5·354	5·355	5·355	5·350	5·345	5·346

BAROMETER. Reduced to 32°. 4407 feet above Sea Level. First figure omitted. JUNE 1892.

	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	5·082	5·039	5·030	5·021	5·016	5·006	5·016	5·029	5·044	5·055	5·062	5·060	5·066	5·057	5·067	5·068	5·068	5·083	5·083	5·099	5·118	5·129	5·133	5·135	5·065
2	5·135	5·127	5·117	5·107	5·093	5·084	5·060	5·039	4·998	4·953	4·896	4·837	4·816	4·783	**4·782**	4·790	4·811	4·829	4·848	4·883	4·910	4·922	4·929	4·938	4·945
3	4·930	4·923	4·933	4·929	4·932	4·938	4·956	4·971	4·998	5·019	5·046	5·054	5·067	5·074	5·081	5·102	5·124	5·139	5·154	5·160	5·165	5·173	5·176	5·183	5·051
4	5·196	5·197	5·203	5·207	5·214	5·231	5·226	5·242	5·254	5·261	5·269	5·261	5·258	5·243	5·230	5·215	5·195	5·176	5·164	5·143	5·126	5·120	5·073	5·066	5·199
5	5·052	5·036	5·038	5·046	5·067	5·082	5·101	5·127	5·151	5·179	5·206	5·237	5·262	5·290	5·306	5·328	5·351	5·370	5·399	5·417	5·432	5·447	5·465	5·480	5·245
6	5·488	5·499	5·504	5·511	5·527	5·538	5·556	5·574	5·588	5·611	5·626	5·644	5·659	5·677	5·683	5·697	5·707	5·729	5·745	5·759	5·771	5·779	5·786	5·792	5·644
7	5·793	5·794	5·795	5·796	5·803	5·807	5·814	5·829	5·835	5·841	5·852	5·861	5·873	5·882	5·882	5·878	5·872	5·876	5·880	5·882	5·887	5·888	5·879	5·874	5·849
8	5·866	5·861	5·853	5·854	5·852	5·855	5·861	5·870	5·875	5·881	5·885	**5·893**	**5·893**	5·888	5·882	5·876	5·874	5·874	5·877	5·875	5·876	5·877	5·869	5·860	5·872
9	5·855	5·846	5·834	5·832	5·826	5·827	5·828	5·828	5·825	5·819	5·815	5·811	5·808	5·797	5·780	5·767	5·746	5·733	5·726	5·716	5·709	5·692	5·673	5·658	5·781
10	5·642	5·618	5·600	5·572	5·566	5·558	5·551	5·545	5·529	5·525	5·510	5·501	5·486	5·475	5·456	5·443	5·434	5·419	5·420	5·388	5·387	5·372	5·360	5·351	5·488
11	5·350	5·339	5·332	5·322	5·323	5·322	5·313	5·321	5·330	5·341	5·341	5·360	5·368	5·364	5·362	5·370	5·363	5·370	5·371	5·372	5·376	5·372	5·371	5·370	5·351
12	5·349	5·345	5·332	5·326	5·308	5·305	5·294	5·283	5·313	5·285	5·289	5·301	5·322	5·343	5·363	5·373	5·395	5·416	5·433	5·447	5·456	5·462	5·484	5·489	5·363
13	5·492	5·492	5·500	5·504	5·503	5·510	5·527	5·540	5·544	5·558	5·572	5·572	5·594	5·596	5·606	5·609	5·603	5·607	5·608	5·610	5·620	5·622	5·631	5·628	5·569
14	5·625	5·616	5·613	5·604	5·607	5·615	5·621	5·630	5·634	5·642	5·642	5·639	5·623	5·619	5·612	5·597	5·600	5·594	5·578	5·574	5·566	5·560	5·553	5·546	5·605
15	5·534	5·515	5·510	5·502	5·503	5·501	5·496	5·496	5·494	5·490	5·481	5·472	5·466	5·462	5·441	5·435	5·415	5·388	5·381	5·377	5·367	5·365	5·360	5·356	5·450
16	5·345	5·342	5·331	5·322	5·321	5·324	5·324	5·332	5·340	5·340	5·339	5·343	5·337	5·337	5·345	5·339	5·337	5·338	5·336	5·336	5·326	5·326	5·317	5·312	5·337
17	5·299	5·291	5·285	5·285	5·284	5·280	5·285	5·297	5·305	5·319	5·331	5·340	5·344	5·369	5·384	5·403	5·405	5·415	5·435	5·437	5·443	5·436	5·433	5·421	5·355
18	5·406	5·402	5·396	5·387	5·388	5·389	5·387	5·384	5·383	5·380	5·384	5·380	5·377	5·379	5·370	5·363	5·357	5·348	5·343	5·350	5·351	5·346	5·347	5·345	5·373
19	5·333	5·328	5·322	5·315	5·306	5·306	5·301	5·300	5·303	5·301	5·304	5·304	5·300	5·291	5·286	5·280	5·263	5·259	5·257	5·245	5·252	5·252	5·244	5·236	5·287
20	5·230	5·219	5·215	5·207	5·213	5·209	5·217	5·224	5·232	5·246	5·252	5·269	5·274	5·281	5·288	5·291	5·294	5·295	5·300	5·313	5·321	5·322	5·325	5·329	5·265
21	5·331	5·325	5·321	5·322	5·328	5·334	5·334	5·342	5·353	5·361	5·363	5·372	5·380	5·379	5·380	5·379	5·374	5·374	5·376	5·375	5·378	5·379	5·379	5·369	5·359
22	5·356	5·349	5·339	5·329	5·325	5·328	5·327	5·330	5·327	5·330	5·327	5·328	5·324	5·325	5·318	5·314	5·306	5·296	5·298	5·297	5·301	5·296	5·291	5·281	5·318
23	5·267	5·251	5·244	5·234	5·225	5·217	5·225	5·231	5·233	5·237	5·237	5·238	5·244	5·244	5·249	5·251	5·260	5·275	5·285	5·296	5·305	5·306	5·314	5·316	5·298
24	5·316	5·318	5·316	5·314	5·318	5·328	5·335	5·350	5·362	5·370	5·379	5·394	5·400	5·401	5·411	5·412	5·419	5·417	5·420	5·421	5·417	5·419	5·405	5·399	5·377
25	5·391	5·376	5·359	5·352	5·350	5·334	5·324	5·316	5·298	5·257	5·231	5·205	5·179	5·124	5·094	5·085	5·117	5·127	5·125	5·124	5·139	5·142	5·146	5·132	5·222
26	5·146	5·150	5·154	5·179	5·197	5·207	5·228	5·227	5·219	5·219	5·219	5·232	5·247	5·243	5·243	5·242	5·229	5·224	5·231	5·247	5·250	5·253	5·248	5·234	5·220
27	5·223	5·214	5·219	5·216	5·213	5·216	5·222	5·229	5·234	5·238	5·242	5·254	5·279	5·300	5·309	5·332	5·346	5·371	5·408	5·410	5·418	5·428	5·437	5·451	5·300
28	5·461	5·477	5·484	5·497	5·520	5·535	5·559	5·571	5·581	5·597	5·612	5·620	5·628	5·636	5·642	5·642	5·645	5·641	5·637	5·634	5·628	5·627	5·615	5·596	5·587
29	5·593	5·583	5·571	5·571	5·570	5·571	5·577	5·582	5·584	5·593	5·599	5·601	5·609	5·614	5·615	5·622	5·622	5·617	5·622	5·620	5·621	5·621	5·619	5·615	5·600
30	5·613	5·608	5·600	5·596	5·587	5·583	5·574	5·579	5·581	5·575	5·570	5·569	5·567	5·555	5·547	5·548	5·545	5·552	5·552	5·550	5·546	5·542	5·544	5·545	5·568
Mean	5·390	5·383	5·378	5·375	5·376	5·378	5·381	5·387	5·391	5·394	5·396	5·398	5·402	5·401	5·400	5·402	5·403	5·405	5·410	5·412	5·415	5·416	5·414	5·410	5·398

BAROMETER. REDUCED TO 32° AND SEA LEVEL. FIRST FIGURE OMITTED. MAY 1892.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	0·006	9·988	9·977	9·960	9·948	9·947	9·937	9·929	9·916	9·910	9·898	9·884	9·872	9·854	9·839	9·828	9·819	9·822	9·834	9·855	9·869	9·876	9·886	9·895	9·898
2	9·904	9·928	9·941	9·963	9·979	0·001	0·012	0·017	0·023	0·016	0·029	0·030	0·038	0·063	0·088	0·098	0·108	0·141	0·160	0·182	0·201	0·202	0·206	0·194	0·064
3	0·192	0·176	0·169	0·160	0·151	0·143	0·142	0·134	0·126	0·122	0·114	0·107	0·100	0·093	0·085	0·081	0·083	0·095	0·099	0·115	0·113	0·129	0·113	0·105	0·123
4	0·107	0·089	0·119	0·119	0·123	0·125	0·125	0·130	0·121	0·132	0·114	0·113	0·102	0·090	0·091	0·099	0·087	0·086	0·085	0·092	0·105	0·112	0·118	0·113	0·108
5	0·105	0·103	0·103	0·099	0·098	0·102	0·103	0·101	0·103	0·098	0·098	0·110	0·114	0·117	0·119	0·117	0·116	0·132	0·154	0·186	0·208	0·218	0·231	0·234	0·132
6	0·240	0·246	0·245	0·256	0·266	0·278	0·271	0·266	0·270	0·260	0·253	0·252	0·238	0·227	0·215	0·214	0·205	0·199	0·190	0·187	0·187	0·174	0·163	0·151	0·227
7	0·133	0·121	0·097	0·079	0·057	0·053	0·037	0·024	0·018	0·007	0·003	0·001	0·003	0·004	0·001	0·006	0·001	0·012	0·019	0·035	0·041	0·050	0·055	0·063	0·038
8	0·064	0·066	0·062	0·072	0·075	0·086	0·089	0·085	0·085	0·078	0·079	0·077	0·077	0·084	0·072	0·070	0·073	0·077	0·080	0·081	0·089	0·087	0·087	0·088	0·078
9	0·090	0·094	0·096	0·097	0·099	0·111	0·114	0·122	0·133	0·139	0·140	0·139	0·143	0·148	0·142	0·144	0·150	0·154	0·163	0·173	0·181	0·195	0·201	0·209	0·141
10	0·213	0·221	0·223	0·236	0·241	0·252	0·254	0·251	0·246	0·236	0·231	0·225	0·226	0·227	0·222	0·218	0·218	0·234	0·242	0·263	0·280	0·304	0·322	0·329	0·246
11	0·351	0·359	0·359	0·372	0·376	0·394	0·403	0·415	0·418	0·425	0·412	0·397	0·390	0·389	0·386	0·389	0·383	0·379	0·385	0·387	0·402	0·422	0·429	0·437	0·394
12	0·434	0·441	**0·442**	0·439	0·439	**0·442**	0·435	0·423	0·406	0·389	0·367	0·350	0·335	0·324	0·295	0·275	0·265	0·265	0·255	0·256	0·245	0·235	0·227	0·214	0·342
13	0·189	0·170	0·160	0·147	0·135	0·126	0·117	0·119	0·099	0·085	0·072	0·057	0·054	0·034	0·027	0·012	0·010	9·994	9·974	9·960	9·941	9·921	9·897	9·867	0·049
14	9·844	9·825	9·813	9·832	9·852	9·856	9·858	9·864	9·870	9·876	9·866	9·868	9·866	9·867	9·862	9·857	9·843	9·835	9·825	9·823	9·822	9·811	9·777	9·746	9·840
15	9·708	9·667	9·616	9·583	9·549	9·551	9·532	9·556	9·550	9·552	9·556	9·557	9·563	9·554	9·549	9·540	9·543	9·537	9·532	9·523	9·517	9·503	9·492	9·474	9·554
16	9·465	9·418	9·371	9·329	9·305	9·289	9·279	9·282	9·281	**9·277**	9·280	9·289	9·311	9·335	9·370	9·425	9·465	9·505	9·538	9·575	9·605	9·636	9·657	9·683	9·415
17	9·707	9·740	9·756	9·781	9·819	9·847	9·872	9·895	9·903	9·923	9·937	9·947	9·941	9·946	9·948	9·957	9·961	9·967	9·981	9·989	0·001	0·009	0·001	9·995	9·909
18	9·984	9·977	9·961	9·941	9·921	9·900	9·876	9·841	9·806	9·769	9·753	9·740	9·728	9·728	9·724	9·728	9·739	9·745	9·747	9·755	9·749	9·747	9·740	9·741	9·806
19	9·735	9·738	9·745	9·761	9·774	9·788	9·800	9·817	9·825	9·837	9·847	9·854	9·855	9·857	9·848	9·845	9·819	9·798	9·788	9·746	9·710	9·670	9·650	9·634	9·781
20	9·602	9·576	9·572	9·560	9·552	9·562	9·570	9·586	9·610	9·654	9·686	9·719	9·762	9·823	9·865	9·893	9·920	9·944	9·957	9·968	9·981	9·986	9·989	9·986	9·763
21	9·973	9·973	9·966	9·956	9·942	9·935	9·914	9·891	9·864	9·838	9·830	9·826	9·831	9·829	9·848	9·847	9·844	9·848	9·855	9·871	9·885	9·897	9·916	9·937	9·888
22	9·943	9·954	9·962	9·959	9·964	9·971	9·968	9·972	9·970	9·965	9·952	9·938	9·929	9·929	9·915	9·904	9·888	9·880	9·857	9·836	9·822	9·811	9·789	9·774	9·911
23	9·748	9·740	9·718	9·696	9·690	9·695	9·705	9·708	9·709	9·706	9·707	9·697	9·688	9·686	9·674	9·663	9·648	9·631	9·620	9·605	9·600	9·606	9·598	9·585	9·672
24	9·576	9·557	9·521	9·507	9·500	9·517	9·524	9·533	9·526	9·549	9·556	9·596	9·625	9·651	9·657	9·667	9·686	9·698	9·705	9·724	9·748	9·751	9·743	9·753	9·620
25	9·755	9·741	9·731	9·716	9·712	9·740	9·693	9·676	9·661	9·636	9·607	9·598	9·580	9·567	9·568	9·575	9·584	9·620	9·641	9·669	9·694	9·721	9·734	9·746	9·664
26	9·765	9·764	9·768	9·778	9·790	9·804	9·810	9·817	9·806	9·812	9·829	9·826	9·813	9·810	9·794	9·792	9·779	9·777	9·762	9·760	9·779	9·750	9·756	9·744	9·787
27	9·730	9·726	9·717	9·716	9·712	9·720	9·713	9·728	9·747	9·759	9·763	9·770	9·777	9·788	9·794	9·807	9·821	9·834	9·847	9·870	9·883	9·902	9·912	9·924	9·790
28	9·924	9·931	9·926	9·923	9·928	9·937	9·937	9·934	9·920	9·896	9·868	9·830	9·813	9·797	9·788	9·784	9·772	9·746	9·718	9·660	9·636	9·633	9·613	9·584	9·812
29	9·545	9·543	9·495	9·493	9·464	9·434	9·461	9·500	9·519	9·539	9·557	9·581	9·589	9·590	9·589	9·574	9·596	9·605	9·612	9·622	9·642	9·653	9·667	9·681	9·565
30	9·699	9·716	9·721	9·727	9·744	9·760	9·772	9·791	9·787	9·791	9·793	9·789	9·788	9·794	9·789	9·793	9·794	9·802	9·812	9·818	9·837	9·838	9·838	9·834	9·784
31	9·825	9·820	9·805	9·792	9·796	9·801	9·799	9·784	9·769	9·749	9·732	9·735	9·733	9·735	9·717	9·716	9·689	9·670	9·661	9·633	9·618	9·585	9·563	9·549	9·720
MEAN.	9·921	9·916	9·908	9·905	9·903	9·909	9·907	9·909	9·906	9·904	9·901	9·900	9·900	9·901	9·899	9·901	9·900	9·904	9·906	9·910	9·916	9·917	9·915	9·912	9·907

BAROMETER. REDUCED TO 32° AND SEA LEVEL. FIRST FIGURE OMITTED. JUNE 1892.

	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	9·513	9·492	9·464	9·453	9·465	9·485	9·508	9·532	9·542	9·541	9·533	9·524	9·532	9·527	9·526	9·524	9·534	9·559	9·574	9·602	9·635	9·651	9·658	9·659	9·543
2	9·656	9·659	9·642	9·641	9·621	9·598	9·570	9·535	9·505	9·451	9·395	9·329	9·274	9·227	**9·208**	9·217	9·250	9·306	9·338	9·395	9·416	9·437	9·453	9·467	9·441
3	9·462	9·467	9·460	9·465	9·470	9·474	9·504	9·526	9·553	9·570	9·591	9·599	9·601	9·610	9·615	9·620	9·643	9·674	9·682	9·698	9·710	9·716	9·724	9·738	9·591
4	9·746	9·755	9·760	9·770	9·778	9·793	9·794	9·803	9·802	9·809	9·805	9·786	9·772	9·771	9·741	9·727	9·705	9·683	9·671	9·653	9·644	9·617	9·591	9·579	9·731
5	9·559	9·548	9·542	9·543	9·558	9·576	9·593	9·613	9·635	9·659	9·681	9·714	9·746	9·778	9·792	9·809	9·829	9·856	9·889	9·910	9·935	9·968	9·986	0·010	9·739
6	0·025	0·044	0·058	0·075	0·089	0·105	0·125	0·139	0·152	0·163	0·186	0·201	0·206	0·215	0·226	0·235	0·238	0·267	0·280	0·297	0·306	0·312	0·321	0·325	0·191
7	0·329	0·334	0·334	0·338	0·347	0·358	0·364	0·373	0·373	0·370	0·374	0·379	**0·382**	0·380	0·365	0·350	0·345	0·351	0·353	0·362	0·372	0·375	0·373	0·376	0·361
8	0·368	0·368	0·365	0·369	0·370	0·378	0·376	0·378	0·368	0·367	0·362	0·364	0·360	0·353	0·338	0·330	0·325	0·323	0·329	0·332	0·339	0·342	0·339	0·337	0·353
9	0·331	0·327	0·317	0·315	0·311	0·316	0·313	0·305	0·294	0·286	0·265	0·254	0·238	0·221	0·203	0·186	0·170	0·163	0·151	0·149	0·150	0·138	0·129	0·122	0·236
10	0·110	0·095	0·081	0·064	0·064	0·064	0·068	0·066	0·065	0·053	0·047	0·045	0·028	0·019	9·997	9·990	9·967	9·972	9·970	9·974	9·960	9·955	9·949	9·944	0·023
11	9·943	9·938	9·928	9·921	9·921	9·928	9·927	9·928	9·931	9·939	9·922	9·931	9·935	9·937	9·937	9·940	9·935	9·942	9·942	9·951	9·959	9·968	9·968	9·967	9·939
12	9·962	9·957	9·951	9·950	9·933	9·926	9·902	9·895	9·910	9·916	9·915	9·920	9·946	9·967	9·971	0·000	0·018	0·048	0·064	0·087	0·107	0·123	0·135	0·146	9·990
13	0·151	0·161	0·170	0·179	0·182	0·190	0·210	0·209	0·205	0·215	0·212	0·215	0·213	0·214	0·210	0·213	0·209	0·219	0·228	0·242	0·266	0·284	0·292	0·298	0·216
14	0·295	0·300	0·298	0·302	0·304	0·315	0·311	0·297	0·283	0·273	0·257	0·252	0·227	0·221	0·212	0·196	0·190	0·193	0·187	0·186	0·177	0·173	0·165	0·159	0·241
15	0·149	0·125	0·115	0·112	0·105	0·092	0·083	0·072	0·064	0·056	0·036	0·030	0·015	0·002	9·987	9·973	9·952	9·939	9·924	9·913	9·900	9·890	9·887	9·888	0·013
16	9·888	9·909	9·909	9·912	9·922	9·939	9·946	9·950	9·946	9·947	9·935	9·931	9·927	9·924	9·920	9·920	9·925	9·932	9·932	9·939	9·943	9·955	9·951	9·947	9·931
17	9·934	9·929	9·925	9·915	9·902	9·897	9·902	9·906	9·901	9·911	9·925	9·943	9·950	9·969	9·983	9·990	9·994	0·012	0·024	0·031	0·029	0·033	0·036	0·030	9·961
18	0·023	0·017	0·008	0·001	9·991	9·995	9·989	9·987	9·980	9·968	9·963	9·956	9·942	9·931	9·912	9·924	9·924	9·920	9·915	9·922	9·927	9·925	9·928	9·924	9·957
19	9·919	9·910	9·903	9·895	9·883	9·881	9·873	9·871	9·861	9·847	9·844	9·842	9·826	9·813	9·807	9·801	9·792	9·787	9·776	9·776	9·775	9·773	9·762	9·765	9·833
20	9·762	9·757	9·748	9·749	9·748	9·753	9·760	9·765	9·768	9·772	9·771	9·779	9·778	9·784	9·778	9·783	9·781	9·789	9·798	9·819	9·839	9·852	9·858	9·868	9·786
21	9·867	9·870	9·867	9·876	9·882	9·884	9·882	9·886	9·888	9·892	9·880	9·878	9·870	9·866	9·860	9·852	9·846	9·853	9·851	9·859	9·866	9·869	9·868	9·862	9·870
22	9·860	9·857	9·854	9·845	9·840	9·844	9·843	9·846	9·850	9·852	9·847	9·843	9·833	9·826	9·807	9·792	9·775	9·768	9·765	9·767	9·774	9·766	9·767	9·763	9·816
23	9·749	9·738	9·724	9·720	9·710	9·710	9·714	9·722	9·722	9·715	9·705	9·694	9·686	9·691	9·707	9·724	9·716	9·731	97 43	9·763	9·777	9·795	9·803	9·812	9·732
24	9·814	9·821	9·824	9·835	9·845	9·865	9·874	9·890	9·896	9·892	9·892	9·896	9·893	9·896	9·895	9·896	9·897	9·896	98 98	9·910	9·915	9·930	9·931	9·928	9·885
25	9·918	9·904	9·879	9·875	9·864	9·852	9·835	9·809	9·779	9·768	9·757	9·738	9·693	9·665	9·621	9·606	9·597	9·583	9·583	9·585	9·594	9·600	9·608	9·604	9·722
26	9·627	9·642	9·653	9·683	9·688	9·712	9·719	9·714	9·709	9·703	9·696	9·697	9·697	9·690	9·686	9·675	9·661	9·659	9·662	9·678	9·694	9·709	9·713	9·709	9·687
27	9·703	9·696	9·704	9·711	9·704	9·721	9·733	9·732	9·736	9·754	9·765	9·784	9·790	9·819	9·839	9·851	9·876	9·905	9·914	9·934	9·970	9·994	0·006	0·020	9·819
28	0·028	0·047	0·056	0·078	0·098	0·122	0·137	0·159	0·167	0·175	0·179	0·186	0·182	0·187	0·186	0·184	0·182	0·177	0·178	0·177	0·176	0·173	0·158	0·149	0·148
29	0·147	0·145	0·134	0·138	0·132	0·132	0·133	0·134	0·129	0·127	0·130	0·130	0·131	0·138	0·136	0·144	0·152	0·160	0·168	0·181	0·188	0·193	0·196	0·198	0·150
30	0·192	0·187	0·181	0·170	0·161	0·160	0·157	0·157	0·153	0·144	0·131	0·125	0·113	0·113	0·100	0·095	0·086	0·086	0·096	0·099	0·105	0·112	0·109	0·115	0·131
MEAN.	9·934	9·933	9·928	9·930	9·930	9·936	9·938	9·940	9·939	9·938	9·933	9·932	9·926	9·925	9·919	9·918	9·917	9·925	9·930	9·940	9·948	9·954	9·955	9·957	9·934

BAROMETER. Reduced to 32°. 4407 feet above Sea Level. First figure omitted. JULY 1892.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	5·541	5·524	5·520	5·517	5·503	5·501	5·506	5·513	5·514	5·515	5·524	5·530	5·533	5·533	5·540	5·542	5·540	5·549	5·548	5·547	5·547	5·547	5·540	5·535	5·530
2	5·533	5·520	5·513	5·501	5·493	5·479	5·469	5·461	5·438	5·413	5·405	5·403	5·379	5·366	5·359	5·344	5·322	5·301	5·286	5·293	5·289	5·293	5·288	5·269	5·392
3	5·263	5·256	5·242	5·236	5·237	5·236	5·231	5·224	5·225	5·216	5·217	5·212	5·211	5·208	5·206	5·203	5·204	5·205	5·201	5·202	5·202	5·206	5·203	5·198	5·218
4	5·195	4·194	5·191	5·190	5·189	5·194	5·214	5·221	5·240	5·257	5·270	5·281	5·288	5·299	5·305	5·306	5·302	5·290	5·271	5·254	5·254	5·219	5·213	5·189	5·243
5	5·159	5·125	5·095	5·053	5·035	4·988	4·966	4·971	4·970	4·982	5·030	5·049	5·060	5·063	5·072	5·079	5·076	5·081	5·086	5·095	5·097	5·105	5·120	5·128	5·062
6	5·114	5·109	5·106	5·103	5·101	5·108	5·109	5·109	5·096	5·078	5·062	5·028	4·995	4·924	4·871	4·823	4·805	4·747	4·762	4·751	4·758	4·756	4·747	4·740	4·950
7	4·734	4·719	4·703	**4·686**	4·688	4·708	4·719	4·736	4·753	4·792	4·821	4·838	4·868	4·891	4·895	4·909	4·912	4·909	4·897	4·901	4·885	4·872	4·877	4·882	4·812
8	4·878	4·896	4·920	4·930	4·947	4·977	4·991	5·028	5·037	5·054	5·068	5·096	5·119	5·130	5·150	5·171	5·174	5·198	5·209	5·221	5·231	5·244	5·251	5·262	5·091
9	5·266	5·277	5·283	5·301	5·311	5·325	5·333	5·343	5·346	5·352	5·360	5·370	5·381	5·381	5·381	5·378	5·375	5·382	5·386	5·393	5·402	5·406	5·416	5·421	5·357
10	5·429	5·437	5·448	5·460	5·474	5·486	5·492	5·508	5·522	5·527	5·536	5·540	5·546	5·555	5·560	5·566	5·575	5·568	5·565	5·562	5·552	5·554	5·548	5·542	5·523
11	5·532	5·523	5·520	5·515	5·512	5·516	5·512	5·508	5·494	5·496	5·498	5·496	5·498	5·495	5·480	5·472	5·463	5·454	5·446	5·441	5·437	5·422	5·405	5·393	5·480
12	5·377	5·364	5·360	5·353	5·347	5·350	5·347	5·352	5·347	5·330	5·336	5·342	5·342	5·347	5·324	5·312	5·314	5·312	5·297	5·296	5·299	5·294	5·289	5·292	5·330
13	5·290	5·289	5·285	5·288	5·284	5·285	5·287	5·294	5·300	5·299	5·305	5·316	5·334	5·334	5·345	5·350	5·351	5·360	5·364	5·377	5·390	5·400	5·402	5·407	5·331
14	5·406	5·408	5·407	5·412	5·414	5·415	5·419	5·422	5·433	5·433	5·430	5·438	5·446	5·459	5·465	5·453	5·455	5·456	5·455	5·461	5·467	5·462	5·469	5·467	5·440
15	5·471	5·467	5·463	5·468	5·466	5·471	5·473	5·480	5·484	5·480	5·485	5·488	5·502	5·501	5·499	5·491	5·490	5·488	5·479	5·482	5·489	5·488	5·487	5·473	5·482
16	5·461	5·451	5·440	5·437	5·433	5·431	5·434	5·434	5·435	5·436	5·436	5·443	5·444	5·449	5·445	5·440	5·435	5·434	5·434	5·440	5·445	5·438	5·438	5·436	5·440
17	5·424	5·417	5·401	5·403	5·384	5·386	5·389	5·393	5·407	5·405	5·414	5·420	5·428	5·430	5·425	5·439	5·434	5·436	5·431	5·428	5·425	5·427	5·424	5·417	5·416
18	5·415	5·397	5·384	5·381	5·375	5·374	5·376	5·380	5·388	5·387	5·399	5·412	5·423	5·431	5·434	5·438	5·440	5·438	5·435	5·437	5·434	5·426	5·416	5·393	5·409
19	5·362	5·334	5·290	5·232	5·197	5·162	5·100	5·048	5·007	4·989	4·993	5·010	5·122	5·128	5·149	5·195	5·242	5·311	5·364	5·373	5·408	5·442	5·461	5·475	5·225
20	5·501	5·502	5·492	5·533	5·557	5·562	5·585	5·614	5·625	5·625	5·631	5·648	5·657	5·671	5·686	5·683	5·685	5·688	5·689	5·698	5·704	5·707	5·704	5·696	5·631
21	5·681	5·673	5·661	5·660	5·659	5·663	5·667	5·669	5·676	5·673	5·675	5·679	5·677	5·678	5·679	5·677	5·678	5·679	5·674	5·681	5·688	5·686	5·678	5·674	5·674
22	5·671	5·665	5·660	5·663	5·666	5·670	5·678	5·684	5·693	5·687	5·698	5·697	5·703	5·710	5·708	5·710	5·707	5·706	5·708	5·708	5·709	5·709	5·712	5·715	5·693
23	5·716	5·708	5·706	5·702	5·716	5·726	5·723	5·737	5·757	5·763	5·777	5·790	5·795	5·799	5·807	5·813	5·814	5·816	5·819	5·824	5·833	5·833	5·828	5·825	5·776
24	5·814	5·809	5·806	5·805	5·806	5·815	5·819	5·821	5·829	5·828	5·830	5·828	5·829	5·829	5·827	5·826	5·823	5·820	5·818	5·821	5·831	5·825	5·822	5·811	5·820
25	5·801	5·792	5·789	5·786	5·781	5·776	5·780	5·780	5·781	5·782	5·788	5·782	5·795	5·796	5·800	5·792	5·801	5·791	5·792	5·794	5·790	5·788	5·786	5·789	5·789
26	5·788	5·782	5·782	5·778	5·779	5·779	5·780	5·781	5·785	5·791	5·796	5·805	5·817	5·812	5·800	5·811	5·808	5·809	5·816	5·822	5·826	5·836	5·836	5·832	5·802
27	5·826	5·820	5·820	5·810	5·809	5·815	5·817	5·816	5·818	5·818	5·820	5·831	5·832	**5·839**	5·835	5·831	5·828	5·832	5·834	5·832	5·838	5·838	**5·839**	5·829	5·826
28	5·829	5·830	5·820	5·813	5·814	5·816	5·810	5·817	5·813	5·813	5·816	5·825	5·831	5·826	5·828	5·823	5·824	5·828	5·828	5·826	5·826	5·826	5·827	5·819	5·822
29	5·815	5·812	5·808	5·802	5·799	5·801	5·798	5·807	5·807	5·814	5·812	5·820	5·816	5·823	5·824	5·815	5·812	5·804	5·812	5·812	5·818	5·817	5·819	5·806	5·811
30	5·800	5·788	5·776	5·763	5·758	5·755	5·750	5·751	5·745	5·734	5·728	5·722	5·712	5·705	5·690	5·648	5·654	5·637	5·626	5·625	5·617	5·612	5·600	5·589	5·699
31	5·574	5·551	5·538	5·526	5·515	5·515	5·517	5·521	5·520	5·525	5·538	5·535	5·546	5·554	5·543	5·530	5·517	5·506	5·508	5·484	5·474	5·468	5·451	5·442	5·517
Mean.	5·473	5·466	5·459	5·455	5·453	5·454	5·455	5·459	5·461	5·461	5·468	5·473	5·482	5·483	5·482	5·480	5·479	5·479	5·479	5·480	5·483	5·482	5·481	5·476	5·471

BAROMETER. Reduced to 32°. 4407 feet above Sea Level. First figure omitted. AUGUST 1892.

	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	5·433	5·433	5·423	5·417	5·418	5·433	5·444	5·479	5·516	5·537	5·538	5·570	5·601	5·612	5·633	5·633	5·634	5·635	5·642	5·642	5·649	5·647	5·638	5·620	5·551
2	5·614	5·603	5·589	5·588	5·584	5·585	5·596	5·600	5·613	5·622	5·627	5·632	5·632	5·633	5·626	5·618	5·607	5·597	5·590	5·583	5·575	5·568	5·561	5·548	5·600
3	5·528	5·513	5·498	5·477	5·477	5·478	5·484	5·483	5·478	5·481	5·479	5·476	5·473	5·485	5·478	5·475	5·477	5·474	5·484	5·477	5·479	5·474	5·473	5·470	5·482
4	5·460	5·465	5·458	5·459	5·458	5·457	5·465	5·478	5·491	5·495	5·503	5·506	5·513	5·513	5·510	5·507	5·502	5·490	5·489	5·483	5·474	5·465	5·453	5·440	5·481
5	5·419	5·398	5·383	5·362	5·349	5·347	5·352	5·334	5·313	5·290	5·280	5·271	5·279	5·272	5·262	5·242	5·219	5·207	5·183	5·190	5·176	5·181	5·169	5·159	5·277
6	5·137	5·107	5·105	5·114	5·103	5·125	5·116	5·133	5·140	5·156	5·174	5·198	5·200	5·212	5·222	5·235	5·249	5·265	5·263	5·276	5·292	5·302	5·316	5·324	5·198
7	5·326	5·314	5·332	5·339	5·348	5·364	5·383	5·398	5·402	5·412	5·418	5·429	5·437	5·437	5·436	5·429	5·430	5·424	5·410	5·403	5·402	5·394	5·383	5·365	5·392
8	5·355	5·331	5·329	5·322	5·310	5·309	5·311	5·317	5·323	5·335	5·340	5·344	5·350	5·367	5·370	5·374	5·380	5·390	5·394	5·411	5·422	5·424	5·432	5·446	5·362
9	5·444	5·448	5·449	5·454	5·462	5·475	5·483	5·500	5·511	5·523	5·551	5·573	5·589	5·599	5·605	5·614	5·623	5·628	5·640	5·648	5·653	**5·661**	5·651	5·658	5·560
10	5·650	5·649	5·639	5·639	5·634	5·624	5·629	5·635	5·639	5·635	5·637	5·643	5·648	5·649	5·642	5·624	5·619	5·605	5·596	5·591	5·582	5·579	5·565	5·555	5·621
11	5·536	5·522	5·523	5·511	5·502	5·494	5·497	5·500	5·500	5·500	5·500	5·501	5·513	5·519	5·510	5·506	5·502	5·499	5·496	5·497	5·499	5·499	5·492	5·489	5·504
12	5·486	5·467	5·464	5·452	5·439	5·431	5·426	5·413	5·399	5·391	5·371	5·361	5·341	5·326	5·298	5·275	5·250	5·239	5·219	5·193	5·181	5·161	5·154	5·123	5·328
13	5·108	5·064	5·058	5·046	5·037	5·037	5·038	5·026	5·020	5·009	5·004	5·004	5·001	4·989	4·967	4·970	4·963	4·955	4·952	4·953	4·955	4·951	4·949	4·929	4·999
14	4·920	4·920	4·925	4·926	4·916	4·919	4·926	4·932	4·932	4·948	4·955	4·987	4·987	5·013	5·018	5·019	5·020	4·998	4·989	4·982	4·975	4·966	4·948	4·922	4·961
15	4·934	4·936	4·942	4·950	4·971	5·003	5·035	5·050	5·062	5·086	5·095	5·117	5·138	5·151	5·170	5·181	5·192	5·211	5·231	5·244	5·280	5·293	5·313	5·323	5·121
16	5·326	5·340	5·344	5·353	5·353	5·361	5·371	5·384	5·400	5·413	5·417	5·426	5·426	5·426	5·419	5·414	5·403	5·404	5·410	5·418	5·415	5·412	5·404	5·402	5·393
17	5·396	5·392	5·388	5·382	5·385	5·388	5·398	5·410	5·425	5·438	5·451	5·464	5·468	5·478	5·482	5·493	5·497	5·497	5·501	5·499	5·497	5·498	5·496	5·584	5·450
18	5·470	5·457	5·448	5·434	5·413	5·401	5·412	5·405	5·393	5·380	5·362	5·341	5·318	5·297	5·285	5·263	5·246	5·232	5·246	5·244	5·243	5·243	5·228	5·222	5·333
19	5·209	5·211	5·211	5·206	5·205	5·207	5·220	5·229	5·241	5·260	5·266	5·269	5·281	5·293	5·297	5·302	5·305	5·311	5·326	5·339	5·357	5·362	5·369	5·372	5·277
20	5·369	5·367	5·372	5·370	5·375	5·386	5·394	5·402	5·408	5·412	5·421	5·422	5·429	5·430	5·422	5·414	5·414	5·414	5·408	5·412	5·397	5·389	5·385	5·389	5·400
21	5·398	5·392	5·387	5·390	5·390	5·385	5·401	5·430	5·444	5·452	5·463	5·470	5·474	5·480	5·486	5·484	5·481	5·479	5·486	5·493	5·496	5·502	5·502	5·502	5·453
22	5·491	5·491	5·486	5·482	5·483	5·482	5·490	5·489	5·488	5·484	5·484	5·480	5·481	5·474	5·458	5·446	5·439	5·435	5·437	5·436	5·428	5·428	5·416	5·410	5·463
23	5·398	5·385	5·376	5·362	5·351	5·361	5·364	5·371	5·373	5·383	5·388	5·394	5·399	5·397	5·387	5·395	5·395	5·395	5·400	5·410	5·406	5·405	5·407	5·402	5·388
24	5·397	5·389	5·378	5·366	5·364	5·354	5·336	5·330	5·324	5·325	5·313	5·309	5·301	5·294	5·287	5·278	5·273	5·270	5·259	5·269	5·269	5·265	5·255	5·245	5·310
25	5·238	5·228	5·222	5·211	5·201	5·198	5·201	5·211	5·211	5·208	5·204	5·207	5·208	5·206	5·205	5·203	5·203	5·195	5·199	5·210	5·213	5·217	5·218	5·218	5·210
26	5·212	5·215	5·223	5·230	5·240	5·255	5·239	5·242	5·245	5·251	5·229	5·230	5·196	5·149	5·141	5·114	5·122	5·109	5·121	5·122	5·121	5·113	5·102	5·090	5·180
27	5·079	5·049	5·017	4·978	4·975	4·977	4·969	4·967	4·967	4·964	4·969	4·972	4·974	4·972	4·974	4·975	4·982	4·977	4·974	4·978	4·980	4·979	4·979	4·973	4·983
28	4·965	4·964	4·954	4·958	4·957	4·970	4·990	4·997	5·006	5·021	5·036	5·048	5·060	5·069	5·083	5·092	5·104	5·110	5·123	5·133	5·138	5·149	5·162	5·164	5·052
29	5·170	5·175	5·174	5·172	5·175	5·180	5·187	5·186	5·173	5·177	5·172	5·159	5·153	5·126	5·117	5·089	5·091	5·090	5·059	5·038	5·029	5·040	5·010	4·992	5·122
30	4·980	4·957	4·939	4·916	4·910	4·916	4·917	4·917	4·919	4·923	4·916	4·919	4·922	4·916	4·901	4·883	4·877	4·877	4·877	4·879	4·876	4·873	4·870	4·875	4·906
31	4·869	4·862	**4·855**	4·860	4·873	4·883	4·895	4·906	4·920	4·941	4·957	4·979	4·992	5·005	5·020	5·024	5·032	5·041	5·050	5·061	5·067	5·077	5·079	5·077	4·972
Mean.	5·301	5·292	5·287	5·281	5·279	5·283	5·289	5·295	5·299	5·305	5·307	5·313	5·316	5·316	5·313	5·309	5·307	5·305	5·305	5·307	5·307	5·307	5·303	5·297	5·301

BAROMETER. REDUCED TO 32° AND SEA LEVEL. FIRST FIGURE OMITTED. JULY 1892.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	0·106	0·098	0·082	0·079	0·080	0·070	0·073	0·076	0·085	0·097	0·088	0·101	0·092	0·098	0·096	0·097	0·094	0·106	0·102	0·108	0·110	0·116	0·108	0·102	0·094
2	0·092	0·078	0·071	0·054	0·036	0·022	9·997	9·989	9·967	9·932	9·910	9·893	9·857	9·839	9·816	9·797	9·771	9·753	9·738	9·742	9·738	9·734	9·726	9·714	9·886
3	9·707	9·693	9·677	9·674	9·666	9·667	9·663	9·657	9·655	9·660	9·662	9·663	9·653	9·647	9·644	9·640	9·636	9·638	9·637	9·644	9·646	9·657	9·659	9·658	9·658
4	9·662	9·673	9·684	9·694	9·709	9·721	9·740	9·756	9·772	9·781	9·794	9·801	9·803	9·807	9·813	9·821	9·807	9·808	9·803	9·790	9·760	9·720	9·696	9·673	9·754
5	9·631	9·596	9·556	9·495	9·470	9·442	9·435	9·433	9·439	9·463	9·500	9·542	9·544	9·544	9·554	9·564	9·571	9·579	9·595	9·597	9·616	9·625	9·639	9·642	9·545
6	9·633	9·626	9·634	9·624	9·624	9·620	9·617	9·609	9·603	9·586	9·557	9·516	9·460	9·401	9·321	9·254	9·202	9·173	9·155	9·159	9·160	9·160	9·154	9·146	9·416
7	9·136	9·135	9·115	**9·103**	**9·103**	9·120	9·142	9·180	9·207	9·248	9·295	9·323	9·341	9·351	9·351	9·374	9·372	9·361	9·360	9·363	9·354	9·348	9·342	9·347	9·265
8	9·369	9·386	9·396	9·415	9·440	9·480	9·499	9·520	9·534	9·561	9·579	9·598	9·619	9·636	9·647	9·676	9·683	9·706	9·718	9·730	9·747	9·759	9·776	9·792	9·594
9	9·793	9·804	9·806	9·817	9·830	9·849	9·860	9·870	9·874	9·881	9·883	9·895	9·900	9·898	9·891	9·888	9·889	9·904	9·910	9·918	9·930	9·936	9·942	9·956	9·880
10	9·970	9·983	9·998	0·010	0·027	0·039	0·044	0·055	0·060	0·057	0·058	0·060	0·052	0·051	0·048	0·047	0·042	0·049	0·046	0·049	0·053	0·059	0·061	0·057	0·040
11	0·050	0·042	0·033	0·035	0·031	0·029	0·016	0·004	9·993	9·974	9·965	9·956	9·944	9·931	9·914	9·898	9·893	9·892	9·889	9·890	9·894	9·899	9·887	9·878	9·956
12	9·866	9·867	9·867	9·879	9·877	9·880	9·869	9·866	9·848	9·829	9·817	9·803	9·794	9·792	9·775	9·767	9·770	9·783	9·787	9·802	9·811	9·819	9·813	9·816	9·825
13	9·814	9·812	9·807	9·808	9·807	9·812	9·806	9·813	9·809	9·806	9·810	9·814	9·809	9·812	9·810	9·817	9·821	9·834	9·847	9·870	9·895	9·911	9·924	9·932	9·834
14	9·931	9·941	9·939	9·947	9·950	9·957	9·965	9·972	9·977	9·975	9·966	9·970	9·969	9·971	9·966	9·957	9·951	9·954	9·958	9·971	9·985	9·988	0·001	0·012	9·966
15	0·016	0·016	0·016	0·022	0·023	0·027	0·026	0·031	0·034	0·030	0·024	0·022	0·020	0·017	0·013	0·005	0·004	0·005	0·010	0·019	0·027	0·032	0·032	0·027	0·021
16	0·019	0·015	0·007	0·006	0·008	0·007	0·008	0·004	0·000	9·993	9·989	9·989	9·987	9·987	9·982	9·984	9·980	9·977	9·977	9·984	9·992	9·992	9·995	9·999	9·995
17	9·990	9·985	9·975	9·966	9·963	9·964	9·968	9·972	9·976	9·970	9·973	9·964	9·953	9·944	4·943	9·936	9·928	9·931	9·928	9·936	9·944	9·955	9·961	9·961	9·958
18	9·961	9·947	9·937	9·937	9·939	9·938	9·943	9·949	9·950	9·956	9·948	9·947	9·945	9·953	9·956	9·962	9·971	9·969	9·963	9·971	9·965	9·951	9·941	9·915	9·951
19	9·880	9·840	9·792	9·728	9·683	9·633	9·663	9·528	9·487	9·473	9·485	9·522	9·573	9·632	9·678	9·740	9·787	9·860	9·918	9·946	9·974	0·018	0·037	0·054	9·743
20	0·072	0·075	0·092	0·108	0·132	0·147	0·176	0·196	0·202	0·210	0·205	0·221	0·212	0·204	0·208	0·204	0·210	0·216	0·220	0·235	0·245	0·253	0·256	0·250	0·190
21	0·245	0·244	0·237	0·235	0·227	0·232	0·232	0·241	0·239	0·233	0·215	0·213	0·203	0·201	0·193	0·185	0·185	0·191	0·187	0·195	0·203	0·200	0·199	0·105	0·215
22	0·209	0·213	0·208	0·214	0·217	0·226	0·230	0·244	0·243	0·241	0·242	0·240	0·245	0·252	0·248	0·248	0·248	0·252	0·259	0·265	0·272	0·273	0·275	0·274	0·243
23	0·276	0·271	0·273	0·279	0·288	0·294	0·295	0·307	0·309	0·317	0·313	0·313	0·303	0·305	0·302	0·299	0·301	0·300	0·307	0·321	0·336	0·347	0·351	0·354	0·307
24	0·352	0·350	0·346	0·354	0·356	0·376	0·376	0·382	**0·388**	0·382	0·362	0·356	0·349	0·348	0·338	0·337	0·328	0·329	0·334	0·344	0·348	0·352	0·359	0·353	0·354
25	0·349	0·348	0·343	0·341	0·337	0·342	0·343	0·343	0·334	0·330	0·326	0·312	0·304	0·288	0·282	0·274	0·266	0·268	0·268	0·282	0·292	0·294	0·298	0·306	0·311
26	0·309	0·307	0·306	0·307	0·305	0·307	0·305	0·312	0·308	0·302	0·288	0·289	0·281	0·270	0·269	0·271	0·266	0·273	0·283	0·295	0·303	0·331	0·335	0·347	0·299
27	0·347	0·348	0·345	0·349	0·351	0·355	0·352	0·357	0·353	0·352	0·351	0·349	0·343	0·336	0·319	0·305	0·306	0·311	0·321	0·329	0·343	0·351	0·357	0·360	0·341
28	0·361	0·372	0·368	0·365	0·363	0·370	0·363	0·363	0·353	0·347	0·340	0·335	0·318	0·303	0·291	0·281	0·279	0·287	0·287	0·292	0·299	0·311	0·320	0·321	0·328
29	0·321	0·324	0·323	0·320	0·320	0·321	0·321	0·321	0·313	0·314	0·298	0·282	0·267	0·264	0·264	0·257	0·251	0·251	0·255	0·260	0·275	0·289	0·297	0·299	0·292
30	0·295	0·285	0·279	0·271	0·269	0·264	0·259	0·271	0·261	0·256	0·231	0·222	0·204	0·196	0·181	0·158	0·144	0·130	0·114	0·109	0·092	0·086	0·086	0·066	0·197
31	0·046	0·034	0·022	0·020	0·010	0·012	0·020	0·012	0·023	0·014	0·019	0·006	0·010	0·017	0·008	9·998	9·986	9·983	9·985	9·968	9·958	9·949	9·934	9·934	9·996
MEAN.	9·994	9·991	9·985	9·982	9·982	9·985	9·987	9·988	9·987	9·986	9·984	9·984	9·979	9·977	9·972	9·969	9·966	9·970	9·973	9·980	9·986	9·991	9·992	9·989	9·982

BAROMETER. REDUCED TO 32° AND SEA LEVEL. FIRST FIGURE OMITTED. AUGUST 1892.

	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	9·916	9·919	9·915	9·910	9·918	9·938	9·956	9·983	0·013	0·046	0·053	0·071	0·088	0·100	0·116	0·123	0·120	0·127	0·127	0·139	0·149	0·154	0·155	0·138	0·049
2	0·139	0·138	0·124	0·122	0·128	0·130	0·134	0·138	0·139	0·139	0·130	0·125	0·117	0·116	0·104	0·111	0·108	0·104	0·097	0·096	0·088	0·084	0·071	0·052	0·114
3	0·048	0·044	0·032	0·034	0·034	0·033	0·032	0·030	0·026	0·020	0·014	0·011	0·005	0·009	0·008	0·020	0·030	0·038	0·041	0·051	0·060	0·073	0·070	0·077	0·035
4	0·077	0·079	0·075	0·077	0·072	0·077	0·080	0·078	0·081	0·079	0·077	0·069	0·065	0·062	0·049	0·047	0·041	0·039	0·034	0·026	0·015	0·007	9·997	9·980	0·053
5	9·947	9·921	9·891	9·872	9·849	9·847	9·837	9·827	9·787	9·771	9·752	9·746	9·759	9·738	9·718	9·707	9·685	9·667	9·654	9·655	9·646	9·650	9·645	9·637	9·758
6	9·620	9·597	9·595	9·596	9·601	9·603	9·620	9·639	9·655	9·677	9·674	9·696	9·714	9·706	9·732	9·743	9·765	9·784	9·799	9·811	9·825	9·837	9·845	9·859	9·708
7	9·868	9·869	9·868	9·881	9·889	9·911	9·924	9·938	9·941	9·941	9·932	9·940	9·932	9·928	9·920	9·905	9·903	9·902	9·893	9·896	9·895	9·892	9·881	9·873	9·906
8	9·861	9·849	9·837	9·841	9·840	9·844	9·851	9·854	9·865	9·873	9·872	9·882	9·882	9·890	9·900	9·900	9·914	9·924	9·944	9·967	9·972	9·988	0·005	0·017	9·899
9	0·022	0·028	0·031	0·045	0·055	0·073	0·083	0·104	0·110	0·124	0·132	0·141	0·143	0·142	0·141	0·140	0·138	0·145	0·161	0·176	0·189	0·197	0·192	0·209	0·122
10	0·203	0·212	0·200	0·209	0·210	**0·215**	0·210	0·213	0·203	0·193	0·182	0·190	0·185	0·174	0·165	0·150	0·139	0·131	0·127	0·118	0·107	0·102	0·086	0·076	0·167
11	0·056	0·025	0·029	0·008	9·998	9·998	0·000	9·999	9·995	9·997	9·992	9·990	9·991	9·994	9·989	9·981	9·981	9·981	9·976	9·986	9·984	9·989	9·976	9·978	9·996
12	9·971	9·959	9·945	9·937	9·918	9·911	9·905	9·888	9·872	9·855	9·819	9·798	9·780	9·762	9·727	9·697	9·669	9·642	9·620	9·603	9·597	9·569	9·547	9·529	9·771
13	9·507	9·476	9·455	9·437	9·432	9·439	9·442	9·439	9·429	9·414	9·412	9·410	9·398	9·390	9·364	9·370	9·357	9·351	9·351	9·360	9·362	9·370	9·359	9·346	9·403
14	9·337	9·339	9·344	9·341	9·342	9·342	9·344	9·348	9·347	9·378	9·393	9·406	9·410	9·432	9·432	9·434	9·431	9·420	9·405	9·400	9·380	9·373	9·355	9·349	9·378
15	9·348	9·357	9·363	9·380	9·416	9·451	9·484	9·505	9·521	9·526	9·550	9·566	9·588	9·610	9·629	9·647	9·660	9·681	9·700	9·725	9·751	9·768	9·795	9·813	9·586
16	9·831	9·834	9·842	9·848	9·849	9·859	9·872	9·891	9·897	9·908	9·907	9·907	9·905	9·902	9·899	9·888	9·876	9·880	9·884	9·892	9·889	9·887	9·885	9·886	9·880
17	9·880	9·882	9·881	9·881	9·882	9·897	9·904	9·912	9·925	9·934	9·947	9·955	9·951	9·956	9·959	9·972	9·975	9·976	9·984	9·993	0·001	0·005	0·004	9·994	9·944
18	9·984	9·974	9·963	9·948	9·924	9·916	9·919	9·898	9·893	9·888	9·863	9·835	9·810	9·792	9·768	9·737	9·722	9·703	9·712	9·705	9·704	9·710	9·695	9·689	9·823
19	9·681	9·682	9·685	9·684	9·684	9·687	9·698	9·706	9·715	9·726	9·728	9·736	9·742	9·755	9·758	9·769	9·773	9·784	9·800	9·832	9·847	9·851	9·867	9·874	9·753
20	9·872	9·875	9·877	9·889	9·890	9·898	9·901	9·911	9·910	9·907	9·902	9·892	9·892	9·884	9·862	9·862	9·855	9·856	9·845	9·844	9·845	9·836	9·826	6·835	9·874
21	9·831	9·825	9·816	9·822	9·817	9·820	9·838	9·858	9·875	9·884	9·902	9·915	9·923	9·923	9·923	9·920	9·916	9·917	9·923	9·930	9·932	9·938	9·933	9·931	9·888
22	9·929	9·927	9·921	9·920	9·922	9·923	9·931	9·930	9·927	9·925	9·925	9·923	9·918	9·914	9·891	9·877	9·871	9·866	9·859	9·860	9·858	9·853	9·845	9·835	9·898
23	9·816	9·804	9·797	9·792	9·786	9·790	9·791	9·800	9·797	5·794	9·794	9·799	9·799	9·799	9·787	9·791	9·791	9·794	9·801	9·817	9·817	9·821	9·822	9·821	9·801
24	9·819	9·812	9·806	9·797	9·793	9·788	9·771	9·766	9·760	9·752	9·739	9·727	9·712	9·713	9·700	9·698	9·709	9·709	9·711	9·723	9·720	9·716	9·710	9·708	9·744
25	9·705	9·698	9·699	9·694	9·690	9·690	9·693	9·699	9·694	9·684	9·690	9·695	9·678	9·677	9·667	9·666	9·677	9·678	9·691	9·701	9·707	9·712	9·721	9·717	9·693
26	9·721	9·734	9·734	9·744	9·760	9·764	9·772	9·766	9·758	9·758	9·738	9·721	9·689	9·660	9·636	9·606	9·606	9·608	9·613	9·623	9·615	9·611	9·595	9·586	9·679
27	9·553	9·530	9·484	9·456	9·443	9·441	9·433	9·428	9·424	9·424	9·428	9·434	9·440	9·438	9·433	9·437	9·435	9·434	9·435	9·442	9·433	9·436	9·435	9·436	9·446
28	9·433	9·436	9·441	9·443	9·446	9·464	9·476	9·488	9·502	9·515	9·533	9·543	9·552	9·566	9·572	9·583	9·595	9·613	9·631	9·654	9·666	9·682	9·694	9·701	9·551
29	9·712	9·719	9·722	9·724	9·727	9·731	9·734	9·732	9·707	9·694	9·671	9·654	9·639	9·617	9·596	9·587	9·579	9·574	9·558	9·553	9·530	9·523	9·495	9·480	9·636
30	9·451	9·440	9·405	9·387	9·391	9·361	9·359	9·359	9·339	9·331	9·333	9·330	9·326	9·315	9·303	9·280	9·280	**9·270**	9·274	9·282	9·284	9·288	9·290	9·292	9·332
31	9·290	9·299	9·296	9·306	9·314	9·332	9·350	9·361	9·371	9·394	9·412	9·427	9·440	9·451	9·458	9·465	9·474	9·490	9·513	9·539	9·555	9·575	9·575	9·579	9·428
MEAN.	9·788	9·783	9·777	9·775	9·775	9·780	9·785	9·790	9·789	9·792	9·790	9·791	9·789	9·788	9·781	9·778	9·777	9·777	9·779	9·787	9·788	9·790	9·786	9·784	9·784

BAROMETER. Reduced to 32°. 4407 feet above Sea Level. First figure omitted. SEPTEMBER 1892.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	5·080	5·082	5·081	5·060	5·033	5·018	5·002	4·993	4·987	5·002	5·011	5·016	5·019	5·009	5·002	5·002	5·006	5·000	5·006	5·002	4·994	4·986	4·976	4·964	5·014
2	4·952	4·930	4·914	4·891	4·880	4·876	4·873	4·868	4·865	4·859	4·857	4·856	4·852	4·858	4·856	4·859	4·862	4·864	4·876	4·886	4·890	4·894	4·890	4·884	4·879
3	4·893	4·905	4·915	4·920	4·939	4·956	4·969	4·971	4·984	4·997	5·036	5·068	5·110	5·134	5·175	5·187	5·210	5·246	5·279	5·315	5·332	5·371	5·372	5·371	5·111
4	5·409	5·415	5·430	5·448	5·465	5·487	5·509	5·533	5·546	5·558	5·570	5·581	5·583	5·596	5·604	5·608	5·610	5·615	5·621	5·630	5·631	5·634	5·633	5·625	5·556
5	5·619	5·615	5·610	5·596	5·584	5·589	5·594	5·592	5·582	5·584	5·573	5·570	5·569	5·556	5·554	5·541	5·544	5·538	5·528	5·525	5·522	5·521	5·519	5·524	5·565
6	5·524	5·541	5·546	5·551	5·553	5·561	5·568	5·575	5·584	5·585	5·584	5·595	5·594	5·592	5·579	5·579	5·566	5·558	5·550	5·539	5·520	5·500	5·486	5·464	5·554
7	5·448	5·424	5·403	5·377	5·361	5·344	5·332	5·324	5·323	5·319	5·320	5·319	5·331	5·340	5·347	5·360	5·379	5·391	5·409	5·409	5·426	5·436	5·444	5·451	5·375
8	5·455	5·458	5·464	5·474	5·482	5·484	5·485	5·496	5·499	5·494	5·496	5·498	5·503	5·495	5·495	5·483	5·482	5·471	5·461	5·469	5·460	5·455	5·447	5·447	5·477
9	5·439	5·431	5·422	5·420	5·412	5·415	5·406	5·409	5·405	5·387	5·376	5·387	5·380	5·378	5·369	5·370	5·369	5·358	5·352	5·347	5·338	5·342	5·326	5·336	5·382
10	5·329	5·333	5·329	5·332	5·339	5·346	5·360	5·374	5·374	5·388	5·403	5·414	5·421	5·424	5·425	5·423	5·414	5·417	5·403	5·404	5·390	5·391	5·379	5·375	5·383
11	5·365	5·368	5·344	5·337	5·335	5·326	5·325	5·316	5·305	5·298	5·293	5·304	5·300	5·295	5·284	5·284	5·280	5·285	5·296	5·306	5·307	5·313	5·316	5·314	5·312
12	5·314	5·312	5·312	5·303	5·301	5·296	5·305	5·306	5·304	5·294	5·298	5·283	5·273	5·260	5·230	5·215	5·209	5·198	5·196	5·189	5·176	5·164	5·145	5·123	5·250
13	5·098	5·077	5·061	5·036	5·038	5·035	5·038	5·049	5·056	5·083	5·103	5·136	5·167	5·196	5·220	5·246	5·265	5·285	5·313	5·331	5·337	5·350	5·349	5·352	5·176
14	5·352	5·354	5·349	5·349	5·341	5·358	5·350	5·344	5·336	5·325	5·319	5·303	5·307	5·284	5·286	5·281	5·257	5·259	5·267	5·256	5·258	5·255	5·249	5·258	5·304
15	5·243	5·227	5·255	5·247	5·248	5·246	5·232	5·222	5·207	5·206	5·202	5·193	5·197	5·154	5·144	5·120	5·101	5·072	5·049	5·043	5·003	4·959	4·933	4·877	5·141
16	4·894	4·862	4·844	4·822	4·822	4·811	4·799	4·791	4·761	4·751	4·733	4·749	4·752	4·764	4·779	4·799	4·856	4·887	4·955	5·001	5·071	5·136	5·157	5·201	4·875
17	5·238	5·261	5·281	5·286	5·326	5·359	5·379	5·403	5·408	5·417	5·412	5·404	5·409	5·393	5·390	5·381	5·380	5·364	5·333	5·321	5·316	5·314	5·319	5·324	5·351
18	5·310	5·305	5·301	5·281	5·277	5·273	5·289	5·275	5·272	5·240	5·255	5·245	5·241	5·242	5·239	5·232	5·210	5·204	5·189	5·188	5·162	5·166	5·153	5·155	5·238
19	5·149	5·138	5·123	5·129	5·139	5·161	5·173	5·190	5·197	5·215	5·230	5·247	5·262	5·285	5·296	5·298	5·322	5·339	5·356	5·371	5·386	5·396	5·410	5·417	5·260
20	5·427	5·436	5·445	5·455	5·477	5·488	5·513	5·522	5·533	5·542	5·562	5·566	5·573	5·582	5·580	5·581	5·588	5·596	5·601	5·609	5·608	5·630	5·638	5·643	5·550
21	5·647	5·655	5·654	5·652	5·656	5·665	5·684	5·694	5·704	5·711	5·717	5·722	5·725	5·729	5·731	5·732	5·732	5·737	5·744	5·753	5·753	5·760	5·757	5·762	5·712
22	5·762	**5·764**	5·762	5·756	5·755	5·754	5·758	5·757	**5·764**	5·759	5·754	5·751	5·747	5·736	5·731	5·719	5·713	5·709	5·711	5·708	5·692	5·683	5·667	5·648	5·732
23	5·632	5·606	5·597	5·578	5·550	5·542	5·523	5·509	5·510	5·474	5·450	5·440	5·417	5·393	5·368	5·323	5·297	5·284	5·257	5·245	5·217	5·180	5·179	5·152	5·405
24	5·103	5·073	5·069	5·064	5·066	5·058	5·055	5·061	5·082	5·097	5·111	5·123	5·125	5·112	5·103	5·090	5·078	5·079	5·058	5·048	5·049	5·039	5·026	5·010	5·074
25	5·013	4·982	4·972	4·978	4·952	4·956	4·954	4·961	4·963	4·972	4·988	4·996	5·009	5·032	5·039	5·049	5·066	5·078	5·097	5·113	5·127	5·141	5·161	5·174	5·032
26	5·172	5·175	5·173	5·175	5·174	5·181	5·180	5·185	5·172	5·174	5·163	5·144	5·123	5·115	5·077	5·034	5·013	4·976	4·950	4·925	4·910	4·875	4·881	4·884	5·076
27	4·865	4·851	4·831	4·803	4·768	4·760	4·738	4·717	4·715	4·730	4·727	4·744	4·736	4·723	4·713	4·697	**4·693**	4·707	4·717	4·717	4·729	4·746	4·771	4·800	4·750
28	4·827	4·851	4·861	4·874	4·906	4·927	4·957	4·969	4·980	4·990	4·994	4·985	4·983	4·977	4·962	4·949	4·937	4·917	4·898	4·889	4·867	4·841	4·817	4·803	4·915
29	4·781	4·763	4·741	4·728	4·719	4·716	4·723	4·731	4·740	4·746	4·747	4·753	4·752	4·753	4·759	4·757	4·761	4·767	4·778	4·784	4·788	4·788	4·786	4·782	4·756
30	4·778	4·774	4·777	4·777	4·780	4·782	4·789	4·797	4·805	4·815	4·817	4·824	4·825	4·819	4·814	4·810	4·816	4·826	4·835	4·845	4·851	4·857	4·863	4·864	4·814
Mean.	5·237	5·232	5·229	5·223	5·223	5·226	5·229	5·231	5·232	5·234	5·237	5·241	5·243	5·241	5·238	5·234	5·234	5·234	5·236	5·239	5·237	5·237	5·235	5·233	5·234

BAROMETER. Reduced to 32°. 4407 feet above Sea Level. First figure omitted. OCTOBER 1892.

	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	4·858	4·858	4·855	4·832	4·832	4·835	4·846	4·841	4·851	4·844	4·854	4·864	4·860	4·865	4·868	4·867	4·874	4·886	4·894	4·904	4·907	4·918	4·922	4·931	4·869
2	4·940	4·939	4·946	4·960	4·964	4·972	4·986	4·998	5·002	4·993	5·008	5·014	5·013	5·026	5·031	5·035	5·045	5·062	5·084	5·099	5·111	5·121	5·133	5·148	5·026
3	5·167	5·179	5·192	5·204	5·223	5·232	5·241	5·256	5·260	5·266	5·273	5·273	5·272	5·268	5·261	5·265	5·263	5·250	5·234	5·234	5·205	5·219	5·209	5·218	5·236
4	5·207	5·199	5·191	5·182	5·172	5·173	5·172	5·172	5·167	5·170	5·169	5·173	5·174	5·176	5·172	5·170	5·172	5·172	5·161	5·157	5·149	5·135	5·120	5·100	5·167
5	5·078	5·055	5·025	4·997	4·978	4·958	4·938	4·920	4·898	4·857	4·820	4·794	4·759	4·708	4·668	4·629	4·612	4·595	4·575	4·545	4·551	4·552	4·563	4·570	4·777
6	4·575	4·591	4·605	4·628	4·650	4·670	4·685	4·699	4·714	4·717	4·729	4·737	4·743	4·751	4·749	4·759	4·764	4·768	4·769	4·778	4·778	4·779	4·780	4·776	4·716
7	4·759	4·752	4·743	4·741	4·737	4·743	4·744	4·755	4·753	4·755	4·765	4·784	4·788	4·787	4·806	4·817	4·818	4·835	4·839	4·847	4·845	4·850	4·847	4·858	4·790
8	4·840	4·843	4·849	4·856	4·869	4·876	4·872	4·896	4·906	4·911	4·914	4·914	4·903	4·898	4·889	4·880	4·875	4·855	4·834	4·790	4·755	4·694	4·654	4·619	4·841
9	4·552	4·527	4·479	4·441	4·409	4·404	4·409	4·433	4·455	4·478	4·488	4·516	4·564	4·602	4·641	4·688	4·723	4·757	4·796	4·828	4·865	4·892	4·926	4·945	4·617
10	4·949	4·974	4·987	4·992	5·006	5·038	5·070	5·091	5·103	5·122	5·144	5·180	5·195	5·206	5·220	5·232	5·246	5·269	5·286	5·298	5·313	5·318	5·334	5·357	5·164
11	5·369	5·371	5·385	5·407	5·424	5·433	5·441	5·482	5·493	5·512	5·520	5·523	5·528	5·531	5·531	5·527	5·528	5·537	5·547	5·548	5·550	5·553	5·554	5·550	5·494
12	5·549	5·547	5·550	5·554	5·557	5·572	5·577	5·586	5·595	5·604	5·608	5·623	5·624	5·628	5·622	5·622	5·624	5·636	5·646	5·631	5·637	5·643	5·645	5·633	5·605
13	5·641	5·634	5·623	5·612	5·611	5·607	5·611	5·607	5·614	5·617	5·618	5·619	5·611	5·600	5·589	5·571	5·581	5·585	5·583	5·592	5·581	5·584	5·593	5·601	5·604
14	5·609	5·604	5·594	5·608	5·598	5·607	5·614	5·620	5·626	5·621	5·607	5·611	5·612	5·581	5·579	5·563	5·573	5·560	5·553	5·545	5·551	5·552	5·549	5·541	5·587
15	5·524	5·532	5·501	5·505	5·512	5·532	5·527	5·530	5·519	5·526	5·522	5·529	5·510	5·495	5·501	5·483	5·472	5·480	5·473	5·468	5·463	5·465	5·450	5·451	5·499
16	5·431	5·440	5·416	5·398	5·399	5·391	5·400	5·383	5·389	5·392	5·407	5·406	5·403	5·407	5·414	5·428	5·404	5·437	5·451	5·455	5·461	5·467	5·467	5·467	5·421
17	5·480	5·478	5·474	5·474	5·478	5·481	5·477	5·494	5·509	5·522	5·522	5·546	5·546	5·553	5·552	5·565	5·573	5·585	5·593	5·606	5·621	5·618	5·626	5·638	5·542
18	5·644	5·645	5·654	5·658	5·667	5·673	5·682	5·687	5·694	5·694	5·700	5·702	**5·706**	5·699	5·692	5·684	5·676	5·672	5·670	5·664	5·661	5·647	5·641	5·630	5·673
19	5·622	5·618	5·594	5·586	5·581	5·567	5·567	5·565	5·543	5·537	5·545	5·542	5·544	5·542	5·542	5·537	5·542	5·545	5·544	5·541	5·529	5·525	5·521	5·511	5·554
20	5·507	5·498	5·476	5·459	5·444	5·436	5·432	5·430	5·421	5·418	5·400	5·398	5·388	5·371	5·358	5·337	5·326	5·306	5·291	5·274	5·260	5·236	5·221	5·202	5·370
21	5·178	5·161	5·143	5·135	5·130	5·124	5·118	5·119	5·115	5·116	5·117	5·115	5·117	5·112	5·127	5·108	5·091	5·097	5·090	5·111	5·127	5·192	5·155	5·166	5·128
22	5·154	5·152	5·149	5·127	5·127	5·112	5·104	5·099	5·082	5·071	5·057	5·049	5·044	5·028	5·018	5·003	5·001	4·990	4·976	4·966	4·976	4·973	4·968	4·967	5·050
23	4·955	4·960	4·962	4·982	4·985	4·996	4·984	5·007	4·991	4·993	5·001	4·998	5·011	5·013	5·023	5·009	5·023	5·027	5·036	5·053	5·059	5·048	5·053	5·062	5·010
24	5·069	5·102	5·109	5·114	5·128	5·143	5·153	5·166	5·177	5·186	5·184	5·196	5·197	5·203	5·208	5·210	5·221	5·229	5·228	5·226	5·230	5·235	5·234	5·237	5·183
25	5·234	5·234	5·229	5·225	5·229	5·227	5·223	5·236	5·240	5·248	5·254	5·258	5·262	5·263	5·262	5·261	5·264	5·281	5·288	5·295	5·297	5·304	5·312	5·316	5·260
26	5·321	5·324	5·325	5·326	5·330	5·323	5·327	5·334	5·331	5·313	5·315	5·302	5·293	5·276	5·261	5·238	5·215	5·196	5·158	5·132	5·061	5·023	4·957	4·943	5·234
27	4·873	4·838	4·799	4·764	4·784	4·802	4·786	4·792	4·778	4·793	4·780	4·778	4·780	4·778	4·778	4·773	4·759	4·757	4·747	4·742	4·727	4·693	4·666	4·610	4·76
28	4·570	4·537	4·530	**4·512**	4·518	4·527	4·547	4·572	4·581	4·592	4·605	4·615	4·620	4·625	4·628	4·632	4·643	4·655	4·661	4·662	4·663	4·661	4·652	4·640	4·602
29	4·637	4·630	4·614	4·600	4·598	4·588	4·578	4·573	4·571	4·570	4·575	4·571	4·580	4·590	4·609	4·644	4·662	4·698	4·722	4·752	4·782	4·805	4·817	4·836	4·650
30	4·857	4·863	4·873	4·883	4·902	4·915	4·926	4·935	4·946	4·955	4·968	4·965	4·966	4·979	4·989	5·004	5·022	5·030	5·026	5·032	5·037	5·046	5·050	5·050	4·967
31	5·053	5·055	5·055	5·052	5·064	5·067	5·080	5·090	5·094	5·105	5·112	5·119	5·121	5·135	5·143	5·155	5·165	5·175	5·186	5·193	5·201	5·205	5·209	5·212	5·127
Mean.	5·136	5·134	5·127	5·123	5·126	5·130	5·133	5·141	5·143	5·145	5·148	5·152	5·153	5·151	5·153	5·151	5·153	5·159	5·159	5·160	5·160	5·160	5·156	5·154	5·146

BAROMETER. REDUCED TO 32° AND SEA LEVEL. FIRST FIGURE OMITTED. SEPTEMBER 1892.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid night.	Mean.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	9·575	9·583	9·576	9·559	9·531	9·506	9·485	9·466	9·453	9·451	9·455	9·463	9·463	9·465	9·456	9·467	9·469	9·468	9·467	9·465	9·463	9·461	9·451	9·437	9·485
2	9·419	9·408	9·385	9·371	9·358	9·355	9·348	9·350	9·335	9·340	9·342	9·345	9·322	9·331	9·325	9·329	9·328	9·347	9·356	9·371	9·376	9·369	9·365	9·364	9·356
3	9·392	9·422	9·444	9·458	9·476	9·491	9·506	9·510	9·506	9·525	9·544	9·591	9·624	9·668	9·703	9·734	9·756	9·793	9·826	9·873	9·893	9·932	9·945	9·983	9·650
4	9·999	0·026	0·044	0·067	0·082	0·109	0·128	0·151	0·178	0·187	0·190	0·197	0·198	0·205	0·204	0·211	0·214	0·232	0·238	0·248	0·258	0·257	0·246	0·244	0·171
5	0·235	0·226	0·217	0·202	0·188	0·190	0·191	0·174	0·164	0·156	0·145	0·142	0·120	0·107	0·090	0·087	0·081	0·070	0·054	0·052	0·047	0·040	0·036	0·042	0·127
6	0·050	0·067	0·080	0·085	0·086	0·103	0·115	0·122	0·125	0·125	0·124	0·128	0·127	0·126	0·111	0·108	0·098	0·095	0·081	0·077	0·056	0·037	0·014	9·996	0·089
7	9·969	9·943	9·914	9·896	9·875	9·861	9·851	9·839	9·834	9·859	9·869	9·882	9·891	9·909	9·910	9·918	9·923	9·947	9·963	9·988	0·003	0·013	0·020	0·030	9·921
8	0·028	0·035	0·039	0·048	0·060	0·064	0·062	0·071	0·068	0·058	0·046	0·044	0·044	0·034	0·026	0·019	0·017	0·002	9·995	0·001	9·987	9·985	9·971	9·961	0·028
9	9·943	9·936	9·922	9·906	9·907	9·905	9·904	9·900	9·901	9·906	9·896	9·900	9·898	9·894	9·877	9·879	9·862	9·849	9·832	9·825	9·822	9·833	9·834	9·846	9·882
10	9·856	9·860	9·863	9·866	9·871	9·882	9·894	9·912	9·921	9·936	9·948	9·961	9·962	9·966	9·965	9·960	9·954	9·962	9·957	9·961	9·945	9·938	9·929	9·919	9·925
11	9·911	9·900	9·878	9·866	9·855	9·854	9·845	9·837	9·820	9·817	9·803	9·804	9·794	9·791	9·788	9·792	9·778	9·790	9·803	9·814	9·818	9·826	9·829	9·832	9·827
12	9·834	9·841	9·834	9·817	9·811	9·812	9·813	9·810	9·813	9·813	9·813	9·795	9·782	9·762	9·730	9·700	9·688	9·670	9·661	9·655	9·632	9·617	9·601	9·577	9·745
13	9·546	9·522	9·496	9·479	9·476	9·477	9·496	9·539	9·551	9·588	9·615	9·654	9·680	9·711	9·745	9·768	9·791	9·817	9·847	9·876	9·882	9·900	9·894	9·897	9·680
14	9·898	9·896	9·896	9·894	9·889	9·895	9·894	9·888	9·887	9·871	9·856	9·845	9·837	9·816	9·816	9·796	9·774	9·779	9·775	9·767	9·762	9·759	9·749	9·758	9·833
15	9·735	9·721	9·744	9·738	9·738	9·729	9·715	9·706	9·694	9·695	9·694	9·684	9·665	9·639	9·623	9·601	9·569	9·541	9·519	9·508	9·462	9·427	9·393	9·358	9·621
16	9·341	9·312	9·278	9·267	9·271	9·272	9·262	9·255	9·238	9·210	9·196	9·208	9·219	9·236	9·256	9·270	9·309	9·379	9·419	9·522	9·626	9·706	9·759	9·817	9·360
17	9·859	9·888	9·910	9·923	9·939	9·965	9·982	9·994	0·001	0·007	9·992	9·991	9·983	9·977	9·959	9·936	9·927	9·913	9·884	9·876	9·862	9·847	9·833	9·830	9·928
18	9·828	9·811	9·787	9·774	9·761	9·751	9·743	9·745	9·733	9·724	9·716	9·712	9·704	9·702	9·704	9·704	9·698	9·688	9·681	9·677	9·657	9·643	9·636	9·628	9·717
19	9·624	9·605	9·593	9·593	9·610	9·634	9·656	9·668	9·692	9·711	9·721	9·754	9·774	9·808	9·836	9·849	9·872	9·899	9·923	9·947	9·963	9·975	9·990	0·002	9·779
20	0·015	0·028	0·039	0·055	0·070	0·094	0·116	0·136	0·142	0·148	0·160	0·155	0·158	0·163	0·161	0·165	0·174	0·190	0·197	0·221	0·223	0·240	0·257	0·269	0·149
21	0·284	0·292	0·289	0·284	0·286	0·302	0·314	0·332	0·333	0·329	0·318	0·308	0·300	0·297	0·293	0·290	0·292	0·306	0·312	0·326	0·335	0·339	0·344	0·349	0·311
22	0·352	0·354	0·350	0·347	0·345	0·353	0·358	0·358	**0·361**	0·349	0·335	0·325	0·307	0·297	0·288	0·277	0·275	0·278	0·276	0·277	0·269	0·254	0·238	0·231	0·311
23	0·213	0·180	0·174	0·150	0·122	0·110	0·086	0·082	0·072	0·032	0·010	9·984	9·944	9·906	9·866	9·823	9·792	9·768	9·750	9·734	9·704	9·674	9·674	9·644	9·937
24	9·600	9·577	9·587	9·582	9·580	9·582	9·600	9·610	9·619	9·639	9·640	9·654	9·654	9·634	9·620	9·616	9·606	9·586	9·562	9·549	9·542	9·522	9·501	9·490	9·590
25	9·470	9·449	9·433	9·433	9·410	9·422	9·412	9·412	9·438	9·450	9·460	9·476	9·497	9·522	9·528	9·558	9·570	9·598	9·622	9·644	9·656	9·673	9·695	9·700	9·522
26	9·698	9·696	9·692	9·685	9·685	9·684	9·688	9·684	9·676	9·677	9·666	9·664	9·619	9·601	9·546	9·505	9·467	9·429	9·399	9·351	9·332	9·307	9·307	9·307	9·557
27	9·285	9·282	9·264	9·234	9·212	9·196	9·178	9·170	9·175	9·187	9·185	9·200	9·194	9·209	9·173	**9·151**	9·167	9·186	9·182	9·188	9·209	9·245	9·271	9·319	9·211
28	9·356	9·390	9·401	9·431	9·460	9·494	9·487	9·496	9·505	9·518	9·519	9·509	9·503	9·500	9·485	9·478	9·467	9·439	9·443	9·419	9·383	9·362	9·332	9·309	9·445
29	9·272	9·255	9·223	9·211	9·199	9·203	9·202	9·218	9·228	9·232	9·229	9·234	9·229	9·231	9·234	9·236	9·243	9·260	9·265	9·279	9·282	9·285	9·286	9·275	9·242
30	9·276	9·275	9·273	9·273	9·280	9·283	9·286	9·297	9·309	9·316	9·312	9·316	9·314	9·304	9·294	9·292	9·295	9·300	9·311	9·324	9·336	9·344	9·354	9·360	9·305
MEAN.	9·762	9·759	9·754	9·750	9·748	9·753	9·754	9·758	9·759	9·762	9·760	9·764	9·760	9·760	9·754	9·751	9·749	9·753	9·754	9·760	9·760	9·760	9·758	9·759	9·757

BAROMETER. REDUCED TO 32° AND SEA LEVEL. FIRST FIGURE OMITTED. OCTOBER 1892.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid night.	Mean.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	9·358	9·362	9·364	9·362	9·360	9·361	9·364	9·358	9·369	9·358	9·362	9·367	9·359	9·358	9·359	9·361	9·359	9·371	9·378	9·385	9·389	9·409	9·421	9·436	9·372
2	9·439	9·444	9·450	9·457	9·469	9·480	9·493	9·509	9·517	9·514	9·522	9·526	9·532	9·550	9·554	9·556	9·562	9·588	9·602	9·625	9·636	9·647	9·670	9·694	9·543
3	9·714	9·725	9·734	9·740	9·760	9·775	9·786	9·802	9·810	9·817	9·818	9·814	9·805	9·792	9·784	9·787	9·779	9·776	9·758	9·760	9·748	9·739	9·736	9·724	9·770
4	9·714	9·700	9·691	9·685	9·672	9·672	9·675	9·680	9·677	9·670	9·660	9·655	9·653	9·664	9·657	9·654	9·660	9·662	9·654	9·644	9·638	9·630	9·620	9·603	9·662
5	9·577	9·553	9·519	9·494	9·475	9·453	9·433	9·415	9·386	9·356	9·321	9·286	9·234	9·179	9·137	9·090	9·061	9·033	8·993	8·975	8·969	8·968	8·974	8·982	9·244
6	9·009	9·023	9·029	9·055	9·081	9·105	9·120	9·136	9·145	9·159	9·177	9·185	9·184	9·194	9·197	9·210	9·215	9·230	9·236	9·249	9·259	9·258	9·262	9·254	9·166
7	9·244	9·236	9·222	9·215	9·216	9·220	9·224	9·230	9·235	9·238	9·244	9·256	9·269	9·278	9·288	9·308	9·317	3·340	9·357	9·364	9·378	9·388	9·396	9·407	9·286
8	9·409	9·416	9·419	9·425	9·439	9·452	9·454	9·461	9·472	9·475	9·471	9·471	9·458	9·448	9·447	9·428	9·411	9·395	9·359	9·308	9·247	9·167	9·092	9·017	9·381
9	8·974	8·953	8·911	8·879	8·843	**8·834**	8·853	8·893	8·913	8·935	8·961	9·018	9·060	9·097	9·128	9·167	9·199	9·247	9·284	9·328	9·364	9·397	9·430	9·464	9·089
10	9·497	9·517	9·543	9·559	9·580	9·607	9·635	9·661	9·677	9·693	9·721	9·745	9·763	9·781	9·797	9·813	9·829	9·866	9·886	9·901	9·921	9·933	9·943	9·971	9·744
11	9·987	9·991	0·000	0·021	0·034	0·050	0·073	0·094	0·110	0·121	0·131	0·135	0·142	0·143	0·142	0·142	0·155	0·170	0·188	0·192	0·198	0·201	0·213	0·222	0·120
12	0·225	0·223	0·220	0·227	0·232	0·246	0·253	0·270	0·268	0·265	0·258	0·258	0·263	0·269	0·253	0·258	0·258	0·272	0·278	0·282	0·284	0·284	0·278	0·283	0·258
13	0·281	0·275	0·265	0·260	0·255	0·255	0·260	0·259	0·253	0·246	0·244	0·239	0·229	0·218	0·223	0·218	0·220	0·226	0·223	0·220	0·209	0·206	0·203	0·208	0·237
14	0·215	0·209	0·212	0·214	0·208	0·225	0·231	0·232	0·234	0·228	0·210	0·216	0·198	0·182	0·168	0·168	0·170	0·172	0·174	0·175	0·181	0·176	0·157	0·148	0·196
15	0·146	0·138	0·113	0·106	0·107	0·123	0·132	0·157	0·155	0·165	0·161	0·151	0·140	0·132	0·126	0·115	0·116	0·122	0·130	0·136	0·143	0·129	0·122	0·121	0·133
16	0·107	0·103	0·102	0·089	0·070	0·060	0·070	0·068	0·069	0·077	0·079	0·076	0·076	0·085	0·096	0·096	0·108	0·118	0·134	0·154	0·158	0·163	0·167	0·164	0·100
17	0·162	0·167	0·166	0·161	0·170	0·178	0·191	0·208	0·219	0·225	0·227	0·233	0·225	0·232	0·231	0·239	0·252	0·267	0·285	0·309	0·325	0·334	0·340	0·353	0·237
18	0·352	0·356	0·363	0·370	0·377	0·381	0·388	0·400	**0·404**	0·402	0·401	0·397	0·388	0·376	0·369	0·367	0·367	0·371	0·368	0·366	0·362	0·346	0·329	0·310	0·371
19	0·301	0·293	0·263	0·247	0·225	0·211	0·195	0·187	0·181	0·177	0·169	0·170	0·165	0·161	0·156	0·155	0·163	0·180	0·185	0·184	0·181	0·175	0·166	0·159	0·194
20	0·145	0·136	0·109	0·093	0·070	0·064	0·065	0·060	0·049	0·043	0·020	0·011	9·988	9·970	9·954	9·936	9·923	9·903	9·888	9·869	9·854	9·834	9·819	9·810	9·984
21	9·796	9·786	9·769	9·761	9·749	9·746	9·747	9·745	9·739	9·740	9·729	9·721	9·727	9·726	9·728	9·737	9·750	9·769	9·780	9·802	9·815	9·823	9·820	9·814	9·763
22	9·805	9·798	9·790	9·775	9·764	9·756	9·740	9·732	9·721	9·710	9·692	9·695	9·670	9·655	9·647	9·641	9·650	9·640	9·626	9·621	9·611	9·604	9·595	9·592	9·688
23	9·585	9·592	9·587	9·598	9·595	9·610	9·606	9·620	9·623	9·630	9·627	9·625	9·627	9·629	9·640	9·646	9·646	9·653	9·660	9·680	9·698	9·710	9·720	9·729	9·639
24	9·739	9·746	9·748	9·761	9·776	9·789	9·808	9·824	9·835	9·840	9·823	9·845	9·837	9·843	9·845	9·852	9·866	9·885	9·889	9·895	9·907	9·911	9·913	9·919	9·837
25	9·913	9·908	9·910	9·908	9·916	9·913	9·919	9·733	9·930	9·931	9·928	9·928	9·927	9·919	9·917	9·917	9·930	9·942	9·958	9·973	9·981	9·985	9·987	9·991	9·936
26	9·990	9·992	9·992	9·996	9·996	9·988	9·992	0·001	0·001	9·985	9·983	9·964	9·942	9·913	9·890	9·869	9·832	9·818	9·776	9·740	9·697	9·656	9·612	9·580	9·885
27	9·520	9·470	9·408	9·385	9·344	9·308	9·272	9·275	9·263	9·258	9·247	9·243	9·235	9·227	9·219	9·194	9·187	9·183	9·170	9·155	9·135	9·102	9·083	9·019	9·246
28	8·974	8·936	8·907	8·884	8·887	8·897	8·917	8·944	8·955	8·987	8·986	8·986	8·992	8·996	9·000	9·005	9·011	9·025	9·028	9·028	9·025	9·025	9·022	9·009	8·976
29	9·004	8·991	8·975	8·970	8·962	8·945	8·942	8·944	8·940	8·935	8·939	8·939	8·948	8·979	9·018	9·060	9·103	9·150	9·201	9·234	9·265	9·293	9·318	9·347	9·058
30	9·371	9·386	9·394	9·409	9·418	9·434	9·457	9·467	9·473	9·489	9·502	9·505	9·512	9·520	9·527	9·540	9·558	9·560	9·572	9·584	9·588	9·593	9·584	9·593	9·502
31	9·600	9·611	9·606	9·614	9·626	9·634	9·644	9·661	9·669	9·681	9·688	9·695	9·693	9·716	9·718	9·736	9·748	9·755	9·781	9·788	9·801	9·808	9·809	9·812	9·704
MEAN.	9·715	9·711	9·703	9·701	9·699	9·702	9·708	9·717	9·719	9·721	9·720	9·721	9·717	9·717	9·717	9·718	9·723	9·732	9·736	9·740	9·741	9·739	9·736	9·733	9·720

BAROMETER. Reduced to 32°. 4407 feet above Sea Level. First figure omitted. NOVEMBER 1892.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	5·213	5·215	5·223	5·230	5·233	5·235	5·242	5·247	5·256	5·265	5·277	5·279	5·272	5·267	5·251	5·245	5·235	5·247	5·243	5·235	5·234	5·215	5·205	5·199	5·240
2	5·191	5·176	5·147	5·132	5·120	5·092	5·065	5·051	5·012	5·011	4·938	4·907	4·886	4·857	4·831	4·860	4·879	4·883	4·873	4·885	4·885	4·885	4·880	4·877	4·972
3	4·862	4·838	4·819	4·779	4·743	**4·675**	4·723	4·775	4·819	4·834	4·861	4·889	4·942	4·953	4·973	4·995	5·027	5·036	5·056	5·060	5·069	5·063	5·032	5·034	4·911
4	4·995	4·996	4·915	4·917	4·896	4·855	4·857	4·872	4·888	4·941	4·947	4·957	4·962	4·979	4·966	4·971	4·981	4·985	4·974	4·963	4·963	4·966	4·952	4·948	4·944
5	4·967	4·957	4·961	4·951	4·947	4·955	4·953	4·950	4·938	4·967	4·996	5·006	5·023	5·025	5·041	5·041	5·059	5·086	5·094	5·113	5·130	5·142	5·154	5·152	5·025
6	5·164	5·174	5·181	5·192	5·200	5·211	5·223	5·239	5·257	5·269	5·274	5·284	5·288	5·298	5·311	5·335	5·348	5·365	5·373	5·381	5·394	5·412	5·425	5·426	5·293
7	5·424	5·434	5·445	5·453	5·467	5·479	5·493	5·507	5·516	5·513	5·510	5·496	5·492	5·489	5·477	5·468	5·468	5·466	5·447	5·418	5·418	5·394	5·405	5·397	5·462
8	5·363	5·354	5·351	5·342	5·352	5·371	5·369	5·373	5·367	5·355	5·346	5·341	5·333	5·321	5·311	5·307	5·314	5·318	5·316	5·314	5·305	5·293	5·308	5·324	5·335
9	5·312	5·313	5·312	5·321	5·325	5·328	5·325	5·333	5·336	5·340	5·342	5·342	5·340	5·344	5·352	5·362	5·366	5·376	5·382	5·387	5·394	5·386	5·389	5·389	5·350
10	5·385	5·386	5·385	5·392	5·389	5·388	5·394	5·386	5·405	5·395	5·404	5·403	5·398	5·397	5·380	5·387	5·395	5·399	5·388	5·398	5·389	5·386	5·377	5·369	5·391
11	5·362	5·359	5·344	5·344	5·346	5·343	5·360	5·367	5·371	5·380	5·369	5·385	5·367	5·374	5·381	5·389	5·397	5·396	5·383	5·381	5·387	5·386	5·379	5·379	5·372
12	5·363	5·364	5·358	5·335	5·327	5·324	5·320	5·312	5·300	5·284	5·276	5·263	5·220	5·190	5·181	5·160	5·166	5·145	5·098	5·103	5·100	5·123	5·139	5·137	5·223
13	5·138	5·138	5·137	5·135	5·135	5·140	5·136	5·139	5·136	5·138	5·137	5·130	5·120	5·110	5·107	5·113	5·115	5·123	5·128	5·132	5·129	5·130	5·130	5·122	5·130
14	5·118	5·118	5·111	5·111	5·088	5·077	5·068	5·053	5·043	5·026	5·008	4·946	4·888	4·888	4·862	4·850	4·852	4·855	4·818	4·810	4·777	4·764	4·764	4·742	4·943
15	4·733	4·716	4·708	4·712	4·726	4·727	4·758	4·826	4·871	4·906	4·919	4·955	4·972	5·000	5·018	5·051	5·083	5·105	5·116	5·127	5·141	5·153	5·162	5·166	4·944
16	5·167	5·166	5·173	5·173	5·175	5·182	5·188	5·197	5·206	5·213	5·212	5·215	5·217	5·223	5·233	5·255	5·261	5·270	5·285	5·288	5·297	5·302	5·313	5·319	5·230
17	5·318	5·319	5·326	5·326	5·320	5·332	5·326	5·341	5·339	5·335	5·342	5·334	5·326	5·319	5·321	5·322	5·318	5·313	5·301	5·296	5·301	5·297	5·290	5·294	5·319
18	5·289	5·275	5·271	5·268	5·254	5·243	5·243	5·248	5·248	5·238	5·227	5·220	5·217	5·212	5·202	5·197	5·186	5·187	5·187	5·170	5·168	5·150	5·143	5·128	5·215
19	5·116	5·105	5·099	5·069	5·068	5·071	5·068	5·069	5·063	5·065	5·072	5·082	5·085	5·095	5·107	5·125	5·141	5·157	5·170	5·184	5·195	5·210	5·217	5·227	5·119
20	5·238	5·252	5·259	5·264	5·283	5·303	5·318	5·330	5·341	5·344	5·356	5·380	5·376	5·387	5·406	5·418	5·444	5·456	5·470	5·507	5·531	5·543	5·564	5·577	5·389
21	5·591	5·601	5·615	5·620	5·624	5·646	5·655	5·670	5·686	5·695	5·702	5·711	5·712	5·709	5·712	5·716	5·719	5·728	5·723	5·721	5·716	5·728	5·729	5·726	5·686
22	5·727	5·732	5·724	5·723	5·730	5·713	5·728	5·729	5·726	5·737	5·743	5·738	**5·749**	5·737	5·736	5·741	5·733	5·735	5·730	5·725	5·723	5·719	5·725	5·718	5·730
23	5·711	5·706	5·704	5·696	5·692	5·684	5·681	5·684	5·689	5·690	5·682	5·673	5·665	5·658	5·657	5·644	5·642	5·651	5·629	5·626	5·619	5·610	5·595	5·594	5·662
24	5·580	5·574	5·565	5·554	5·547	5·541	5·542	5·542	5·544	5·549	5·543	5·545	5·540	5·538	5·537	5·539	5·542	5·546	5·550	5·553	5·554	5·552	5·551	5·547	5·549
25	5·548	5·540	5·534	5·522	5·513	5·503	5·506	5·503	5·494	5·488	5·487	5·474	5·467	5·456	5·449	5·443	5·437	5·414	5·419	5·415	5·407	5·388	5·383	5·361	5·465
26	5·358	5·357	5·360	5·327	5·314	5·289	5·290	5·275	5·272	5·284	5·293	5·314	5·328	5·342	5·365	5·393	5·429	5·455	5·480	5·504	5·517	5·523	5·530	5·534	5·381
27	5·541	5·539	5·542	5·545	5·552	5·547	5·556	5·551	5·558	5·559	5·562	5·564	5·566	5·559	5·562	5·579	5·577	5·588	5·569	5·571	5·567	5·551	5·521	5·514	5·556
28	5·508	5·486	5·474	5·444	5·425	5·425	5·420	5·428	5·428	5·409	5·368	5·362	5·333	5·282	5·271	5·207	5·177	5·137	5·103	5·070	5·041	5·071	5·029	5·030	5·289
29	5·017	4·955	5·023	5·042	5·048	5·076	5·084	5·094	5·096	5·097	5·083	5·058	5·047	5·010	5·020	5·013	5·001	4·972	4·986	5·005	4·998	5·017	5·007	5·033	5·033
30	5·055	5·072	5·117	5·156	5·178	5·218	5·250	5·279	5·295	5·338	5·352	5·354	5·342	5·327	5·325	5·324	5·310	5·307	5·290	5·290	5·280	5·279	5·269	5·267	5·261
Mean.	5·278	5·274	5·273	5·269	5·267	5·266	5·271	5·279	5·283	5·289	5·288	5·287	5·282	5·278	5·278	5·282	5·287	5·290	5·286	5·288	5·288	5·288	5·286	5·284	5·281

BAROMETER. Reduced to 32°. 4407 feet above Sea Level. First figure omitted. DECEMBER 1892.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	5·252	5·230	5·212	5·198	5·191	5·162	5·162	5·161	5·171	5·177	5·189	5·190	5·187	5·183	5·181	5·195	5·211	5·227	5·236	5·240	5·248	5·254	5·268	5·292	5·209
2	5·303	5·320	5·333	5·354	5·366	5·379	5·387	5·395	5·401	5·406	5·409	5·401	5·381	5·366	5·353	5·334	5·320	5·321	3·281	5·261	5·230	5·180	5·167	5·124	5·324
3	5·092	5·051	5·015	4·981	4·942	4·907	4·868	4·851	4·799	4·746	4·750	4·743	4·703	4·679	4·635	4·656	4·649	4·650	4·643	4·646	4·653	4·664	4·673	4·682	4·778
4	4·683	4·698	4·714	4·737	4·749	4·770	4·793	4·814	4·818	4·824	4·852	4·846	4·836	4·851	4·862	4·884	4·889	4·912	4·902	4·921	4·930	4·937	4·947	4·953	4·838
5	4·958	4·954	4·951	4·945	4·931	4·936	4·915	4·925	4·936	4·930	4·943	4·951	4·942	4·920	4·854	4·865	4·902	4·969	5·007	5·019	5·025	5·030	5·030	5·030	4·953
6	5·029	5·060	5·086	5·103	5·110	5·107	5·107	5·117	5·114	5·131	5·148	5·174	5·183	5·170	5·237	5·238	5·276	5·286	5·295	5·341	5·351	5·388	5·398	5·424	5·203
7	5·437	5·451	5·462	5·474	5·484	5·491	5·504	5·515	5·523	5·532	5·535	5·535	5·534	5·531	5·534	5·543	5·549	5·548	5·554	5·573	**5·576**	5·574	5·570	5·573	5·525
8	5·569	5·567	5·554	5·544	5·533	5·529	5·509	5·498	5·490	5·471	5·453	5·420	5·375	5·337	5·284	5·240	5·210	5·173	5·147	5·134	5·126	5·126	5·120	5·130	5·356
9	5·159	5·135	5·186	5·205	5·202	5·220	5·234	5·246	5·255	5·278	5·285	5·289	5·282	5·306	5·318	5·321	5·348	5·351	5·344	5·357	5·354	5·351	5·337	5·328	5·279
10	5·315	5·303	5·289	5·266	5·246	5·230	5·203	5·188	5·151	5·135	5·108	5·071	5·022	4·965	4·914	4·866	4·828	4·796	4·797	4·783	4·773	4·762	4·732	4·710	5·019
11	4·688	4·667	4·642	4·616	4·607	4·593	4·587	**4·581**	**4·581**	4·585	4·594	4·601	4·596	4·597	4·603	4·626	4·641	4·664	4·688	4·706	4·724	4·717	4·714	4·727	4·639
12	4·739	4·742	4·749	4·754	4·759	4·764	4·779	4·781	4·800	4·817	4·833	4·848	4·859	4·871	4·882	4·894	4·905	4·911	4·925	4·947	4·970	4·987	5·017	5·046	4·857
13	5·062	5·086	5·087	5·102	5·133	5·150	5·172	5·203	5·230	5·248	5·280	5·290	5·293	5·294	5·294	5·304	5·304	5·301	5·298	5·262	5·234	5·215	5·184	5·165	5·216
14	5·163	5·168	5·166	5·164	5·156	5·151	5·139	5·138	5·146	5·151	5·162	5·152	5·156	5·166	5·179	5·193	5·212	5·223	5·232	5·235	5·236	5·236	5·234	5·237	5·183
15	5·233	5·232	5·228	5·221	5·213	5·196	5·192	5·187	5·182	5·174	5·180	5·186	5·188	5·181	5·197	5·224	5·230	5·276	5·311	5·322	5·354	5·382	5·415	5·430	5·247
16	5·441	5·453	5·476	5·483	5·476	5·451	5·439	5·424	5·411	5·386	5·380	5·343	5·314	5·303	5·303	5·282	5·253	5·258	5·259	5·250	5·259	5·243	5·261	5·270	5·351
17	5·266	5·291	5·304	5·306	5·319	5·327	5·315	5·319	5·368	5·374	5·389	5·390	5·404	5·397	5·385	5·382	5·369	5·344	5·343	5·329	5·292	5·291	5·261	5·232	5·333
18	5·200	5·190	5·188	5·194	5·211	5·245	5·234	5·242	5·271	5·293	5·301	5·303	5·319	5·331	5·332	5·339	5·353	5·348	5·355	5·355	5·362	5·363	5·365	5·380	5·295
19	5·373	5·371	5·370	5·378	5·368	5·379	5·383	5·384	5·392	5·394	5·398	5·390	5·384	5·381	5·381	5·393	5·406	5·412	5·415	5·420	5·419	5·418	5·420	5·421	5·394
20	5·425	5·406	5·410	5·413	5·410	5·412	5·406	5·405	5·418	5·418	5·422	5·422	5·419	5·418	5·420	5·420	5·417	5·426	5·425	5·432	5·429	5·432	5·433	5·433	5·420
21	5·431	5·430	5·429	5·427	5·427	5·423	5·418	5·408	5·430	5·436	5·441	5·441	5·436	5·426	5·421	5·422	5·426	5·427	5·431	5·434	5·431	5·438	5·435	5·432	5·429
22	5·432	5·427	5·426	5·428	5·424	5·422	5·425	5·437	5·439	5·445	5·439	5·436	5·427	5·429	5·433	5·438	5·446	5·444	5·444	5·440	5·441	5·440	5·439	5·439	5·435
23	5·439	5·432	5·441	5·436	5·426	5·416	5·415	5·413	5·416	5·417	5·410	5·407	5·400	5·391	5·377	5·395	5·393	5·383	5·387	5·370	5·353	5·347	5·342	5·324	5·397
24	5·321	5·318	5·316	5·309	5·304	5·300	5·000	5·302	5·310	5·308	5·313	5·304	5·292	5·293	5·307	5·294	5·287	5·278	5·278	5·273	5·273	5·272	5·270	5·269	5·295
25	5·258	5·258	5·259	4·257	5·256	5·255	5·268	5·289	5·297	5·305	5·308	5·315	5·314	5·326	5·340	5·349	5·359	5·372	5·383	5·394	5·406	5·411	5·420	5·424	5·326
26	5·428	5·432	5·440	5·447	5·441	5·439	5·452	5·470	5·476	5·483	5·487	5·485	5·480	5·480	5·481	5·489	5·493	5·490	5·499	5·510	5·512	5·517	5·518	5·512	5·478
27	5·510	5·515	5·520	5·525	5·525	5·531	5·537	5·549	5·547	5·550	5·557	5·550	5·543	5·540	5·543	5·546	5·541	5·552	5·558	5·563	5·566	5·570	5·570	5·564	5·545
28	5·553	5·546	5·539	5·528	5·509	5·505	5·492	5·490	5·489	5·476	5·463	5·450	5·441	5·427	5·414	5·404	5·390	5·380	5·369	5·363	5·345	5·346	5·323	5·310	5·440
29	5·292	5·275	5·261	5·232	5·225	5·201	5·206	5·207	5·199	5·201	5·178	5·154	5·157	5·147	5·144	5·144	5·143	5·140	5·139	5·143	5·137	5·137	5·130	5·128	5·180
30	5·118	5·112	5·114	5·108	5·111	5·111	5·117	5·122	5·120	5·129	5·133	5·124	5·126	5·137	5·152	5·151	5·149	5·152	5·150	5·149	5·154	5·155	5·155	5·160	5·134
31	5·160	5·165	5·180	5·177	5·185	5·183	5·194	5·211	5·211	5·219	5·218	5·212	5·213	5·213	5·230	5·234	5·242	5·253	5·249	5·259	5·252	5·264	5·260	5·260	5·218
Mean.	5·236	5·235	5·237	5·236	5·234	5·232	5·231	5·235	5·238	5·240	5·244	5·239	5·232	5·228	5·225	5·228	5·230	5·234	5·237	5·240	5·239	5·240	5·239	5·239	5·235

BAROMETER. REDUCED TO 32° AND SEA LEVEL. FIRST FIGURE OMITTED. NOVEMBER 1892.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	9·818	9·825	9·831	9·832	9·837	9·843	9·850	9·859	9·868	9·877	9·884	9·883	9·866	9·857	9·844	9·840	9·835	9·842	9·839	9·832	9·820	9·820	9·795	9·783	9·841
2	9·776	9·756	9·734	9·723	9·701	9·694	9·651	9·647	9·603	9·588	9·555	9·501	9·471	9·447	9·413	9·413	9·417	9·397	9·391	9·395	9·385	9·385	9·365	9·373	9·532
3	9·355	9·345	9·322	9·301	9·275	9·249	9·247	9·265	9·303	9·326	9·353	9·379	9·407	9·443	9·467	9·491	9·519	9·544	9·561	9·578	9·571	9·588	9·575	9·559	9·418
4	9·551	9·535	9·487	9·455	9·427	9·391	9·375	9·375	9·367	9·401	9·416	9·422	9·432	9·435	9·431	9·435	9·442	9·456	9·454	9·453	9·438	9·444	9·448	9·446	9·438
5	9·448	9·446	9·444	9·438	9·436	9·438	9·434	9·432	9·434	9·482	9·497	9·515	9·527	9·531	9·539	9·555	9·571	9·605	9·613	9·637	9·661	9·676	9·687	9·693	9·531
6	9·705	9·711	9·719	9·725	9·739	9·753	9·779	9·797	9·814	9·831	9·839	9·850	9·855	9·867	9·879	9·899	9·920	9·941	9·957	9·973	9·993	0·015	0·023	0·026	9·859
7	0·025	0·037	0·047	0·055	0·065	0·080	0·091	0·119	0·123	0·121	0·117	0·103	0·099	0·093	0·085	0·073	0·069	0·055	0·029	0·033	0·023	0·007	0·001	9·987	0·064
8	9·965	9·965	9·955	9·951	9·939	9·933	9·919	9·907	9·909	9·893	9·882	9·860	9·850	9·853	9·847	9·846	9·834	9·840	9·846	9·838	9·821	9·830	9·834	9·842	9·882
9	9·842	9·846	9·842	9·839	9·842	9·844	9·830	9·840	9·856	9·879	9·893	9·893	9·897	9·907	9·913	9·935	9·939	9·949	9·955	9·973	9·973	9·971	9·969	9·977	9·900
10	9·963	9·963	9·961	9·971	9·965	9·963	9·969	9·969	9·991	9·994	9·993	9·985	9·981	9·973	9·957	9·975	9·975	9·981	9·979	9·983	9·967	9·961	9·979	9·961	9·973
11	9·947	9·947	9·937	9·940	9·935	9·927	9·927	9·939	9·931	9·937	9·922	9·924	9·912	9·898	9·912	9·912	9·924	9·926	9·930	9·926	9·920	9·928	9·932	9·928	9·927
12	9·920	9·914	9·892	9·882	9·870	9·872	9·858	9·844	9·836	9·820	9·806	9·783	9·771	9·749	9·726	9·712	9·700	9·682	9·654	9·638	9·638	9·644	9·676	9·690	9·774
13	9·696	9·700	9·700	9·700	9·704	9·710	9·708	9·714	9·715	9·712	9·706	9·698	9·684	9·676	9·669	9·670	9·674	9·680	9·688	9·692	9·686	9·696	9·696	9·692	9·694
14	9·680	9·682	9·672	9·672	9·652	9·649	9·628	9·610	9·592	9·558	9·513	9·481	9·441	9·399	9·367	9·339	9·313	9·287	9·257	9·227	9·199	9·181	9·173	9·163	9·447
15	9·151	**9·145**	**9·145**	9·149	9·173	9·207	9·215	9·283	9·333	9·401	9·450	9·478	9·508	9·544	9·560	9·590	9·628	9·658	9·684	9·698	9·718	9·734	9·744	9·754	9·456
16	9·754	9·754	9·758	9·760	9·762	9·768	9·774	9·788	9·794	9·802	9·801	9·801	9·809	9·805	9·823	9·828	9·827	9·859	9·873	9·885	9·895	9·907	9·917	9·921	9·819
17	9·931	9·933	9·931	9·929	9·925	9·923	9·923	9·929	9·931	9·931	9·929	9·911	9·905	9·891	9·881	9·877	9·885	9·877	9·863	9·861	9·861	9·859	9·849	9·848	9·899
18	9·842	9·819	9·815	9·811	9·799	9·801	9·801	9·813	9·811	9·811	9·803	9·789	9·777	9·763	9·757	9·749	9·747	9·751	9·743	9·737	9·735	9·725	9·719	9·705	9·776
19	9·689	9·679	9·665	9·655	9·646	9·647	9·651	9·655	9·657	9·661	9·650	9·652	9·658	9·674	9·684	9·696	9·704	9·724	9·740	9·770	9·783	9·800	9·818	9·832	9·700
20	9·840	9·854	9·862	9·864	9·876	9·896	9·916	9·946	9·962	9·980	9·983	9·997	0·003	0·023	0·033	0·065	0·083	0·103	0·119	0·143	0·145	0·169	0·187	0·197	0·010
21	0·206	0·218	0·232	0·240	0·256	0·278	0·293	0·317	0·330	0·346	0·358	0·347	0·350	0·348	0·346	0·362	0·371	0·384	0·378	0·370	0·378	0·396	0·398	0·404	0·329
22	0·393	0·390	0·382	0·378	0·382	0·392	**0·408**	0·406	0·400	0·388	0·397	0·394	0·384	0·376	0·372	0·382	0·368	0·368	0·370	0·368	0·358	0·358	0·359	0·364	0·381
23	0·357	0·353	0·343	0·333	0·321	0·313	0·301	0·305	0·311	0·327	0·329	0·321	0·307	0·293	0·283	0·283	0·279	0·281	0·275	0·281	0·269	0·269	0·257	0·257	0·302
24	0·246	0·243	0·231	0·215	0·211	0·211	0·209	0·215	0·209	0·211	0·207	0·204	0·199	0·195	0·193	0·198	0·199	0·211	0·211	0·225	0·225	0·227	0·222	0·217	0·214
25	0·208	0·206	0·203	0·194	0·188	0·176	0·170	0·174	0·177	0·169	0·147	0·133	0·120	0·091	0·089	0·087	0·073	0·063	0·049	0·036	0·021	0·013	9·993	9·985	0·115
26	9·973	9·957	9·935	9·903	9·885	9·865	9·858	9·861	9·869	9·889	9·903	9·927	9·940	9·961	9·979	0·011	0·033	0·065	0·093	0·121	0·133	0·141	0·151	0·165	9·984
27	0·156	0·164	0·152	0·146	0·142	0·140	0·148	0·144	0·140	0·152	0·152	0·153	0·145	0·129	0·142	0·141	0·145	0·159	0·143	0·147	0·147	0·135	0·115	0·097	0·142
28	0·094	0·079	0·055	0·018	9·994	9·997	9·971	9·969	9·975	9·945	9·929	9·911	9·887	9·831	9·797	9·751	9·717	9·676	9·643	9·597	9·563	9·589	9·577	9·587	9·840
29	9·581	9·593	9·624	9·671	9·671	9·691	9·697	9·709	9·719	9·713	9·697	9·687	9·655	9·637	9·627	9·633	9·609	9·639	9·631	9·649	9·665	9·683	9·685	9·709	9·661
30	9·729	9·763	9·801	9·865	9·887	9·922	9·949	9·993	0·019	0·041	0·047	0·045	0·041	0·025	0·005	0·005	9·984	9·987	9·975	9·969	9·975	9·965	9·951	9·943	9·954
MEAN.	9·861	9·861	9·856	9·854	9·850	9·852	9·852	9·861	9·866	9·873	9·872	9·868	9·863	9·857	9·854	9·858	9·859	9·866	9·865	9·868	9·866	9·871	9·870	9·870	9·862

BAROMETER. REDUCED TO 32° AND SEA LEVEL. FIRST FIGURE OMITTED. DECEMBER 1892.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	9·923	9·903	9·877	9·867	9·861	9·835	9·833	9·837	9·841	9·857	9·874	9·874	9·870	9·872	9·864	9·882	9·904	9·928	9·941	9·954	9·970	9·976	9·994	0·022	9·898
2	0·038	0·064	0·073	0·104	0·118	0·136	0·152	0·156	0·155	0·168	0·173	0·163	0·148	0·138	0·111	0·094	0·066	0·052	0·016	9·988	9·950	9·896	9·850	9·796	0·067
3	9·740	9·692	9·640	9·583	9·546	9·498	9·442	9·402	9·345	9·271	9·318	9·308	9·284	9·256	9·256	9·258	9·244	9·242	9·250	9·274	9·272	9·274	9·286	9·316	9·375
4	9·325	9·345	9·355	9·391	9·413	9·437	9·451	9·479	9·497	9·501	9·512	9·500	9·504	9·526	9·525	9·534	9·548	9·570	9·582	9·590	9·619	9·634	9·638	9·654	9·505
5	9·665	9·653	9·662	9·654	9·637	9·640	9·640	9·636	9·645	9·642	9·644	9·643	9·623	9·571	9·491	9·471	9·561	9·631	9·657	9·671	9·669	9·669	9·672	9·666	9·630
6	9·669	9·711	9·735	9·752	9·755	9·749	9·751	9·755	9·760	9·779	9·800	9·826	9·863	9·901	9·911	9·939	9·961	9·997	0·025	0·054	0·072	0·098	0·109	0·137	9·880
7	0·150	0·163	0·174	0·192	0·199	0·208	0·210	0·228	0·234	0·254	0·255	0·257	0·257	0·259	0·266	0·285	0·291	0·296	0·301	0·309	**0·321**	0·313	**0·321**	0·313	0·252
8	0·311	0·302	0·287	0·289	0·263	0·257	0·243	0·227	0·207	0·185	0·165	0·117	0·071	0·019	9·957	9·903	9·853	9·810	9·773	9·755	9·755	9·771	9·779	9·803	0·046
9	9·833	9·864	9·873	9·881	9·897	9·927	9·949	9·973	9·986	0·001	0·017	0·017	0·023	0·032	0·041	0·049	0·065	0·067	0·066	0·073	0·069	0·067	0·053	0·045	9·994
10	0·025	0·001	9·985	9·959	9·933	9·894	9·857	9·825	9·783	9·742	9·704	9·638	9·574	9·509	9·438	9·386	9·338	9·290	9·288	9·286	9·282	9·268	9·248	9·225	9·603
11	9·199	9·170	9·150	9·126	9·114	9·096	9·086	9·070	**9·066**	9·070	9·078	9·070	9·085	9·098	9·118	9·135	9·154	9·172	9·200	9·230	9·256	9·272	9·274	9·282	9·149
12	9·293	9·299	9·315	9·321	9·334	9·349	9·361	9·375	9·389	9·424	9·438	9·451	9·463	9·480	9·493	9·511	9·517	9·537	9·535	9·559	9·581	9·616	9·647	9·697	9·458
13	9·709	9·749	9·777	9·794	9·819	9·849	9·873	9·897	9·921	9·935	9·962	9·980	9·978	9·979	9·967	9·977	9·973	9·978	9·956	9·926	9·897	9·868	9·817	9·786	9·890
14	9·758	9·736	9·724	9·708	9·702	9·704	9·680	9·680	9·698	9·706	9·708	9·708	9·716	9·737	9·750	9·784	9·790	9·802	9·816	9·824	9·816	9·812	9·816	9·812	9·749
15	9·808	9·806	9·793	9·780	9·777	9·757	9·747	9·759	9·756	9·756	9·774	9·786	9·782	9·802	9·822	9·854	9·889	9·936	9·956	9·978	0·012	0·032	0·062	0·071	9·854
16	0·074	0·094	0·102	0·102	0·098	0·086	0·066	0·032	0·030	0·012	9·980	9·932	9·904	9·882	9·872	9·838	9·804	9·792	9·784	9·781	9·790	9·786	9·802	9·813	9·936
17	9·822	9·846	9·858	9·872	9·874	9·896	9·908	9·920	9·942	9·962	9·979	9·977	9·982	9·980	9·960	9·958	9·936	9·906	9·894	9·884	9·838	9·814	9·800	9·767	9·899
18	9·741	9·719	9·700	9·712	9·746	9·775	9·770	9·787	9·826	9·862	9·883	9·900	9·920	9·920	9·939	9·944	9·957	9·952	9·969	9·964	9·961	9·975	9·975	9·980	9·870
19	9·975	9·971	9·972	9·975	9·962	9·989	9·991	9·997	9·994	0·001	0·012	0·003	9·999	9·994	9·997	9·999	9·999	0·002	0·007	0·009	0·009	0·011	0·019	0·022	9·996
20	0·021	0·013	0·015	0·025	0·025	0·033	0·037	0·045	0·055	0·053	0·061	0·061	0·063	0·057	0·048	0·051	0·057	0·063	0·071	0·073	0·071	0·071	0·069	0·071	0·050
21	0·063	0·059	0·052	0·047	0·043	0·035	0·027	0·031	0·040	0·053	0·058	0·053	0·042	0·035	0·021	0·021	0·025	0·029	0·033	0·033	0·033	0·037	0·037	0·035	0·039
22	0·029	0·025	0·021	0·019	0·015	0·017	0·021	0·027	0·033	0·040	0·033	0·031	0·019	0·024	0·031	0·035	0·047	0·051	0·051	0·054	0·062	0·067	0·075	0·076	0·038
23	0·075	0·075	0·075	0·077	0·075	0·078	0·077	0·085	0·088	0·089	0·095	0·095	0·094	0·082	0·060	0·066	0·070	0·060	0·058	0·051	0·035	0·020	0·019	0·018	0·067
24	0·012	0·010	0·002	9·994	9·984	9·980	9·980	9·984	9·989	9·986	9·983	9·970	9·952	9·950	9·938	9·936	9·930	9·935	9·926	9·926	9·922	9·918	9·914	9·912	9·960
25	9·908	9·905	9·907	9·909	9·909	9·914	9·921	9·942	9·941	9·949	9·956	9·960	9·960	9·970	9·976	9·991	0·002	0·020	0·038	0·059	0·070	0·078	0·098	0·092	9·978
26	0·098	0·108	0·115	0·120	0·120	0·105	0·135	0·164	0·173	0·176	0·181	0·174	0·169	0·158	0·171	0·171	0·173	0·171	0·180	0·191	0·201	0·211	0·207	0·205	0·162
27	0·197	0·197	0·207	0·205	0·207	0·214	0·215	0·233	0·224	0·242	0·247	0·246	0·236	0·236	0·236	0·230	0·234	0·242	0·243	0·257	0·256	0·262	0·256	0·245	0·232
28	0·231	0·217	0·208	0·203	0·193	0·176	0·171	0·168	0·166	0·159	0·131	0·127	0·098	0·087	0·073	0·055	0·028	0·008	0·007	0·011	9·997	9·983	9·965	9·946	0·100
29	9·926	9·902	9·892	9·871	9·859	9·842	9·832	9·837	9·815	9·802	9·792	9·772	9·764	9·758	9·750	9·746	9·741	9·744	9·740	9·738	9·730	9·731	9·728	9·731	9·793
30	9·728	9·724	9·724	9·718	9·712	9·714	9·716	9·724	9·730	9·744	9·746	9·739	9·738	9·742	9·752	9·752	9·752	9·760	9·767	9·774	9·780	9·784	9·789	9·800	9·746
31	9·802	9·810	9·814	9·820	9·824	9·834	9·848	9·874	9·890	9·899	9·908	9·902	9·896	9·887	9·890	9·902	9·912	9·932	9·944	9·958	9·958	9·973	9·980	9·988	9·893
MEAN.	9·876	9·875	9·874	9·873	9·871	9·872	9·871	9·876	9·878	9·881	9·886	9·880	9·873	9·869	9·862	9·863	9·865	9·870	9·873	9·879	9·879	9·880	9·881	9·881	9·875

TEMPERATURE. DRY AND WET BULBS. JANUARY 1892.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	22·0	22·0	21·3	21·3	21·0	21·0	21·3	21·3	21·9	21·9	22·2	22·2	22·1	22·1	22·1	22·1	22·1	22·1	22·0	22·0	22·0	22·0	21·9	21·9	23·2	20·9
2	24·0	24·0	24·1	24·1	24·3	24·3	25·3	25·3	26·1	26·1	26·1	26·1	26·1	26·1	26·8	26·8	26·8	26·8	26·2	26·2	27·0	27·0	26·8	26·8	27·0	16·1
3	14·3	14·3	13·2	13·1	12·9	12·9	13·3	13·3	14·3	14·3	15·2	15·2	16·4	16·4	16·7	16·7	16·3	16·3	17·0	16·9	17·2	17·2	16·7	16·6	17·2	12·9
4	14·2	14·1	13·9	13·9	14·1	14·1	13·8	13·8	13·5	13·5	13·5	13·5	13·3	13·1	13·5	13·5	13 0	13·0	13·5	13·9	13·9	14·0	14·5	14·7	23·8	13·0
5	24·2	24·2	26·7	26·2	27·1	27·1	27·9	27·9	28·2	28·0	28·5	28·1	28·0	28·0	28·2	28·1	27·8	27·6	26·7	26·6	26·0	26·0	24·0	24·0	28·5	14·8
6	14·2	14·2	12·0	12·0	11·1	11·1	10·3	10·5	11·7	11·8	12·5	12·6	14·2	14·2	16·5	16·5	18·3	18·1	19·0	18·9	18·0	18·0	18·2	18·2	19·0	10·3
7	15·2	15·2	14·9	14·9	13·2	13·2	11·8	11·8	10·7	10·7	9·9	10·0	9·1	9·5	8·8	9·0	9·3	9·7	10·9	10·9	12·0	12·0	13·7	13·6	17·9	8·8
8	15·0	14·9	15·0	15·0	15·1	15·1	15·1	15·1	15·2	15·2	15·7	15·7	15·2	15·2	15·1	15·1	15·5	15·5	15·7	15·7	15·9	15·9	16·7	16·7	17·4	15·0
9	15·8	15·9	14·2	14·2	13·6	14·1	13·3	13·3	11·3	11·3	10·3	10·3	10·3	10·6	10·3	10·6	11·3	11·3	11·8	11·9	11·8	11·8	10·6	10·8	15·8	10·3
10	15·0	15·0	15·1	15·1	16·0	16·0	17·1	17·1	17·2	17·2	18·1	17·9	16·5	16·7	18·1	18·1	17·2	17·2	18·2	18·1	18·3	18·3	18·9	18·9	19·0	15·0
11	19·2	18·0	18·0	18·0	17·0	17·1	19·0	17·0	20·0	16·9	17·2	16·9	18·9	16·5	17·7	16·0	15·9	15·1	17·0	17·0	17·0	17·1	18·9	18·9	25·7	15·9
12	26·4	26·3	26·3	26·3	26·9	27·0	27·0	27·0	23·9	23·9	21·8	21·8	20·8	20·9	19·0	19·0	17·5	17·8	16·5	17·0	15·2	15·6	15·1	15·2	27·0	11·5
13	15·4	12·0	15·5	12·1	16·5	13·3	16·4	14·1	12·1	11·8	13·3	13·3	15·1	15·1	15·2	15·2	16·9	16·9	18·1	18·0	19·2	19·1	19·9	19·9	21·1	12·1
14	20·2	20·2	20·1	20·1	20·3	20·3	20·7	20·6	19·2	19·2	19·6	19·6	19·8	19·8	19·4	19·4	19·7	19·7	19·8	19·8	20·1	20·1	20·3	20·8	22·0	18·1
15	19·2	19·2	18·4	18·4	17·4	17·6	16·1	16·2	16·7	15·0	15·7	15·2	15·3	14·9	15·0	15·2	15·3	15·8	15·5	15·8	16·2	16·5	15·8	16·0	19·2	15·0
16	15·0	15·0	15·3	15·3	16·1	16·1	16·3	16·3	17·1	17·1	17·1	17·1	17·8	17·8	17·9	17·9	17·8	17·8	17·5	17·5	17·0	17·0	16·5	16·5	17·9	14·6
17	16·2	16·2	16·1	16·1	16·9	16·9	17·6	17·6	18·2	18·2	18·4	18·4	18·4	18·4	18·5	18·5	19·0	19·0	19·0	19·0	19·7	19·7	20·2	20·1	22·1	16·1
18	22·1	22·1	22·3	22·3	22·4	22·4	22·2	22·3	23·0	23·0	24·0	24·0	23·6	23·6	24·0	24·0	23·8	23·8	23·7	23·7	24·1	24·0	24·6	24·6	29·3	22·1
19	27·1	27·1	27·4	27·4	27·9	27·9	27·2	27·2	26·4	26·4	25·9	25·9	26·0	26·0	26·0	26·0	25·8	25·8	25·5	25·5	26·2	26·1	25·9	25·9	27·9	23·0
20	22·4	22·4	22·1	22·1	21·4	21·4	21·2	21·2	21·9	21·9	22·0	22·0	22·1	22·1	22·2	22·2	22·4	22·4	22·1	22·1	21·7	21·7	22·0	22·0	22·4	21·2
21	22·0	22·0	22·0	22·0	22·1	22·1	21·8	21·8	21·9	21·9	21·9	21·9	21·4	21·4	21·1	21·1	21·0	21·0	21·7	21·7	22·3	22·3	23·0	23·0	25·2	21·0
22	20·6	20·6	21·2	21·2	21·1	21·1	21·2	21·2	21·9	21·9	22·1	22·1	22·9	22·9	23·2	23·2	23·2	23·2	24·0	24·0	24·3	24·3	24·2	24·2	26·5	20·6
23	25·3	25·3	24·9	25·0	24·3	24·3	24·1	24·1	24·0	24·0	23·9	23·9	24·9	24·9	24·9	24·9	25·1	25·1	25·7	25·7	26·0	26·0	26·0	26·0	32·2	23·9
24	27·1	27·1	26·1	26·1	25·7	25·7	25·7	25·7	24·8	24·8	24·0	24·0	23·7	23·7	22·6	22·6	23·0	23·0	22·1	22·1	22·8	22·8	23·1	23·1	27·1	22·1
25	23·7	23·7	23·0	22·9	22·8	22·8	23·3	23·3	23·2	23·2	23·3	23·3	23·4	23·4	23·4	23·4	23·8	23·8	24·2	24·2	24·9	24·9	25·8	25·8	27·0	22·8
26	26·1	26·1	26·4	26·4	27·0	27·0	28·0	28·0	28·7	28·7	29·8	29·8	30·6	30·6	31·8	31·5	32·0	32·0	32·4	32·2	33·4	33·4	33·9	33·9	35·2	26·1
27	34·7	34·7	35·0	35·0	34·9	34·9	34·8	34·8	34·6	34·6	34·5	34·5	34·3	34·3	33·9	33·9	32·8	32·8	31·9	32·1	30·7	30·5	30·2	30·2	35·0	22·0
28	21·3	21·3	20·9	20·9	21·9	21·9	22·0	22·0	22·4	22·4	23·0	23·0	24·1	24·1	24·2	24·2	24·6	24·6	25·6	25·6	26·6	26·6	32·2	32·2	36·2	20·9
29	36·9	36·9	37·0	37·0	36·8	36·8	36·4	36·4	36·3	36·3	36·6	36·6	36·7	36·7	36·8	36·8	36·9	36·9	37·2	37·2	37·2	37·2	37·2	37·2	37·2	30·2
30	28·0	28·0	28·2	28·2	27·0	27·0	26·0	26·0	26·2	26·2	26·0	26·0	25·0	25·2	25·1	25·1	25·5	25·5	24·9	24·9	25·9	25·9	25·2	25·2	28·2	23·1
31	23·8	23·8	23·8	23·8	23·1	23·1	23·3	23·3	23·4	23·4	23·4	23·4	23·6	23·6	23·8	23·8	23·9	23·9	24·9	24·9	25·2	25·2	26·0	26·0	32·2	23·1
MEAN.	21·5	21·3	21·3	21·2	21·2	21·1	21·3	21·1	21·2	21·0	21·1	21·1	21·3	21·2	21·3	21·3	21·4	21·4	21·6	21·6	21·9	21·9	22·2	22·2	25·3	18·1

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	22·0	22·0	22·1	22·1	22·0	22·0	21·1	21·1	21·4	21·3	21·3	21·3	20·9	20·9	21·2	21·1	22·2	22·2	23·2	23·2	22·9	22·9	23·2	23·2	21·9	21·9
2	27·0	27·0	26·9	26·9	27·0	27·0	26·5	26·5	24·1	24·1	22·1	22·1	22·0	22·0	22·1	22·1	20·8	20·7	19·1	19·1	18·0	18·1	16·1	16·1	24·2	24·2
3	16·6	16·6	16·2	16·2	15·5	15·6	15·1	15·1	14·9	14·9	15·2	15·1	14·5	14·5	14·7	14·7	14·3	14·3	14·3	14·2	14·2	14·2	14·4	14·4	15·1	15·1
4	14·8	14·9	15·5	15·5	14·0	14·0	14·1	14·1	15·2	15·1	16·3	16·3	17·0	17·0	18·8	18·8	19·8	19·8	21·0	21·0	22·2	22·2	23·8	23·8	15·7	15·7
5	22·8	22·9	21·0	21·1	19·3	19·3	17·7	17·7	17·6	17·7	16·0	16·0	15·5	15·2	16·0	16·0	16·2	16·2	15·1	15·1	15·2	15·2	14·8	14·8	22·1	22·0
6	17·3	17·3	16·2	16·2	16·1	16·2	16·8	16·8	18·0	18·0	17·9	17·9	17·2	17·2	17·0	17·0	16·2	16·2	16·1	16·1	15·8	15·9	15·9	15·9	15·7	15·7
7	14·2	14·0	13·1	13·0	12·4	12·6	14·2	14·2	16·2	16·1	17·3	17·3	17·9	17·8	17·3	17·3	16·4	16·4	15·8	15·8	15·0	15·1	15·1	15·1	13·5	13·6
8	17·1	17·1	17·2	17·2	17·4	17·4	16·9	16·9	17·2	17·2	16·9	16·9	16·5	16·5	16·3	16·3	16·2	16·2	16·6	16·6	16·5	16·5	16·4	16·4	16·1	16·1
9	10·9	11·1	10·8	11·0	11·0	11·0	11·1	11·1	12·1	12·1	12·1	12·1	12·6	12·6	12·2	12·2	12·9	12·9	12·9	12·9	13·2	13·2	13·3	13·3	12·1	12·2
10	18·6	18·6	18·8	18·8	18·2	18·1	18·4	18·4	18·8	18·8	17·7	17·7	17·7	17·7	18·6	18·8	18·8	18·8	18·7	18·7	18·4	18·5	19·0	19·0	17·8	17·8
11	20·2	20·2	20·7	20·7	21·7	21·5	21·1	21·1	22·6	22·3	22·8	22·8	23·0	23·0	22·9	22·9	22·7	22·7	24·1	24·1	25·0	25·0	25·7	25·7	20·3	19·9
12	13·8	14·1	12·5	12·8	12·3	12·3	11·5	11·3	14·6	12·3	15·2	13·1	14·8	11·6	14·1	11·5	11·6	10·7	14·2	11·1	15·2	11·9	13·3	11·4	17·5	16·7
13	19·8	19·8	19·6	19·6	20·0	20·0	19·8	19·8	21·1	21·1	21·1	21·1	20·2	20·2	20·0	20·0	20·0	20·1	20·8	20·8	20·2	20·2	20·3	20·3	18·2	17·7
14	20·2	20·7	19·2	19·2	18·1	18·0	18·5	18·6	20·1	19·9	20·1	20·1	21·1	21·1	22·0	22·0	21·3	21·3	21·1	21·1	20·8	20·8	20·0	20·0	20·1	20·1
15	15·5	15·8	15·0	15·1	15·2	15·3	16·2	16·2	16·9	16·9	16·3	16·3	16·0	16·0	16·0	16·0	15·7	15·7	15·2	15·2	15·2	15·2	15·1	15·1	16·0	16·0
16	15·7	16·0	15·2	15·6	15·0	15·0	14·7	14·7	14·6	14·7	15·0	15·0	15·0	15·0	15·0	15·0	15·1	15·1	15·3	15·3	15·2	15·2	16·0	16·0	16·0	16·0
17	20·6	20·5	20·8	20·8	20·8	20·8	20·8	20·8	21·4	21·3	21·9	21·9	22·0	22·0	22·0	22·0	22·0	22·0	22·1	22·1	22·0	22·0	21·7	21·7	19·8	19·8
18	24·7	24·7	25·0	25·0	29·0	28·8	29·0	28·9	29·3	29·2	27 2	27·2	25·3	25·3	25·9	25·9	25·4	25·4	27·0	27·0	26·8	26·8	27·7	27·7	25·1	25·1
19	26·1	26·1	27·7	27·0	24·1	24·6	23·4	23·9	23·0	23·1	24·3	24·2	24·1	24·1	23·9	23·9	24·0	24·0	23·9	23·9	23·2	23·2	23·1	23·1	25·3	25·3
20	21·8	21·8	21·4	21·5	22·2	22·3	22·1	22·1	21·8	21·8	22·0	22·0	22·0	22·0	22·3	22·3	22·4	22·4	22·2	22·2	22·2	22·2	22·4	22·4	22·0	22·0
21	23·2	23·2	24·0	24·0	24·7	24·7	25·1	25·1	25·2	25·2	25·0	25·0	24·9	24·9	24·1	24·1	24·2	24·2	22·1	22·1	22·0	22·0	21·2	21·2	22·8	22·8
22	24·9	24·9	24·5	24·5	24·3	24·4	24·2	24·2	24·8	24·8	24·9	24·9	25·1	25·1	25·2	25·2	25·4	25·4	26·0	26·0	26·5	26·5	25·9	26·1	23·8	23·8
23	26·3	26·3	26·6	26·6	29 3	29·1	32·2	32·0	32·1	32·1	32·2	32·2	32 2	32·2	30·9	30·9	29·1	29·1	28·8	28·8	28·9	28·9	27·9	27·9	27·3	27·3
24	23·1	23·1	23·7	23·7	22·9	22·9	23·3	23·3	23·1	23·1	23·1	23·1	23·6	23·6	23·4	23·4	23·2	23·2	22·9	22·9	22·9	22·9	23·2	23·2	23·7	23·7
25	25·6	25·6	25·8	25·8	25·9	25·9	25·8	25·8	25·5	25·5	25·4	25·4	25·9	25·9	26·0	26·0	26·2	26·2	27·0	26·9	26·9	26·9	26·4	26·4	24·9	24·9
26	32·4	32·4	32·0	28·0	32·2	28·1	32·3	27·8	32·0	28·3	34·7	33·0	35·2	35·2	34·7	34·7	34·9	34·9	34·1	34·1	34·9	34·9	35·1	35·1	31·9	31·1
27	29·2	29·2	27·8	27·8	27·6	27·6	26·3	26·3	25·8	25·8	24·8	24·8	23·9	23·9	22·4	22·4	22·2	22·2	22·1	22·1	22·0	22·0	22·2	22·2	29·1	29·1
28	34·0	34·0	34·2	34·2	33·9	33·9	33·8	33·8	33·9	33·9	34·0	34·0	34·7	34·7	35·0	35·0	35·1	35·1	35·3	35·3	35·4	35·4	36·2	36·2	29·3	29·3
29	37·0	37·0	37·0	36·9	36·9	36·9	36·5	36·5	36·1	36·1	36·3	36·3	36·3	36·3	36·1	36·1	35·8	35·8	32·0	32·1	32·1	32·1	30·2	30·2	36·0	36·0
30	25·5	25·5	25·8	25·8	25·9	25·9	24·9	24·9	25·0	25·0	24·6	24·6	24·1	24·1	23·2	23·2	23·1	23·1	24·1	24·1	23·9	23·9	24·1	24·1	25·3	25·3
31	25·8	25·8	26·1	26·1	25·7	25·7	25·0	25·0	27·2	27·2	28·5	28·5	28·8	28·8	29·9	29·9	30·0	30·0	32·1	32·0	32·1	32·1	32·2	32·2	26·3	26·3
MEAN.	22·2	22·2	22·0	21·9	22·0	21·8	21·9	21·7	22·3	22·1	22·3	22·2	22·3	22·1	22·2	22·2	22·0	22·0	22·1	22·0	22·1	22·0	22·0	21·9	21·8	21·7

TEMPERATURE. DRY AND WET BULBS. JANUARY 1892.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	38·1	36·1	39·5	36·7	38·4	36·3	39·0	36·9	38·5	37·0	39·1	37·1	38·9	37·2	38·1	36·3	38·5	36·9	39·6	37·4	39·3	37·2	40·0	37·6	41·3	38·0
2	40·8	38·7	40·4	38·2	41·4	38·9	41·1	39·3	41·0	39·9	42·4	40·3	43·1	40·4	42·3	40·9	43·0	41·1	43·3	40·8	44·0	41·2	44·3	41·0	45·4	35·8
3	34·8	32·2	34·4	31·6	34·8	31·4	33·8	30·9	33·9	32·0	35·0	32·0	34·1	32·3	34·9	32·3	35·9	32·8	36·2	33·7	36·2	33·7	35·8	33·6	37·1	30·9
4	33·9	30·5	34·2	30·1	33·8	30·6	34·1	30·3	33·2	30·6	33·9	30·7	34·0	[32·7]	33·3	[33·0]	33·8	[33·4]	31·2	29·0	32·0	29·2	34·0	31·9	37·8	30·3
5	38·6	37·8	39·9	39·0	41·9	40·2	42·1	40·9	43·0	41·3	43·1	41·8	43·3	41·8	43·8	41·9	45·2	41·8	44·7	41·0	42·8	40·2	43·0	38·8	45·2	33·1
6	34·0	32·0	32·5	29·8	32·1	28·5	30·5	27·9	30·7	28·5	32·3	29·2	33·7	30·9	34·0	32·0	34·2	[32·2]	35·9	33·4	36·1	34·1	34·9	33·6	37·1	29·5
7	32·6	31·0	32·1	30·8	31·9	30·2	31·1	28·2	30·7	28·0	29·3	27·8	29·2	26·3	25·0	24·0	27·0	26·4	28·0	27·0	27·0	27·3	28·0	27·3	34·3	23·4
8	31·4	31·3	31·3	31·2	32·7	31·3	31·4	30·8	31·5	30·5	32·0	31·3	33·3	31·0	32·2	30·6	31·9	31·3	31·3	31·3	31·4	31·4	31·5	[31·5]	34·0	30·3
9	33·0	31·6	31·3	29·9	31·9	29·9	31·2	29·2	27·2	26·2	25·7	24·1	25·1	23·7	25·9	24·7	30·1	26·8	27·9	26·8	27·1	25·7	25·7	24·6	33·0	23·0
10	31·1	30·3	31·4	30·9	34·0	32·4	33·4	33·1	34·3	33·3	33·0	32·7	33·9	33·0	33·8	32·9	33·6	32·8	34·8	33·6	35·2	33·9	35·6	34·4	35·9	30·9
11	31·2	29·9	32·5	31·0	32·4	31·1	32·7	31·1	31·2	29·9	29·8	28·5	28·3	27·2	26·7	25·5	25·9	25·3	25·9	25·1	26·0	25·2	27·2	26·2	36·8	24·8
12	37·1	36·8	37·0	37·0	38·0	37·8	37·0	36·6	34·9	34·3	36·0	34·7	34·7	33·9	34·0	32·2	33·9	32·1	34·0	31·2	34·1	31·0	33·7	30·9	38·2	20·1
13	18·9	18·3	18·8	18·0	19·9	18·9	17·8	17·3	19·0	18·8	18·3	18·2	18·2	18·2	19·9	19·3	22·0	21·4	23·9	22·9	26·3	25·1	31·0	29·1	37·5	**17·0**
14	37·3	35·1	37·0	34·8	36·2	34·9	33·8	33·2	33·3	33·0	34·1	33·8	35·0	34·2	34·9	33·8	33·2	33·0	33·9	33·4	34·3	33·9	34·9	34·3	38·2	33·0
15	36·0	34·3	34·1	32·9	33·3	31·7	31·3	29·8	31·6	29·9	27·6	28·6	25·7	24·9	24·9	23·8	25·0	23·8	26·9	25·7	28·3	26·9	30·3	28·2	37·1	23·5
16	34·7	31·7	35·8	32·3	35·8	31·9	35·7	31·7	36·0	[32·0]	35·9	[32·0]	36·8	[32·0]	36·9	[32·0]	37·1	[32·0]	37·0	[31·9]	36·9	[32·0]	35·3	[31·8]	39·9	34·1
17	36·3	[32·0]	36·7	[32·0]	37·0	[32·0]	37·7	[32·0]	38·1	[32·0]	38·3	32·7	38·7	33·1	38·1	33·9	38·6	34·1	38·7	34·0	39·2	34·8	39·0	35·1	40·9	35·5
18	39·3	36·2	39·6	36·2	41·2	37·8	40·7	37·0	40·4	36·9	41·1	37·3	42·0	38·2	41·8	37·9	41·2	38·0	40·9	37·8	41·1	38·0	40·6	37·7	42·9	38·1
19	38·1	37·3	38·1	37·4	38·1	37·3	37·5	36·9	37·6	37·0	37·1	36·6	37·6	36·8	36·6	36·0	38·0	37·2	36·0	35·6	37·0	36·3	38·2	37·2	39·9	34·9
20	37·2	36·2	37·7	36·3	37·0	36·1	36·7	35·7	36·1	35·5	36·2	35·6	36·0	35·4	36·0	35·3	35·9	35·2	36·4	35·4	36·4	35·8	37·8	36·7	39·0	35·2
21	37·6	36·6	37·4	36·3	37·0	36·1	38·2	37·0	39·7	36·3	39·5	36·6	39·9	36·1	39·0	35·9	39·9	36·2	40·7	36·9	40·7	37·3	41·7	37·7	42·2	37·0
22	39·4	36·3	38·0	35·6	37·9	35·4	37·6	35·9	38·1	36·2	37·4	36·3	38·0	37·0	39·3	37·8	39·2	37·7	39·0	38·0	39·7	38·5	39·9	38·5	41·0	37·0
23	40·9	40·2	39·9	38·8	40·0	38·7	39·9	38·6	39·1	38·1	39·0	38·2	39·8	38·7	39·9	38·8	40·2	39·3	42·9	39·9	43·2	40·2	43·5	40·4	45·3	38·3
24	43·9	41·0	42·6	40·3	41·2	39·0	42·0	39·2	41·9	39·0	40·3	38·1	40·1	37·7	39·0	36·4	41·2	38·0	39·9	36·9	40·9	37·5	38·0	36·9	44·2	37·7
25	39·6	38·0	39·9	37·4	40·1	37·0	40·3	37·8	40·6	38·1	41·6	38·2	41·5	38·2	39·9	37·5	39·3	37·5	39·9	38·3	41·2	39·1	42·5	40·0	43·4	38·4
26	42·8	40·4	42·4	40·3	42·6	40·5	41·9	40·5	42·1	40·7	41·2	40·6	41·4	41·1	42·1	41·6	42·8	42·3	43·7	43·3	46·1	45·6	47·8	47·0	48·7	41·2
27	46·8	46·4	46·5	46·2	47·8	47·2	46·8	46·4	46·7	46·3	45·9	45·5	46·0	45·8	45·9	45·6	46·1	45·8	46·0	43·7	46·3	44·4	45·2	43·7	47·8	37·4
28	39·0	36·4	38·3	36·1	40·7	36·8	39·0	36·7	41·3	37·6	40·8	37·7	41·4	38·4	40·1	38·5	39·4	38·0	39·5	38·2	39·8	38·3	42·3	41·7	50·8	37·9
29	51·0	49·4	51·3	49·5	51·0	49·5	50·8	49·2	51·0	49·2	50·9	49·1	51·4	49·4	50·9	49·4	52·5	49·8	52·4	49·9	53·3	50·4	53·9	50·4	**53·9**	48·4
30	48·0	42·4	47·0	42·9	47·0	41·4	46·8	40·9	46·4	41·1	46·4	40·3	45·8	40·0	45·7	40·3	45·0	40·4	45·3	40·9	45·6	40·6	45·0	40·5	48·8	41·0
31	43·1	38·8	43·0	38·7	42·7	38·4	41·9	38·4	42·4	38·4	39·9	37·6	42·2	38·4	40·9	38·4	39·9	37·6	40·5	38·3	42·5	39·5	43·3	40·5	48·2	38·2
MEAN	37·6	35·7	37·4	35·4	37·7	35·5	37·2	35·1	37·1	35·1	36·9	34·9	37·1	35·0	36·6	34·8	37·1	35·3	37·3	35·2	37·7	35·6	38·2	36·1	41·5	33·4

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	41·3	38·7	40·9	38·1	40·1	37·7	39·7	37·2	39·9	36·9	40·2	36·8	39·3	36·0	38·1	35·2	38·2	35·6	38·2	36·9	39·3	37·3	40·0	38·3	39·3	37·0
2	44·9	41·3	44·9	41·3	44·2	41·7	43·6	41·3	43·7	39·9	43·2	38·2	42·0	38·2	39·1	37·4	39·8	36·9	38·1	35·5	36·5	34·7	36·4	33·2	41·8	39·2
3	36·7	33·7	34·3	32·8	34·3	32·8	32·9	[32·0]	35·2	[32·0]	34·6	[32·0]	32·7	[32·0]	32·8	31·3	32·4	30·7	32·5	30·8	32·5	30·7	32·6	30·8	34·3	32·1
4	34·7	32·1	34·9	32·1	33·3	32·2	31·9	31·6	31·4	28·9	30·3	28·2	32·8	30·3	33·0	31·9	33·4	[32·9]	34·2	[32·2]	36·4	35·7	37·8	36·3	33·6	31·5
5	42·3	37·4	41·2	36·3	40·8	35·8	39·9	33·8	39·2	33·8	39·1	32·4	38·0	32·0	35·0	32·9	36·9	32·9	35·3	32·3	34·5	[32·2]	33·9	32·1	40·3	37·1
6	36·0	33·2	37·1	32·1	34·9	31·8	35·2	32·4	33·2	32·2	32·9	32·6	32·7	32·5	32·5	32·3	30·2	[30·2]	30·3	[30·3]	30·2	30·0	30·7	30·3	33·2	31·4
7	26·9	25·6	25·9	24·4	26·9	25·2	27·4	26·5	26·2	26·1	27·0	26·9	31·2	30·0	31·0	29·8	33·8	32·1	33·0	31·1	32·7	[31·5]	32·1	31·7	29·4	28·1
8	32·0	[31·8]	32·6	[32·0]	32·9	[31·9]	32·7	[32·2]	33·3	[32·4]	34·0	32·8	32·9	[32·5]	33·5	[32·2]	32·1	[32·3]	31·9	[32·0]	31·8	31·4	32·9	31·8	32·3	31·7
9	25·9	24·7	25·2	24·3	24·0	23·0	24·0	23·3	24·2	23·9	25·7	25·6	29·9	28·1	27·6	26·1	30·0	28·0	29·0	27·6	30·1	28·0	30·8	29·2	27·4	26·5
10	35·0	34·0	35·7	33·7	34·7	33·0	35·3	33·0	34·9	33·0	35·2	33·8	35·8	33·5	35·7	33·8	33·6	32·0	33·9	32·0	32·5	31·0	33·8	32·0	34·2	32·8
11	30·9	29·3	31·8	30·2	32·7	31·3	33·0	32·0	33·3	32·8	33·7	33·0	33·8	33·4	34·2	33·9	35·2	34·8	35·7	35·0	36·2	35·7	36·8	36·1	31·5	30·6
12	33·7	31·7	32·1	31·3	29·8	27·4	27·9	25·9	26·8	24·8	25·0	23·4	25·0	23·6	24·0	22·9	22·7	21·3	22·6	21·3	21·4	20·3	20·1	19·1	30·6	29·2
13	35·7	[32·0]	37·3	34·3	35·1	34·0	34·6	33·9	34·9	34·3	33·2	33·0	35·0	34·2	34·7	33·9	35·0	34·1	35·9	34·8	35·2	34·4	35·0	34·2	28·2	27·2
14	35·4	34·0	34·9	33·8	35·3	33·3	35·8	33·3	34·0	33·3	34·9	33·7	34·9	34·1	35·2	34·7	36·0	35·0	37·9	35·8	36·9	35·3	36·3	34·8	35·2	34·1
15	32·3	29·7	32·3	29·8	35·0	31·0	35·0	33·6	35·3	31·8	35·0	34·5	35·1	35·0	35·2	35·1	35·1	34·7	34·7	31·6	35·0	30·7	34·7	31·1	32·1	30·4
16	35·9	[32·0]	36·5	30·6	35·5	31·1	35·4	31·4	35·7	30·3	36·0	32·0	38·2	[32·0]	38·0	[32·0]	38·0	[31·8]	38·0	[31·5]	36·2	[32·0]	36·7	[32·0]	36·4	31·8
17	39·7	35·7	38·9	35·2	38·9	35·6	39·9	36·0	39·9	35·9	40·3	36·3	39·9	36·4	40·2	36·6	40·6	36·9	39·9	36·5	40·3	36·6	40·4	36·2	39·0	34·7
18	41·1	38·3	40·5	38·1	40·6	38·1	40·1	38·0	39·7	37·9	39·0	38·0	38·8	38·0	38·6	37·8	38·8	37·9	38·8	37·8	38·3	37·7	38·8	37·8	40·1	37·7
19	39·0	37·7	39·0	37·8	39·8	38·0	38·4	37·2	37·9	37·0	36·7	35·8	36·2	35·0	36·8	35·7	37·7	36·3	36·9	35·8	37·3	36·1	37·0	36·1	37·6	36·7
20	38·2	36·8	38·8	37·0	38·1	36·6	37·6	35·9	36·5	34·9	37·0	35·5	36·3	35·1	35·6	34·7	36·7	35·4	36·9	35·7	37·3	36·0	37·7	36·9	36·9	35·8
21	41·7	38·1	41·2	38·3	41·0	38·6	39·9	38·0	38·7	37·7	40·5	38·4	40·5	39·0	40·0	38·4	40·9	38·9	39·0	36·8	38·8	36·4	37·6	35·9	39·6	37·2
22	40·6	39·2	40·0	39·0	39·7	38·5	39·8	38·7	40·0	39·1	40·0	39·4	40·1	39·5	40·1	39·6	40·4	39·8	40·8	40·2	40·7	40·3	41·0	40·4	39·4	38·2
23	43·0	40·5	43·1	40·4	42·2	41·0	41·9	41·0	42·2	41·6	42·6	42·2	43·8	43·2	44·8	43·8	45·2	43·2	44·8	43·6	44·9	43·0	43·3	40·9	42·1	40·6
24	39·1	37·4	39·6	38·0	41·0	38·4	39·0	37·4	38·4	37·1	39·8	37·5	39·8	37·7	40·2	38·1	38·9	37·4	39·0	37·1	39·2	37·3	39·8	37·8	40·2	38·0
25	42·9	40·3	43·2	40·6	42·9	40·3	41·8	39·6	41·9	40·3	41·8	40·1	42·1	40·6	41·8	40·9	42·2	40·8	42·4	41·0	42·3	41·2	42·6	41·3	41·4	39·3
26	48·2	47·3	48·3	46·6	47·7	44·8	45·6	43·7	44·5	43·0	44·0	43·4	44·4	44·2	44·8	44·4	45·9	45·4	46·1	45·7	46·6	46·3	47·0	46·6	44·6	43·6
27	45·0	42·7	45·1	42·5	44·9	41·8	43·0	40·4	43·1	40·3	44·0	40·0	43·1	38·7	41·3	37·7	39·2	36·9	40·4	37·2	41·4	37·1	39·9	37·3	44·4	42·5
28	50·1	47·4	49·9	47·4	49·1	47·1	49·1	47·0	48·3	46·7	48·3	46·9	48·7	47·3	48·6	47·3	49·0	48·0	49·4	48·3	50·0	48·5	50·8	49·1	44·7	42·7
29	53·0	50·3	52·5	49·8	52·1	50·2	50·0	49·4	50·0	49·3	50·7	49·4	50·7	49·3	50·0	48·6	50·4	48·6	49·1	45·4	48·9	45·4	48·5	44·2	51·1	49·0
30	44·3	40·5	43·9	40·4	44·9	40·5	43·9	39·7	42·7	39·7	43·3	39·7	43·8	39·4	43·6	39·1	44·1	39·2	42·9	39·3	43·9	39·0	42·3	39·1	44·9	40·3
31	43·7	41·1	43·5	41·6	43·8	41·8	43·2	41·2	44·2	41·0	44·4	41·6	45·7	42·4	46·0	43·3	45·8	43·3	47·5	45·7	48·1	46·1	47·8	45·8	43·6	40·7
MEAN	39·0	36·6	38·9	36·4	38·6	36·3	38·0	36·0	37·7	35·7	37·8	35·9	38·2	36·2	37·8	36·2	38·0	36·2	37·9	36·0	37·9	36·1	37·9	36·1	37·7	35·7

TEMPERATURE. DRY AND WET BULBS. FEBRUARY 1892.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	32·3	32·3	32·2	32·2	32·2	32·2	32·0	32·0	27·1	27·1	25·3	25·3	25·6	25·6	24·2	24·2	22·9	22·9	22·9	22·9	23·7	23·7	24·0	24·0	32·3	20·1
2	19·3	19·4	18·0	18·0	16·6	16·6	15·9	15·9	15·3	15·3	15·3	15·3	15·8	15·8	16·1	16·1	16·8	16·8	17·8	17·8	20·0	20·0	20·9	20·9	24·4	15·3
3	20·8	20·8	19·1	19·1	18·9	19·0	18·8	18·8	18·5	18·5	18·9	18·9	18·8	18·8	18·6	18·6	18·1	18·1	18·6	18·6	18·3	18·3	18·7	18·7	20·8	17·0
4	17·3	17·3	16·5	16·5	18·2	18·2	18·1	18·1	19·0	19·0	20·2	20·2	20·2	20·2	20·2	20·2	20·7	20·7	21·7	21·7	24·2	24·2	25·2	25·2	26·0	16·5
5	23·2	23·2	21·0	21·0	20·3	20·3	20·6	20·6	21·1	21·1	21·2	21·2	21·1	21·1	20·3	20·3	20·5	20·5	21·0	21·0	20·7	20·7	20·9	20·9	23·2	20·3
6	21·3	21·3	21·3	21·3	21·2	21·2	20·8	20·8	21·2	21·2	21·3	21·3	21·4	21·4	21·4	21·4	22·1	22·1	22·8	22·8	23·5	23·5	24·3	24·3	25·0	20·8
7	25·1	25·1	25·1	25·1	25·8	25·8	27·0	27·0	29·5	29·5	30·7	30·7	31·9	31·9	32·2	32·2	33·1	33·1	33·5	33·5	33·6	33·6	33·8	33·8	33·8	25·1
8	27·0	27·1	26·7	26·7	28·0	28·0	27·1	27·1	27·1	27·1	26·5	26·5	26·4	26·4	26·2	26·2	26·3	26·3	27·1	27·1	28·1	28·1	28·9	28·9	32·8	25·1
9	32·4	28·0	28·9	28·9	30·9	27·8	30·0	30·0	32·3	32·3	33·9	33·9	33·9	33·9	33·1	33·1	37·0	37·0	37·9	37·9	38·8	38·8	40·1	40·1	**40·1**	28·9
10	30·8	30·8	30·3	30·3	30·3	30·3	30·7	30·7	30·5	30·5	30·4	30·4	30·2	30·2	30·2	30·2	30·4	30·4	30·5	30·5	30·9	30·9	31·1	31·1	34·0	30·2
11	33·1	33·1	33·0	33·0	32·8	32·8	32·0	32·0	31·2	31·2	31·1	31·1	31·1	31·1	30·6	30·6	30·1	30·1	31·0	31·0	31·1	31·1	30·9	30·9	33·1	29·2
12	29·0	29·0	28·9	28·9	29·8	29·8	30·0	30·0	30·8	30·8	31·1	31·1	31·5	31·5	31·9	31·9	32·0	31·9	32·0	31·9	32·2	32·2	32·3	32·2	32·3	27·3
13	27·7	25·7	28·0	25·4	25·9	24·0	24·8	23·9	24·1	23·1	24·2	23·1	24·1	23·7	23·0	23·1	23·1	23·3	24·1	24·3	25·1	25·1	25·0	24·8	28·1	23·0
14	27·8	27·8	28·1	28·1	28·1	28·1	27·7	27·7	28·1	28·1	28·2	28·2	27·8	27·8	27·5	27·5	27·6	27·6	27·9	27·9	28·0	28·0	29·0	29·2	29·6	21·3
15	20·9	20·9	19·7	19·7	19·1	19·1	18·0	18·0	17·2	17·2	16·2	16·2	14·3	14·3	14·6	14·6	13·8	13·9	14·4	14·4	15·0	15·0	14·8	14·9	20·9	13·1
16	13·0	12·9	12·3	12·0	12·6	12·6	12·1	12·1	13·2	13·2	12·8	12·8	12·6	12·6	11·8	11·8	11·5	11·7	11·9	12·0	12·4	12·4	13·0	13·0	14·1	10·3
17	14·6	14·6	14·5	14·5	16·0	15·9	17·0	17·0	17·3	17·3	17·0	17·0	13·8	14·0	12·5	12·7	13·0	13·0	13·8	13·8	12·2	12·2	13·5	13·5	17·3	11·0
18	11·0	11·2	10·2	10·2	9·8	9·9	8·9	9·0	8·5	8·5	7·9	7·9	7·9	7·0	7·4	7·4	7·8	7·8	7·7	7·7	9·4	8·0	9·9	9·0	14·0	7·4
19	9·8	6·1	9·1	6·1	8·2	8·5	9·6	9·0	10·0	10·2	10·8	10·8	11·0	11·0	11·0	11·0	11·0	11·0	12·0	12·0	10·1	10·5	11·7	10·9	12·4	8·2
20	9·0	8·7	8·5	7·4	7·3	7·2	7·8	8·0	7·9	7·1	7·5	6·8	7·0	6·5	7·9	6·9	8·9	7·3	10·6	8·4	10·7	8·0	11·0	9·7	14·8	**7·0**
21	13·9	13·9	14·0	14·0	13·7	13·9	14·4	14·4	14·5	14·5	14·9	14·9	15·0	15·0	15·0	15·0	15·4	15·4	15·9	15·9	16·4	16·4	17·0	17·0	23·1	13·7
22	22·0	22·0	21·8	21·8	21·9	22·0	22·2	22·2	22·0	22·0	22·1	22·1	22·0	22·0	22·0	22·0	23·1	23·1	25·0	25·0	25·4	25·4	25·4	25·4	25·4	21·8
23	24·9	24·9	24·6	24·6	24·3	24·3	24·2	24·2	25·7	25·7	26·9	26·9	26·0	26·0	25·2	25·2	25·6	25·6	25·2	25·2	24·9	24·9	26·9	23·5	26·9	22·1
24	25·0	25·0	25·1	25·1	25·2	25·2	25·2	25·2	25·1	25·1	25·0	25·0	25·0	25·0	25·0	25·0	25·5	25·5	26·1	26·1	27·1	27·1	27·3	27·3	27·5	25·0
25	25·0	25·0	25·0	25·0	25·0	25·0	24·9	24·9	24·9	24·9	24·3	24·3	24·0	24·0	26·2	25·1	26·3	26·1	26·3	26·3	28·6	28·0	26·9	27·0	28·6	24·0
26	27·2	27·2	26·9	26·9	26·1	26·1	26·0	26·0	25·3	25·5	25·3	25·5	25·1	25·1	25·3	25·3	25·9	25·9	28·0	27·6	25·9	26·2	26·5	26·8	28·0	25·1
27	27·0	27·0	27·1	27·1	27·2	27·2	26·2	26·2	26·1	26·3	25·6	25·6	25·4	25·2	26·0	25·8	27·2	26·9	27·2	26·9	28·6	27·6	28·0	27·3	28·9	21·8
28	21·9	21·9	21·5	21·6	21·4	21·4	21·0	21·0	20·3	20·3	20·3	20·3	20·3	20·3	20·9	20·9	21·4	21·4	21·8	21·8	21·8	21·9	22·7	22·7	23·2	20·3
29	21·9	21·9	21·9	21·9	21·5	21·5	21·3	21·3	21·4	21·4	21·6	21·6	21·7	21·7	22·0	22·0	22·0	22·0	22·2	22·2	22·7	22·7	22·0	22·0	22·7	16·4
MEAN	22·6	22·2	22·0	21·8	22·0	21·9	21·9	21·8	21·9	21·9	21·9	21·9	21·8	21·7	21·7	21·6	22·0	22·0	22·7	22·6	23·1	22·9	23·5	23·3	25·6	19·6

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	25·6	25·6	25·7	25·7	25·2	25·2	24·9	24·9	23·9	23·9	23·6	23·6	23·0	23·0	22·3	22·3	22·1	22·1	22·1	22·1	20·1	20·1	20·3	20·3	25·1	25·1
2	22·1	22·1	24·4	24·4	24·2	24·2	23·7	23·7	22·9	22·9	22·2	22·2	22·7	22·7	23·2	23·2	23·3	23·3	22·9	22·9	22·0	22·0	21·4	21·4	20·1	20·1
3	18·6	18·6	18·4	18·5	17·7	17·9	17·7	17·8	17·8	17·8	17·0	17·0	18·1	18·1	18·0	18·0	17·5	17·6	18·1	18·1	17·1	17·2	18·0	18·0	18·3	18·4
4	26·0	26·0	23·0	23·0	23·0	23·0	21·6	21·7	21·9	21·9	21·5	21·5	22·6	22·6	22·1	22·1	22·3	22·3	23·1	23·1	22·2	22·2	23·0	23·0	21·4	21·4
5	21·1	21·1	22·0	22·1	21·1	21·1	20·3	20·4	20·9	20·9	20·5	20·5	20·5	20·5	21·1	21·1	21·2	21·2	21·3	21·3	21·3	21·3	21·0	21·0	21·0	21·0
6	24·9	24·9	24·9	24·9	24·9	24·9	24·1	24·1	23·4	23·4	23·8	23·8	24·1	24·1	25·0	25·0	23·9	23·9	23·3	23·3	24·1	24·1	24·9	24·9	23·1	23·1
7	33·1	33·1	32·7	32·8	32·0	32·0	31·8	32·0	30·6	30·6	30·7	30·7	31·0	31·0	30·5	30·5	29·7	29·7	29·2	29·2	29·1	29·2	28·1	28·1	30·4	30·4
8	29·2	29·2	29·0	29·0	28·8	28·8	28·4	28·4	28·2	28·2	28·2	28·2	28·0	28·0	27·3	27·4	26·1	26·1	25·1	25·2	29·9	26·9	32·8	27·9	27·8	27·4
9	40·1	40·1	39·9	39·9	38·7	38·7	35·9	35·9	32·9	31·1	37·0	34·2	38·8	35·4	31·3	31·0	31·0	31·0	30·9	30·9	31·0	31·0	31·0	31·0	34·5	33·8
10	31·0	31·0	31·8	31·8	32·0	32·0	32·0	32·0	31·9	31·9	31·8	31·8	32·2	32·0	33·1	32·2	34·0	34·0	34·0	34·0	33·9	33·9	33·4	33·4	31·6	31·5
11	30·8	30·8	30·6	30·6	30·6	30·6	30·0	30·0	29·7	29·7	29·8	29·8	29·9	29·9	29·6	29·6	29·8	29·8	29·5	29·5	29·2	29·2	29·5	29·5	30·7	30·7
12	32·2	32·2	32·1	32·2	31·0	31·0	30·8	30·8	31·1	31·1	31·4	31·4	31·9	31·9	31·8	31·8	31·3	31·3	30·1	30·1	29·1	29·1	27·3	27·6	30·9	30·9
13	25·1	25·1	27·1	26·3	27·0	26·4	25·8	25·6	26·6	26·6	28·0	28·0	28·1	28·1	27·9	27·9	27·4	27·4	27·1	27·2	27·1	27·1	27·1	27·1	26·0	25·5
14	29·6	29·6	27·8	27·8	26·5	26·7	25·1	25·1	23·9	24·0	24·5	24·5	23·3	23·4	24·7	24·7	24·9	24·9	23·2	23·2	23·3	23·3	21·3	21·3	26·4	26·4
15	15·1	14·6	15·3	14·9	15·6	15·4	14·9	14·5	14·0	13·7	13·9	13·8	13·8	13·0	13·4	13·0	13·4	13·2	13·7	13·0	13·1	12·6	13·6	12·0	15·3	15·1
16	13·0	13·0	12·4	12·6	12·8	12·8	11·9	11·9	11·6	11·6	10·3	10·5	10·3	9·8	11·8	12·0	12·6	12·6	13·2	13·2	14·0	14·0	14·1	14·1	12·4	12·4
17	13·7	13·7	13·6	13·7	13·6	13·6	13·2	13·2	12·9	12·9	12·8	12·8	12·7	12·7	12·2	12·2	12·1	12·1	11·3	11·3	11·0	11·0	11·1	11·2	13·6	13·6
18	12·4	11·8	14·0	13·9	14·0	13·1	13·8	13·8	9·8	8·3	9·5	6·7	8·5	6·3	10·0	6·2	10·0	6·2	10·0	6·1	11·0	6·9	11·2	7·2	10·0	8·8
19	11·0	10·5	11·7	8·9	11·9	9·0	11·3	8·9	10·9	8·8	12·4	9·0	10·9	8·2	11·6	8·8	11·2	8·9	10·7	8·9	9·8	9·2	9·6	9·8	10·7	9·4
20	11·9	9·5	12·8	10·2	12·8	12·0	12·4	12·8	13·0	13·0	14·0	14·0	14·4	14·4	14·8	14·8	14·8	14·8	14·4	14·4	14·2	14·2	13·9	13·9	11·1	10·4
21	18·5	18·5	19·9	19·9	20·8	20·8	22·0	21·9	22·3	22·3	22·8	22·8	23·0	23·0	23·1	23·1	23·0	23·0	22·9	22·9	22·2	22·2	22·2	22·2	18·4	18·5
22	25·2	25·2	24·9	24·9	25·0	25·0	24·7	24·7	24·2	24·2	24·0	24·0	24·1	24·1	24·2	24·2	24·1	24·1	24·2	24·2	24·2	24·2	24·9	24·9	23·7	23·7
23	26·8	24·7	25·2	25·0	25·8	25·0	25·0	25·0	24·0	24·0	23·2	23·2	22·1	22·1	23·1	23·1	24·2	24·2	24·9	24·9	25·1	25·1	25·2	25·2	25·0	24·7
24	27·3	27·3	27·5	27·5	27·0	27·0	26·9	26·9	26·2	26·2	26·0	26·0	26·0	26·0	26·0	26·0	25·1	25·1	25·0	25·1	25·3	25·3	25·8	25·8	25·9	25·9
25	27·9	27·9	28·2	27·9	27·3	27·3	27·1	27·1	27·0	27·0	27·0	27·0	27·2	27·2	27·2	27·2	27·8	27·8	27·9	27·9	27·2	27·2	26·5	26·6	26·5	26·4
26	25·9	26·2	27·0	27·0	26·2	26·4	26·3	26·3	26·1	26·1	26·1	26·1	25·1	25·1	25·8	25·8	26·1	26·1	26·1	26·1	26·3	26·3	27·0	27·0	26·1	26·2
27	28·9	27·2	28·4	27·1	27·0	26·7	27·3	25·6	27·0	25·5	25·8	25·0	25·3	25·1	25·2	24·1	25·1	24·0	25·1	22·9	24·1	22·6	21·8	22·1	26·4	25·7
28	22·3	22·3	23·2	23·2	22·1	22·2	22·9	22·9	22·5	22·5	22·8	22·8	23·0	23·0	23·2	23·2	22·9	22·9	22·1	22·1	22·3	22·3	22·2	22·2	22·0	22·0
29	22·1	22·1	21·1	21·1	20·6	20·6	20·1	20·1	19·0	19·0	18·1	18·1	18·1	18·1	17·8	17·9	17·2	17·3	18·9	18·9	18·2	18·2	16·4	16·7	20·4	20·4
MEAN	23·8	23·6	24·0	23·7	23·6	23·4	23·2	23·0	22·6	22·4	22·7	22·4	22·7	22·4	22·7	22·4	22·6	22·3	22·4	22·1	22·3	22·0	22·2	21·9	22·6	22·4

TEMPERATURE. DRY AND WET BULBS. FEBRUARY 1892.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	45·1	44·7	47·8	45·8	48·0	45·6	48·1	45·7	41·0	39·5	38·9	37·8	41·3	39·4	42·3	39·5	40·8	38·1	39·1	37·8	39·4	37·8	38·8	37·9	48·3	36·1
2	35·1	34·2	35·7	32·7	35·9	32·2	34·0	32·3	32·2	32·2	31·1	31·3	32·6	31·4	31·3	30·3	34·3	31·7	32·8	32·2	34·7	34·3	34·9	34·0	43·7	30·8
3	38·3	35·0	37·6	34·5	38·8	34·6	39·2	34·1	38·8	33·9	37·5	34·4	37·0	33·8	36·9	34·2	34·7	32·9	35·8	33·5	37·5	34·5	38·9	34·6	40·4	33·0
4	33·0	30·6	31·9	30·2	31·0	29·5	29·8	29·2	29·0	28·6	30·1	29·4	31·0	30·1	34·8	33·2	39·0	35·3	40·1	36·4	39·6	37·0	38·2	37·7	42·2	29·0
5	40·7	37·5	37·5	35·5	39·1	36·0	40·3	36·4	39·9	36·1	38·2	36·2	41·0	36·5	39·7	36·2	39·4	36·4	40·8	36·4	41·0	36·3	41·5	36·7	42·0	35·7
6	39·3	37·0	39·9	36·7	40·1	37·0	39·8	36·3	40·7	36·7	37·8	35·5	39·8	37·0	38·2	36·0	38·3	36·4	39·3	37·4	40·7	38·4	42·1	39·4	43·3	37·6
7	40·8	39·5	40·3	39·4	40·9	39·6	40·9	39·7	40·3	40·2	41·3	41·0	41·4	41·2	42·5	42·2	43·2	43·1	43·8	43·6	45·3	45·3	48·0	47·3	**49·2**	40·2
8	44·7	42·2	43·0	41·3	43·3	41·9	42·6	41·4	41·7	40·3	41·1	40·0	41·2	39·8	40·4	39·1	41·3	40·0	42·1	40·8	42·5	41·1	44·4	42·4	47·8	39·6
9	42·5	41·3	42·6	41·6	42·4	41·5	42·3	41·5	42·3	42·2	42·4	42·3	43·1	42·9	43·0	42·8	43·8	43·4	43·7	43·5	44·8	44·6	45·2	45·2	47·0	42·0
10	43·7	43·5	43·8	43·5	44·2	43·8	44·0	43·6	43·2	43·1	43·4	43·3	43·6	43·4	44·3	43·7	44·0	43·8	44·1	43·7	44·9	44·5	45·1	44·7	46·8	42·9
11	46·0	45·6	47·0	45·7	47·8	46·3	47·2	45·6	47·0	44·7	46·2	44·7	46·9	44·7	46·8	44·5	46·6	44·3	46·0	44·2	46·3	44·8	47·9	45·2	48·8	44·8
12	44·4	43·3	44·5	42·8	44·5	43·1	44·5	43·3	44·9	43·4	44·9	43·6	44·2	43·6	44·2	43·7	46·0	45·0	46·7	45·3	47·9	46·0	47·8	46·2	48·9	38·9
13	39·3	37·7	38·9	37·2	38·0	36·3	37·5	35·8	37·0	35·5	34·8	33·5	34·4	33·0	34·0	32·4	33·9	32·4	35·7	33·7	37·1	35·1	39·0	36·1	41·8	33·6
14	38·7	38·4	38·8	38·5	39·0	38·6	39·1	38·6	39·2	39·2	39·9	39·4	39·9	39·6	40·1	40·2	41·2	40·9	41·8	41·5	42·4	42·3	42·3	42·0	44·6	37·4
15	37·1	35·6	37·0	34·7	36·5	34·3	36·0	33·4	36·0	32·7	35·9	32·4	35·6	31·4	35·6	31·1	35·2	31·4	35·6	31·5	36·0	31·6	35·8	31·6	38·0	31·0
16	31·0	29·2	29·6	28·7	28·8	28·3	28·0	[27·0]	28·6	[27·6]	28·9	[27·9]	29·7	[29·0]	29·9	[29·0]	28·7	[27·6]	30·2	[29·7]	31·0	29·5	31·7	29·3	32·5	27·0
17	31·7	30·4	31·7	30·9	31·3	31·0	31·3	31·0	32·2	31·8	32·6	31·8	30·5	30·3	28·6	27·3	28·0	26·6	28·2	26·6	29·0	27·4	32·5	30·2	34·0	27·5
18	28·0	27·2	28·9	27·0	29·0	28·2	27·7	[27·0]	26·2	[25·5]	23·9	[23·0]	23·0	[22·4]	21·4	[20·8]	21·7	[21·0]	23·8	21·4	24·9	22·7	27·2	24·3	31·3	15·2
19	15·7	15·0	13·3	13·0	14·4	14·1	13·7	13·4	15·0	15·0	17·0	16·5	20·4	19·9	21·7	20·9	23·1	22·7	23·2	22·2	25·1	24·4	27·1	26·1	31·0	**13·3**
20	21·0	19·3	20·8	19·5	22·0	20·9	22·0	21·0	22·0	21·0	21·4	20·6	21·4	21·1	21·7	[21·3]	22·1	[21·9]	23·7	21·4	27·1	24·3	28·7	25·8	31·2	19·9
21	32·0	29·9	32·0	31·6	32·7	32·4	32·7	32·6	33·3	[33·1]	32·7	[32·6]	34·1	[34·0]	33·0	[32·9]	32·2	[32·1]	31·4	31·0	31·0	30·8	31·6	31·4	39·0	31·0
22	33·8	32·7	33·8	32·2	32·3	31·0	33·0	31·5	32·4	31·2	32·9	31·6	32·9	31·7	33·9	32·3	35·0	33·3	35·6	34·0	36·8	35·3	37·8	36·0	42·8	31·7
23	38·3	36·0	37·5	35·8	37·3	35·3	38·5	36·3	40·1	37·4	39·5	37·5	38·9	37·0	40·0	37·6	42·6	39·0	43·1	39·0	43·0	39·0	42·8	38·9	47·6	37·0
24	42·3	38·8	42·1	39·0	42·4	39·0	41·8	39·0	42·1	39·1	42·0	39·0	42·0	38·7	42·2	38·7	43·2	39·3	44·4	40·0	44·8	40·2	45·7	40·9	47·2	40·7
25	41·8	38·7	40·8	38·4	39·1	37·2	39·7	37·7	39·1	37·0	37·3	35·8	36·2	34·9	34·7	33·8	36·0	34·8	38·0	36·7	41·2	38·6	43·1	40·0	48·2	34·3
26	37·9	37·0	39·2	37·7	37·9	36·9	37·4	36·4	36·2	35·3	35·2	35·0	35·6	34·9	36·4	35·8	35·8	35·1	37·0	36·3	39·0	37·7	41·4	39·6	46·3	34·6
27	34·9	33·9	33·9	33·0	35·1	34·3	33·9	32·9	33·1	32·8	33·0	32·4	32·2	31·8	32·1	31·6	33·2	32·8	34·9	34·0	37·8	36·1	39·4	37·3	45·8	32·0
28	36·9	35·0	36·8	35·3	37·0	35·9	37·0	35·9	37·1	36·1	36·7	35·1	36·8	35·3	36·8	35·4	38·5	37·2	39·3	37·8	40·4	38·2	41·9	38·9	43·7	36·6
29	37·2	36·1	36·8	35·5	37·4	36·0	38·0	36·8	38·8	37·1	36·5	35·1	36·6	35·5	37·1	36·0	38·1	36·6	38·9	37·2	40·0	37·9	40·9	38·0	43·1	33·0
MEAN	37·0	35·4	36·7	35·1	36·8	35·2	36·6	35·0	36·2	34·8	35·6	34·4	36·0	34·6	36·0	34·6	36·5	35·0	37·2	35·5	38·3	36·4	39·4	37·2	42·7	33·3

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	42·0	39·6	43·0	39·8	43·3	39·6	42·8	39·1	40·9	38·4	41·3	38·5	41·0	37·7	40·0	37·4	37·0	36·0	36·1	35·2	39·0	36·2	38·1	35·5	41·5	39·3
2	37·5	36·1	41·5	38·7	42·9	38·7	43·6	38·1	42·9	37·1	40·7	36·4	40·9	37·0	41·3	38·0	40·8	37·7	40·1	37·1	40·4	36·2	37·5	34·9	37·3	34·8
3	39·8	35·2	37·9	33·8	39·7	33·2	35·1	33·4	36·3	33·4	37·3	33·2	35·3	33·2	34·7	32·4	34·2	32·1	33·2	31·8	34·8	32·4	33·3	31·4	36·8	33·6
4	40·4	39·0	40·1	38·0	39·5	37·7	41·8	36·9	41·4	37·4	40·9	37·2	41·0	37·4	38·9	37·1	39·0	37·2	38·9	37·3	40·0	37·2	40·8	37·7	37·1	34·9
5	38·7	37·0	41·2	37·8	39·8	36·5	37·0	35·8	38·1	36·4	36·9	35·4	38·1	36·0	36·0	35·2	37·4	36·1	38·1	36·6	38·2	36·7	38·3	36·4	39·0	36·3
6	42·3	39·5	40·8	38·7	42·1	39·9	42·1	39·4	42·2	38·7	41·7	38·8	40·4	38·7	40·4	38·5	40·1	38·5	40·0	38·3	40·9	39·0	40·5	39·2	40·4	38·0
7	48·9	47·4	46·3	45·8	45·7	45·5	44·3	44·2	43·9	43·5	44·8	43·4	43·9	43·3	45·0	43·7	45·3	43·3	44·4	42·8	44·4	43·2	44·7	42·4	43·8	42·9
8	46·0	43·4	46·7	43·6	47·3	43·5	47·0	43·6	45·1	42·4	44·2	41·5	43·8	40·8	43·0	40·3	41·7	39·6	40·7	39·2	41·1	39·8	42·0	40·8	43·2	41·2
9	46·9	46·6	46·6	46·3	45·9	45·8	45·0	44·9	45·0	44·5	45·0	44·3	44·8	44·0	44·0	43·6	43·3	43·2	43·1	43·1	43·6	43·4	43·5	43·4	44·0	43·6
10	45·7	45·0	45·7	45·0	45·0	44·6	44·8	44·4	46·4	45·3	46·8	45·1	46·3	45·1	44·8	44·3	44·7	44·5	45·3	45·2	45·2	45·1	45·0	44·9	44·8	44·3
11	48·7	45·3	48·0	44·6	47·4	44·7	47·2	44·4	46·9	43·9	45·4	44·0	45·7	44·2	46·0	43·8	46·2	43·7	46·0	43·5	45·2	43·4	45·0	43·3	46·6	44·5
12	48·3	46·1	48·7	45·7	48·2	44·8	47·3	44·6	46·8	44·5	46·6	44·4	46·7	44·6	46·9	44·6	42·8	42·1	42·2	41·4	40·0	39·2	39·4	38·3	45·4	43·7
13	40·2	36·9	41·4	37·5	41·5	37·6	41·8	38·5	40·7	38·0	39·6	37·1	39·2	37·2	39·4	37·6	39·3	37·7	39·1	37·7	38·8	37·8	38·9	38·0	38·3	36·3
14	42·9	42·6	43·2	40·7	44·1	40·7	43·1	40·0	42·7	40·1	41·0	39·1	39·3	37·8	38·8	38·2	38·8	37·7	38·0	37·1	38·1	37·2	37·4	36·2	40·4	39·4
15	37·0	32·4	37·2	32·4	37·8	32·6	37·0	32·0	35·0	31·4	34·0	30·5	32·1	29·4	32·2	29·3	32·0	29·3	32·3	29·5	31·6	28·4	32·0	29·4	35·1	31·6
16	32·3	29·6	30·9	28·8	31·9	29·4	31·3	28·9	30·0	27·9	28·4	26·0	27·6	25·6	27·4	25·5	27·2	25·7	28·7	26·1	30·2	28·1	31·9	29·3	29·7	28·1
17	33·2	30·7	33·1	30·0	33·9	31·1	32·6	[31·8]	30·1	28·0	29·7	28·0	29·8	28·4	30·0	28·6	29·4	28·2	29·7	29·0	28·7	26·9	29·7	27·8	30·7	29·3
18	29·0	25·4	29·8	25·8	30·0	26·0	29·9	26·6	28·2	25·2	25·1	23·0	23·6	21·8	22·7	21·0	21·8	20·0	18·6	17·7	17·0	16·7	15·2	14·6	24·9	23·1
19	29·7	27·1	30·0	27·2	30·8	27·4	30·7	27·0	28·0	25·7	24·3	22·5	22·6	21·8	20·0	19·7	20·7	[20·0]	19·2	18·1	20·8	19·2	21·6	19·4	22·0	20·8
20	28·3	25·3	29·6	25·9	29·6	26·2	28·8	27·3	29·9	27·1	29·7	28·0	29·6	28·8	30·5	[29·8]	30·5	[29·9]	30·6	28·5	30·9	28·8	31·1	29·0	26·4	24·7
21	33·9	32·3	34·3	[32·6]	33·3	32·9	34·1	33·1	34·7	33·3	36·9	34·8	36·6	34·9	36·0	34·6	36·0	34·9	35·9	34·7	35·9	34·3	34·4	33·0	33·8	32·9
22	38·9	37·0	39·4	37·8	42·0	39·2	42·1	39·6	39·2	36·7	38·0	36·0	36·6	34·8	35·4	34·1	36·9	35·4	37·3	35·4	37·9	35·9	37·9	35·9	36·3	34·6
23	46·2	39·0	46·9	40·0	46·9	40·0	46·3	39·9	44·0	39·0	41·9	37·6	40·8	36·4	40·5	36·4	41·7	38·0	42·4	38·9	43·1	39·0	42·2	38·7	41·9	38·0
24	46·1	41·3	46·2	41·2	46·3	41·0	46·3	41·7	44·8	40·4	42·3	39·5	41·1	38·4	41·1	38·2	42·2	38·7	42·9	38·9	42·1	38·9	41·4	38·7	43·2	39·5
25	43·2	40·3	46·2	42·1	47·0	42·0	47·9	42·7	45·6	41·3	42·8	39·8	40·0	38·2	40·8	38·5	40·2	38·4	39·7	38·1	39·2	37·7	39·7	37·7	40·8	38·4
26	44·6	41·1	45·7	41·1	46·3	41·9	45·7	41·1	44·7	40·2	44·0	39·7	41·2	38·4	39·2	37·0	37·3	35·8	36·0	34·6	35·5	34·2	35·1	33·9	39·3	37·4
27	41·8	39·2	43·9	40·5	45·5	41·4	45·2	41·7	42·0	39·3	37·5	36·2	36·1	35·0	35·6	34·5	38·0	36·6	38·6	36·8	38·1	36·2	37·0	35·4	37·2	35·7
28	41·3	38·7	42·7	39·2	43·1	39·6	43·3	40·0	41·9	39·2	39·8	37·4	38·5	36·9	38·8	37·3	39·3	38·1	38·1	37·0	38·0	37·0	38·0	37·0	39·1	37·2
29	41·9	38·5	42·2	37·3	42·9	36·8	41·3	36·0	40·0	35·5	38·8	35·2	36·9	34·0	37·5	34·1	35·3	33·0	35·6	33·0	34·7	32·2	33·0	31·1	38·2	35·6
MEAN	40·5	37·8	41·0	37·9	41·4	37·9	40·9	37·8	39·9	37·0	38·8	36·3	37·9	35·9	37·5	35·6	37·2	35·6	36·9	35·3	37·0	35·2	36·7	34·9	37·8	35·9

TEMPERATURE. DRY AND WET BULBS. MARCH 1892.

.	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	15·3	15·1	15·9	15·1	14·9	15·0	16·0	16·0	16·2	16·2	16·5	16·5	16·7	16·7	16·9	16·9	17·1	17·1	17·9	17·9	16·8	16·9	17·1	17·2	18·9	14·4
2	15·0	15·0	14·3	14·3	14·7	14·7	14·5	14·5	14·4	14·4	14·0	14·0	13·9	13·9	14·1	14·1	14·0	14·0	14·3	14·3	14·9	14·9	15·0	15·0	15·8	12·5
3	12·2	12·4	12·3	12·3	12·7	12·7	12·1	12·1	12·0	12·0	11·4	11·6	11·0	11·0	11·3	11·3	12·3	12·3	13·0	13·0	13·3	13·3	14·4	14·4	15·0	10·7
4	10·8	10·8	11·1	11·1	10·9	10·9	10·9	10·9	10·3	10·4	10·0	10·0	9·6	9·8	10·0	10·0	11·0	11·2	12·8	13·2	14·5	14·8	11·8	12·4	14·7	9·6
5	14·1	14·1	13·5	13·6	13·6	13·8	13·3	13·3	13·4	13·4	13·4	13·3	12·5	13·8	16·1	14·1	17·3	15·0	19·5	15·8	19·6	17·0	18·1	16·4	23·8	12·5
6	14·3	14·3	14·5	14·5	14·4	14·4	14·4	14·4	14·3	14·3	13·8	13·8	14·0	14·0	14·0	14·0	14·4	14·4	15·2	15·2	15·4	15·4	16·3	16·3	17·3	13·8
7	16·0	16·0	15·6	15·6	15·3	15·3	15·1	15·1	14·3	14·3	14·7	14·7	14·4	14·4	14·9	14·9	15·4	15·4	16·2	16·2	16·9	16·9	17·3	17·3	18·1	14·3
8	17·7	17·7	18·0	18·0	18·1	18·1	14·5	14·5	13·4	13·3	13·3	13·2	14·5	14·4	15·1	15·1	16·3	16·3	17·0	17·0	17·7	17·7	19·0	19·2	19·1	11·3
9	9·9	10·0	8·7	8·9	7·3	7·3	8·1	8·1	8·2	8·3	8·1	8·1	6·0	6·1	5·6	5·6	6·2	6·3	6·0	6·4	6·2	6·6	8·0	8·6	13·4	5·6
10	9·5	9·8	8·1	8·1	7·1	7·1	7·7	7·9	8·0	8·0	8·8	8·8	10·2	10·2	12·3	12·3	15·0	15·1	15·3	15·3	15·7	15·7	17·2	17·2	18·0	7·1
11	16·5	16·5	17·1	17·1	17·2	17·2	17·0	17·0	16·5	16·5	17·0	17·0	16·7	16·7	16·7	16·7	17·1	17·1	17·1	17·1	18·0	18·0	20·2	20·4	20·4	14·8
12	14·9	12·6	14·9	13·1	14·2	13·2	14·9	13·8	14·8	13·8	14·9	13·5	15·2	13·9	14·7	14·0	15·2	14·8	15·2	15·0	14·7	14·7	14·1	14·6	19·2	14·1
13	15·0	15·0	15·2	15·2	15·0	15·0	15·8	15·7	15·4	15·4	15·7	15·7	16·0	15·8	16·0	16·2	15·7	15·5	15·3	15·9	15·4	16·0	16·9	17·2	16·9	15·0
14	15·6	15·6	15·6	15·6	15·3	15·3	15·4	15·4	15·5	15·6	15·3	15·3	15·6	15·6	16·0	16·0	17·6	17·8	20·0	20·1	18·0	18·2	16·9	17·1	20·0	14·2
15	14·3	14·3	14·2	14·1	14·7	14·7	14·8	14·8	14·0	14·0	14·8	14·5	14·7	14·7	16·2	16·1	19·6	19·8	19·3	18·0	21·6	20·1	19·5	19·4	21·6	14·0
16	19·5	14·3	18·8	14·3	20·6	15·6	21·2	15·8	20·5	15·8	21·5	16·9	20·1	16·1	21·4	17·9	21·8	18·9	20·3	18·1	19·2	18·0	18·9	17·9	32·6	18·8
17	32·6	32·3	30·7	30·7	33·5	32·3	35·9	35·9	35·9	35·8	35·2	35·2	36·0	36·0	34·8	34·8	34·8	34·8	34·5	34·5	32·8	32·8	32·3	32·3	36·0	30·7
18	36·7	36·7	35·9	35·9	35·9	35·9	36·7	36·7	38·0	38·0	37·3	37·4	37·3	37·3	38·1	38·0	37·7	37·9	38·5	38·3	38·7	38·7	39·3	39·2	39·3	34·9
19	34·5	34·5	33·6	33·6	33·6	33·6	32·7	32·7	31·3	31·5	30·0	29·8	29·8	29·8	29·0	28·7	30·3	29·0	29·5	28·3	32·2	29·6	32·5	30·7	35·3	29·0
20	29·5	26·8	29·0	25·3	27·0	25·1	27·8	24·3	25·1	23·0	28·8	24·9	25·7	24·5	21·3	21·3	26·8	24·3	22·4	22·6	24·3	23·6	26·3	24·2	29·5	21·3
21	23·0	23·0	25·1	23·4	25·1	23·9	27·2	26·8	27·5	27·5	27·2	27·2	28·1	28·0	28·4	28·3	28·3	28·3	27·3	27·5	27·0	27·0	26·4	26·4	28·4	22·0
22	21·1	21·1	20·2	20·2	21·0	21·0	20·5	20·5	20·2	20·2	21·1	21·1	21·3	21·3	21·6	21·5	22·2	22·1	22·8	22·9	23·0	23·0	23·7	23·8	29·3	20·2
23	29·3	29·3	29·5	29·5	28·6	28·6	28·6	28·6	27·5	27·5	27·6	27·6	27·8	27·8	27·8	27·8	27·7	27·7	27·9	27·9	28·5	28·5	29·5	29·5	34·2	27·5
24	32·2	30·1	30·8	28·5	31·0	31·0	31·8	31·8	26·1	26·2	26·0	26·0	25·3	25·2	25·8	25·8	26·2	26·2	28·1	28·0	28·7	28·7	29·5	29·4	32·2	25·3
25	27·4	27·4	27·3	27·3	27·2	27·2	27·2	27·2	27·1	27·1	27·2	27·2	28·0	28·0	27·8	27·8	28·5	28·5	29·0	29·0	28·1	28·1	28·1	28·1	29·1	26·0
26	28·0	28·0	28·5	28·5	29·0	29·0	29·0	29·0	29·2	29·2	25·1	25·1	23·7	23·7	22·0	22·6	21·4	21·6	23·1	23·6	22·2	23·1	21·0	22·0	29·2	7·0
27	7·2	7·2	6·8	6·8	6·1	6·1	5·5	5·5	5·4	5·5	3·5	3·6	5·0	5·1	5·8	6·1	6·9	7·3	7·7	8·3	8·3	8·8	10·1	10·7	11·3	3·5
28	11·3	10·1	14·0	12·1	12·9	12·1	12·7	12·9	12·8	13·1	12·9	13·0	15·5	15·4	17·5	17·5	18·4	18·4	19·0	19·1	19·2	19·4	19·2	19·5	19·2	9·2
29	12·3	9·1	14·5	10·8	15·4	12·1	17·0	13·9	16·5	13·2	18·0	16·1	17·9	15·1	19·0	15·1	21·0	17·0	18·9	16·0	20·4	17·4	19·9	17·2	22·2	12·3
30	22·2	22·2	22·2	22·2	22·6	22·6	22·9	22·9	22·5	22·8	23·2	23·0	23·4	23·4	24·0	24·1	24·0	24·2	25·0	25·1	24·7	24·9	25·0	24·0	29·0	22·2
31	26·0	23·9	26·0	23·0	25·4	23·1	26·9	24·3	28·5	26·1	28·0	25·6	30·7	27·7	33·5	29·3	31·8	29·2	34·1	30·5	29·7	27·9	34·0	31·2	35·8	25·4
MEAN	19·5	18·9	19·4	18·7	19·4	18·8	19·6	19·1	19·2	18·8	19·2	18·7	19·2	18·9	19·6	19·2	20·4	19·9	20·7	20·3	20·8	20·5	21·2	20·9	24·0	16·7

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	18·0	18·0	18·4	18·4	18·9	18·9	18·9	18·9	18·0	18·0	18·0	18·0	17·3	17·3	16·0	16·0	15·3	15·3	15·4	15·4	14·9	14·9	14·4	14·5	16·7	16·7
2	15·6	15·6	15·8	15·8	15·4	15·4	15·0	15·0	14·6	14·7	14·1	14·1	14·0	14·0	13·8	13·8	13·1	13·2	12·7	12·8	12·7	12·7	12·5	12·7	14·3	14·3
3	15·0	15·0	14·9	15·1	14·0	14·1	13·5	13·8	13·0	13·2	12·5	12·5	12·0	12·1	12·0	12·0	11·2	11·2	11·5	11·5	11·1	11·1	10·7	10·9	12·5	12·5
4	13·1	13·0	13·3	13·7	14·6	13·5	14·1	14·1	13·6	14·1	14·1	14·0	14·7	13·5	14·7	13·2	13·9	13·9	13·7	13·9	14·1	14·1	14·1	14·1	12·6	12·5
5	22·0	18·1	23·8	19·5	22·0	19·1	18·1	16·9	19·2	15·5	16·5	15·3	16·2	15·2	15·0	15·0	16·2	14·9	14·5	15·0	14·7	14·8	15·0	15·0	16·6	15·3
6	16·9	16·9	17·3	17·4	17·1	17·1	17·0	17·0	17·0	17·0	17·0	17·0	17·0	17·0	16·8	16·8	16·4	16·4	16·3	16·3	16·1	16·1	16·1	16·1	15·7	15·7
7	17·5	17·5	17·9	17·9	17·7	17·7	17·3	17·3	17·3	17·3	16·6	16·6	16·9	16·9	18·1	18·1	17·6	17·6	17·3	17·3	17·2	17·2	17·9	18·0	16·5	16·5
8	18·8	18·8	18·9	19·1	19·1	19·1	18·1	18·1	18·0	18·0	16·4	16·4	16·2	16·2	15·0	15·0	14·5	14·5	14·3	14·3	13·8	13·8	11·3	11·3	16·2	16·2
9	7·8	8·3	8·0	8·3	8·3	8·7	9·7	9·9	11·1	11·1	12·1	12·1	12·3	12·3	13·1	13·1	13·2	13·2	13·4	13·4	11·5	11·5	11·2	11·2	9·2	9·3
10	17·3	17·3	17·4	17·1	16·6	16·6	16·8	16·8	15·5	15·7	16·5	16·5	18·0	18·0	17·2	17·1	16·3	16·3	16·3	16·3	16·2	16·2	16·4	16·4	14·0	14·0
11	20·4	20·5	19·1	19·1	18·6	18·9	20·0	19·3	17·0	17·4	16·0	15·8	15·8	14·8	14·8	13·2	15·1	13·7	15·3	12·9	15·9	12·9	15·4	13·1	17·1	16·6
12	19·2	18·0	15·0	15·0	14·5	14·8	14·9	14·9	14·4	14·6	14·8	15·0	15·0	15·2	16·2	16·2	16·2	16·2	16·1	16·1	16·0	16·0	15·8	15·8	15·2	14·8
13	16·7	17·2	16·9	17·1	16·1	16·1	16·9	16·9	15·9	16·0	15·1	15·1	15·2	15·2	15·0	15·0	15·0	15·0	15·0	15·0	15·6	15·6	15·6	15·6	15·7	15·8
14	20·0	21·1	18·0	18·3	18·1	18·1	18·0	18·0	17·1	17·4	16·2	16·5	15·8	15·9	15·6	15·6	15·0	15·0	14·2	14·2	14·8	14·8	14·5	14·7	16·4	16·5
15	17·9	18·3	19·0	19·2	17·5	17·5	17·3	17·8	17·0	17·2	16·3	16·3	16·7	16·0	18·0	14·8	19·0	14·8	19·7	14·7	18·4	14·0	18·8	14·3	17·2	16·2
16	20·2	20·2	22·3	22·3	23·0	23·0	25·8	25·8	27·9	27·9	30·5	30·5	32·3	32·1	32·6	32·3	32·6	32·3	32·1	32·1	32·1	32·1	32·0	32·0	24·5	22·6
17	32·2	32·2	32·0	32·0	32·2	32·2	32·0	32·0	32·0	32·0	32·7	32·2	33·0	32·8	34·4	34·4	35·0	35·0	35·1	35·1	35·1	35·1	36·0	36·0	33·8	33·7
18	38·0	37·8	34·9	33·8	38·2	32·0	35·8	33·8	36·0	32·2	35·3	32·7	36·3	34·0	35·5	34·5	35·2	35·2	35·2	35·2	35·2	35·2	35·0	35·0	36·7	35·9
19	32·8	31·3	33·5	31·7	33·8	32·2	33·2	32·6	33·5	32·9	35·3	32·1	35·1	32·5	33·5	32·2	33·8	31·0	33·0	32·5	31·2	29·0	31·9	29·1	32·5	31·3
20	26·9	25·9	27·2	26·0	27·0	26·0	25·8	25·0	25·2	25·1	23·8	23·5	24·3	23·8	25·0	24·8	25·5	25·5	25·0	25·0	24·7	24·7	23·0	23·0	25·7	24·5
21	26·5	26·5	26·2	26·2	26·8	26·8	26·8	26·8	26·2	26·2	26·2	26·2	24·5	24·4	25·0	25·0	24·4	24·4	23·6	23·6	23·0	23·0	22·0	22·0	25·9	25·8
22	24·2	24·4	24·8	24·8	25·1	25·1	26·0	26·0	25·9	25·9	26·2	26·2	27·4	27·4	28·0	28·0	28·0	28·0	28·1	28·1	28·8	28·8	29·3	29·3	24·2	24·2
23	29·0	29·0	29·5	29·5	29·5	29·5	29·6	29·6	29·1	28·8	28·1	28·0	28·1	28·1	29·5	29·1	29·0	28·5	32·4	30·2	34·2	31·0	32·0	30·0	29·2	28·8
24	29·0	29·0	29·7	29·7	29·2	29·2	29·1	29·1	28·5	28·5	27·5	27·5	26·0	25·7	27·2	27·2	27·1	27·1	27·1	27·1	27·0	27·0	27·7	27·7	28·2	28·0
25	28·3	28·3	29·1	29·1	29·1	29·1	28·9	28·9	28·0	28·0	27·2	27·2	26·7	26·7	26·0	26·0	26·4	26·4	26·9	26·9	27·4	27·4	27·5	27·5	27·7	27·7
26	18·1	18·9	16·8	17·1	14·9	15·2	13·3	14·0	12·8	13·1	11·1	11·1	9·7	9·6	9·7	9·7	9·2	9·2	8·2	8·2	7·3	7·3	7·0	7·0	18·3	18·6
27	10·4	11·0	10·5	10·5	10·7	10·7	10·4	10·7	11·3	11·3	9·3	9·0	9·2	9·1	9·0	9·0	8·0	8·2	9·3	9·3	9·2	9·2	8·3	8·3	8·1	8·2
28	16·5	16·7	17·0	17·0	16·2	16·7	14·0	14·0	13·3	13·4	12·0	12·1	10·9	10·9	9·2	9·1	9·5	9·4	9·7	9·1	10·1	9·2	12·3	9·1	14·0	13·7
29	19·2	18·1	19·0	18·1	18·9	17·8	19·9	19·9	18·5	18·6	19·2	19·2	20·3	20·4	20·9	20·9	21·7	21·7	22·0	22·0	22·2	22·2	22·2	22·2	19·0	17·3
30	25·4	24·6	25·1	23·7	27·0	23·9	27·2	24·2	29·0	26·4	27·7	24·2	28·7	25·1	28·0	25·1	28·2	25·0	28·0	24·8	27·9	25·4	26·9	24·5	25·4	24·1
31	33·2	29·2	32·0	29·8	34·0	31·0	33·0	30·2	33·9	29·2	33·4	30·0	32·1	28·9	34·5	30·0	33·7	30·1	33·3	29·8	35·2	32·2	35·8	31·4	31·6	28·5
MEAN	21·5	21·2	21·4	21·0	21·4	20·8	21·2	20·9	21·0	20·5	20·6	20·1	20·6	20·0	20·6	20·1	20·5	19·9	20·5	19·9	20·4	19·8	20·3	19·6	20·3	19·9

TEMPERATURE. DRY AND WET BULBS. MARCH 1892.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	33·1	31·1	31·8	30·0	30·9	28·9	30·3	28·6	32·0	30·1	32·8	30·7	33·2	31·0	34·7	31·8	35·7	32·7	36·7	33·5	38·2	34·3	39·3	33·8	41·2	30·0
2	33·7	30·0	32·3	29·4	33·4	30·3	32·3	29·7	34·0	29·9	33·2	30·0	33·3	30·2	33·9	30·5	35·0	31·3	35·0	30·8	36·1	[31·1]	36·4	31·7	39·1	30·2
3	29·7	28·2	29·3	27·0	29·9	28·0	30·3	28·4	31·0	28·9	31·0	29·3	32·0	30·3	32·2	31·1	32·7	[29·1]	32·8	28·9	34·0	29·8	34·7	30·0	36·1	28·9
4	30·9	27·7	29·8	27·7	28·1	27·2	28·8	28·0	28·8	[27·5]	29·1	[27·0]	29·8	[27·8]	31·0	[27·7]	31·9	[27·7]	32·1	28·1	33·1	29·3	34·0	29·7	36·2	23·9
5	23·9	23·0	23·0	22·2	23·1	22·4	22·6	22·0	22·7	22·0	22·4	22·0	23·1	22·4	23·7	23·0	25·6	24·7	28·2	26·8	31·6	29·3	34·0	31·0	38·0	21·9
6	27·0	26·2	26·2	25·5	25·9	25·3	24·9	23·9	25·0	24·2	24·1	23·8	25·1	24·3	25·3	25·0	26·9	26·3	29·4	28·2	32·3	30·9	35·6	[31·0]	39·0	23·9
7	34·3	[32·0]	34·1	[32·0]	33·7	[31·9]	34·0	[32·0]	34·0	[32·0]	33·8	[31·5]	32·8	[31·0]	34·0	[31·5]	34·8	[31·7]	35·1	31·9	35·3	31·9	35·8	32·2	36·2	32·8
8	33·8	32·9	33·9	33·0	33·9	33·6	33·6	32·7	30 0	29·0	28·7	27·3	27·7	26·2	28·1	26·9	32·0	30·5	34·3	[32·1]	33·5	32·9	34·7	34·0	38·4	27·1
9	29·5	28·5	28·0	26·3	25·9	24·3	25·9	25·0	27·4	[26·8]	26·6	[26·0]	25·5	[25·0]	23·9	[23·4]	26·9	24·9	27·3	25·8	29·8	27·2	29·0	27·3	32·8	23·1
10	26·5	[25·0]	26·5	25·0	24·9	24·1	24·5	23·9	25·3	25·0	26·0	25·7	25·2	[24·7]	25·0	[24·5]	26·5	[25·5]	28·7	27·2	29·9	28·1	32·8	31·1	38·8	23·0
11	27·6	26·4	26·5	25·9	25·2	25·0	24·0	24·0	24·5	24·0	24·8	24·4	24·0	23·8	23·9	23·3	27·5	26·2	30·6	28·5	33·0	30·6	35·1	[31·9]	39·6	22·0
12	25·3	23·9	24·0	22·9	22·7	21·9	22·3	21·5	22·1	21·3	22·3	21·8	22·8	22·3	24·2	[23·9]	28·7	[27·8]	30·4	28·2	33·6	30·2	34·3	30·8	36·2	21·7
13	28·0	27·3	29·1	28·0	30·0	29·1	29·7	28·3	29·1	27·8	29·1	27·8	30·2	29·0	30·3	30·3	32·7	[31·5]	35·0	32·0	35·2	32·2	35·7	33·0	37·6	27·9
14	31·9	30·3	31·2	29·3	32·2	30·8	30·7	29·7	30·9	30·1	30·5	30·2	29·9	[29·5]	30·5	[30 0]	31·4	[30·0]	32·9	30·5	33·8	31·6	34·9	[32·0]	37·9	27·0
15	25·9	24·9	25·2	24·3	24·4	23·8	23 2	22·8	23·0	22·2	22·7	22·0	23·0	22·5	23·5	23·0	28·7	26·9	30·7	28·8	32·6	30·1	33·8	31·1	37·5	22·5
16	23·4	22·5	22·2	21·4	21·2	20·8	21·5	20·9	21·3	20·7	20·7	20·0	20·8	20·0	22·9	21·8	27·2	25·5	30·0	27·5	33·2	30·7	35·3	31·6	44·4	**20·1**
17	43·2	42·3	42·0	41·0	42·0	41·3	50·7	47·1	50·1	47·9	46·9	46·1	47·8	46·2	47·2	46·0	48·0	46·8	46·9	46·0	45·9	45·3	46·7	45·8	51·6	40·0
18	49·8	48·0	48·6	47·2	49·2	47·6	49·0	47·6	48·3	47·7	49·1	47·9	49·2	47·9	49·9	48·2	50·3	48·9	49·3	48·2	49·1	48·1	50·0	48·6	56·6	48·2
19	55·3	48·5	53·2	47·3	52·0	46·8	50·6	46·2	49·6	44·9	49·8	43·8	49·6	43·7	49·9	43·3	52·5	44·5	53·4	45·0	53·3	45·0	55·2	45·0	**57·0**	45·9
20	45·9	37·9	45·2	36·3	41·0	35·1	40·9	35·0	40·1	35·0	40·7	35·0	42·0	35·7	43·1	36·6	45·3	38·2	45·1	38·3	48·0	39·9	49·1	40·4	52·4	35·0
21	35·0	33·2	34·3	33·1	34·9	33·6	36·1	34·8	35·3	34·3	36·4	35·2	36·9	35·6	37·1	35·6	38·9	37·6	38·9	37·9	40·1	38·9	42·0	40·0	45·9	34·0
22	35·9	34·1	36·3	34·4	35·2	33·7	35·9	33·9	36·1	34·5	35·7	33·9	36·3	35·1	38·4	36·7	40·9	38·0	41·8	38·7	43·0	40·0	44·9	40·0	48·0	35·1
23	44·2	42·7	44·0	42·6	43·2	42·3	43·0	42·2	43·8	42·2	43·7	42·0	44·1	42·1	45·0	42·6	45·7	42·9	46·5	42·9	47·6	43·5	48·0	44·0	49·8	42·9
24	44·0	41·7	43·1	41·0	42·9	41·0	41·7	41·0	41·8	40·6	42·1	40·9	41·9	40·7	42·3	40·9	43·3	41·7	44·2	42·6	46·0	43·1	47·4	44·1	50·0	41·0
25	42·3	41·6	42·1	41·5	42·2	41·6	42·2	41·3	42·1	41·6	42·1	41·4	42·4	41·9	43·1	42·2	43·3	42·3	44·1	42·8	44·4	42·9	44·2	43·1	44·9	41·7
26	43·0	41·9	42·9	42·0	43·0	42·2	43·0	42·6	41·9	40·2	39·9	38·0	39·7	37·9	39·2	37·7	40·0	38·2	36·1	34·7	32·5	[31·0]	33·0	[31·7]	43·4	27·1
27	27·0	[25·0]	26·9	[24·7]	26·8	[24·3]	26·5	[24·0]	26·6	[23·7]	25·9	[22·6]	24·5	[21·4]	26·6	[21·9]	28·8	24·4	29·6	25·5	30·8	26·2	31·2	26·7	34·5	24·2
28	26·1	24·3	26·2	24·8	26·2	25·6	29·2	28·5	29·6	[28·6]	30·8	[29·8]	30·2	[29·5]	31·2	[30·3]	31·9	[31·0]	34·0	[31·9]	34·9	33·9	35·2	34·1	40·0	25·4
29	24·3	22·7	22·8	21·6	21·9	21·0	21·4	20·7	21·0	20·4	20·7	20·3	21·4	21·0	24·2	23·8	28·5	25·5	30·7	27·9	34·0	30·5	36·2	31·9	42·3	20·4
30	38·0	35·9	37·2	35·1	37·3	35·2	38·2	36·0	38·1	36·1	38·1	36·1	39·2	36·8	40·1	37·0	41·1	37·7	42·3	38·7	43·7	39·7	44·7	41·0	47·2	37·1
31	40·9	37·8	40·0	37·3	40·9	37·8	40·2	37·2	39·4	36·6	40·0	37·0	41·2	37·0	41·8	37·2	42·7	37·9	43·7	39·1	45·8	41·0	46·9	41·2	49·8	39·4
MEAN	34·2	32·2	33·5	31·6	33·0	31·5	33·1	31·6	33·1	31·5	32·9	31·3	33·1	31·4	33·7	31·9	35·7	33·2	36·6	33·8	37·9	34·8	39·0	35·5	42·7	30·4

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	40·7	35·0	41·1	35·1	40·3	35·7	39·9	35·6	39·0	35·2	38·2	34·2	38·0	33·3	36·3	31·9	35·4	31·1	33·1	30·0	34·8	30·8	34·0	30·1	35·8	32·3
2	36·6	31·8	37·2	32·4	38·4	33·3	38·2	32·7	36·2	31·1	35·0	30·6	34·4	30·0	33·6	29·4	33·7	29·3	33·4	29·1	32·7	28·7	30·2	27·8	34·6	30·5
3	35·1	30·7	35·7	30·5	36·1	31·6	35·3	[32·0]	34·3	29·9	33·7	30·0	32·6	31·0	32·8	[29·0]	32·5	[28·5]	32·1	28·4	32·0	28·1	31·6	27·9	32·6	29·9
4	34·0	30·0	34·5	30·2	35·6	31·8	36·0	[32·0]	34·8	[30·0]	31·8	28·5	30·0	27·4	28·2	26·8	27·0	25·5	25·9	24·9	24·4	23·7	24·3	23·3	30·6	27·9
5	36·2	31·8	36·8	[32·9]	37·1	32·9	37·9	33·8	36·9	32·7	35·9	31·2	34·8	[31·5]	31·3	[29·6]	30·1	28·0	28·7	26·9	28·3	26·3	28·0	26·7	29·4	27·3
6	36·9	32·5	38·5	34·2	38·9	33·9	38·3	34·0	37·4	[33·0]	36·6	[32·6]	36·3	[32·4]	36·0	[32·0]	35·4	32·4	35·3	32·9	35·0	32·3	34·9	31·7	32·0	29·5
7	36·0	32·9	36·0	33·2	35·9	33·2	35·9	32·8	35·7	33·1	34·5	32·2	34·9	32·9	34·1	33·0	33·4	32·9	33·0	32·7	33·1	32·8	33·1	32·9	34·5	32·3
8	35·1	34·6	36·5	34·8	37·8	35·9	37·0	35·2	36·0	34·4	34·2	32·0	34·0	32·3	35·6	[31·5]	32·5	[31·2]	30·9	30·2	30·0	30·2	31·1	29·1	33·1	31·8
9	29·8	27·0	30·4	27·7	28·9	26·8	27·2	[27·2]	27·9	[27·5]	28·9	[28·5]	28·9	[23·7]	31·2	29·9	31·3	30·3	32·1	30·8	30·3	28·9	29·0	28·8	28·4	27·2
10	36·4	33·5	36·8	33·9	38·7	34·5	38·2	[34·0]	38·0	34·3	36·2	33·3	35·2	33·0	33·8	32·0	32·0	30·3	32·2	30·7	30·2	28·0	28·3	27·3	30·7	28·9
11	38·2	34·9	38·3	35·0	38·5	[34·8]	39·0	34·6	38·0	34·4	34·6	[30·0]	32·1	[28·1]	31·0	[27·0]	29·1	[26·0]	27·9	25·9	28·1	26·2	26·8	25·0	30·3	28·2
12	34·7	31·3	34·9	31·5	35·3	32·7	36·1	32·5	35·1	31·7	34·2	31·9	32·5	31·3	32·0	30·3	31·6	30·3	30·8	30·1	29·7	29·1	29·0	28·3	29·5	27·8
13	37·0	33·1	37·2	33·3	36·9	33·6	36·3	33·0	35·8	[33·0]	34·7	32·3	32·5	[30·9]	31·6	30·6	31·5	30·7	32·0	30·7	31·6	30·6	32·2	30·6	32·6	30·8
14	36·9	33·9	37·2	34·0	37·5	34·3	37·6	34·1	36·8	33·5	35·1	33·6	33·3	[32·0]	32·1	30·3	30·5	29·0	29·8	28·1	28·7	27·1	27·0	25·9	32·6	30·8
15	35·3	32·0	36·3	32·2	37·4	[33·5]	37·0	33·0	36·2	[32·5]	33·9	[30·5]	31·9	[29·0]	30·2	[28·0]	29·7	[27·5]	27·1	25·7	25·2	24·3	24·3	23·4	29·2	27·3
16	37·9	32·9	40·4	36·5	40·1	37·1	40·0	[37·8]	41·3	39·9	42·2	40·8	41·3	40·7	42·1	41·1	42·7	42·0	42·2	41·7	43·3	42·4	42·2	41·8	33·1	31·6
17	49·0	47·8	50·0	48·3	50·7	48·5	51·6	48·4	50·0	47·1	48·4	46·0	47·4	45·3	47·6	45·3	47·0	45·7	49·0	47·0	48·9	47·0	48·8	47·3	47·7	46·1
18	50·7	48·6	52·2	48·6	56·0	48·0	56·0	47·9	55·9	48·0	53·5	47·1	52·7	47·1	52·0	46·9	53·0	47·4	52·3	47·7	53·0	48·2	53·6	48·9	51·4	47·9
19	56·1	45·7	56·6	46·7	57·0	48·1	56·3	48·1	55·3	48·1	53·5	46·5	51·3	44·8	49·5	43·9	49·0	42·4	49·6	41·8	49·0	40·6	47·0	38·8	52·3	45·0
20	50·1	41·2	51·5	42·0	52·0	42·7	50·5	42·0	48·4	41·3	45·2	39·0	44·0	38·2	43·0	38·0	41·1	37·9	38·0	35·2	36·0	33·8	35·2	33·2	44·2	37·8
21	44·0	41·8	43·9	41·3	44·6	42·4	44·3	42·2	44·7	41·1	44·9	41·0	42·3	39·9	41·3	38·7	40·4	38·2	39·5	37·1	37·0	35·6	36·6	34·8	39·6	37·7
22	46·4	40·7	47·0	40·9	47·9	41·7	47·1	42·2	46·6	42·0	45·7	41·8	45·2	42·0	45·0	42·1	44·9	42·2	44·1	42·0	44·3	42·3	43·8	42·1	42·0	39·0
23	49·6	44·9	49·0	44·2	48·7	44·4	48·8	44·0	48·0	44·0	47·0	43·1	45·5	42·7	45·2	42·7	45·3	42·8	45·0	42·2	45·0	42·3	44·5	41·9	45·9	43·0
24	47·8	43·9	48·7	44·6	48·9	45·2	48·4	44·9	47·5	44·1	46·0	43·9	45·0	42·2	44·1	42·2	43·2	41·7	42·8	41·9	42·7	41·8	42·4	41·7	44·5	42·4
25	44·3	43·2	43·8	42·9	44·3	43·1	43·6	42·7	43·7	42·3	42·7	41·4	42·1	41·0	42·4	40·6	42·0	40·7	42·1	41·0	42·5	41·6	42·8	41·8	43·0	41·9
26	33·2	31·9	32·2	30·0	31·2	30·0	29·8	29·1	30·2	28·6	30·0	27·8	29·7	27·3	29·3	27·2	28·7	[27·6]	27·6	[26·7]	27·7	25·7	27·1	25·2	34·6	33·1
27	32·5	27·0	32·5	27·1	33·0	29·1	33·8	[29·7]	33·6	[29·6]	32·6	[28·8]	31·6	27·8	30·9	27·7	29·2	26·2	29·1	26·3	28·0	25·7	27·0	24·9	29·4	25·8
28	36·6	33·0	37·8	33·8	37·1	[33·5]	34·7	[32·0]	35·9	31·6	33·7	31·9	31·9	31·8	30·0	[29·7]	28·3	[27·5]	27·6	25·1	26·4	24·0	25·7	23·7	31·3	29·6
29	38·0	34·6	39·3	35·2	41·1	36·4	42·2	37·0	41·1	35·8	39·8	34·9	38·9	34·8	38·2	34·9	38·0	35·1	37·6	35·0	37·9	35·3	37·8	35·2	32·4	29·6
30	44·9	41·0	45·7	40·8	47·0	40·0	47·2	40·6	47·2	40·9	45·2	39·8	42·2	37·0	41·7	36·9	41·0	36·8	41·0	37·0	40·4	37·2	40·2	37·1	41·7	37·9
31	48·0	43·1	48·7	42·3	49·0	43·6	49·0	43·9	49·2	44·0	47·3	42·4	44·7	40·3	44·0	39·3	43·4	39·1	43·3	39·1	43·2	39·3	42·1	38·9	44·0	39·7
MEAN	40·3	36·3	40·9	36·6	41·4	37·2	41·1	37·1	40·5	36·6	39·2	35·7	38·0	35·1	37·3	34·5	36·5	34·1	36·0	33·7	35·5	33·2	34·9	32·8	36·6	33·9

TEMPERATURE. DRY AND WET BULBS. APRIL 1892.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	35·8	32·8	35·9	33·6	36·0	33·2	37·8	33·8	37·1	33·2	37·0	34·7	37·0	33·4	35·8	34·8	37·6	34·8	37·4	34·3	37·9	35·8	37·8	35·5	40·8	35·8
2	40·1	30·5	39·9	30·9	39·3	30·6	38·6	31·1	39·0	31·2	38·7	30·7	38·7	30·8	37·8	32·2	39·1	32·2	39·7	33·5	40·0	33·0	40·5	34·6	42·3	37·8
3	41·1	32·1	41·1	31·2	41·1	32·0	41·2	31·3	41·5	32·2	41·1	31·3	40·9	31·6	40·7	32·0	41·7	32·7	42·1	32·3	43·0	33·4	42·1	33·0	44·1	38·7
4	38·0	32·6	39·0	32·2	39·8	32·8	39·0	32·1	38·2	32·1	38·0	33·0	38·7	33·1	38·2	32·9	37·9	33·8	38·1	34·5	38·3	34·7	38·4	36·1	39·8	33·0
5	35·8	35·8	35·8	35·8	35·9	35·9	36·7	36·7	36·1	36·2	36·2	36·2	36·2	36·2	36·0	36·0	35·7	35·7	35·7	35·7	35·7	35·8	35·6	35·6	36·7	34·2
6	34·7	34·7	35·0	34·9	35·1	35·0	34·7	34·4	35·0	35·0	34·7	34·3	35·0	33·8	36·5	34·0	37·3	35·2	38·5	38·0	35·7	35·7	36·3	36·4	38·5	34·1
7	33·9	33·9	34·0	34·0	34·0	34·0	33·8	33·8	33·3	33·3	33·0	33·0	34·0	34·0	33·0	33·0	33·0	33·1	32·1	32·2	32·1	32·1	32·7	32·5	34·7	32·0
8	32·6	32·7	33·1	33·1	33·9	33·9	33·3	33·3	33·4	33·3	34·0	33·3	33·9	32·2	34·5	32·1	35·9	33·2	35·9	33·3	37·3	35·0	38·2	35·7	39·0	32·6
9	35·2	32·1	34·2	31·9	34·0	31·2	34·1	31·3	33·3	31·4	35·5	31·8	36·9	32·2	37·5	31·9	38·1	31·1	38·4	30·4	37·1	30·1	36·7	28·7	38·4	33·0
10	33·2	25·6	35·7	27·8	36·1	28·1	35·2	26·9	36·5	27·8	37·1	28·3	38·7	29·4	40·5	30·9	38·7	28·9	38·7	29·0	37·4	30·0	38·4	31·3	41·7	33·2
11	38·5	32·7	38·2	32·1	38·8	32·0	39·0	32·3	38·3	32·0	38·0	31·5	39·0	33·0	39·9	34·0	39·0	33·1	40·0	33·1	39·9	33·5	40·6	35·1	40·6	32·0
12	32·0	26·5	28·0	26·9	26·0	26·0	25·7	25·7	25·0	25·0	24·1	24·0	24·0	24·0	23·5	23·5	23·3	23·4	23·7	23·7	21·4	21·6	21·3	21·5	32·0	12·6
13	12·5	12·5	13·0	13·0	13·2	13·2	13·4	13·4	13·8	13·9	13·7	13·7	14·0	14·0	14·1	14·2	14·6	15·0	14·8	15·0	16·0	16·2	16·1	16·5	20·2	12·2
14	12·0	12·0	12·9	12·9	12·6	12·6	11·8	11·8	11·5	11·5	12·0	12·3	13·0	13·0	12·8	13·0	14·9	14·9	14·5	14·2	16·3	16·2	20·0	18·7	20·0	11·5
15	13·0	13·0	12·5	12·5	13·7	12·6	14·6	13·1	14·0	13·0	14·3	13·8	15·2	14·7	16·2	16·0	18·7	18·0	16·3	15·5	17·2	17·0	18·3	16·7	22·0	12·5
16	14·1	14·1	14·0	14·0	14·1	14·0	14·0	13·9	14·0	14·0	14·0	14·2	16·3	16·3	15·3	15·9	15·7	16·0	17·0	17·0	17·0	17·0	16·8	16·4	19·7	14·0
17	14·8	14·0	15·0	14·7	14·7	14·8	15·0	15·0	14·1	14·1	15·4	15·4	16·1	16·1	17·0	17·0	18·1	18·4	19·0	19·5	19·3	19·5	21·2	20·8	23·0	14·1
18	17·2	17·2	17·0	17·0	16·3	16·3	15·3	15·3	15·2	15·2	14·0	14·2	14·4	14·0	16·1	16·1	16·8	16·8	18·3	18·3	19·4	19·4	20·4	20·2	24·8	14·0
19	20·0	20·0	20·0	20·0	19·7	19·8	19·7	19·7	19·6	19·6	20·0	20·0	21·1	21·1	21·2	21·2	21·8	22·0	23·1	23·5	23·8	23·0	25·8	25·1	30·2	19·6
20	30·4	30·4	29·4	29·4	29·4	29·4	29·1	29·1	27·9	27·9	27·5	27·5	28·1	28·1	29·0	29·0	30·1	30·1	31·4	31·4	31·2	31·2	31·4	31·4	32·5	27·5
21	29·8	29·8	29·0	29·0	29·2	29·2	28·8	28·8	28·2	28·2	28·3	28·3	28·2	28·2	28·1	28·1	29·7	29·7	30·0	30·0	30·9	30·9	30·1	30·1	37·3	28·1
22	32·2	32·2	30·0	30·0	29·1	29·1	29·0	29·0	29·5	29·5	29·8	29·8	29·9	29·9	29·0	29·0	29·4	29·4	29·1	29·1	29·0	29·0	28·3	28·3	32·2	26·7
23	27·2	27·2	27·1	27·1	27·0	27·0	26·1	26·1	25·4	25·4	25·3	25·3	25·8	25·8	26·2	26·2	26·9	26·9	27·1	27·1	27·4	27·4	27·8	27·8	28·8	25·3
24	25·0	25·0	25·1	25·1	25·2	25·2	25·1	25·1	25·0	25·0	25·0	25·0	25·8	25·8	27·0	27·0	27·2	27·2	28·3	28·3	29·2	29·2	29·0	29·0	29·3	25·0
25	25·0	25·0	24·2	24·2	23·7	23·7	23·0	23·0	22·7	22·7	22·5	22·5	23·8	23·8	24·3	24·3	25·0	25·0	25·7	25·7	26·0	26·0	26·7	26·7	29·0	19·3
26	19·8	19·8	19·0	19·0	18·9	18·9	18·5	18·5	18·6	18·6	18·5	18·5	19·1	19·1	20·4	20·4	22·8	22·8	26·1	26·1	25·0	23·8	26·0	24·0	32·0	18·5
27	22·2	22·3	22·1	22·1	22·1	22·1	22·5	22·5	22·9	22·9	22·9	22·9	24·1	24·1	25·4	25·4	25·7	25·7	25·1	25·4	26·2	26·2	25·1	25·4	26·2	20·8
28	20·1	20·1	19·8	19·8	19·3	19·3	18·9	18·9	18·8	18·8	19·0	19·0	19·4	19·4	20·8	20·8	21·4	21·4	23·1	23·1	23·6	23·6	26·3	26·3	26·3	15·4
29	14·7	14·9	15·3	15·3	14·7	13·5	14·7	13·6	15·2	14·3	15·2	15·0	16·2	16·0	17·2	16·9	16·8	17·0	19·2	19·0	20·6	19·4	23·2	22·2	24·4	14·7
30	24·1	24·1	24·4	24·4	24·4	24·4	25·1	25·1	25·0	25·0	25·2	25·2	26·4	26·4	27·0	27·0	27·1	27·1	28·3	28·3	28·2	28·2	28·8	28·8	29·6	24·1
MEAN	26·8	25·2	26·7	25·1	26·6	25·0	26·5	24·8	26·3	24·7	26·3	24·8	27·0	25·3	27·3	25·8	28·0	26·4	28·6	26·9	28·7	27·1	29·3	27·7	31·9	24·4

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	38·2	32·1	37·4	29·1	37·3	30·0	37·9	28·7	38·9	29·3	38·5	31·1	38·8	30·2	38·9	29·0	39·6	30·0	40·1	31·0	40·8	31·2	39·7	29·6	37·9	32·1
2	42·3	33·8	41·0	32·8	41·0	32·7	40·8	32·5	41·1	32·3	39·6	32·0	39·0	32·9	39·4	32·5	39·9	33·2	39·5	31·3	39·8	31·0	39·1	30·0	39·7	32·0
3	43·1	32·6	44·1	33·5	43·7	35·1	43·8	34·5	43·1	33·9	42·0	33·8	40·1	34·4	38·7	33·8	41·0	32·7	40·8	32·8	40·0	32·5	39·5	32·0	41·6	32·8
4	38·4	36·0	38·0	35·4	37·0	34·3	34·7	34·5	34·1	34·1	33·2	33·2	33·0	32·9	34·1	34·1	34·8	34·8	35·1	35·1	35·8	35·8	36·0	36·0	36·9	34·0
5	35·7	35·9	36·1	36·1	35·9	35·9	36·0	36·0	35·7	35·7	36·0	36·0	35·5	35·5	35·9	35·9	35·0	35·0	35·0	34·1	34·2	34·2	34·7	34·7	35·7	35·7
6	37·1	37·1	38·0	38·0	36·9	36·9	37·2	37·2	36·1	36·1	35·5	35·5	35·4	35·4	35·0	35·0	35·5	35·5	35·0	35·0	34·5	34·5	34·1	34·1	35·8	35·5
7	33·0	33·2	33·9	33·9	34·5	34·5	34·7	34·7	34·1	34·1	33·8	33·8	32·9	32·9	32·9	32·9	32·9	32·9	32·0	32·0	34·0	33·8	33·2	33·1	33·3	33·3
8	38·7	35·5	38·4	35·6	39·0	34·5	38·2	36·9	38·0	37·0	37·0	35·8	36·1	33·8	35·2	32·0	38·2	33·8	38·0	34·2	37·0	34·1	35·0	33·0	36·0	34·1
9	36·7	29·3	36·3	32·2	36·0	32·1	35·7	32·2	34·5	31·0	33·5	29·8	33·6	28·2	33·3	32·4	33·2	32·2	33·0	31·7	34·8	29·0	34·9	27·1	35·3	30·9
10	39·0	32·5	40·0	34·1	41·0	35·1	41·3	35·3	41·7	35·5	40·2	35·0	38·4	34·0	39·0	33·9	38·7	33·3	38·9	33·5	38·2	33·0	39·0	33·0	38·4	31·3
11	40·2	35·1	39·2	34·1	39·8	35·1	39·6	35·3	39·0	34·7	38·3	34·0	36·2	32·0	34·8	31·1	33·2	29·2	32·4	29·0	32·0	27·2	32·9	26·9	37·8	32·4
12	20·7	20·9	20·6	20·7	20·0	20·0	20·0	20·0	20·2	20·3	18·4	18·5	15·9	16·0	16·0	16·0	14·8	14·8	14·1	14·1	12·9	12·9	12·6	12·6	21·0	20·8
13	20·2	20·0	17·2	17·4	18·1	18·1	18·4	19·0	16·3	16·5	16·0	16·3	16·0	16·0	15·2	15·2	14·2	14·2	13·8	13·8	12·9	12·9	12·2	12·2	15·0	15·1
14	18·1	17·0	17·8	17·1	19·6	18·6	17·9	16·1	18·9	19·0	17·5	18·0	15·5	15·3	15·3	15·3	15·7	14·7	14·5	14·5	14·5	14·5	14·0	14·0	15·2	14·9
15	22·0	20·2	19·7	18·0	18·0	17·0	17·0	17·2	16·7	15·8	16·8	17·0	16·8	16·8	15·9	15·9	15·1	15·1	14·8	14·8	14·7	14·7	14·0	14·0	16·1	15·5
16	19·5	18·1	19·7	17·3	18·4	17·8	18·0	17·2	18·8	18·6	17·3	17·1	17·0	16·1	16·9	16·9	15·8	15·7	15·8	15·0	15·2	14·8	15·0	14·4	16·2	15·9
17	23·0	21·8	20·9	20·0	19·0	19·0	18·3	18·3	18·7	18·9	18·0	18·0	18·0	18·0	17·7	17·7	18·0	18·0	17·5	17·5	17·9	17·9	17·0	17·0	17·7	17·6
18	21·4	20·4	24·8	22·8	23·8	23·8	23·1	22·8	23·7	23·0	20·6	20·2	20·9	20·9	21·0	21·0	21·3	21·2	21·3	21·3	20·0	20·0	19·9	19·9	19·3	19·1
19	25·9	24·9	25·2	25·2	25·8	24·1	25·7	23·7	25·8	24·1	25·2	24·7	25·0	25·0	26·3	26·3	27·1	27·1	28·4	28·4	30·2	30·2	30·0	30·0	24·0	23·7
20	31·7	31·7	31·7	31·7	31·0	30·2	31·0	30·1	30·2	28·4	29·7	27·9	29·0	29·0	30·2	30·2	32·5	32·3	32·0	32·2	29·5	29·5	30·0	30·0	30·1	29·9
21	31·3	31·3	32·3	32·3	32·9	32·9	35·1	35·1	36·0	36·0	36·4	36·4	37·0	37·0	36·9	36·9	37·2	37·2	37·3	37·3	35·0	35·0	32·9	32·9	32·1	32·1
22	28·0	28·0	28·6	28·6	29·0	29·0	28·7	28·7	28·1	28·1	28·2	28·2	27·9	27·9	28·0	28·0	27·3	27·3	27·4	27·4	27·1	27·1	26·7	26·7	28·7	28·7
23	27·9	27·9	27·9	27·9	28·3	28·3	28·8	28·8	28·3	28·3	27·8	27·8	26·7	26·7	26·2	26·2	26·1	26·1	25·8	25·8	25·4	25·4	25·3	25·3	26·8	26·8
24	29·0	29·0	29·3	29·3	29·0	29·0	28·7	28·7	27·9	27·9	27·7	27·7	27·6	27·6	27·0	27·0	27·0	27·0	26·0	26·0	25·8	25·8	25·1	25·1	27·0	27·0
25	27·9	27·9	29·0	29·0	27·0	27·0	26·8	26·8	24·8	24·8	23·0	23·0	21·2	21·2	20·6	20·6	19·8	19·8	19·9	19·9	20·1	20·1	19·3	19·3	23·8	23·8
26	31·9	29·0	32·0	28·1	30·6	27·2	29·0	26·1	25·0	23·5	26·0	24·1	23·9	23·9	22·6	22·7	23·1	23·1	23·2	23·2	22·3	22·5	21·5	21·6	23·5	22·7
27	26·2	26·2	24·2	24·2	23·3	23·3	23·0	23·0	23·4	23·4	22·1	22·1	21·5	21·5	21·1	21·1	20·9	20·9	21·3	21·3	21·3	21·3	20·8	20·8	23·1	23·2
28	26·0	26·0	25·2	25·2	24·1	24·1	24·2	24·1	20·2	20·2	19·5	19·1	19·0	19·3	17·2	17·2	17·1	17·1	16·1	16·1	17·7	17·3	15·4	15·3	20·5	20·5
29	24·0	23·1	24·2	23·6	24·1	23·4	23·4	23·1	23·2	23·1	22·1	22·1	22·3	22·3	22·9	22·9	23·3	23·3	24·3	24·3	23·9	23·9	24·4	24·4	20·2	19·9
30	28·2	28·2	28·2	28·2	28·2	28·2	29·6	30·0	28·7	28·7	28·4	28·4	27·9	27·9	28·1	28·1	28·0	28·0	28·0	28·0	28·2	28·2	28·9	28·9	27·3	27·3
MEAN	30·2	28·2	30·0	28·0	29·7	27·9	29·6	27·9	29·0	27·4	28·3	26·9	27·6	26·4	27·4	26·3	27·5	26·2	27·4	26·0	27·2	25·7	26·8	25·1	27·9	26·3

TEMPERATURE. DRY AND WET BULBS. APRIL 1892.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	42·6	39·1	42·7	39·2	42·7	39·6	42·7	39·2	42·3	39·0	41·2	38·3	41·7	38·8	43·4	39·8	46·0	40·7	47·6	41·2	48·8	42·3	51·3	42·7	55·2	35·9
2	34·1	31·2	33·0	30·7	32·5	29·9	32·5	29·9	31·4	29·3	32·5	29·9	32·0	29·9	36·0	32·7	38·0	35·0	41·6	38·8	45·9	40·5	48·9	41·9	57·3	31·0
3	35·1	33·3	35·0	32·7	35·1	32·6	34·2	32·6	34·8	32·8	35·0	33·0	36·1	34·0	37·9	35·3	41·8	38·2	45·4	41·1	51·9	44·7	56·0	47·9	**65·8**	34·0
4	44·5	40·4	44·0	40·6	44·0	40·4	42·0	39·9	40·9	38·8	39·3	37·7	39·7	37·9	42·2	39·1	45·8	42·0	51·0	44·0	53·0	45·4	56·0	46·9	56·8	39·3
5	48·2	46·1	48·3	46·1	49·7	47·0	48·3	46·7	48·4	46·9	48·2	46·9	48·2	47·0	48·0	47·0	48·2	47·3	47·1	46·7	47·9	47·1	47·9	47·3	50·0	46·8
6	47·0	47·0	46·9	46·8	46·8	46·7	46·5	46·3	46·7	46·3	46·0	45·7	46·3	46·0	47·0	46·8	48·9	48·0	50·9	49·0	52·8	50·2	54·9	50·9	56·1	45·7
7	44·7	43·5	44·9	43·7	44·0	43·1	43·3	42·3	43·1	42·1	43·3	42·5	44·0	43·0	45·0	43·6	48·0	45·9	50·0	46·9	52·7	48·1	56·0	48·4	59·5	42·9
8	44·9	41·7	42·3	40·8	42·8	40·3	41·2	39·7	41·5	39·8	40·3	39·0	40·0	38·6	42·9	40·9	46·9	44·4	49·9	46·6	54·9	49·3	58·1	50·0	64·1	39·1
9	45·7	42·3	41·5	39·9	42·9	40·2	42·6	40·0	42·2	39·7	41·0	38·8	42·0	39·8	46·8	43·1	48·2	44·5	51·7	47·0	55·0	47·0	58·0	46·6	62·2	40·1
10	41·9	37·4	41·2	36·5	39·7	35·0	38·1	34·2	36·6	33·0	36·8	32·3	40·0	34·5	43·7	37·2	47·9	40·0	49·2	40·2	52·3	42·8	54·1	43·0	62·2	36·1
11	37·6	35·5	37·6	35·3	36·8	34·9	35·2	33·6	34·4	33·0	34·1	32·9	36·7	34·7	40·9	38·1	46·5	42·2	52·0	45·7	55·9	46·0	58·0	47·0	60·5	33·8
12	42·0	40·2	41·9	39·9	41·0	39·1	41·0	38·7	41·1	38·9	40·2	38·2	40·1	37·9	39·8	37·0	39·7	36·2	40·0	35·2	40·8	35·9	41·9	36·4	43·2	30·9
13	29·6	27·4	28·7	27·0	30·1	27·9	32·1	29·4	32·3	29·8	31·2	28·9	31·7	29·2	35·1	31·2	37·0	32·1	37·8	32·8	38·2	32·9	37·1	33·0	43·0	28·4
14	29·0	27·3	27·3	25·9	26·8	25·3	24·6	24·0	24·1	23·3	23·0	22·4	26·5	25·0	29·2	27·5	32·8	30·1	34·6	31·2	36·8	31·9	38·8	33·2	43·0	**23·0**
15	27·9	26·6	27·6	26·2	26·0	25·2	24·5	23·9	24·2	23·5	23·8	23·2	27·2	26·0	30·0	28·6	34·0	31·1	36·8	32·2	38·3	33·1	40·0	33·9	44·0	23·6
16	28·7	27·7	27·1	26·4	25·9	24·9	26·3	25·9	26·1	25·8	26·0	26·2	27·0	26·5	31·1	29·5	33·8	31·7	36·0	32·0	37·5	32·3	39·6	33·0	43·4	25·4
17	28·0	[26·5]	26·8	26·0	25·0	24·3	25·2	24·3	23·2	23·0	24·5	23·8	27·0	26·1	28·9	27·6	32·8	30·7	37·7	33·3	40·0	35·1	42·5	35·9	44·0	**23·0**
18	30·9	31·9	30·7	30·0	29·9	29·2	28·8	28·3	29·1	28·8	27·5	27·2	28·6	28·0	31·1	30·2	36·8	32·2	40·9	36·0	42·1	36·0	43·5	36·5	49·0	27·5
19	32·0	30·4	31·0	29·7	29·5	28·3	28·4	27·4	28·4	27·3	28·9	27·5	31·9	30·0	35·4	33·0	37·6	35·3	40·9	36·9	43·8	39·3	44·9	39·2	49·1	28·0
20	44·7	43·8	46·1	43·4	44·7	43·1	44·7	42·7	43·7	42·0	43·9	41·9	45·1	43·4	45·7	44·2	46·9	45·1	48·2	46·0	49·0	46·8	49·2	46·6	52·0	42·4
21	45·6	43·0	45·4	42·7	45·2	43·3	45·8	42·5	44·7	42·3	45·0	42·5	45·1	43·1	46·7	43·8	47·1	44·2	49·7	45·7	46·9	45·7	46·8	45·3	50·0	44·3
22	48·2	44·4	47·2	43·5	46·8	43·0	46·4	42·9	45·9	43·4	45·6	43·0	47·0	44·1	47·0	43·9	48·6	43·3	49·1	44·2	50·3	43·7	51·0	44·3	52·3	45·2
23	45·5	41·8	44·7	41·4	45·8	41·3	43·7	40·4	43·7	40·5	45·0	40·3	45·7	41·5	44·1	41·0	47·8	42·9	47·9	42·9	50·1	44·0	50·5	44·7	51·6	42·4
24	44·4	40·4	42·1	39·8	44·4	40·2	43·8	40·0	43·0	39·7	43·7	39·9	42·6	40·0	43·6	40·8	46·5	41·9	47·6	42·2	48·9	43·9	48·9	43·1	51·0	41·8
25	43·3	39·8	42·6	39·5	42·1	39·0	41·9	38·7	41·8	38·5	41·2	38·0	42·2	39·1	42·3	39·0	43·4	39·6	42·7	39·7	45·1	40·7	45·9	41·7	49·7	38·4
26	40·0	35·9	39·4	35·8	39·4	36·0	39·0	35·6	39·2	35·1	38·0	35·1	39·8	35·9	41·3	36·5	42·6	36·9	44·9	37·7	45·2	38·8	46·3	38·9	51·0	37·8
27	41·0	38·0	40·7	37·8	39·3	37·3	37·3	35·8	34·7	34·1	33·6	33·2	33·9	33·5	34·4	34·0	35·0	34·8	36·1	35·3	38·8	37·6	41·4	39·9	44·2	33·6
28	38·0	35·6	38·0	35·4	37·4	34·8	36·8	34·2	36·2	34·2	36·9	34·4	38·6	35·1	40·0	35·2	41·0	35·8	40·7	35·9	40·9	37·5	40·0	37·2	45·0	31·1
29	31·1	28·9	30·1	28·4	30·0	27·9	30·7	28·0	29·9	27·4	31·0	28·3	35·3	31·5	36·6	32·1	40·0	34·8	41·5	35·6	42·6	36·3	44·2	37·5	48·3	29·8
30	40·8	39·0	41·9	39·8	40·0	38·5	40·0	38·7	40·4	39·4	41·1	39·5	43·0	41·0	44·3	42·0	44·3	41·9	46·8	43·2	47·4	43·1	47·9	44·7	51·9	39·9
MEAN	39·2	36·9	38·6	36·4	38·2	35·9	37·6	35·5	37·1	35·3	36·9	35·0	38·2	36·0	40·0	37·4	42·5	39·0	44·5	40·2	46·5	41·3	48·0	41·9	51·8	35·4

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	50·7	43·5	53·0	43·8	53·9	44·4	54·4	44·5	55·0	44·1	53·8	43·9	48·0	40·5	46·0	38·4	44·0	37·1	38·3	35·2	36·1	33·2	36·1	32·5	45·9	40·0
2	53·9	44·9	54·8	44·7	55·8	44·5	55·3	45·3	57·3	45·3	54·2	44·0	50·9	42·2	47·5	40·3	47·6	40·4	44·0	38·8	38·2	36·0	37·9	34·9	43·1	37·5
3	58·0	48·2	60·8	49·0	63·7	50·8	63·2	49·7	60·3	50·7	57·8	47·6	56·5	46·2	49·3	44·5	51·0	44·7	50·0	43·9	48·0	42·6	47·3	41·9	47·7	41·6
4	55·5	47·8	52·3	47·2	51·9	47·4	52·8	48·3	52·0	48·1	50·7	47·3	49·2	46·7	49·8	46·7	49·9	46·9	49·1	46·5	48·7	46·2	48·3	46·2	48·0	44·1
5	49·8	48·3	48·8	47·9	48·6	47·8	49·0	48·0	48·1	47·6	47·9	47·4	47·8	47·5	47·1	47·0	46·9	46·8	47·3	47·0	47·9	47·5	47·3	47·3	48·1	47·2
6	54·8	50·4	54·7	50·1	54·2	49·8	54·1	49·6	52·8	49·0	51·1	48·0	49·9	46·9	48·2	45·2	47·9	45·9	46·3	45·0	46·1	45·3	45·8	44·6	49·4	47·5
7	57·2	49·1	58·2	49·9	58·9	50·8	58·7	50·3	58·1	50·0	57·0	49·3	55·1	47·8	53·3	46·7	50·6	45·2	48·8	44·2	47·3	43·5	45·2	42·3	50·3	45·9
8	61·9	50·9	62·9	51·6	63·8	51·9	63·5	52·7	62·8	53·2	61·5	51·0	58·0	48·3	53·4	46·6	51·8	45·9	48·2	43·9	47·2	43·0	46·2	42·4	51·1	45·5
9	60·9	46·7	61·0	47·2	61·9	48·7	61·0	48·3	61·0	48·7	58·8	46·9	55·1	43·9	50·8	43·1	48·0	40·8	46·0	39·6	45·2	39·0	42·9	37·9	50·4	43·3
10	56·7	46·0	60·0	48·3	60·9	49·7	59·7	50·3	61·3	49·3	60·3	48·9	54·8	45·9	50·4	43·7	49·0	43·3	46·0	41·4	41·0	38·7	39·0	36·8	48·4	41·2
11	60·1	47·4	60·3	47·0	58·8	48·3	57·3	46·7	56·7	45·9	54·0	43·2	49·5	42·0	46·4	41·7	44·9	41·9	42·9	40·2	42·7	39·9	42·3	40·9	46·7	41·0
12	43·0	36·8	42·0	36·1	42·2	36·0	42·2	36·1	40·0	36·1	38·8	35·0	36·3	32·7	36·5	32·5	34·3	32·1	33·7	32·1	33·0	31·4	31·2	29·7	39·3	35·8
13	37·8	33·2	38·3	34·2	38·9	35·0	35·1	33·6	36·3	32·8	38·2	34·3	35·5	33·1	33·8	32·0	32·9	32·2	32·0	32·1	31·0	32·0	29·4	27·9	34·2	31·4
14	39·9	34·0	39·0	33·0	40·3	35·7	37·3	33·7	36·2	33·8	37·4	33·9	35·9	32·4	32·4	31·0	31·1	30·1	30·7	30·1	29·8	28·8	28·7	27·5	32·2	29·6
15	41·6	34·9	41·9	35·0	39·2	33·8	38·1	34·2	38·2	34·4	36·0	33·7	33·7	32·2	32·9	32·1	33·0	32·0	33·0	32·0	31·2	32·0	29·0	28·3	32·8	30·3
16	41·3	35·4	43·4	36·8	41·7	35·1	41·3	34·8	41·2	35·0	41·0	34·5	38·8	33·9	35·1	32·5	33·8	31·1	31·7	29·3	30·0	28·3	29·6	27·9	33·9	30·7
17	42·4	36·4	43·3	36·6	42·1	36·4	39·0	35·3	38·0	34·6	36·8	34·1	36·0	33·9	34·0	32·6	32·9	31·7	32·7	31·7	32·6	31·5	32·1	32·1	33·5	31·0
18	45·6	37·8	45·9	39·3	43·3	38·5	46·0	39·4	48·6	41·6	40·4	37·0	40·2	37·0	38·5	35·9	37·9	35·8	35·9	34·4	34·9	32·9	33·1	31·7	37·1	34·0
19	46·5	40·3	47 4	40·3	47·2	37·9	46·9	38·9	46·8	40·0	47·6	39·7	43·5	39·9	42·5	39·4	41·6	39·9	40·8	39·7	42·1	41·3	43·1	42·4	39·5	36·0
20	50·8	47·1	51·2	46·0	52·0	46·5	50·9	46·1	49·9	45·1	51·0	43·2	47·9	43·4	46·0	43·9	45·8	44·9	46·2	45·3	45·4	43·0	46·0	43·8	47·3	44·5
21	47·0	45·9	46·3	45·4	46·3	45·7	47·1	46·2	48·1	47·4	48·8	48·1	48·2	47·9	47·9	47·7	49·2	48·8	48·0	47·7	49·0	47·6	49·9	46·3	47·1	45·4
22	51·4	44·9	51·3	44·4	51·3	44·2	52·0	43·9	51·5	44·3	48·9	43·7	47·3	43·0	47·0	42·7	46·4	41·8	46·4	41·6	46·2	41·4	45·8	41·5	48·3	43·4
23	51·3	44·8	50·3	44·5	50·0	44·4	49·0	44·5	51·0	45·4	47·6	43·1	44·4	41·9	44·8	41·4	44·1	41·0	45·0	40·4	44·0	40·5	44·3	40·2	46·7	42·3
24	49·9	43·3	50·2	43·1	48·7	45·4	47·2	44·0	45·9	43·2	45·9	42·9	45·1	42·4	43·7	41·3	43·7	41·5	44·0	40·7	42·2	40·6	43·7	40·1	45·4	41·7
25	45·8	42·9	44·0	41·0	47·8	43·3	49·2	42·9	46·6	39·8	44·3	37·9	43·3	37·2	42·4	37·1	42·1	36·1	40·9	36·8	40·3	36·7	38·4	36·0	43·3	39·2
26	47·7	40·0	49·8	42·1	50·8	43·0	48·0	41·3	45·7	40·0	49·8	42·6	46·6	40·1	42·1	38·0	40·0	36·8	39·3	36·7	40·9	37·6	40·5	37·3	43·2	38·1
27	44·1	41·6	42·9	40·0	42·8	39·3	42·3	39·0	41·2	38·9	39·8	37·2	38·9	37·0	38·5	36·5	38·3	36·4	38·0	36·6	37·7	36·1	37·7	36·0	38·7	36·9
28	40·4	38·0	43·3	38·3	43·0	37·3	43·6	37·4	43·2	37·0	42·0	35·9	39·8	34·3	37·0	32·7	35·1	31·6	32·8	29·9	32·0	29·3	31·1	29·0	38·7	34·8
29	47·0	40·0	47·7	40·0	48·0	40·8	46·9	40·0	45·9	39·9	46·9	39·5	45·0	39·2	42·7	39·1	40·0	38·4	40·7	38·6	41·7	39·0	42·7	39·4	39·9	35·4
30	48·9	44·0	49·5	44·3	48·1	44·8	51·9	46·2	48·7	44·9	48·3	43·4	48·1	43·4	46·0	42·9	45·3	42·7	44·8	43·0	44·7	43·1	44·1	43·3	45·3	42·4
MEAN	49·4	42·8	49·8	42·9	49·9	43·2	49·4	43·0	48·9	42·9	47·9	41·9	45·6	40·8	43·5	39·8	42·6	39·5	41·4	38·8	40·6	38·3	40·0	37·6	43·2	39·3

TEMPERATURE. DRY AND WET BULBS. MAY 1892.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	29·2	29·2	29·7	29·7	29·8	29·8	30·0	30·0	30·3	30·3	30·5	30·5	31·1	31·1	32·0	32·0	32·0	32·0	32·0	32·0	32·0	32·0	32·0	32·0	33·0	28·0
2	25·4	22·4	26·0	22·2	27·0	22·1	26·6	22·3	31·1	22·4	32·0	26·1	32·2	28·0	34·9	29·7	34·8	32·0	35·0	33·0	34·2	33·9	34·7	34·2	35·1	25·3
3	29·7	22·9	28·2	22·7	23·6	21·9	23·3	21·3	21·9	22·0	22·1	21·9	22·9	22·3	24·1	24·2	24·1	24·3	25·1	25·1	25·7	25·7	25·2	25·2	32·8	21·9
4	33·0	24·1	29·3	23·4	24·3	22·0	20·4	20·7	28·0	23·7	29·3	25·8	30·4	27·0	30·1	26·9	31·7	28·7	32·7	29·0	34·7	30·0	32·1	30·0	36·5	**20·4**
5	33·8	31·9	31·5	30·2	33·0	31·0	31·8	30·0	32·8	30·2	31·2	29·8	36·0	32·0	38·4	32·0	40·3	33·0	39·1	30·5	36·4	30·5	37·5	29·1	40·3	24·2
6	26·4	23·1	26·9	22·3	25·8	22·1	25·3	20·6	24·8	20·9	25·1	21·1	27·8	22·6	29·0	26·1	29·8	24·5	30·8	26·0	33·0	29·8	31·1	28·1	35·0	24·8
7	31·8	27·9	30·8	28·2	30·0	26·3	25·1	25·1	26·1	26·1	26·9	26·9	28·1	28·1	29·3	29·3	30·0	30·0	30·8	30·8	31·2	31·2	31·5	31·5	31·8	25·1
8	27·4	27·4	26·0	26·0	24·5	24·5	23·5	23·6	25·3	25·3	22·1	22·3	23·3	23·8	29·0	25·7	32·2	28·1	29·1	27·7	29·7	28·1	31·3	29·4	32·2	22·1
9	28·9	28·9	29·1	29·1	29·2	29·2	28·2	28·2	27·9	27·9	28·9	28·9	28·8	28·1	30·6	30·0	32·8	32·0	32·0	32·0	32·8	32·1	33·0	32·5	36·8	27·9
10	36·7	33·9	37·1	34·0	36·1	32·7	36·1	33·0	36·7	33·7	37·1	33·8	36·4	32·1	37·8	30·9	38·3	33·0	40·4	35·0	41·6	36·9	42·4	37·2	**44·3**	33·0
11	33·5	30·2	35·0	31·3	34·0	29·1	32·3	26·9	29·0	27·3	32·1	29·8	32·1	31·3	31·0	30·5	32·0	31·0	32·2	32·0	33·8	32·5	36·1	33·3	38·9	29·0
12	37·0	33·0	36·9	33·0	37·0	33·3	37·2	33·2	36·0	32·6	36·7	33·0	37·2	33·3	38·0	34·1	38·1	34·7	39·2	35·2	38·7	34·0	39·3	35·2	41·8	36·0
13	37·3	37·3	38·0	38·0	38·1	38·1	37·8	37·8	38·3	38·3	38·9	38·9	39·0	39·0	39·0	39·0	39·5	39·5	40·1	40·1	40·1	40·1	40·3	40·3	41·3	37·3
14	39·7	39·4	39·4	39·1	37·6	37·5	36·2	36·2	33·0	33·0	32·2	32·2	32·2	32·2	32·0	32·1	31·0	30·9	30·7	30·7	31·7	31·5	31·4	31·4	39·7	30·3
15	32·2	32·2	32·2	32·2	32·5	32·5	32·4	32·4	33·3	33·3	34·3	34·3	34·2	34·2	32·9	32·9	33·0	33·0	33·0	33·0	33·0	33·0	33·2	33·1	34·3	29·3
16	29·3	29·3	29·4	29·4	30·0	30·0	30·5	30·5	31·0	31·0	31·6	31·6	31·8	31·8	31·5	31·5	31·8	31·8	31·7	31·7	32·0	32·0	32·3	32·3	32·3	29·3
17	30·8	30·8	29·9	29·9	29·2	29·2	29·0	29·0	28·8	28·8	28·3	28·3	29·2	29·2	29·9	29·9	29·0	29·0	30·9	30·9	29·5	29·5	29·8	29·8	33·4	28·2
18	28·2	28·2	28·7	28·7	28·0	28·0	27·6	27·6	27·9	27·9	28·1	28·1	27·9	27·9	28·3	28·3	28·9	28·9	29·6	29·6	30·4	30·4	31·7	31·7	32·6	27·6
19	28·8	28·8	28·9	28·9	29·0	29·0	27·4	27·4	27·7	27·7	28·0	28·0	28·2	28·2	28·9	28·9	30·0	30·0	30·0	30·0	30·8	31·3	30·8	31·1	35·2	27·4
20	33·8	33·8	34·1	34·1	33·2	33·2	32·2	32·2	32·0	32·0	32·1	32·1	32·2	32·2	32·2	32·2	32·3	32·3	31·7	32·2	31·0	31·0	30·7	30·7	34·1	24·2
21	25·1	25·1	25·7	25·7	23·9	23·9	24·0	24·0	24·3	24·3	25·3	25·3	25·9	25·9	26·8	26·8	27·0	27·0	27·7	27·7	28·9	28·9	27·7	27·7	28·9	23·9
22	23·0	23·0	22·4	22·4	22·0	22·0	22·0	22·0	21·5	21·5	22·0	22·0	23·0	22·0	23·0	23·9	23·8	24·8	25·0	25·4	26·9	27·0	28·5	27·6	28·7	21·5
23	26·6	26·6	26·7	26·7	27·1	27·1	27·2	27·2	29·9	29·9	30·7	30·7	31·9	31·9	32·3	32·0	33·0	33·0	34·0	34·0	34·6	34·6	35·2	35·9	39·0	26·6
24	39·1	39·1	38·9	38·9	38·4	38·4	38·5	38·5	38·1	38·1	38·1	38·1	38·6	38·6	36·3	36·3	36·2	36·2	36·4	36·4	36·7	36·7	37·0	37·1	39·1	33·1
25	34·9	34·9	35·0	35·0	35·0	35·0	35·7	35·7	35·1	35·1	35·4	35·4	34·8	34·8	34·7	34·7	35·0	35·0	35·9	35·9	36·8	36·8	37·6	37·6	38·7	34·5
26	34·2	33·9	34·1	33·3	33·7	33·3	34·0	34·0	34·2	34·5	35·9	35·6	36·4	36·0	36·8	36·8	37·2	37·2	38·2	38·0	38·8	38·8	39·8	39·7	41·7	33·7
27	39·8	39·8	38·8	38·8	38·2	38·2	38·5	38·5	38·7	38·7	38·6	38·6	38·5	38·5	38·7	38·7	37·8	37·8	37·8	37·8	37·9	37·9	37·9	37·9	39·8	36·3
28	37·4	37·4	37·0	37·0	37·1	37·1	36·1	36·0	36·8	36·3	38·0	37·4	38·3	37·8	39·2	38·8	40·2	40·2	40·4	40·4	41·2	40·7	42·8	41·1	43·0	36·1
29	41·7	41·7	39·0	39·0	38·7	38·7	38·1	38·1	36·8	36·8	36·4	36·4	37·2	37·2	36·0	36·0	35·0	35·0	34·2	34·2	33·2	33·2	32·1	32·1	41·7	32·1
30	32·7	32·7	32·8	32·8	32·3	32·3	32·2	32·2	32·9	32·9	33·3	33·3	33·9	33·9	34·5	34·5	36·0	36·0	37·0	37·0	38·5	38·5	39·8	39·8	40·6	32·2
31	37·9	37·9	39·8	39·8	40·0	40·0	37·8	37·8	35·8	35·8	35·7	35·7	35·0	35·0	37·8	37·8	38·4	38·4	39·0	39·0	39·4	39·4	40·2	40·2	41·1	35·0
MEAN	32·4	31·2	32·2	31·0	31·6	30·6	30·9	30·1	31·2	30·3	31·4	30·7	32·1	31·2	32·7	31·7	33·3	32·2	33·6	32·7	34·0	33·2	34·4	33·4	36·9	28·9

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	32·1	32·2	33·0	33·0	32·9	32·9	32·2	32·2	32·0	32·1	31·5	31·6	30·5	31·8	30·2	30·2	30·0	30·0	29·7	29·7	29·2	29·2	28·0	28·0	30·9	31·0
2	35·1	34·4	33·9	33·9	32·2	32·3	32·2	32·2	32·4	32·4	28·1	28·1	27·0	24·9	31·3	23·1	29·7	22·1	29·1	22·1	25·3	21·3	29·2	22·5	30·8	27·4
3	26·1	26·0	26·1	26·1	25·3	25·1	25·1	24·5	24·9	24·4	23·3	23·1	23·0	22·6	24·9	22·7	25·9	23·5	26·4	21·9	32·8	23·0	29·2	23·1	25·4	23·6
4	34·1	32·0	35·0	31·2	36·5	32·0	35·0	32·0	36·0	32·1	36·1	33·0	33·8	30·0	31·8	29·6	30·0	29·3	33·2	31·0	31·0	29·5	35·3	31·9	31·8	28·5
5	32·0	31·0	31·2	30·2	31·8	29·9	31·8	29·1	30·5	29·1	29·0	27·1	26·0	25·1	24·2	22·9	30·3	21·3	26·2	22·2	28·2	21·0	26·6	23·4	32·1	28·4
6	33·9	31·3	34·2	29·3	34·2	30·2	32·2	29·8	34·9	29·7	34·2	31·0	35·0	32·0	35·0	32·8	34·8	32·8	35·0	30·6	31·7	27·2	32·0	28·1	31·0	27·2
7	31·8	31·8	31·7	31·7	31·3	31·3	31·2	31·2	30·8	30·8	30·0	30·0	29·0	29·0	29·0	29·0	28·0	28·0	28·0	28·0	28·0	28·0	28·0	28·0	29·5	29·1
8	31·7	30·0	31·0	30·6	30·7	30·5	31·0	30·7	30·3	30·0	29·9	29·9	29·2	29·2	29·0	28·8	28·1	28·1	28·0	28·0	29·0	29·0	29·0	29·0	28·3	27·7
9	34·2	33·4	35·4	35·0	36·0	35·0	36·0	35·0	36·3	33·6	36·0	32·9	35·0	32·8	34·5	32·5	34·0	32·0	35·0	31·9	36·2	33·0	36·8	33·5	32·8	31·6
10	43·1	37·9	43·8	39·0	44·0	38·9	44·3	39·1	42·8	38·7	41·0	38·0	39·2	36·7	37·0	34·9	36·0	34·0	34·1	32·2	33·0	30·7	33·1	30·0	38·7	34·8
11	37·8	35·0	37·8	35·8	38·1	36·0	38·9	36·2	38·4	36·0	38·0	36·0	36·4	34·6	35·1	33·1	36·0	33·0	36·0	32·6	35·7	32·6	37·0	33·0	34·9	32·5
12	39·5	35·4	40·2	36·6	41·8	38·0	41·3	38·0	40·8	37·7	37·9	35·4	39·0	36·3	36·0	35·8	36·4	36·4	37·2	37·2	37·5	37·5	37·5	37·5	38·2	35·3
13	40·4	40·4	40·1	40·1	40·2	40·2	41·3	41·3	40·0	40·0	40·0	40·0	40·7	40·7	40·0	40·0	40·3	40·3	40·6	40·6	40·3	40·1	40·4	40·2	39·6	39·6
14	32·0	31·9	32·1	32·1	31·5	31·5	31·1	31·1	31·2	31·2	31·3	31·3	30·8	30·8	30·5	30·5	31·0	31·0	30·3	30·3	31·7	31·7	32·2	32·2	32·6	32·6
15	32·0	32·2	32·7	32·3	32·8	32·8	32·7	32·7	32·0	32·0	31·8	31·8	31·3	31·3	29·8	29·8	30·8	30·8	29·8	29·8	29·3	29·3	29·5	29·5	32·1	32·1
16	32·0	32·0	31·8	31·8	32·0	32·0	31·5	31·5	31·1	31·1	31·0	31·0	31·1	31·0	31·2	31·2	30·5	30·5	30·0	30·0	31·0	31·0	31·1	31·1	31·1	31·1
17	30·8	30·4	32·0	30·8	33·2	32·2	32·2	32·0	33·4	33·4	31·9	31·9	30·0	30·0	29·1	29·1	29·0	28·8	29·2	29·0	28·3	28·3	28·2	28·2	30·1	29·9
18	32·4	32·2	32·6	32·6	32·4	32·4	30·3	30·3	30·8	30·8	31·0	31·0	29·5	29·5	29·4	29·4	29·3	29·3	29·2	29·2	29·0	29·0	28·1	28·1	29·6	29·5
19	30·4	30·5	31·1	31·1	31·0	31·0	30·8	30·8	30·1	30·1	30·0	30·0	30·0	30·0	32·0	32·0	32·8	32·2	34·0	34·0	35·2	35·2	34·1	34·1	30·4	30·4
20	30·5	30·5	31·8	31·8	26·1	26·1	27·6	27·6	26·1	26·1	26·0	26·0	26·9	26·9	25·3	25·1	25·0	25·1	25·2	25·2	25·0	25·0	24·2	24·2	29·5	29·5
21	27·3	27·3	26·0	26·0	25·1	25·1	25·4	25·4	25·0	25·0	24·8	24·8	25·0	25·0	24·2	24·2	24·3	24·3	24·2	24·2	24·0	24·0	24·0	24·0	25·5	25·5
22	27·9	26·8	28·7	27·7	28·0	27·6	26·4	26·2	26·2	26·2	26·3	26·3	26·6	26·6	27·0	27·0	27·0	27·0	26·8	26·8	26·3	26·3	26·2	26·2	25·3	25·2
23	35·3	35·9	36·2	36·6	36·0	36·0	35·9	35·9	36·0	36·0	36·0	36·0	36·0	36·0	36·7	36·7	36·5	36·5	37·4	37·4	39·0	39·0	39·0	39·0	33·7	33·8
24	34·7	34·7	34·4	34·4	34·3	34·3	34·3	34·6	34·0	34·0	33·1	33·1	33·4	33·4	33·7	33·7	34·0	34·0	34·5	34·5	35·0	35·0	35·0	35·0	35·9	36·0
25	38·3	38·3	38·7	38·7	38·3	38·3	38·0	38·0	38·0	38·0	37·2	37·2	36·1	36·1	35·8	35·8	34·9	34·9	34·8	34·2	34·5	34·4	34·8	34·4	36·1	36·0
26	40·1	39·6	40·5	40·0	40·3	39·8	40·0	38·9	41·0	39·9	41·7	39·8	41·0	39·7	40·2	39·8	40·3	40·2	40·0	40·0	39·4	39·4	40·0	40·0	38·2	37·8
27	38·2	38·2	38·4	38·4	38·3	38·3	38·2	38·2	38·0	38·0	38·1	38·1	37·7	37·7	37·9	37·9	37·2	37·2	36·8	36·8	36·3	36·3	36·3	36·3	38·0	38·0
28	43·0	41·0	43·0	41·8	41·0	41·0	40·3	40·3	39·9	39·9	40·0	40·0	40·0	40·0	40·0	40·0	40·0	40·0	38·4	38·4	38·2	38·2	40·0	40·0	39·5	39·2
29	33·2	33·2	34·0	34·0	34·6	34·6	36·0	36·0	36·0	36·0	34·9	34·9	34·4	34·4	33·6	33·6	33·3	33·3	33·3	33·3	33·2	33·2	32·7	32·7	35·3	35·3
30	40·1	40·1	40·1	40·1	40·0	40·0	40·2	40·2	40·6	40·6	39·8	39·8	39·7	39·7	40·0	40·0	40·0	40·0	40·0	40·0	39·0	39·0	38·0	38·0	37·2	37·2
31	40·2	40·2	40·9	40·9	40·9	40·9	40·8	40·8	41·1	41·1	40·9	40·9	40·6	40·6	40·0	40·0	40·9	40·9	41·1	41·1	40·3	40·3	40·2	40·2	39·4	39·4
MEAN.	34·5	33·7	34·8	34·0	34·5	33·7	34·3	33·6	34·2	33·4	33·6	33·0	33·0	32·4	32·7	32·0	32·8	31·8	32·7	31·7	32·7	31·5	32·8	31·7	33·0	32·1

TEMPERATURE. DRY AND WET BULBS. MAY 1892.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	44·0	43·5	44·1	43·5	44·0	42·9	43·7	42·3	43·9	42·0	44·1	42·2	44·5	42·5	44·9	43·2	46·3	44·3	47·1	44·9	48·4	46·1	50·3	47·1	55·1	41·5
2	40·1	38·7	40·0	38·2	38·0	36·9	37·1	35·8	35·9	34·8	37·0	35·7	39·8	38·0	43·0	40·8	47·3	43·9	53·0	47·1	54·8	48·5	54·2	47·9	55·2	35·3
3	38·0	35·5	39·1	35·9	38·2	35·6	38·0	35·4	38·4	36·9	39·3	37·3	40·6	37·9	42·0	38·9	44·3	40·6	45·2	41·2	48·8	43·0	46·8	42·7	50·0	37·9
4	40·0	36·7	39·7	36·2	39·3	36·4	39·0	36·3	38·2	36·1	38·1	36·0	40·0	36·9	41·0	37·3	42·8	38·2	43·7	38·6	45·0	39·7	46·4	40·3	52·8	37·9
5	41·7	38·8	40·0	37·3	37·7	35·8	39·3	37·0	41·2	38·7	42·2	39·3	43·2	40·2	45·0	41·7	46·4	42·5	48·7	43·7	50·1	44·8	49·5	43·8	55·3	36·7
6	36·1	33·2	35·7	32·6	34·9	31·9	34·1	31·1	32·9	30·4	34·0	31·8	39·8	35·5	41·2	36·6	42·6	37·2	45·0	38·7	46·1	39·8	47·4	40·8	53·3	**32·6**
7	40·8	38·0	40·4	38·6	41·3	39·3	42·2	40·4	43·4	41·3	44·6	41·2	45·5	42·3	45·7	43·9	46·9	45·0	48·9	45·7	49·9	45·9	50·5	46·7	53·4	39·9
8	42·1	41·1	41·7	40·6	41·2	40·0	39·8	38·3	39·0	38·0	40·4	39·1	43·7	41·4	44·6	41·9	47·9	43·4	49·1	44·2	52·3	45·0	52·5	45·4	53·8	38·9
9	44·8	43·8	45·2	44·3	45·2	44·2	44·7	43·5	45·1	43·8	45·7	44·0	47·8	45·2	47·6	44·9	50·3	46·6	52·1	47·5	52·5	47·3	55·0	49·3	60·7	41·9
10	40·9	38·8	40·0	37·9	39·6	37·7	39·9	38·0	39·7	38·0	41·2	39·4	45·5	43·0	49·2	45·7	54·8	48·1	56·3	50·0	60·0	51·8	62·8	51·0	**67·7**	39·2
11	53·4	44·5	50·6	43·3	48·5	42·1	44·8	40·4	50·4	42·0	50·0	42·1	52·0	44·1	53·4	45·0	55·4	47·3	56·9	47·8	58·2	49·0	60·1	49·2	64·8	44·7
12	47·7	41·9	46·2	41·3	46·1	41·2	45·8	40·9	44·1	40·3	43·6	41·1	47·0	42·9	50·5	44·2	53·2	47·2	55·7	47·4	58·3	48·5	57·3	49·6	61·0	43·3
13	50·7	50·0	50·6	49·9	50·9	50·0	50·5	49·8	50·2	49·6	50·2	49·9	50·4	50·0	50·0	49·7	51·7	51·0	52·2	51·2	52·8	51·5	53·2	52·0	53·3	49·9
14	51·3	51·0	50·7	50·4	49·5	49·3	50·1	48·4	49·8	47·5	48·6	47·0	48·8	47·1	50·7	47·3	52·1	46·7	51·3	46·5	52·0	47·2	50·8	47·3	55·9	47·2
15	47·0	46·0	48·7	46·4	49·7	46·8	50·0	46·9	50·1	47·3	47·8	47·0	48·3	47·6	49·4	47·7	50·3	48·1	50·1	48·2	50·2	48·3	50·0	48·0	53·1	44·7
16	45·0	43·5	44·9	43·5	46·2	44·0	46·1	44·5	45·9	44·6	46·9	45·2	47·7	45·8	47·3	44·8	48·4	46·0	48·0	45·6	50·0	46·8	50·1	48·2	53·4	43·4
17	48·9	44·7	48·8	44·0	47·9	43·5	47·8	43·6	45·0	43·4	45·0	42·5	45·5	42·9	47·4	43·5	48·7	44·1	49·2	44·2	50·3	45·7	50·0	44·7	58·0	44·6
18	43·5	40·1	42·4	39·4	42·2	39·4	43·0	40·3	43·6	41·0	43·7	40·9	44·1	41·9	44·7	42·8	46·0	43·7	47·9	44·2	47·9	44·9	47·9	45·9	55·1	42·0
19	45·2	42·6	45·8	42·9	45·9	43·0	44·4	41·9	44·6	42·5	46·3	43·4	46·8	43·4	49·5	44·7	51·3	45·7	52·1	45·7	53·0	45·9	53·2	44·8	56·3	43·9
20	47·8	47·1	49·4	48·0	49·2	47·1	48·5	47·0	48·4	45·7	48·0	46·3	48·2	46·9	49·0	47·9	49·6	46·5	46·3	44·0	48·7	44·9	49·7	45·3	50·8	38·9
21	42·3	39·4	42·3	40·1	41·1	39·0	41·4	39·5	42·0	40·0	43·1	40·9	45·6	42·3	47·2	43·4	47·9	43·0	48·3	44·5	45·6	44·0	44·7	42·2	50·1	39·7
22	41·7	38·5	41·0	38·0	40·2	37·7	39·6	37·1	39·4	36·9	40·0	37·4	41·7	38·4	43·2	38·4	46·0	40·0	46·7	40·7	48·2	41·6	49·3	42·2	52·2	39·3
23	46·0	42·1	44·9	42·3	45·1	42·3	43·9	42·0	45·2	42·6	44·7	42·8	45·2	43·7	45·5	44·0	47·0	44·7	48·9	46·4	51·0	48·0	54·0	50·8	59·7	43·7
24	53·0	52·2	54·4	52·8	56·3	52·7	56·6	52·7	55·1	52·8	52·9	51·9	53·1	51·6	56·6	52·2	57·3	52·3	56·3	52·0	58·2	53·0	52·2	51·0	58·8	47·1
25	45·9	43·6	44·0	42·9	44·1	42·8	43·6	42·0	45·4	43·6	48·3	46·1	49·5	47·4	52·0	49·4	52·9	49·7	54·2	50·2	55·0	51·8	54·2	52·1	55·3	43·5
26	47·2	46·3	47·3	46·9	47·3	46·6	47·0	45·8	48·0	46·8	48·1	46·6	50·0	47·8	51·1	49·0	54·0	50·3	55·1	52·0	56·5	52·7	56·5	53·0	65·3	45·9
27	54·1	52·0	53·8	52·0	52·9	51·6	53·0	51·6	52·5	51·4	52·5	51·5	52·7	51·9	52·5	51·9	54·0	52·6	53·7	52·5	54·0	52·7	55·2	53·6	58·8	49·4
28	48·0	46·8	47·2	46·2	47·9	46·4	46·9	45·8	46·4	45·3	47·9	46·3	50·3	48·5	54·0	50·9	58·3	53·2	60·8	54·5	61·7	55·3	62·9	56·0	63·9	46·0
29	54·0	50·9	51·7	49·7	53·7	51·0	52·0	50·0	54·9	51·3	56·7	51·7	55·1	52·1	52·8	50·2	52·9	49·6	53·3	49·9	52·5	49·2	51·3	47·8	56·8	50·0
30	50·0	47·3	49·8	47·3	49·1	47·4	48·6	47·0	49·5	47·5	50·2	48·2	50·9	48·4	51·0	48·9	52·5	49·7	52·9	50·4	51·7	50·5	52·9	51·1	61·8	48·5
31	53·9	51·7	53·4	51·7	53·3	51·8	53·9	52·3	53·7	52·3	53·4	51·8	54·0	50·6	53·6	50·1	54·1	50·9	55·3	51·7	57·5	52·8	58·3	54·4	60·8	52·8
MEAN.	46·0	43·6	45·6	43·4	45·4	43·1	45·0	42·8	45·2	43·0	45·6	43·4	47·0	44·5	48·2	45·2	50·1	46·2	51·1	46·8	52·3	47·6	52·5	47·9	56·9	42·9

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	51·9	47·9	53·0	48·2	54·8	49·4	52·9	48·1	52·7	48·4	51·6	46·4	50·0	45·9	48·2	44·9	47·2	44·0	46·3	43·7	45·0	42·3	41·7	40·3	47·5	44·8
2	54·0	48·2	51·9	47·2	48·0	45·1	46·1	43·2	46·1	43·1	45·0	41·8	44·0	39·7	42·8	38·4	41·6	37·5	39·9	37·1	39·2	36·9	39·2	36·0	44·1	40·9
3	46·9	42·3	47·4	42·2	48·2	41·9	48·0	41·7	48·0	41·7	46·8	40·9	45·3	39·0	43·3	37·8	42·8	37·8	41·7	37·7	41·4	37·7	41·0	37·0	43·3	39·1
4	48·4	42·0	49·7	42·9	50·3	43·2	50·9	43·6	51·3	44·3	52·7	44·3	51·0	43·9	47·2	42·8	44·4	41·0	42·9	39·9	43·7	40·1	42·3	39·1	44·5	39·8
5	51·0	44·0	51·6	44·1	53·4	44·5	54·9	45·2	54·9	45·4	50·9	43·1	47·9	40·8	44·1	38·1	40·9	36·9	39·8	35·6	39·2	34·9	37·6	33·4	45·5	40·4
6	49·3	41·7	50·2	42·8	51·8	44·3	52·1	45·6	53·0	46·2	52·5	46·0	51·2	44·1	45·0	40·1	43·3	38·9	41·8	37·7	40·0	37·0	41·2	38·4	43·4	38·4
7	50·1	46·6	50·9	46·3	51·5	46·0	53·1	47·2	50·1	45·3	49·6	45·2	48·4	44·4	47·6	44·0	47·3	43·8	44·9	42·9	43·8	42·1	42·6	41·7	46·7	43·5
8	53·0	45·8	52·2	46·5	52·7	47·0	50·9	45·4	49·9	45·2	48·9	45·9	47·8	45·1	47·0	43·5	45·9	43·0	45·2	42·7	45·9	44·7	44·6	43·3	46·6	43·2
9	56·8	50·0	57·6	50·9	59·2	51·0	60·3	51·0	59·9	51·0	58·8	51·2	55·2	48·7	52·4	46·9	50·9	45·4	46·3	43·7	44·0	41·0	41·9	39·9	50·8	46·5
10	64·0	52·4	65·7	54·0	66·4	54·9	65·2	55·2	65·0	54·0	60·8	52·8	61·9	51·3	60·1	49·5	58·1	48·0	56·8	46·8	55·7	45·7	54·8	44·6	54·4	47·0
11	61·8	51·0	63·3	52·0	63·9	52·9	62·8	52·6	63·1	52·5	63·7	52·5	60·4	50·6	58·3	48·1	57·2	46·9	55·7	45·8	53·2	45·5	51·0	43·5	56·2	47·1
12	58·1	48·7	60·3	49·5	60·9	52·1	59·0	51·1	57·9	50·4	53·8	49·1	53·4	48·9	51·8	48·4	52·3	49·3	51·5	49·6	50·7	49·8	50·6	49·9	52·3	46·8
13	53·0	52·3	52·1	51·4	52·3	51·8	52·7	52·1	51·4	50·9	51·1	50·7	52·0	51·2	51·2	50·7	52·4	51·9	52·1	51·5	51·4	51·0	51·4	51·2	51·5	50·9
14	50·9	48·7	49·3	47·1	51·8	48·3	54·1	48·3	55·0	48·3	52·7	47·8	53·9	47·8	49·0	45·6	47·8	45·9	47·8	45·0	47·4	45·8	47·7	46·5	50·5	47·5
15	49·1	46·9	51·0	48·3	52·7	48·4	53·0	49·7	50·9	48·0	49·4	46·9	48·9	45·9	45·3	43·8	46·3	44·1	44·7	42·9	45·4	43·5	45·0	43·0	48·9	46·7
16	48·2	46·9	53·0	49·8	51·3	47·9	48·9	46·3	49·0	46·0	48·5	46·1	49·9	46·8	49·0	46·1	47·0	44·9	48·0	44·7	48·8	45·5	48·9	45·2	48·2	45·8
17	52·2	45·8	53·9	47·2	54·1	46·5	53·8	47·3	55·2	48·3	56·2	47·6	53·3	45·6	50·1	43·5	47·9	42·2	46·0	42·1	45·1	41·3	44·6	41·1	49·5	44·4
18	48·0	46·6	48·7	47·8	50·0	46·9	48·1	45·9	54·5	48·9	50·7	46·3	49·2	45·9	47·4	44·3	47·1	43·9	45·5	43·1	46·0	42·8	45·8	43·0	46·6	43·7
19	51·0	45·7	54·1	46·7	54·6	47·0	54·2	47·3	51·9	46·3	50·8	45·9	47·9	46·0	46·5	44·9	45·7	44·5	45·3	44·4	46·0	45·1	46·9	45·9	48·9	44·8
20	48·3	44·9	44·9	41·7	44·7	40·8	45·2	40·7	47·2	42·3	46·8	42·0	46·4	42·1	44·0	41·1	42·8	39·9	41·1	38·5	39·5	37·6	41·0	37·9	46·4	43·6
21	46·1	42·3	47·9	41·1	44·3	41·8	46·8	43·9	46·1	41·0	49·1	42·7	47·8	41·5	45·0	40·1	44·3	40·0	44·0	39·7	43·1	39·5	42·6	39·3	44·9	41·3
22	51·1	43·9	50·9	43·6	52·0	44·7	50·5	43·6	49·7	42·8	48·4	42·9	47·3	42·0	46·9	42·0	46·1	41·9	45·6	41·6	45·5	41·7	45·2	41·7	45·7	40·8
23	55·9	52·3	56·0	52·4	59·2	54·3	57·9	53·1	58·0	53·0	58·7	51·3	57·6	51·4	56·9	51·4	55·8	51·3	54·8	51·5	53·9	52·0	53·8	52·2	51·7	48·2
24	52·3	50·8	54·0	50·7	55·2	51·2	56·9	51·9	58·2	52·1	55·2	50·3	55·2	50·8	52·5	48·9	51·2	48·4	50·2	47·3	47·4	45·3	47·2	44·7	54·1	50·8
25	53·7	52·3	54·9	53·6	54·1	53·3	53·5	52·5	51·9	51·1	50·9	50·0	50·9	50·0	50·5	49·5	50·8	49·2	48·9	47·3	48·6	47·4	46·7	45·9	50·2	48·5
26	58·6	54·4	61·2	55·7	62·5	56·5	61·0	55·4	64·4	57·7	64·2	57·3	59·7	55·2	56·8	53·6	56·0	53·7	55·3	52·8	55·3	52·6	54·2	52·3	54·9	51·7
27	54·1	52·6	53·8	51·9	56·0	53·1	56·7	53·9	56·8	54·0	56·0	53·4	56·7	53·1	54·2	51·5	53·4	51·2	53·1	51·0	51·0	49·1	49·4	48·0	53·8	52·0
28	63·0	56·7	63·2	56·5	62·9	55·8	59·3	56·2	56·9	54·5	53·1	51·4	53·0	51·0	53·2	50·7	56·2	52·8	55·9	52·3	56·3	52·1	55·9	51·7	55·1	51·5
29	51·6	48·0	53·3	49·0	54·4	51·5	55·0	51·4	52·9	51·0	53·9	50·2	51·4	48·8	51·3	48·0	50·9	47·9	50·2	47·8	50·1	47·7	50·0	47·2	52·7	49·7
30	52·9	51·7	53·9	52·9	57·2	55·1	58·3	55·6	59·0	55·9	61·8	57·2	57·2	54·9	55·0	53·8	54·0	53·3	54·3	52·8	53·2	51·9	54·3	51·8	53·3	51·3
31	55·9	53·7	57·2	54·7	59·8	55·8	57·1	54·7	57·6	55·1	57·2	55·2	56·8	54·6	55·9	53·9	56·2	53·9	56·4	54·0	56·0	53·6	56·6	53·6	55·7	53·1
MEAN.	52·9	48·3	53·8	48·7	54·5	49·1	54·2	49·0	54·1	48·9	53·2	48·2	52·0	47·3	50·0	46·0	49·2	45·6	48·1	45·0	47·5	44·6	47·0	44·2	49·6	45·9

TEMPERATURE. DRY AND WET BULBS. JUNE 1892.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	40·3	40·3	40·2	40·2	40·0	40·0	39·9	39·9	37·6	37·6	35·7	35·7	34·8	34·8	34·9	34·9	34·7	34·7	35·2	35·2	36·3	36·3	36·3	36·3	40·3	31·0
2	30·1	30·1	29·3	29·3	29·5	29·5	29·7	29·7	30·1	30·1	31·0	31·0	31·3	31·3	32·3	32·3	32·0	32·0	32·0	32·0	32·0	32·0	33·0	32·8	37·0	29·3
3	29·4	29·4	29·5	29·5	29·1	29·1	28·9	28·9	28·3	28·3	28·7	28·7	28·9	28·9	28·2	28·2	27·9	27·9	29·7	29·7	30·3	30·3	30·4	30·4	32·8	27·9
4	30·8	30·8	30·7	30·7	30·1	30·1	30·2	30·2	30·2	30·2	31·0	31·0	31·8	31·8	32·0	32·0	32·0	32·0	32·0	32·0	32·2	32·6	32·8	32·8	34·9	30·1
5	33·8	33·8	33·8	33·8	33·8	33·8	33·8	33·8	34·0	34·0	34·2	34·2	34·2	34·2	35·1	35·1	37·0	37·0	37·0	37·0	37·7	37·6	38·7	38·0	39·8	33·8
6	38·4	37·2	38·1	36·3	36·0	35·8	37·4	35·2	39·1	34·0	37·3	34·2	40·7	35·0	41·0	36·2	39·8	38·3	40·8	38·9	38·8	38·5	40·4	39·0	46·8	36·0
7	43·7	43·7	43·5	43·5	42·8	42·8	41·3	41·3	41·7	41·7	41·3	41·3	47·2	47·0	47·8	47·1	46·5	46·5	46·3	46·3	47·1	47·1	47·1	47·1	**56·0**	41·3
8	48·1	46·9	47·2	46·6	47·5	45·6	46·2	45·9	46·0	46·0	46·1	46·1	47·3	47·3	48·2	48·2	49·0	48·0	50·5	48·4	51·0	48·3	51·3	49·2	52·3	46·0
9	47·4	46·2	46·9	45·5	46·6	46·2	46·9	46·2	46·9	46·2	47·2	47·1	47·7	47·6	48·0	48·0	48·7	48·2	49·0	48·0	50·0	48·4	50·3	49·6	52·3	45·7
10	44·9	43·7	45·0	40·9	44·5	42·6	44·2	41·8	44·1	42·8	44·9	43·2	46·2	43·2	47·0	43·5	42·4	42·4	41·0	41·0	40·1	40·1	38·2	38·2	47·0	30·3
11	30·9	30·9	29·8	29·8	29·1	29·1	29·4	29·4	29·0	29·0	28·9	28·9	28·8	28·8	29·3	29·3	29·5	29·5	29·9	29·9	30·1	30·1	31·1	31·1	31·9	28·7
12	28·4	28·4	27·1	27·1	26·0	26·0	25·9	25·9	26·2	26·2	28·0	28·0	28·8	28·8	29·0	29·0	26·9	26·9	26·1	26·1	25·9	25·9	27·6	27·6	29·2	25·9
13	25·5	25·5	25·3	25·3	24·7	24·7	24·1	24·1	24·2	24·2	24·1	24·1	24·2	24·2	26·0	26·0	27·3	27·4	28·2	28·2	29·1	28·6	30·3	29·8	33·7	24·1
14	23·7	23·0	23·2	22·1	22·9	22·0	23·1	22·2	23·6	23·0	24·7	23·7	25·9	25·0	28·3	25·0	29·9	27·0	31·6	30·2	31·9	30·8	32·4	31·6	33·1	**22·9**
15	31·0	31·0	30·9	30·9	30·8	30·8	30·9	30·9	31·0	31·0	31·2	31·2	31·8	31·8	32·1	32·1	33·1	33·0	34·2	34·0	34·9	34·9	37·0	37·0	39·0	30·8
16	34·3	34·3	33·2	33·2	31·0	31·0	30·2	30·9	28·3	28·3	27·2	27·2	26·8	26·8	27·2	27·2	27·4	27·4	28·2	28·2	29·0	28·9	29·8	29·4	34·3	24·8
17	24·8	24·8	25·0	25·0	25·9	25·9	25·9	25·9	26·1	26·1	27·3	27·3	27·8	27·8	28·4	28·4	29·4	29·4	29·3	29·3	30·0	30·0	30·0	30·0	31·6	24·8
18	29·0	29·0	28·8	28·8	29·0	29·0	29·4	29·4	29·3	29·3	29·5	29·5	29·9	29·9	30·3	30·3	31·0	31·0	31·3	31·3	32·0	32·0	32·3	32·3	33·3	28·8
19	29·3	29·3	30·0	30·0	30·4	30·4	30·9	30·9	31·1	31·1	31·7	31·7	31·8	31·8	32·0	32·0	33·0	32·3	33·1	33·1	34·0	34·1	35·2	35·2	35·2	29·3
20	34·0	34·0	33·8	33·8	33·3	33·3	33·2	33·2	33·2	33·2	32·2	32·2	32·3	32·3	32·1	32·1	32·6	32·1	32·5	32·2	33·9	32·9	34·8	33·9	36·9	32·1
21	33·0	32·0	32·2	31·2	32·8	31·4	33·8	32·0	34·1	32·6	34·9	33·0	35·0	33·0	37·2	35·1	37·0	35·4	36·7	35·2	39·1	37·1	39·8	37·8	42·7	32·2
22	36·2	35·8	35·2	34·0	34·9	33·9	35·1	34·7	34·8	34·0	35·7	35·7	35·6	35·6	35·4	35·4	36·0	36·0	36·0	36·0	36·9	36·9	38·0	38·0	40·1	34·8
23	36·1	35·3	35·8	35·2	36·0	35·0	36·3	35·7	37·7	35·7	37·8	36·7	38·2	36·8	40·2	37·8	39·9	38·0	41·1	38·3	39·0	38·1	40·6	37·3	43·4	35·8
24	36·7	36·4	36·0	36·0	36·0	36·0	35·8	35·8	35·0	35·0	35·0	35·0	35·0	35·0	36·0	36·0	35·2	34·5	37·0	35·7	40·0	37·9	39·9	38·9	43·1	35·0
25	36·0	36·0	35·0	35·0	34·0	34·0	33·6	33·6	33·8	33·8	34·2	34·2	34·0	34·0	34·3	34·3	35·0	35·0	35·9	35·9	36·0	36·0	36·3	36·3	40·7	33·6
26	39·4	39·4	39·4	39·4	39·0	39·0	38·2	38·2	38·0	38·0	37·9	37·9	38·0	38·0	39·1	39·1	39·0	39·0	39·4	39·4	41·9	41·9	43·2	43·2	47·0	37·9
27	39·0	39·0	38·7	38·7	37·8	37·8	36·9	36 9	36·8	36·8	36·2	36·2	36·1	36·1	36·0	36·0	36·1	36·1	36·4	36·4	36·8	36·8	37·2	37·2	39·0	33·4
28	33·1	33·1	33·1	33·1	33·7	33·7	33·0	33·0	33·0	33·0	33·0	33·0	33·0	33·0	32·0	32·0	32·9	32·9	33·9	33·9	35·4	35·1	36·0	35·3	40·0	32·0
29	37·0	35·2	35·9	35·2	36·0	36·0	35·6	35·6	35·8	35·8	36·7	36·6	38·0	36·0	39·2	36·0	40·2	37·2	40·8	37·9	43·3	40·3	42·2	40·1	43·3	33·2
30	33·7	33·7	34·3	34·3	34·8	34·8	34·8	34·8	36·0	36·0	34·8	34·8	35·0	35·0	35·7	35·7	36·0	36·0	36·2	36·2	36·7	36·7	36·7	36·7	38·2	33·3
MEAN.	34·6	34·3	34·2	33·8	33·9	33·6	33·8	33·5	33·8	33·4	33·9	33·6	34·5	34·0	35·1	34·5	35·2	34·8	35·7	35·2	36·4	35·9	37·0	36·4	39·8	32·2

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	36·0	36·0	36·1	36·1	36·8	36·8	36·9	36·9	36·2	36·2	35·0	35·0	34·9	34·9	34·9	34·9	32·8	32·8	32·1	32·1	31·3	31·6	31·0	31·2	35·8	35·8
2	35·8	35·0	36·0	36·0	37·0	37·0	37·0	37·0	34·2	34·2	33·1	33·1	32·1	32·1	31·9	31·9	30·8	30·8	30·5	30·5	30·2	30·2	29·9	29·9	32·1	32·1
3	31·0	31·2	31·7	31·9	32·0	32·0	32·0	32·0	32·0	32·2	32·3	32·3	32·0	32·0	32·8	32·0	31·2	31·2	31·2	31·2	31·2	31·2	31·1	31·1	30·4	30·4
4	33·1	33·1	33·5	33·5	33·6	33·6	33·8	33·8	33·9	33·9	34·9	34·9	33·9	33·9	33·0	33·0	32·8	32·8	33·0	33·0	33·7	33·7	32·8	32·8	32·4	32·4
5	37·0	37·0	38·2	38·0	38·6	38·1	38·8	38·2	39·8	39·0	39·8	39·1	39·6	39·5	39·2	38·0	39·2	38·0	38·2	38·0	38·0	37·4	38·2	37·5	37·0	36·7
6	44·0	38·9	43·0	41·3	44·3	44·1	45·9	45·9	46·8	46·8	45·0	45·0	44·5	44·5	44·0	44·0	44·9	44·9	44·8	44·8	44·6	44·6	44·1	44·1	41·8	40·3
7	49·6	47·4	56·0	50·0	53·3	50·6	54·7	49·8	52·3	50·4	53·0	49·8	52·6	49·6	52·0	49·0	50·9	50·3	50·7	50·5	50·0	49·0	48·9	48·9	48·3	47·1
8	52·3	49·9	51·8	50·1	52·2	50·0	52·0	49·0	51·5	49·0	51·0	48·0	49·2	48·2	48·1	48·0	48·3	48·3	48·1	47·8	48·0	47·0	47·9	46·6	49·1	47·8
9	51·0	50·2	52·3	49·6	52·0	48·9	52·4	48·7	51·7	47·1	50·6	47·1	50·0	47·2	48·8	46·9	47·8	46·0	46·9	45·6	46·0	45·0	45·7	44·3	48·8	47·2
10	37·4	37·7	36·5	36·5	36·0	36·0	34·3	34·3	34·2	34·2	33·9	33·9	32·8	32·8	31·9	31·9	30·7	30·7	30·8	31·0	30·9	30·9	30·3	30·3	38·4	37·6
11	31·9	31·9	31·7	31·7	31·1	31·1	30·5	30·5	30·0	29·6	30·6	30·1	31·9	31·8	30·6	30·3	30·0	30·0	29·4	29·4	29·0	29·0	28·7	28·7	30·0	30·0
12	28·8	28·8	29·1	29·1	29·2	29·2	28·5	28·5	29·0	29·0	28·0	28·0	27·6	27·6	27·6	27·6	26·5	26·5	26·1	26·1	26·1	26·1	26·1	26·1	27·4	27·4
13	31·8	30·8	31·4	30·2	33·7	32·1	33·0	32·0	31·1	30·8	31·3	31·3	29·9	29·9	29·3	29·3	27·8	27·6	26·0	26·0	25·0	25·0	24·3	24·1	27·8	27·6
14	32·1	32·1	33·1	32·2	32·9	32·4	32·3	32·3	32·2	32·2	32·0	32·0	32·0	32·0	31·3	31·3	31·0	30·9	31·0	31·0	31·0	31·0	31·0	31·0	29·3	28·6
15	37·9	37·9	38·0	38·0	38·9	38·9	37·7	37·7	37·6	37·6	38·7	38·7	39·0	39·0	38·0	38·0	37·8	37·8	37·0	37·0	36·2	36·2	36·0	36·0	35·1	35·1
16	30·0	29·4	29·8	29·2	30·3	29·9	29·3	28·3	29·0	28·8	28·8	28·8	27·0	26·5	26·3	25·9	25·4	25·6	25·2	25·2	24·8	24·8	25·0	25·0	28·5	28·3
17	29·9	29·9	31·6	31·6	30·9	30·9	31·3	31·3	31·6	31·6	31·2	31·2	31·0	30·9	31·1	31·1	31·0	31·0	30·8	30·8	30·1	30·1	28·8	28·8	29·1	29·1
18	32·7	32·5	33·0	32·7	33·3	33·0	32·3	32·3	32·1	32·1	31·4	31·4	31·6	31·6	31·0	31·0	30·3	30·3	29·3	29·0	29·2	29·0	29·3	29·3	30·7	30·7
19	35·0	35·0	35·0	35·0	34·7	34·7	34·3	34·3	34·3	34·3	34·2	34·2	34·4	34·4	34·8	34·8	34·9	34·9	35·1	35·1	35·3	35·3	34·7	34·7	33·3	33·3
20	35·0	34·1	35·2	34·5	36·3	35·4	36·2	35·2	36·0	35·3	36·9	36·0	36·1	34·1	35·7	34·6	34·8	34·1	34·3	34·1	33·7	33·2	33·8	33·7	34·2	33·7
21	40·0	38·0	42·7	39·6	42·3	39·0	42·0	39·3	41·0	39·2	40·4	38·4	40·0	38·4	39·0	36·4	38·0	36·5	37·7	36·8	37·2	36·8	37·2	36·2	37·6	35·8
22	38·7	38·7	37·8	37·8	38·5	38·5	39·8	39·0	40·1	39·1	40·1	39·7	40·0	39·8	39·0	38·2	37·5	36·9	37·2	36·9	36·2	35·0	36·1	35·8	37·1	36·7
23	43·4	37·9	42·3	40·4	39·6	39·2	38·7	38·6	39·1	39·0	39·3	39·0	40·9	39·9	39·0	38·2	38·5	38·3	38·2	38·2	37·8	37·8	37·5	37·5	38·9	37·7
24	40·7	35·6	43·1	38·7	40·8	38·9	42·0	38·7	41·4	37·0	40·9	35·5	40·6	35·4	39·0	34·1	38·9	34·9	36·9	35·2	36·6	36·6	36·2	36·2	38·1	36·2
25	37·6	37·6	38·0	38·0	38·5	38·5	38·8	38·8	39·0	39·0	39·7	39·7	40·0	40·0	40·7	40·7	40·3	40·3	40·2	40·2	39·9	39·9	39·5	39·5	37·1	37·1
26	43·9	43·9	44·5	44·5	45·1	45·1	46·0	46·0	46·8	46·8	47·0	47·0	46·5	46·5	45·6	45·6	44·5	44·5	43·2	43·2	41·3	41·3	33·8	38·8	41·9	41·9
27	37·4	37·4	38·0	38·0	38·0	38·0	37·8	37·8	37·4	37·4	37·0	37·0	36·1	36·1	35·5	35·5	34·8	34·8	33·9	33·9	33·4	33·4	33·8	33·8	36·5	36·5
28	37·3	36·4	38·6	37·3	39·0	38·0	38·9	37·9	40·0	39·0	39·0	38·1	38·6	38·0	37·8	36·5	37·2	36·0	37·4	35·3	37·4	35·0	37·1	35·0	35·8	35·2
29	42·0	40·0	42·1	40·2	42·0	39·0	41·0	39·5	38·9	37·3	39·2	35·9	38·2	35·6	35·8	35·0	35·0	34·8	34·6	34·3	33·5	33·2	33·2	32·9	38·2	36·6
30	37·0	37·0	37·9	37·9	38·2	38·2	37·5	37·5	38·2	38·2	37·9	37·9	37·0	37·0	35·8	35·8	34·0	34·0	33·8	33·8	33·5	33·5	33·3	33·3	35·8	35·8
MEAN.	37·7	36·7	38·3	37·3	38·3	37·6	38·2	37·4	37·9	37·2	37·7	36·9	37·3	36·6	36·6	36·0	35·9	35·5	35·5	35·2	35·0	34·8	34·7	34·4	35·9	35·4

TEMPERATURE. DRY AND WET BULBS. JUNE 1892.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	57·3	53·6	56·1	53·5	57·0	53·4	54·8	52·6	54·7	51·1	53·0	49·4	52·0	49·0	50·4	49·3	52·0	50·7	53·6	51·7	56·9	51·7	57·1	52·5	59·2	48·1
2	47·0	45·1	46·8	44·8	46·2	44·2	44·0	42·3	45·7	43·0	46·1	43·5	49·0	45·8	50·0	46·0	49·2	46·9	48·6	46·8	48·7	47·1	49·2	47·6	51·8	43·8
3	46·3	43·6	45·1	43·9	44·6	43·2	44·9	43·5	44·7	42·8	44·9	43·4	45·1	43·2	44·9	43·1	45·3	43·4	47·3	44·7	47·9	44·8	48·0	45·1	52·0	44·1
4	48·0	44·9	47·5	45·0	47·7	44·7	47·7	45·3	48·0	45·0	48·1	46·3	49·0	47·0	48·9	47·9	49·7	48·3	52·5	49·6	54·3	50·4	55·2	49·9	56·9	47·1
5	51·7	48·2	52·8	48·1	51·9	48·3	51·2	48·2	50·1	48·2	50·6	48·9	52·3	50·3	53·8	51·1	56·1	51·8	57·1	53·1	58·1	52·5	58·9	53·5	59·9	50·0
6	51·7	50·3	51·1	50·0	51·4	50·1	51·1	50·0	51·3	50·1	51·8	50·3	52·6	51·2	53·1	51·5	54·6	52·3	55·1	51·9	56·0	52·0	57·0	52·6	58·5	50·9
7	54·0	53·3	53·3	53·0	53·2	52·9	53·3	53·0	53·3	53·0	52·9	52·7	53·7	53·3	54·9	54·4	57·2	55·9	59·1	56·7	61·0	57·8	60·9	57·8	69·9	52·7
8	54·3	53·5	53·8	52·9	53·8	53·0	52·9	52·2	53·1	52·1	55·7	54·7	57·3	56·3	61·8	58·6	63·6	59·9	67·1	61·9	68·7	62·8	68·3	62·7	72·6	52·6
9	55·7	54·6	55·8	54·2	54·3	53·2	54·0	52·9	53·4	52·3	54·5	53·2	58·9	56·7	61·3	58·3	63·8	59·9	66·1	60·2	68·0	62·0	70·4	64·0	**75·5**	53·0
10	56·9	54·2	54·3	52·8	53·8	52·0	53·9	51·9	52·9	51·2	52·8	50·5	51·8	49·3	51·0	48·0	51·4	48·3	51·0	47·9	51·7	48·2	51·7	48·0	57·5	46·6
11	45·8	44·0	44·9	43·0	44·2	42·5	44·0	42·4	44·7	42·6	45·8	43·4	46·9	44·1	47·9	44·0	49·5	45·0	51·0	46·2	54·3	47·2	50·3	45·3	55·1	44·0
12	45·0	42·3	43·3	40·5	42·9	40·2	42·0	39·5	43·1	40·5	45·7	42·2	46·1	43·3	46·5	44·5	47·9	43·1	46·9	40·3	47·3	41·2	49·5	42·3	52·4	41·7
13	44·1	41·6	43·2	40·7	42·8	40·0	42·0	39·6	43·0	39·9	43·1	40·4	45·1	41·0	46·7	40·9	48·0	41·0	49·6	41·7	50·9	43·1	51·8	43·0	55·7	41·6
14	41·9	38·1	38·6	35·8	38·2	35·4	38·1	35·4	37·3	35·0	41·7	38·0	43·0	39·9	45·9	40·7	49·1	42·9	50·4	43·5	53·5	46·3	53·1	46·2	57·1	**37·2**
15	50·2	45·8	49·3	45·4	50·0	46·2	50·0	46·4	50·0	46·8	50·9	46·6	53·8	47·9	54·2	47·4	55·9	49·5	56·3	50·0	55·0	49·7	55·2	50·9	56·4	48·9
16	51·1	47·5	49·2	46·1	46·3	43·7	45·8	42·7	45·9	41·9	45·9	41·6	49·3	44·0	49·4	43·0	52·4	45·2	49·4	43·1	51·0	43·4	52·2	45·0	55·2	41·3
17	41·5	38·4	45·2	40·2	44·3	41·0	42·2	40·1	43·0	40·9	46·1	42·7	46·4	43·1	48·2	44·3	49·9	44·8	51·2	44·9	51·3	45·3	50·1	45·4	54·8	41·2
18	46·9	42·8	46·9	42·4	47·3	42·9	48·0	43·6	47·4	44·0	47·9	44·1	49·1	44·7	49·7	45·3	49·9	44·9	50·8	45·4	51·4	45·9	52·6	47·3	56·3	44·3
19	44·7	42·0	43·1	40·7	44·2	42·3	44·1	42·4	44·8	42·5	45·7	43·4	47·4	44·9	49·2	45·9	52·1	47·5	53·9	49·0	54·5	50·0	53·5	50·0	57·5	43·0
20	50·7	48·6	50·8	48·1	50·2	47·8	50·1	47·5	50·4	48·0	50·2	48·1	50·7	48·1	51·9	48·3	54·2	49·2	54·6	49·3	56·7	49·9	57·3	49·2	62·3	49·0
21	47·2	44·7	44·7	42·7	43·5	41·4	41·9	39·9	42·2	40·1	44·8	42·6	48·9	45·3	51·1	47·4	54·0	49·4	55·7	50·7	56·9	51·0	58·3	51·2	64·0	41·7
22	52·4	48·6	50·4	47·1	48·9	46·2	47·9	46·1	48·9	46·9	50·5	47·8	50·7	48·3	51·8	49·6	51·9	49·7	50·9	48·9	53·3	51·1	52·9	50·4	63·6	47·2
23	47·2	45·6	46·3	44·6	46·4	44·7	45·4	43·9	46·3	45·0	49·5	47·5	52·3	49·7	55·3	51·7	58·9	52·7	59·8	52·7	60·5	53·1	61·9	52·9	64·2	45·4
24	53·2	51·0	53·0	49·9	52·7	49·7	52·3	49·2	52·6	50·0	50·8	47·9	51·2	48·6	52·3	48·9	53·8	49·6	57·9	51·7	58·0	51·0	59·9	50·5	66·5	48·9
25	48·2	45·0	48·1	45·0	48·4	45·5	49·3	46·3	51·9	47·6	52·9	48·4	54·0	49·5	55·3	49·9	55·4	[49·9]	54·9	[50·0]	54·5	[52·0]	55·3	[50·3]	57·3	47·8
26	52·3	51·7	53·4	52·2	53·5	52·0	53·1	51·8	53·3	51·7	53·8	51·7	53·3	51·7	52·4	51·4	52·5	51·8	52·0	51·1	53·8	52·9	54·2	53·5	58·2	51·9
27	53·7	52·4	53·0	52·3	52·3	51·2	51·9	50·8	52·2	50·9	53·0	51·5	53·9	52·0	54·9	52·1	53·9	51·7	54·5	52·2	54·3	51·9	53·9	51·8	56·9	51·2
28	51·5	47·7	51·2	47·8	50·8	47·9	51·3	47·7	51·5	48·2	52·2	49·3	53·1	50·0	55·4	49·0	57·3	50·1	57·9	50·2	58·5	50·4	58·4	50·2	61·5	46·9
29	46·9	44·4	45·3	43·2	43·6	41·8	44·0	42·3	45·8	43·7	47·8	45·7	50·4	48·0	51·7	48·9	54·2	50·8	56·8	52·6	59·9	53·5	58·8	52·4	65·3	43·4
30	50·0	48·4	50·1	49·0	51·4	50·3	51·8	50·4	52·0	50·7	52·4	50·5	52·8	50·9	54·7	52·0	55·4	52·5	54·9	51·9	55·8	52·3	56·0	52·5	57·9	49·1
MEAN.	49·6	47·1	48·9	46·5	48·5	46·3	48·1	46·0	48·4	46·2	49·4	46·9	50·7	47·9	51·8	48·4	53·3	49·3	54·2	50·0	55·4	50·4	55·7	50·5	59·7	46·5

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	55·0	52·4	56·2	53·0	54·9	53·0	58·2	54·3	56·9	52·9	55·3	52·0	52·8	50·9	50·7	49·0	50·3	47·9	49·4	47·0	49·6	47·6	48·1	46·7	53·8	51·1
2	49·2	47·7	50·0	48·3	51·8	50·0	51·2	49·9	50·3	48·9	49·1	47·4	48·8	46·7	47·9	45·7	46·8	44·8	47·1	44·9	47·1	44·5	46·9	44·1	48·2	46·1
3	50·5	47·1	48·9	47·2	49·3	47·4	50·8	48·9	52·0	48·3	50·1	47·7	50·0	47·7	50·3	45·8	49·2	45·7	48·7	45·1	48·8	45·9	48·2	45·4	47·7	45·3
4	56·8	50·8	54·6	51·4	54·0	51·3	53·3	50·8	54·0	49·4	52·2	50·0	52·0	49·5	50·4	49·1	50·7	48·3	50·1	48·4	50·9	48·0	52·0	48·1	51·2	48·3
5	57·1	52·4	56·6	52·8	57·1	53·8	58·6	54·2	59·2	54·7	56·5	53·4	56·0	53·0	55·7	53·0	54·3	52·1	52·9	51·0	51·2	50·1	50·8	49·9	54·6	51·4
6	57·6	53·7	57·5	53·6	57·7	54·3	57·3	54·1	57·2	54·2	55·5	53·3	55·9	53·9	55·7	54·3	55·2	54·2	54·3	53·5	54·0	53·4	54·0	53·5	54·5	52·4
7	63·9	59·2	64·8	59·8	67·0	61·0	68·2	61·3	69·2	62·1	67·9	61·2	67·0	60·8	63·1	59·0	60·6	58·0	59·2	56·7	58·9	56·7	57·1	55·4	59·7	56·9
8	68·1	61·7	69·7	61·5	70·2	61·0	72·0	62·2	71·4	62·3	70·8	62·8	68·2	62·4	66·3	61·3	64·8	60·2	62·7	59·1	60·7	58·0	58·2	56·4	63·1	58·7
9	69·9	64·1	73·1	65·3	69·3	63·3	72·0	62·8	73·9	60·1	74·8	61·8	73·2	61·8	68·3	60·4	64·7	59·3	61·7	57·2	59·0	56·0	57·3	55·0	63·9	58·7
10	52·8	48·5	51·9	48·2	53·8	49·6	53·9	49·1	53·0	49·4	51·9	49·2	50·3	49·0	49·1	47·3	49·3	47·2	49·0	45·7	47·2	45·0	46·9	44·5	51·8	49·0
11	52·0	46·6	51·8	45·1	53·1	45·6	53·2	45·1	55·1	46·8	53·9	46·4	52·5	45·9	49·4	45·0	47·2	44·0	46·9	43·4	45·0	43·0	45·3	42·8	48·9	44·6
12	49·0	42·9	49·6	45·5	52·4	46·8	47·5	43·9	50·0	45·2	46·4	43·3	49·7	45·0	46·6	43·0	45·3	42·7	44·4	41·1	43·2	40·3	44·4	41·3	46·4	42·5
13	53·3	44·8	53·9	45·2	55·3	46·8	54·1	45·4	54·0	46·1	52·9	45·8	51·0	44·9	50·9	44·5	48·2	43·2	46·0	40·5	43·5	39·1	41·6	37·9	48·1	42·4
14	54·8	48·0	54·0	47·4	53·7	47·4	54·3	47·0	56·6	48·5	54·0	47·2	52·7	47·0	52·4	47·1	52·1	46·7	51·6	46·5	51·1	46·8	50·1	46·6	48·7	43·5
15	54·3	51·0	54·0	51·8	54·1	52·4	53·7	51·8	53·1	51·4	52·6	51·4	52·4	51·2	52·7	51·7	52·9	51·1	53·0	50·0	53·1	49·4	52·1	48·2	52·9	49·3
16	52·6	44·3	52·7	44·2	54·2	45·2	54·3	44·4	52·7	43·6	52·4	44·2	53·3	45·1	47·8	40·8	47·1	41·0	45·3	40·6	44·4	40·4	44·8	40·3	49·6	43·4
17	53·0	47·4	52·2	47·3	51·2	46·7	53·9	47·4	53·2	47·4	50·3	45·9	50·0	46·0	48·9	46·1	47·1	45·1	47·2	44·8	46·5	44·2	47·3	43·5	48·3	44·3
18	54·2	48·4	54·9	49·6	55·3	49·0	50·3	47·3	49·8	47·5	51·1	48·0	50·9	47·7	50·0	46·9	48·9	46·0	46·9	44·6	46·3	44·0	44·3	42·2	49·6	45·6
19	54·2	50·9	55·1	50·7	55·7	51·1	53·9	50·2	55·0	50·7	53·6	50·4	54·1	50·5	53·8	50·4	52·5	50·5	52·0	50·1	50·9	49·2	50·9	49·2	50·6	47·7
20	58·0	50·4	59·0	50·9	61·1	51·0	59·4	49·7	60·7	51·0	60·0	50·8	61·0	51·2	56·0	49·4	52·9	48·3	51·2	47·4	50·2	47·3	49·0	46·2	54·4	49·0
21	60·6	52·2	61·8	54·1	60·9	53·4	62·9	54·6	61·7	53·6	61·7	53·3	61·8	53·2	56·7	50·2	55·2	49·7	54·9	49·7	54·0	50·0	54·1	49·0	54·0	48·7
22	54·1	51·5	55·3	52·1	59·1	54·7	60·0	54·9	62·7	56·1	63·1	55·1	59·0	53·1	57·1	52·3	53·7	49·7	53·3	49·0	48·8	47·3	47·2	45·7	53·5	50·1
23	64·2	54·5	63·0	54·0	59·0	54·9	58·9	54·3	61·2	54·7	60·0	54·1	60·0	54·9	57·9	53·6	57·3	51·8	54·6	50·9	54·0	51·7	53·7	51·6	55·6	51·0
24	58·8	51·9	58·9	52·9	61·5	54·5	64·1	53·2	65·6	[54·0]	65·3	[53·0]	65·2	[53·0]	57·4	49·6	53·0	47·3	51·1	46·2	49·3	45·5	49·0	45·3	56·1	50·2
25	55·9	52·0	54·9	52·4	56·5	53·0	55·0	52·9	54·0	52·9	54·4	53·1	55·0	53·5	54·0	53·1	53·9	53·0	53·1	52·5	53·0	52·1	52·7	51·8	53·4	50·5
26	56·5	55·3	56·8	55·9	57·1	56·4	57·7	57·2	57·2	56·8	57·5	57·1	55·9	55·9	55·3	55·0	55·8	55·2	55·0	54·1	54·6	53·7	54·2	53·0	54·6	53·7
27	55·2	52·9	53·7	52·1	53·9	52·3	54·3	52·1	54·2	51·7	54·3	51·2	54·1	50·4	52·9	49·6	52·9	48·8	51·9	47·8	51·3	47·9	51·7	47·9	53·4	51·1
28	59·9	52·2	59·0	52·9	59·1	54·0	60·0	53·3	59·0	52·6	61·1	53·9	59·1	52·9	55·6	50·3	53·3	49·0	50·7	47·3	50·0	46·7	46·9	44·7	55·1	49·9
29	60·3	54·7	61·1	55·9	61·9	55·6	64·2	54·1	64·4	52·8	61·9	51·1	60·7	51·0	57·0	50·5	53·4	49·0	50·9	47·8	50·3	48·1	49·4	47·2	54·2	49·4
30	55·3	52·7	55·8	53·3	53·9	52·8	55·2	53·7	55·2	54·0	55·4	54·1	57·1	54·9	53·7	50·7	52·3	49·0	51·3	47·5	50·9	48·2	51·2	49·4	53·5	51·3
MEAN.	56·6	51·4	56·7	51·8	57·1	52·3	57·4	52·0	57·8	52·0	56·7	51·6	56·3	51·4	54·1	50·2	52·7	49·3	51·5	48·3	50·6	48·0	50·0	47·4	53·0	49·2

TEMPERATURE. DRY AND WET BULBS. JULY 1892.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	33·0	33·0	33·3	33·3	33·2	33·2	33·8	33·8	33·8	33·8	33·6	33·6	34·0	34·0	33·1	33·1	34·0	34·0	32·3	32·3	33·0	33·0	32·7	32·7	35·4	31·8
2	33·0	32·8	33·5	33·2	33·0	32·1	36·2	36·2	37·0	37·0	37·9	37·9	38·4	38·4	38·3	38·3	39·0	39·0	39·8	39·8	40·6	40·6	41·4	41·4	45·8	33·0
3	44·8	44·8	44·1	44·1	44·0	44·0	44·0	44·0	44·1	44·1	44·0	44·0	44·1	44·1	44·4	44·4	44·6	44·6	44·0	44·0	43·3	43·3	43·0	43·0	44·8	41·3
4	41·0	41·0	39·0	39·0	37·9	37·9	36·2	36·2	35·5	35·5	33·8	33·8	33·4	33·4	32·8	32·8	33·0	33·0	33·5	33·5	34·0	34·0	34·4	34·4	41·0	32·8
5	40·0	40·0	40·0	40·0	40·9	40·9	41·3	41·3	41·3	41·3	39·2	39·2	39·0	39·0	39·0	39·0	38·9	38·9	38·2	38·2	36·5	36·5	35·0	35·0	41·3	32·7
6	33·0	33·0	33·0	33·0	32·6	32·6	32·0	32·0	32·1	32·1	31·9	31·9	33·2	33·2	33·7	33·7	33·3	33·3	34·2	34·2	34·1	34·1	33·3	33·3	41·0	31·9
7	38·0	38·0	37·6	37·6	37·3	37·3	38·3	38·3	37·2	37·2	37·9	37·9	37·0	37·0	37·0	37·0	36·4	36·4	36·2	36·2	34·6	34·6	33·2	33·2	38·3	32·6
8	33·0	33·0	33·2	33·2	32·8	32·8	32·2	32·2	31·7	31·7	32·0	32·0	32·0	32·0	32·0	32·0	33·1	33·1	32·9	32·9	33·0	33·0	34·0	34·0	35·1	31·7
9	35·3	35·3	35·0	35·0	34·9	34·9	35·1	35·1	34·9	34·9	34·8	34·8	34·7	34·7	35·2	35·2	34·8	34·8	36·0	36·0	36·8	36·8	37·2	37·2	37·5	34·3
10	34·7	34·3	34·0	34·0	34·0	33·8	33·8	33·6	33·9	33·2	35·1	33·9	37·0	35·9	36·8	36·2	38·9	38·7	39·0	38·1	39·7	38·4	41·3	40·0	45·6	33·8
11	39·9	39·9	39·5	39·5	39·1	39·1	38·7	38·7	38·5	38·5	37·9	37·9	38·9	38·3	39·2	38·8	41·0	40·3	42·0	41·0	42·3	41·2	45·0	42·2	46·8	37·1
12	37·1	35·8	36·0	35·0	37·6	35·2	35·8	35·2	34·1	34·1	34·1	34·1	35·1	35·1	38·0	35·1	43·0	36·2	42·2	37·5	44·9	38·9	45·9	42·5	47·9	34·1
13	41·9	33·9	40·9	33·9	42·3	34·1	41·6	39·6	43·9	41·5	40·8	35·7	42·0	35·6	43·2	37·3	43·9	38·9	41·0	38·8	46·2	41·0	51·2	43·3	51·2	40·8
14	44·0	41·8	43·2	42·0	42·2	41·9	41·8	39·9	41·7	39·9	41·2	39·6	40·4	39·1	41·5	39·2	38·3	38·2	38·1	38·0	39·3	39·0	42·7	41·1	44·0	38·0
15	37·3	37·0	37·2	37·0	37·1	36·6	37·0	36·8	37·0	36·8	36·9	36·7	37·6	37·0	37·7	36·7	38·6	37·7	38·2	37·4	40·1	38·4	40·9	38·4	40·9	34·7
16	35·5	34·1	34·4	33·6	33·1	32·8	31·5	30·9	31·5	30·1	31·8	30·3	32·1	30·6	32·4	31·5	33·2	33·2	34·9	33·8	36·0	35·0	34·8	34·6	36·1	31·5
17	31·7	31·7	31·0	31·0	30·0	30·0	29·9	29·9	29·8	29·8	29·9	29·9	30·4	30·4	31·0	31·0	32·2	32·0	32·9	32·9	34·0	33·2	35·8	34·8	41·6	29·8
18	35·0	35·0	34·8	34·3	34·2	34·1	33·1	33·1	32·3	32·3	32·5	32·5	32·7	32·7	32·7	32·7	32·5	32·5	34·0	33·9	34·4	33·9	36·3	35·1	37·8	32·3
19	38·0	38·0	38·3	38·3	37·4	37·4	37·9	37·9	38·0	38·0	38·7	38·7	38·0	38·0	38·0	38·0	37·5	37·5	37·4	37·4	36·0	36·0	36·2	36·2	38·7	32·3
20	32·9	32·9	33·0	33·0	33·1	33·1	33·1	33·1	33·0	33·0	35·1	35·1	33·5	33·5	34·0	34·0	35·1	35·1	35·6	35·6	37·9	37·9	39·6	39·8	44·0	32·9
21	38·7	30·5	39·5	30·0	41·2	34·0	40·7	34·2	41·2	34·5	40·4	34·3	41·1	34·5	41·9	35·7	41·7	40·9	42·4	42·2	43·8	43·7	44·3	44·0	44·8	38·7
22	40·0	40·0	38·3	38·3	36·2	36·2	35·8	35·8	37·5	37·5	37·9	38·0	37·0	37·0	36·4	36·4	37·2	37·2	37·3	37·3	39·3	39·3	40·9	40·9	41·2	35·8
23	37·9	37·9	38·1	38·2	38·0	38·0	38·3	34·3	38·8	34·2	38·0	34·8	40·8	35·5	40·3	35·9	41·5	36·9	40·9	35·9	43·6	36·5	44·5	39·7	49·3	37·9
24	42·0	41·9	42·3	41·7	42·6	42·0	42·4	41·8	42·3	41·0	42·2	41·5	42·7	42·7	43·0	43·0	43·1	43·0	45·9	43·9	47·5	42·2	48·6	45·2	50·4	42·0
25	44·1	36·2	43·3	35·0	43·0	35·7	42·3	34·8	43·0	34·0	44·2	36·8	47·9	37·0	49·7	37·2	52·0	39·6	52·0	39·5	52·8	46·9	49·5	46·1	52·8	42·3
26	45·0	45·0	44·4	44·4	43·6	43·6	43·1	42·8	42·9	42·3	43·6	43·2	43·7	43·7	44·7	44·7	46·0	45·1	47·0	45·7	48·3	46·5	49·7	47·1	52·6	42·9
27	44·9	44·3	44·1	44·1	44·0	44·0	44·5	44·2	44·2	44·2	44·1	44·1	44·3	44·3	44·5	44·5	44·7	44·7	44·6	44·7	44·9	44·9	45·5	45·0	50·1	44·0
28	43·8	43·3	43·9	43·0	44·0	42·9	43·9	42·6	45·2	42·5	46·0	41·7	46·2	41·9	50·6	40·5	51·6	42·6	54·0	41·9	51·4	43·5	51·8	46·4	57·0	43·8
29	47·4	41·9	47·1	41·6	47·0	41·7	47·0	41·2	47·8	42·0	50·0	42·7	52·7	45·6	52·8	47·0	52·6	48·9	55·8	49·5	55·3	50·4	56·3	51·6	59·1	47·0
30	49·6	49·1	48·7	48·7	48·6	48·4	48·6	48·6	47·7	41·2	49·0	37·8	49·3	38·5	49·9	40·3	51·1	42·4	50·8	40·1	51·3	36·5	52·7	41·0	52·7	46·0
31	46·9	47·0	47·0	47·0	46·7	46·7	44·8	44·8	42·9	42·9	43·1	43·1	44·2	44·2	45·0	45·0	44·9	44·9	45·2	45·2	46·2	46·2	46·8	46·9	47·0	42·9
MEAN.	39·3	38·1	39·0	37·8	38·8	37·6	38·5	37·5	38·5	37·1	38·6	37·0	39·1	37·3	39·6	37·6	40·2	38·5	40·6	38·6	41·3	39·2	42·1	40·2	44·9	36·9

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	34·2	34·2	34·1	34·1	34·6	34·6	35·4	35·4	34·7	34·7	33·6	33·6	34·1	34·1	34·0	34·0	34·0	34·0	33·7	33·7	33·0	33·0	31·8	31·2	33·6	33·6
2	42·8	42·8	43·1	43·1	42·8	42·8	43·0	43·0	43·1	43·1	43·9	43·9	44·7	44·7	45·8	45·8	45·0	45·0	45·2	45·2	45·6	45·6	45·0	45·0	40·8	40·7
3	43·2	43·2	44·4	44·4	44·3	44·3	44·0	44·0	44·2	44·2	42·9	42·9	44·0	44·0	43·3	43·3	43·1	43·1	42·4	42·4	41·8	41·8	41·3	41·3	43·6	43·6
4	35·0	34·8	36·0	35·3	35·9	35·2	35·8	35·1	35·6	35·0	34·9	34·0	34·0	33·9	34·2	34·2	34·8	34·8	36·0	36·0	37·5	37·5	39·0	39·0	35·6	35·4
5	35·0	35·0	35·2	35·2	35·0	35·0	33·7	33·7	33·9	33·9	34·0	34·0	33·1	33·1	33·8	33·8	33·5	33·5	33·1	33·1	33·1	33·1	32·7	32·7	36·5	36·5
6	35·1	35·1	36·9	36·9	38·0	38·0	40·2	40·2	41·0	41·0	40·2	40·2	39·3	39·3	38·0	38·0	38·0	38·0	38·0	38·0	37·2	37·2	37·9	37·9	35·7	35·7
7	33·2	33·2	33·7	33·7	33·7	33·7	34·1	34·1	33·6	33·6	33·6	33·6	33·4	33·4	33·2	33·2	33·3	33·3	32·6	32·6	34·0	34·0	34·0	34·0	35·1	35·1
8	34·1	34·1	34·7	34·7	34·8	34·8	33·0	33·0	34·1	34·1	34·8	34·8	34·8	34·8	34·7	34·7	35·0	35·0	35·1	35·1	35·1	35·1	35·0	35·0	33·6	33·6
9	37·5	37·5	36·7	36·7	36·6	36·6	37·2	37·1	36·8	36·7	36·7	36·7	36·6	36·6	36·0	36·0	35·9	35·9	34·9	34·9	34·8	34·8	34·3	34·3	35·8	35·8
10	42·3	40·4	44·6	42·3	44·4	42·0	45·6	43·8	44·4	42·2	43·8	41·7	43·0	41·7	42·3	41·0	41·5	40·1	40·6	39·7	40·0	40·0	40·0	40·0	39·6	38·6
11	45·9	42·3	45·7	41·9	46·6	42·9	46·8	43·3	44·6	43·9	43·1	41·8	42·0	40·8	41·0	39·9	39·1	38·3	38·0	37·5	37·1	36·5	37·2	36·1	41·2	40·0
12	47·9	40·1	47·6	43·3	47·1	42·1	46·8	42·2	45·2	41·7	41·8	39·5	40·0	38·3	37·9	36·5	40·8	34·5	40·2	33·9	40·1	33·8	40·4	33·5	40·8	37·3
13	50·1	43·6	51·2	44·2	50·1	43·3	48·4	43·3	48·2	44·0	47·5	44·3	48·8	44·6	47·9	43·0	46·5	43·8	45·4	42·2	44·2	42·8	44·0	42·7	45·5	40·6
14	42·1	40·6	42·4	41·0	43·6	43·6	43·3	41·2	43·0	40·9	42·8	40·8	41·3	40·0	40·3	39·0	39·7	38·3	39·5	37·9	38·2	37·9	38·0	37·4	41·2	39·9
15	40·3	39·1	40·1	38·9	39·6	37·3	39·9	38·2	38·5	37·3	37·9	36·9	37·3	36·7	36·9	36·1	36·7	36·0	36·1	35·8	34·7	34·0	35·3	34·7	37·9	37·0
16	35·3	35·3	36·1	36·1	35·2	35·2	35·1	35·1	34·7	34·7	34·3	34·3	34·1	34·0	33·7	33·6	33·2	33·0	33·3	33·3	32·2	32·2	32·0	32·0	33·8	33·3
17	36·8	35·0	36·7	34·1	38·8	37·1	41·6	38·4	41·3	38·4	41·1	38·8	40·1	38·9	37·6	37·3	36·9	36·6	36·1	35·0	35·9	35·4	35·6	35·0	34·9	34·0
18	37·2	35·3	37·8	37·6	36·7	36·1	36·0	36·0	35·8	35·8	35·8	35·8	36·5	36·5	37·0	37·0	37·4	37·4	37·6	37·6	37·0	37·0	37·3	37·3	35·3	35·1
19	35·8	35·8	35·2	35·2	35·0	35·0	35·5	35·5	36·1	36·1	35·5	35·5	34·2	34·2	32·3	32·3	33·5	33·5	33·3	33·3	32·5	32·5	32·6	32·6	36·0	36·0
20	40·8	38·8	41·3	39·2	41·8	40·5	42·8	41·4	44·0	41·9	41·6	41·3	40·7	39·3	40·5	39·4	40·1	38·8	39·2	38·0	39·1	34·8	39·0	31·0	37·8	36·7
21	44·3	44·1	44·0	44·0	44·7	44·7	44·8	44·8	44·2	44·2	43·9	43·9	44·0	44·1	43·9	43·9	43·1	43·1	42·4	42·4	42·0	42·0	41·0	41·0	42·5	40·0
22	40·9	40·9	41·2	41·2	40·7	40·7	39·7	39·7	39·5	39·5	38·6	38·6	38·2	38·2	37·2	37·2	39·9	39·9	37·1	37·1	37·2	37·2	37·3	37·3	38·4	38·4
23	48·0	41·7	47·4	43·5	49·1	48·6	48·4	45·6	49·3	46·3	48·7	45·7	47·8	44·9	45·9	43·4	45·0	43·1	44·3	43·0	44·0	42·6	43·0	41·9	43·4	40·3
24	48·8	45·9	49·7	44·7	49·8	45·0	50·4	44·4	49·6	44·4	49·3	42·2	47·9	38·9	46·6	40·7	46·0	36·0	45·3	36·2	45·0	36·2	44·2	36·0	45·7	41·7
25	50·9	47·3	51·0	47·2	51·2	47·1	49·8	47·0	49·5	46·5	50·2	47·1	49·8	47·2	48·0	46·0	46·8	45·1	46·1	45·2	46·0	45·9	45·8	45·8	47·9	42·3
26	51·8	48·0	51·8	47·9	52·6	48·5	51·6	48·1	51·8	48·5	50·5	47·8	49·1	47·1	47·3	46·9	47·0	46·2	46·9	46·1	46·1	46·0	45·7	44·9	47·3	45·8
27	46·2	45·8	47·4	46·3	50·1	47·9	49·9	48·0	49·8	48·3	49·1	48·1	48·3	47·9	47·1	46·5	46·4	45·8	45·9	45·0	45·0	43·2	44·0	43·0	46·0	45·4
28	53·9	47·9	55·8	48·0	57·0	49·0	55·8	48·1	56·0	48·8	54·7	48·5	52·9	48·0	50·7	47·2	49·1	46·3	48·1	45·7	48·2	43·6	47·2	42·9	50·1	44·9
29	56·0	51·4	59·1	53·1	55·9	52·2	56·0	51·8	55·1	51·4	55·5	51·2	53·7	50·8	53·0	50·0	52·0	49·1	50·9	49·0	50·9	49·0	50·0	49·1	52·5	48·0
30	52·0	49·1	49·9	48·9	49·3	48·5	47·4	47·4	47·2	47·2	46·0	46·0	46·1	46·1	47·0	47·0	47·6	47·6	47·2	47·2	47·9	47·9	47·3	47·3	48·8	45·1
31	47·0	47·0	46·8	46·8	46·7	46·7	46·5	46·5	46·1	46·1	45·6	45·6	44·0	44·0	46·1	46·1	43·7	43·7	43·1	43·2	43·8	43·8	44·2	44·2	45·3	45·3
MEAN.	42·7	40·8	43·1	41·3	43·3	41·6	43·2	41·5	42·9	41·4	42·3	40·9	41·7	40·5	41·1	40·1	40·8	39·6	40·2	39·2	39·9	38·9	39·7	38·6	40·7	39·2

TEMPERATURE. DRY AND WET BULBS. JULY 1892.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	51·1	49·4	50·9	49·5	50·8	48·9	50·9	49·1	51·6	50·1	52·9	50·0	52·8	50·0	53·8	49·9	54·9	50·9	54·3	48·4	55·5	49·7	55·0	48·9	60·9	48·9
2	50·0	48·1	48·9	47·4	48·3	47·1	48·5	47·3	48·1	46·8	49·4	47·9	51·8	48·5	52·2	49·4	52·7	50·2	53·9	51·9	55·2	53·4	55·0	53·5	58·2	47·6
3	56·0	55·7	55·1	54·9	55·4	55·1	55·2	55·0	55·3	55·1	55·5	55·2	55·7	55·4	56·0	55·7	57·0	56·3	56·3	55·5	56·8	55·7	56·9	55·9	58·7	53·7
4	52·8	51·6	52·8	50·7	51·3	50·1	51·7	49·1	51·3	48·4	51·8	47·7	52·4	48·1	53·3	47·9	54·2	48·4	56·9	49·5	56·8	50·0	57·7	49·5	61·1	50·8
5	53·2	51·9	53·0	52·3	53·7	52·8	56·9	54·2	56·4	54·8	56·9	53·1	55·6	52·7	55·2	53·3	54·0	52·3	53·1	51·7	53·2	50·4	53·2	49·9	57·4	49·9
6	50·0	46·9	51·0	47·5	49·7	46·7	50·0	46·7	50·3	47·0	51·0	47·2	53·7	48·5	54·8	50·3	52·1	50·6	53·8	50·5	54·6	50·3	55·7	49·9	58·1	49·3
7	52·5	51·4	52·5	51·4	53·1	51·2	52·9	51·7	53·4	51·0	52·3	51·3	52·8	50·7	52·6	51·1	53·3	50·9	52·3	50·6	52·1	49·2	53·9	48·3	58·3	49·4
8	50·2	47·8	50·1	47·9	50·2	47·6	49·9	47·2	49·3	46·5	48·6	46·3	49·6	47·8	50·0	47·9	52·1	49·3	51·7	48·6	52·9	49·7	53·5	50·3	54·7	48·6
9	51·1	49·4	51·5	49·1	51·2	49·2	51·3	49·4	51·6	49·5	51·8	49·7	52·7	50·1	53·9	51·3	55·3	51·9	56·0	51·9	56·0	53·4	55·3	52·7	58·3	48·2
10	45·8	44·9	45·6	44·6	44·8	43·7	44·0	43·0	44·6	43·5	47·9	45·9	50·8	47·7	52·1	49·4	55·0	51·3	56·6	52·3	58·4	53·5	59·4	53·7	66·9	**43·9**
11	50·3	48·7	49·9	48·5	49·9	48·5	49·5	48·2	49·5	48·4	52·9	50·7	55·2	52·7	58·9	54·1	62·1	54·6	65·4	55·8	63·9	54·7	66·1	56·0	69·9	49·1
12	56·7	49·8	54·3	48·4	53·0	48·1	51·0	47·3	51·9	48·4	55·3	49·4	55·9	50·1	57·5	50·4	59·6	52·3	58·0	52·0	58·2	52·3	58·6	52·7	62·2	49·1
13	48·9	47·0	48·2	45·6	48·8	45·9	48·3	45·3	48·9	46·2	50·7	47·7	51·7	48·5	52·0	48·4	52·5	48·6	54·9	49·7	55·6	50·1	56·1	50·9	59·0	47·3
14	49·4	47·1	49·2	46·8	49·0	45·9	48·9	45·3	48·8	45·6	48·8	45·7	49·5	46·0	50·0	46·2	51·5	47·2	53·0	48·4	55·0	49·9	56·0	50·1	62·8	48·3
15	48·5	45·3	47·3	44·9	46·3	44·2	46·6	44·4	47·3	44·8	49·1	46·7	50·8	47·6	52·1	48·0	53·4	48·4	55·1	49·7	55·5	49·6	56·6	50·1	61·2	45·7
16	48·9	45·8	48·4	44·6	48·3	44·9	46·4	43·4	45·3	42·5	48·1	44·6	50·9	46·0	52·4	47·3	53·9	48·1	55·3	49·0	55·3	49·2	54·5	48·4	57·1	44·9
17	49·6	46·8	48·9	46·0	49·3	45·5	48·2	45·0	49·0	45·7	49·8	46·4	50·6	46·9	51·7	46·0	53·0	46·7	53·9	47·3	55·2	48·4	56·2	48·9	64·2	47·7
18	49·7	46·8	49·0	46·0	48·2	45·8	49·5	46·2	49·1	45·9	49·9	46·3	51·0	47·0	52·1	47·9	53·2	48·4	54·5	48·5	56·1	48·5	58·0	49·8	59·0	48·0
19	51·9	51·4	52·2	51·8	52·4	52·0	52·8	52·1	53·2	52·8	52·9	52·2	52·9	51·8	53·5	52·4	54·4	51·8	54·8	51·6	55·8	50·2	56·2	50·0	56·3	48·8
20	50·2	46·9	50·7	46·9	51·1	47·2	50·5	47·5	50·4	47·7	51·1	47·6	51·4	48·0	52·9	48·5	53·6	49·0	54·1	49·8	55·7	50·9	56·3	50·9	65·0	50·2
21	48·7	46·2	48·9	46·4	48·9	46·7	49·1	47·0	48·3	46·8	48·1	46·7	50·4	48·4	53·2	50·7	54·7	51·3	54·3	51·0	55·4	52·7	56·1	53·0	56·8	47·3
22	55·0	53·1	54·0	52·0	52·8	51·1	53·1	51·2	53·7	52·1	53·5	52·2	54·2	53·2	56·4	53·3	57·1	53·8	57·0	53·0	57·3	53·2	58·8	55·1	59·4	52·4
23	53·8	51·2	53·2	51·5	52·9	51·8	52·2	51·5	53·2	51·9	53·9	49·5	55·9	52·5	58·0	53·0	58·1	52·6	59·7	53·8	59·2	53·8	59·9	54·5	69·9	52·2
24	51·3	49·9	50·3	49·1	47·0	46·0	47·9	46·9	47·9	46·9	48·0	47·4	49·2	48·5	52·1	50·9	54·6	52·9	55·1	53·1	56·8	54·3	58·2	55·1	67·0	46·7
25	49·4	48·1	48·8	47·6	50·2	49·1	50·9	49·7	51·2	49·9	52·9	50·9	54·1	51·9	56·6	53·5	59·6	54·7	60·7	55·9	62·6	56·3	63·0	55·7	71·0	48·2
26	55·2	53·0	55·6	53·0	55·8	53·2	55·7	53·0	55·8	52·9	56·6	53·3	57·7	54·4	60·6	55·7	63·0	57·5	64·3	58·1	65·4	59·0	66·5	60·0	**72·8**	55·0
27	56·0	53·0	56·1	53·1	55·8	53·2	55·0	53·1	55·1	53·0	55·2	53·2	56·8	54·1	57·7	54·8	59·4	55·9	61·0	56·7	61·6	56·8	61·4	56·1	68·0	54·3
28	53·9	51·9	53·1	51·3	52·1	50·9	52·3	50·7	52·0	50·6	52·6	51·0	53·8	52·0	56·1	53·3	59·3	55·3	59·7	55·5	62·0	57·4	63·3	57·8	69·4	51·0
29	52·7	51·3	52·1	50·9	51·3	50·2	50·9	49·9	51·9	50·9	52·9	51·9	53·6	52·1	54·4	52·7	56·0	54·0	59·9	56·8	60·3	57·7	63·9	59·8	70·1	50·6
30	55·1	54·5	54·8	54·2	54·8	54·0	54·0	53·3	54·2	53·5	53·7	53·0	53·9	53·0	54·7	53·4	55·3	53·9	55·2	53·7	56·0	54·2	58·3	55·8	60·7	53·3
31	57·4	56·8	57·2	56·3	57·4	56·3	56·8	55·9	57·0	56·0	57·7	56·0	58·4	56·6	59·0	56·8	60·3	57·4	61·0	57·7	62·5	58·6	63·8	59·1	66·0	56·0
MEAN.	51·8	49.7	51·4	49·4	51·1	49·1	51·0	49·0	51·1	49·2	52·0	49·6	53·1	50·3	54·4	51·1	55·7	51·8	56·5	52·2	57·3	52·7	58·2	53·0	62·6	49·6

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	56·0	50·2	56·9	51·2	58·4	51·9	57·2	50·1	60·0	51·8	59·2	50·9	60·2	52·3	55·2	50·7	51·6	48·0	50·6	47·9	50·9	48·5	49·5	47·9	54·2	49·8
2	57·6	55·9	56·9	55·4	57·3	56·0	56·7	55·5	56·4	55·9	56·6	56·0	55·8	55·3	56·6	55·8	56·4	55·7	55·4	55·0	55·3	55·1	55·7	55·4	53·8	52·4
3	58·0	56·3	58·1	56·1	57·7	55·9	57·9	56·2	58·1	56·6	57·1	55·9	56·9	55·8	56·6	55·7	55·9	54·9	54·9	53·9	54·7	53·7	53·7	52·7	56·3	55·4
4	57·5	49·0	60·5	51·1	59·9	51·4	57·2	51·7	57·2	50·0	55·9	50·6	54·0	48·0	51·9	49·0	52·9	48·9	53·7	49·5	54·2	50·6	55·1	51·5	54·7	49·7
5	56·0	50·7	54·3	51·5	55·0	50·8	53·9	50·2	53·6	50·0	52·9	50·0	52·2	49·3	52·8	49·1	52·3	48·4	50·2	47·4	51·2	47·9	50·7	47·0	53·7	50·9
6	58·1	52·7	57·1	52·4	55·3	52·9	54·1	52·8	56·3	55·0	55·2	54·1	54·0	53·0	53·8	51·9	53·1	51·5	52·6	51·7	53·7	51·0	52·7	51·6	53·4	50·5
7	55·9	49·5	56·3	49·8	57·9	50·9	53·3	49·1	54·0	50·5	54·8	50·3	52·9	50·0	52·0	48·4	50·8	48·5	49·4	48·1	50·3	49·0	51·3	48·5	53·0	50·1
8	54·0	50·0	54·4	50·4	53·0	50·2	52·1	49·3	53·5	49·7	52·0	50·2	52·5	50·0	51·6	49·4	51·9	49·4	51·5	49·3	51·6	49·3	50·8	49·0	51·5	48·9
9	55·9	53·4	56·7	52·6	57·9	52·9	56·8	53·0	56·3	52·7	53·0	51·6	53·9	51·0	53·6	51·3	53·2	50·9	50·7	48·9	50·0	48·2	48·3	47·1	53·5	50·9
10	61·5	53·9	62·1	55·0	63·8	56·0	65·0	56·1	66·0	56·0	66·5	57·9	65·8	56·9	60·2	55·3	57·4	53·7	54·2	51·2	52·9	50·3	51·0	49·4	55·5	51·1
11	66·7	55·9	67·0	55·4	68·8	57·3	68·9	56·7	68·1	57·6	65·5	55·9	63·2	54·0	62·0	52·9	60·5	51·9	59·0	51·0	59·0	50·7	57·6	50·3	60·0	52·9
12	59·4	52·9	60·6	53·3	61·0	54·0	59·2	53·0	59·3	53·0	56·6	51·6	54·1	49·9	52·9	48·4	51·3	47·8	50·0	46·8	49·9	46·6	49·1	46·4	55·6	50·2
13	57·1	51·5	58·3	52·4	58·7	52·6	58·3	52·4	57·9	52·1	57·3	51·5	55·4	51·0	52·9	49·5	51·2	48·3	50·0	47·8	49·7	47·7	49·6	47·4	53·0	49·1
14	58·0	51·0	59·4	51·7	61·0	52·9	61·8	53·2	62·0	53·6	61·4	52·4	60·0	52·0	56·3	50·9	54·1	49·2	52·2	48·2	50·9	47·1	49·7	46·1	54·0	48·9
15	57·9	50·8	59·9	51·4	60·3	51·7	61·2	52·4	60·8	51·9	58·8	50·4	55·8	50·1	54·1	49·0	53·1	48·5	52·1	47·9	51·4	47·7	50·7	47·2	53·5	48·4
16	54·4	49·2	57·1	50·0	55·7	50·0	54·9	49·0	54·6	49·7	53·8	49·0	53·7	49·2	52·1	49·0	51·6	48·3	50·9	47·7	50·6	47·1	50·0	46·9	52·0	47·5
17	58·3	49·9	60·3	51·8	60·7	52·0	63·0	54·8	63·0	55·0	62·8	54·4	58·9	51·6	57·3	50·3	55·5	49·3	52·1	48·1	51·6	48·0	49·4	46·8	54·5	48·8
18	57·8	49·6	57·7	50·3	56·0	50·0	55·0	50·0	54·7	49·9	54·8	50·6	54·2	50·6	53·6	50·6	52·4	51·3	52·1	51·3	52·9	50·8	52·1	51·1	53·1	48·9
19	54·4	50·4	52·8	50·8	54·0	51·3	54·7	50·3	55·2	51·1	53·2	50·2	51·9	48·5	51·2	47·2	51·2	47·8	49·3	47·2	50·3	47·1	50·9	47·0	53·0	50·4
20	58·4	52·4	59·8	52·9	62·3	54·2	64·9	56·4	62·0	56·0	60·8	53·0	59·1	51·0	56·0	50·2	54·0	49·3	52·4	48·3	52·1	48·5	50·2	47·3	55·0	50·0
21	56·1	52·9	56·2	53·1	56·3	53·4	56·2	53·6	55·6	54·2	55·6	54·8	55·7	54·7	55·6	54·8	55·5	54·7	55·6	54·0	55·2	53·9	55·3	53·6	53·5	51·4
22	58·0	54·4	56·7	54·3	58·1	54·6	59·0	53·6	58·0	53·2	58·0	52·8	56·9	52·2	55·6	51·6	55·0	52·3	54·2	51·1	54·0	51·6	53·4	51·2	55·8	50·3
23	62·9	55·7	62·8	56·3	65·8	58·5	67·0	58·4	68·3	60·1	66·5	60·0	67·6	58·6	61·3	56·0	58·1	54·1	55·8	52·8	53·6	51·3	52·7	50·8	58·9	54·2
24	[60·0	56·1]	62·3	57·1	64·1	58·2	65·3	58·4	66·0	59·1	66·3	59·7	64·3	57·7	60·1	55·1	56·4	52·7	54·2	51·2	52·2	49·9	51·3	49·3	55·9	52·7
25	65·0	56·8	66·7	57·6	68·1	59·2	69·7	60·3	69·4	61·0	68·0	60·2	67·5	60·0	62·5	56·8	59·8	54·7	57·7	53·7	57·3	54·2	56·1	53·7	59·5	54·7
26	69·2	60·7	69·4	60·5	72·0	62·3	71·0	61·8	70·4	62·0	67·5	60·4	64·2	59·0	62·0	56·9	60·3	55·7	58·8	54·6	57·7	53·9	56·1	53·0	62·1	56·8
27	62·0	56·5	63·5	57·7	66·7	60·0	66·5	60·5	67·3	60·2	64·9	59·7	62·8	58·0	61·1	57·1	57·8	55·1	58·3	55·0	56·2	53·8	54·3	52·2	59·7	55·8
28	64·3	58·3	65·0	59·1	67·5	59·8	67·7	59·6	68·8	60·5	69·0	61·1	68·1	61·1	62·5	58·8	59·8	56·8	57·7	55·2	55·6	53·4	53·9	52·1	59·6	55·6
29	66·9	61·4	67·3	61·7	67·5	62·1	68·8	62·0	69·7	62·9	69·8	62·5	67·9	61·7	63·0	59·1	61·2	57·9	57·8	55·6	55·4	54·2	55·3	54·6	59·6	56·4
30	59·0	56·0	58·8	55·8	57·9	55·2	57·0	55·0	56·3	55·1	56·8	55·8	55·8	55·1	55·8	55·3	56·7	56·2	57·0	56·5	57·2	56·8	57·3	56·8	56·1	54·8
31	64·1	59·0	64·5	59·1	66·0	60·7	63·7	59·1	61·0	57·8	60·6	57·3	57·8	56·4	56·9	55·8	56·1	55·5	56·4	55·7	56·6	56·0	56·8	56·0	59·5	57·2
MEAN.	59·4	53·6	60·0	54·1	60·8	54·8	60·6	54·7	60·6	55·0	59·7	54·5	58·5	53·6	56·4	52·6	55·1	51·8	53·8	51·1	53·4	50·8	52·6	50·3	55·6	51·8

TEMPERATURE. . DRY AND WET BULBS. AUGUST 1892.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	43·2	43·2	43·0	43·0	43·0	43·0	42·4	42·4	41·5	41·5	40·7	40·7	41·8	41·8	41·6	41·6	42·0	42·0	42·1	42·1	43·2	43·2	43·1	43·1	46·0	40·7
2	41·2	39·0	40·0	39·0	39·6	38·9	38·0	38·0	37·9	37·7	39·0	37·9	41·3	40·2	42·7	42·0	42·1	40·3	44·0	41·7	45·0	42·9	44·4	43·1	45·0	37·9
3	41·0	41·0	39·0	39·0	37·8	37·9	37·1	37·1	37·6	37·6	36·4	36·4	36·4	36·4	36·1	36·1	36·9	36·9	37·9	37·9	38·0	38·0	38·5	38·5	41·0	29·0
4	28·9	28·9	29·0	29·0	28·0	28·1	28·0	28·1	28·0	28·1	28·2	28·2	29·2	29·2	29·2	29·0	30·5	30·5	31·8	31·4	32·4	32·4	32·8	32·8	36·1	**28·0**
5	36·9	36·9	37·2	37·2	38·0	38·0	38·9	38·9	38·2	38·2	39·5	39·5	39·8	39·8	39·6	39·6	40·1	40·1	41·2	41·2	41·3	41·3	42·1	42·1	42·1	34·7
6	35·1	35·1	35·4	35·4	36·2	36·2	36·5	36·5	36·1	36·1	36·0	36·0	35·9	35·9	36·4	36·4	36·3	36·3	36·5	36·5	35·5	35·5	35·9	36·0	37·5	34·0
7	34·0	34·0	33·3	33·3	33·1	33·1	33·0	33·0	33·0	33·0	33·2	33·2	33·0	33·0	33·8	33·8	34·2	34·2	36·2	36·2	37·2	37·2	37·8	37·8	41·5	33·0
8	35·6	35·6	35·0	35·0	34·7	34·7	34·0	34·0	33·4	33·4	33·1	33·1	33·0	33·0	33·3	33·3	33·7	33·7	34·0	34·0	33·9	33·9	34·4	34·4	35·6	31·0
9	29·1	29·1	29·8	29·8	29·0	29·0	28·9	28·9	28·8	28·8	29·2	29·2	29·3	29·0	30·6	30·6	30·2	30·2	32·0	32·0	34·3	33·1	34·8	34·8	40·8	28·8
10	36·0	35·0	36·0	34·9	35·1	34·7	34·8	34·1	34·5	33·9	35·2	34·2	34·5	34·5	35·6	34·4	37·8	33·8	39·6	35·8	39·6	38·4	40·9	39·8	40·9	34·5
11	39·0	39·1	40·0	40·0	40·0	40·0	40·7	40·7	40·3	40·3	40·8	40·8	40·9	40·9	41·1	41·1	41·0	41·1	41·2	41·3	41·8	41·8	42·0	42·0	42·1	39·0
12	41·9	41·9	41·8	41·8	41·5	41·5	41·3	41·3	41·2	41·2	41·2	41·2	41·4	41·5	41·6	41·6	41·3	41·3	42·0	42·1	42·4	42·4	43·5	43·5	46·1	41·2
13	45·5	45·5	45·7	45·7	46·2	46·2	46·5	46·5	45·2	45·2	42·3	42·3	41·4	41·4	41·8	41·8	41·5	41·5	41·8	41·8	42·1	42·1	44·8	44·8	46·5	40·2
14	40·1	40·1	40·5	40·5	40·2	40·2	40·7	40·7	39·9	39·9	40·0	40·0	40·2	40·2	40·5	40·5	41·0	41·0	41·1	41·1	41·3	41·3	41·7	41·7	41·7	38·7
15	38·6	38·6	38·4	38·4	38·2	38·2	38·8	38·8	38·5	38·5	36·8	36·8	37·0	37·0	37·4	37·4	37·5	37·5	37·7	37·7	38·2	38·2	38·8	38·8	39·0	36·8
16	37·0	37·0	37·6	37·6	37·1	37·1	37·0	37·0	37·4	37·4	37·1	37·1	37·8	37·8	37·7	37·7	38·8	38·8	38·9	38·9	39·0	39·0	39·9	39·9	40·8	37·0
17	38·2	38·2	37·6	37·6	37·5	37·5	37·7	37·7	37·1	37·1	37·3	37·3	37·7	37·7	37·7	37·7	37·1	37·0	37·4	37·2	38·8	38·5	40·2	40·0	43·7	37·1
18	38·4	38·4	38·5	38·5	37·9	37·9	37·8	37·8	37·8	37·8	38·2	38·2	38·2	38·2	38·4	38·4	39·1	39·1	39·0	39·0	38·9	38·9	38·7	38·7	39·3	37·8
19	38·6	38·6	38·5	38·5	38·5	38·5	38·7	38·7	37·9	37·9	37·6	37·6	37·4	37·4	37·8	37·8	38·0	38·0	38·6	38·4	38·8	38·8	39·9	39·9	39·9	35·0
20	35·0	33·8	35·0	34·5	35·0	33·5	35·2	34·9	35·4	34·8	36·6	36·3	37·7	37·4	38·6	38·6	38·9	38·9	39·7	39·5	40·1	39·5	41·4	39·8	48·2	35·0
21	49·0	49·0	49·3	49·3	49·1	49·1	49·5	49·5	49·5	49·5	49·9	49·9	50·6	50·6	50·7	50·7	50·5	50·5	50·4	50·4	50·3	50·3	49·3	49·3	**50·7**	47·0
22	47·8	47·8	47·6	47·6	47·3	47·3	47·9	47·9	47·6	47·6	47·3	47·3	47·4	47·4	47·1	47·1	47·3	47·3	48·0	48·0	48·3	48·3	48·6	48·6	49·0	44·1
23	45·1	45·1	45·2	45·2	45·2	45·2	45·6	45·6	45·6	45·6	45·5	45·5	45·1	45·1	45·3	45·3	45·7	45·7	46·6	46·4	48·1	47·8	48·1	47·9	49·0	45·1
24	47·0	45·8	47·1	46·1	46·8	46·0	46·2	46·1	47·5	47·5	46·4	46·4	47·1	47·1	47·3	47·3	47·1	47·1	47·0	47·0	47·1	47·1	47·2	47·2	47·9	40·0
25	41·0	40·0	39·2	37·4	39·8	38·0	40·3	37·9	40·7	38·6	39·3	37·3	40·1	35·0	38·0	31·0	39·6	38·8	40·7	40·7	39·5	39·5	39·4	39·4	41·0	35·7
26	36·0	36·0	35·8	35·8	34·3	34·3	34·1	34·1	33·4	33·4	32·8	32·8	33·6	33·6	33·9	33·9	34·0	34·0	34·5	34·5	34·7	34·7	35·0	35·0	39·4	32·8
27	33·1	33·1	34·0	34·0	34·8	34·8	35·8	35·8	36·2	36·2	35·7	35·7	34·7	34·7	35·7	35·7	35·1	35·1	36·0	36·0	35·8	35·8	36·1	36·1	36·7	33·1
28	34·9	34·9	34·7	34·7	33·0	33·0	32·7	32·7	33·0	33·0	33·4	33·4	33·0	33·0	32·9	32·9	33·0	33·0	33·6	33·6	33·8	33·8	33·7	33·7	34·9	30·0
29	30·0	30·0	29·7	29·8	29·2	29·2	29·2	29·2	29·0	28·6	29·5	28·8	31·0	29·6	31·3	30·7	32·7	32·1	34·0	33·2	35·8	35·0	37·1	35·7	37·1	29·0
30	34·0	34·0	35·0	35·0	35·0	35·0	35·1	35·1	36·0	36·0	37·2	37·2	37·3	37·3	38·2	38·2	38·6	38·6	39·8	39·8	40·3	40·3	40·9	40·9	42·1	34·0
31	40·3	40·3	38·8	38·8	38·1	38·1	37·0	37·0	36·5	36·5	36·4	36·4	36·7	36·7	36·6	36·6	36·9	36·9	36·9	36·9	39·0	39·0	38·3	38·3	40·3	33·3
MEAN.	38·8	38·5	38·3	38·1	38·0	37·9	38·0	37·9	37·9	37·8	37·8	37·6	38·1	37·8	38·3	38·0	38·7	38·4	39·4	39·1	39·8	39·6	40·2	40·0	42·0	35·9

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	44·1	44·2	44·7	44·8	46·0	46·0	45·4	45·4	44·7	44·7	43·7	43·7	43·1	43·1	43·2	43·2	43·0	43·0	42·7	42·7	40·9	40·8	41·0	39·0	42·9	42·8
2	44·9	43·9	44·9	44·2	44·0	43·8	42·8	42·8	42·0	42·0	41·8	41·9	41·9	41·9	41·7	41·7	41·3	41·3	40·9	40·9	41·1	41·1	41·3	41·3	41·8	41·1
3	38·0	38·0	38·3	38·4	37·8	37·8	37·2	37·3	35·5	35·5	33·9	33·9	33·0	33·0	32·0	32·0	31·8	31·9	29·3	30·3	29·8	29·8	29·0	29·0	35·8	35·8
4	33·2	33·2	34·0	34·0	34·5	34·5	34·9	34·9	34·7	34·7	33·9	33·9	34·8	34·8	34·9	34·9	35·7	35·7	36·1	36·1	36·0	36·0	35·8	35·8	32·3	32·3
5	41·2	41·2	40·0	40·0	40·0	40·0	39·8	39·9	38·1	38·1	39·0	39·0	38·9	38·9	38·0	38·0	38·0	38·0	37·0	37·0	36·0	36·0	34·7	34·8	38·9	38·9
6	36·8	36·9	37·1	37·1	37·5	37·5	36·8	36·8	35·9	36·0	34·9	34·9	34·1	34·1	34·0	34·0	34·1	34·1	34·2	34·2	34·7	34·7	34·0	34·0	35·7	35·7
7	39·0	39·0	40·2	40·0	40·4	39·9	41·1	40·2	41·5	40·6	40·1	39·8	39·5	39·6	39·0	39·0	39·1	39·1	38·0	38·0	37·0	37·0	35·8	35·8	36·8	36·7
8	35·4	35·5	35·4	35·4	35·0	35·0	34·0	34·1	33·8	33·8	34·5	34·5	34·1	34·1	34·0	34·0	32·3	32·3	31·0	31·0	31·9	31·9	31·0	31·2	33·8	33·8
9	37·0	36·7	37·9	37·0	39·8	38·5	40·8	39·1	39·8	38·1	39·0	37·5	40·2	38·8	38·0	37·0	37·5	36·1	37·0	36·0	37·0	35·6	36·2	35·0	34·4	33·7
10	39·7	39·0	40·7	40·0	40·0	39·8	40·2	39·8	39·4	39·3	38·5	38·5	38·1	38·1	37·0	37·0	37·0	37·0	38·1	38·1	38·1	38·1	38·4	38·4	37·7	36·9
11	42·1	42·1	41·9	41·9	41·3	41·3	41·8	41·8	42·0	42·0	41·9	41·9	41·1	41·1	41·1	41·1	41·0	41·0	41·8	41·8	42·0	42·0	42·0	42·0	41·2	41·2
12	43·5	43·5	43·2	43·2	42·2	42·2	42·1	41·9	42·7	42·7	43·8	43·8	44·0	44·0	45·3	45·3	45·4	45·4	45·7	45·7	46·1	46·2	45·9	45·9	43·0	43·0
13	41·8	41·8	42·0	42·0	42·4	42·4	42·1	42·1	41·9	41·9	41·7	41·7	41·0	41·0	40·8	40·9	41·5	41·5	40·3	40·3	40·2	40·2	40·2	40·2	42·4	42·4
14	41·7	41·7	41·6	41·6	41·7	41·7	41·2	41·2	41·5	41·5	41·5	41·5	41·0	41·0	40·9	40·9	41·0	41·0	40·4	40·4	39·8	39·8	38·7	38·7	40·8	40·8
15	38·3	38·3	39·0	39·0	38·2	38·2	38·1	38·1	38·2	38·2	38·2	38·2	38·0	38·0	37·9	37·9	37·6	37·6	37·7	37·7	37·3	37·3	37·4	37·4	38·0	38·0
16	39·8	39·8	39·8	39·8	40·5	40·5	40·8	40·8	40·2	40·2	39·9	39·9	38·5	38·6	39·2	39·2	38·2	38·2	38·0	38·0	38·8	38·8	38·0	38·0	38·6	38·6
17	40·5	40·0	42·1	41·2	43·7	42·6	43·7	42·9	41·7	41·0	41·0	40·3	40·5	39·0	39·8	38·8	39·0	38·5	38·0	37·2	38·3	38·0	38·5	38·5	39·2	38·8
18	39·0	39·0	38·0	38·0	39·1	39·1	39·1	39·1	39·2	39·2	39·2	39·2	38·0	38·0	38·0	38·0	38·5	38·5	39·3	39·3	39·3	39·3	38·9	38·9	38·6	38·6
19	38·8	38·8	39·0	39·0	39·7	39·7	37·9	37·8	38·1	37·8	37·6	37·2	37·0	37·0	36·8	34·0	36·1	34·0	36·0	35·0	35·0	34·0	35·0	34·0	37·8	37·4
20	43·0	41·4	43·8	42·8	44·2	43·1	43·7	43·0	43·7	43·5	44·0	44·0	44·1	44·1	44·9	44·9	46·4	46·4	46·8	46·8	47·1	47·1	48·2	48·2	41·2	40·7
21	48·0	48·0	48·0	48·0	47·9	47·9	47·8	47·8	47·4	47·4	47·0	47·0	47·2	47·2	48·0	48·0	48·1	48·1	48·6	48·6	48·2	48·2	48·2	48·2	48·9	48·9
22	49·0	49·0	47·8	47·8	47·7	47·7	47·4	47·4	46·0	46·0	45·3	45·3	44·1	44·1	44·5	44·5	44·9	44·9	45·0	45·0	45·1	45·1	45·1	45·1	46·8	46·8
23	48·8	48·2	48·0	48·0	48·6	48·3	49·0	48·8	48·6	48·3	48·6	48·3	47·8	47·8	47·2	47·2	47·0	47·0	46·3	46·0	46·3	46·0	47·0	46·0	46·8	46·7
24	47·9	47·9	47·9	47·9	47·8	47·8	47·6	47·6	47·1	47·1	46·1	46·1	45·9	45·9	44·7	44·7	44·7	44·7	44·8	44·8	40·5	39·6	40·0	39·0	46·2	46·0
25	40·2	40·2	40·2	40·2	39·3	39·3	39·9	39·9	38·8	38·8	38·1	38·1	37·0	37·0	36·9	36·9	36·5	36·5	36·0	36·0	35·9	35·9	35·7	35·7	38·8	37·8
26	35·6	35·6	37·0	37·0	39·1	39·1	39·4	39·4	36·4	36·4	35·7	35·7	33·7	33·7	33·2	33·2	33·2	33·2	33·1	33·1	34·0	34·0	33·6	33·6	34·8	34·8
27	35·9	35·9	36·2	36·2	36·7	36·7	36·1	36·1	36·0	36·0	35·8	35·8	35·0	35·0	34·2	34·2	34·4	34·4	34·9	34·9	35·6	35·6	34·9	34·9	35·4	35·4
28	34·8	34·8	34·0	34·0	34·0	34·0	33·8	33·8	33·0	33·0	33·0	33·0	32·0	32·0	32·0	32·0	31·2	31·7	31·2	31·6	30·0	30·1	30·0	30·0	32·9	33·0
29	36·9	35·0	36·0	34·8	34·5	34·0	33·4	32·8	32·9	32·9	33·3	33·3	33·1	33·1	33·0	33·0	33·8	33·8	33·7	33·7	34·1	34·1	33·8	33·8	32·8	32·3
30	41·0	41·0	41·8	41·8	42·1	42·1	41·6	41·6	41·2	41·2	40·9	40·9	40·6	40·6	41·0	41·0	41·0	41·0	41·0	41·0	40·9	40·9	40·4	40·4	39·2	39·2
31	38·0	38·0	39·2	39·2	39·9	39·9	39·9	39·9	38·3	38·3	37·2	37·2	36·7	36·7	35·6	35·6	35·1	35·1	35·0	35·0	33·9	33·9	33·3	33·3	37·2	37·2
MEAN.	40·4	40·2	40·6	40·5	40·8	40·7	40·6	40·5	40·0	39·9	39·6	39·5	39·2	39·1	38·9	38·8	38·9	38·7	38·6	38·6	38·4	38·3	38·1	37·9	39·1	38·9

TEMPERATURE. DRY AND WET BULBS. AUGUST 1892.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	57·3	55·9	57·9	55·2	57·7	54·9	57·1	54·4	57·3	54·3	57·1	54·2	57·7	54·2	58·7	55·0	58·9	55·1	58·6	56·2	59·7	57·9	60·9	57·7	63·9	53·8
2	54·0	52·2	53·7	52·0	53·7	52·0	53·4	51·5	52·5	51·2	53·0	51·3	55·0	53·0	58·3	54·3	59·1	54·3	60·0	55·0	61·9	55·3	62·0	56·2	64·3	52·4
3	55·8	54·5	55·6	52·3	54·8	51·2	54·1	50·5	54·0	50·7	54·6	50·4	53·1	51·0	54·1	52·1	55·1	52·2	55·9	52·7	57·2	54·0	57·8	54·1	61·9	48·7
4	50·3	44·4	50·1	44·9	49·5	44·0	46·7	42·0	45·0	41·6	48·0	43·5	50·3	45·0	53·8	47·1	54·0	47·3	55·0	47·8	56·0	48·5	56·0	48·2	61·3	44·9
5	51·9	50·8	52·2	50·9	52·9	51·4	53·1	52·2	54·0	52·9	54·1	53·4	54·8	53·9	54·8	54·1	55·6	54·6	55·8	54·9	56·9	55·6	56·0	55·2	60·8	51·0
6	51·3	49·7	50·9	49·6	52·0	50·3	52·6	50·7	52·6	50·3	53·0	50·3	53·1	50·7	52·6	50·9	54·4	50·8	54·8	50·2	55·5	51·5	55·1	51·5	59·3	50·7
7	52·2	48·5	52·0	47·9	51·9	47·9	51·7	47·9	51·7	47·7	51·7	47·9	51·9	48·9	52·8	49·2	54·9	51·0	56·2	52·2	58·1	52·8	57·2	52·4	62·0	51·3
8	52·9	49·1	53·7	49·1	53·9	48·7	53·5	48·9	52·6	48·2	52·1	47·4	52·6	48·0	52·6	48·2	52·2	48·7	51·8	49·3	51·8	49·5	52·0	50·0	56·2	46·9
9	48·5	44·9	48·2	44·7	48·0	44·9	48·4	45·0	47·3	44·2	48·2	45·3	49·9	45·6	50·4	44·9	52·0	45·3	51·8	45·0	54·3	47·0	54·7	47·0	63·4	46·4
10	46·4	44·4	43·0	42·2	42·2	41·1	42·0	40·7	43·2	41·6	42·9	41·8	44·8	43·2	47·3	45·6	52·6	49·2	54·4	50·2	56·9	52·3	57·2	52·2	59·5	41·3
11	53·3	51·3	54·3	51·7	53·7	52·3	53·0	52·4	53·5	52·8	53·9	53·1	53·9	53·4	55·0	54·3	56·2	55·2	56·2	55·2	56·5	55·7	57·0	55·9	59·4	52·9
12	55·6	55·1	55·5	55·0	55·0	54·7	54·9	54·3	55·1	54·7	55·3	54·8	56·1	55·3	56·8	55·7	58·9	57·1	59·1	56·8	59·9	57·0	61·8	58·0	65·2	54·9
13	57·7	56·9	57·4	56·8	57·4	56·8	57·5	57·1	56·9	56·5	56·0	55·6	55·7	55·1	55·9	55·2	56·7	55·8	57·8	56·4	58·9	57·1	60·1	57·3	62·5	54·3
14	54·9	54·2	55·0	54·1	54·9	54·1	55·0	54·2	55·0	54·1	55·9	54·0	56·9	54·2	55·8	54·2	56·3	54·1	55·6	54·4	55·5	54·7	55·5	55·1	60·3	54·6
15	54·2	53·8	54·2	53·8	53·9	53·3	53·9	53·3	53·7	52·3	53·8	51·1	53·7	52·0	53·3	51·9	55·1	52·0	56·0	52·6	57·1	53·5	57·5	52·4	58·4	53·0
16	54·2	50·8	53·3	51·3	53·6	51·0	53·1	50·3	54·0	51·3	54·7	52·1	55·0	53·5	55·3	53·8	55·8	54·1	57·4	54·9	56·5	55·1	59·3	56·7	61·6	52·7
17	53·1	52·1	52·3	51·2	52·0	51·1	52·0	51·1	51·2	50·9	51·7	51·0	52·1	51·4	53·2	52·3	55·3	53·7	57·0	54·4	58·8	55·0	58·1	54·3	64·1	59·7
18	49·6	48·1	50·0	48·1	[49·7]	47·9	[50·0]	48·3	[50·2]	48·6	[50·5]	49·0	[51·6]	50·2	[51·7]	50·4	[52·0]	51·0	53·1	52·1	55·0	53·9	55·3	53·9	57·4	[48·0]
19	52·8	51·4	52·4	51·3	52·2	51·1	52·1	51·1	51·0	50·0	51·9	51·2	53·0	51·8	54·4	52·8	55·1	53·1	56·6	53·9	58·8	54·5	57·4	53·9	63·0	47·7
20	45·2	44·3	44·3	43·3	44·0	42·9	44·0	43·2	43·1	42·0	45·0	43·4	48·6	46·8	50·3	47·8	52·6	50·0	56·0	52·0	58·7	54·4	59·4	55·0	65·7	42·8
21	59·0	58·1	59·3	58·5	59·3	58·7	59·2	58·8	59·6	59·0	59·9	59·4	60·0	59·5	60·7	60·0	61·0	60·4	61·9	61·0	62·0	61·4	61·5	60·7	66·2	58·4
22	61·2	59·0	60·8	58·7	60·6	58·7	59·9	58·7	59·0	57·9	60·1	58·7	59·6	58·3	60·0	58·6	62·7	60·0	62·2	60·0	60·3	59·6	60·0	59·2	64·2	57·7
23	56·9	55·1	56·5	54·8	57·2	55·2	57·7	55·3	56·0	54·9	56·1	55·0	56·4	55·4	59·8	57·4	61·3	58·4	64·0	59·7	64·9	60·3	65·6	61·0	**68·4**	55·7
24	56·9	55·8	56·1	55·3	56·1	55·2	55·8	55·0	55·2	54·7	54·9	54·5	55·0	54·5	55·6	55·0	56·2	55·7	56·9	56·2	57·7	57·0	58·6	57·6	60·6	54·0
25	54·2	52·3	53·7	51·8	53·9	52·0	53·0	51·3	53·4	51·4	52·7	50·0	52·6	49·7	54·6	50·6	55·3	51·0	56·0	51·6	54·0	51·2	53·9	51·8	58·4	51·4
26	53·4	50·0	54·0	49·5	53·5	49·4	52·5	49·0	53·3	49·0	53·2	48·3	52·5	48·2	52·7	49·0	56·4	50·6	56·5	50·0	56·0	50·3	58·2	51·5	58·3	49·9
27	50·4	47·0	51·0	48·3	51·8	49·1	51·9	50·0	51·0	50·7	51·7	50·0	51·3	49·8	52·0	50·3	52·2	50·3	53·6	51·7	52·8	51·0	56·4	53·1	58·3	50·0
28	51·0	49·6	52·4	49·0	52·1	48·2	50·0	46·8	49·7	47·0	49·8	48·3	50·3	48·2	51·7	49·0	52·8	48·5	52·4	48·4	54·0	48·8	53·9	47·5	58·7	44·2
29	43·0	41·0	41·7	40·0	40·7	39·4	39·7	38·3	38·0	37·0	37·9	36·4	40·0	38·5	44·9	42·9	48·1	45·7	54·3	48·4	55·7	48·4	56·9	48·5	60·1	**37·6**
30	51·7	47·6	51·0	47·7	51·2	48·0	50·6	48·0	51·5	48·2	50·9	48·4	51·0	48·6	51·0	49·1	52·8	50·6	55·4	52·2	53·9	51·4	53·9	52·0	56·4	50·1
31	51·9	49·9	51·9	49·7	51·0	49·3	50·8	49·0	50·5	49·0	50·9	49·2	50·9	49·5	51·7	49·9	52·4	50·1	53·3	50·7	53·7	51·3	54·0	51·5	56·0	50·1
MEAN.	52·9	50·9	52·7	50·6	52·6	50·5	52·2	50·3	52·0	50·2	52·3	50·3	52·9	50·9	53·9	51·7	55·3	52·4	56·3	53·1	57·1	53·7	57·5	53·9	61·2	50·6

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	62·7	57·9	61·5	56·7	60·7	56·0	60·5	55·8	62·2	57·4	59·6	55·7	58·2	54·8	56·3	54·0	55·0	53·2	55·1	53·1	54·1	52·2	53·9	52·1	58·3	55·2
2	62·0	56·8	62·8	57·3	63·0	56·4	59·3	55·3	58·6	55·1	57·6	54·9	57·8	55·2	57·0	55·0	56·8	54·8	56·6	54·3	55·9	54·6	55·9	54·8	57·5	54·3
3	56·7	53·5	59·5	54·1	61·4	54·3	59·0	52·7	56·1	51·0	57·1	51·0	55·1	48·5	53·9	46·9	52·6	47·3	51·1	45·1	50·0	45·3	50·3	44·7	55·2	50·8
4	57·0	49·3	57·4	50·0	61·0	52·5	58·9	50·9	56·0	49·8	54·2	49·5	53·9	49·9	52·9	49·6	52·9	50·0	52·1	50·3	52·4	51·2	52·0	50·8	53·1	47·8
5	56·9	55·3	59·6	55·9	58·9	54·9	57·2	55·1	56·9	54·6	56·5	53·5	55·9	53·0	54·6	51·9	53·9	52·6	53·7	51·0	53·3	50·3	51·0	49·0	55·0	53·2
6	55·8	52·3	56·7	52·4	57·3	52·5	57·8	51·5	57·0	51·0	56·7	51·0	55·2	49·2	53·3	48·3	52·7	48·1	52·1	48·4	52·2	48·4	52·3	48·4	54·0	50·3
7	59·5	54·0	60·7	53·5	60·9	53·8	60·5	54·0	61·5	55·9	58·0	53·7	56·9	52·3	55·6	52·3	53·8	50·7	53·2	50·7	52·4	50·0	53·7	50·3	55·4	51·1
8	52·1	49·4	52·4	49·7	53·6	50·3	55·1	51·4	54·5	51·0	53·8	49·4	51·9	48·5	51·1	48·3	51·0	48·0	48·0	45·6	47·3	44·7	47·4	44·8	52·1	48·6
9	56·3	48·6	57·9	49·1	60·1	50·9	61·8	52·8	62·4	53·7	62·7	54·7	59·5	53·1	53·8	49·8	52·3	48·3	52·0	48·1	49·0	46·7	46·4	45·0	53·2	47·7
10	58·0	53·0	58·8	53·2	59·1	54·4	58·8	54·6	58·1	54·0	56·5	53·6	55·8	51·7	54·0	51·0	54·9	51·5	55·0	51·5	53·9	51·0	54·3	51·1	52·1	49·0
11	58·0	56·8	58·5	57·2	58·9	57·8	58·7	57·2	57·3	56·2	57·1	56·0	56·0	55·3	55·9	55·1	55·5	55·0	55·2	55·0	55·2	55·0	55·2	55·1	55·8	54·8
12	61·0	57·7	61·7	57·3	64·0	56·8	63·2	56·2	63·1	56·8	63·6	57·1	61·6	57·3	59·9	57·8	58·0	57·1	57·8	56·6	58·3	57·0	58·0	56·9	58·9	56·4
13	60·1	57·0	60·2	57·0	62·3	58·3	60·0	56·5	58·7	56·2	57·7	55·5	57·3	55·3	56·0	55·0	55·3	54·0	54·6	53·7	54·8	53·8	54·9	54·0	57·5	56·0
14	56·1	55·4	57·0	55·9	57·3	55·9	57·7	56·2	58·9	56·3	57·9	55·7	56·7	55·5	55·5	54·2	55·3	54·3	55·6	54·3	55·1	54·3	54·6	53·9	56·0	54·7
15	56·6	54·4	55·9	53·7	57·2	54·3	56·8	53·5	57·8	53·2	56·6	52·8	56·8	51·8	56·0	51·2	56·0	51·2	55·8	51·4	55·2	51·0	55·6	51·0	55·5	52·6
16	58·9	56·1	59·0	56·7	60·6	57·6	60·9	56·4	59·6	55·9	58·5	55·7	55·5	54·0	55·7	53·7	55·8	54·7	55·8	54·6	54·3	53·7	54·5	53·6	56·3	54·1
17	60·3	54·3	61·6	53·7	63·1	54·1	63·1	54·3	62·9	54·0	61·0	54·2	59·0	53·2	56·0	51·5	53·2	50·3	51·9	49·3	51·1	49·3	50·0	48·1	55·8	52·3
18	56·3	54·1	56·6	54·2	56·9	53·1	56·7	52·9	56·0	52·9	55·1	53·0	55·0	53·0	54·1	52·7	53·5	52·0	53·4	52·1	53·1	52·0	52·4	51·4	53·2	51·5
19	59·0	53·8	60·0	54·6	62·9	54·7	59·2	52·8	60·4	54·0	60·7	53·7	58·3	52·9	53·6	49·4	52·1	48·9	50·8	48·0	50·0	47·5	47·7	46·2	55·1	51·8
20	60·7	55·4	61·9	56·2	64·9	57·0	63·9	56·0	61·5	56·0	61·9	56·4	62·2	56·4	60·3	56·5	58·8	57·3	58·9	57·3	58·7	57·7	58·6	57·8	55·1	51·9
21	62·9	61·1	65·4	62·7	64·6	61·6	63·1	59·7	61·2	58·7	62·5	59·4	62·9	59·9	62·9	59·8	62·4	59·7	62·0	59·8	61·9	59·5	61·0	59·1	61·5	59·9
22	60·8	59·9	60·8	59·6	62·4	60·5	63·7	61·0	63·7	60·9	63·2	60·5	62·5	58·7	60·4	56·9	60·0	56·5	58·7	56·6	58·6	56·4	57·9	56·1	60·8	58·8
23	65·3	61·0	65·2	60·3	67·0	61·8	67·1	60·1	67·5	60·9	65·6	59·5	61·8	57·6	60·5	56·7	58·0	56·3	57·4	56·1	57·0	56·0	56·9	55·9	60·9	57·7
24	60·4	59·1	59·3	58·2	58·4	57·9	57·9	57·3	56·8	55·9	56·1	55·4	55·8	55·0	55·4	54·0	55·0	53·3	54·4	52·9	54·1	52·7	54·0	52·2	56·4	55·4
25	55·3	53·0	55·8	54·0	57·9	55·5	57·0	54·9	56·7	53·5	56·5	53·1	54·0	50·8	53·7	51·0	53·9	51·1	52·6	48·9	51·9	49·6	51·7	49·0	54·3	51·6
26	55·7	51·5	54·0	52·2	52·6	51·9	55·0	54·2	56·9	51·9	55·7	50·3	54·4	48·5	52·5	48·2	52·8	48·1	51·9	48·2	50·5	48·3	50·3	47·9	53·9	49·8
27	55·3	51·5	56·3	51·7	55·7	51·9	57·0	52·3	58·0	53·5	55·3	51·2	53·1	49·8	51·1	48·2	51·9	48·5	52·1	49·4	51·2	49·6	51·0	49·4	53·1	50·3
28	55·0	48·4	54·5	48·5	57·1	50·0	57·1	49·7	57·1	49·7	55·9	49·0	53·7	48·2	48·6	45·3	48·2	45·0	47·0	44·1	45·8	43·1	44·3	42·2	51·9	47·7
29	59·2	51·0	58·9	49·2	57·7	48·1	55·8	46·9	55·0	47·4	54·1	47·5	53·0	47·7	51·6	46·7	50·0	46·7	50·3	46·9	50·9	47·0	53·2	48·0	49·6	44·9
30	53·4	51·4	54·1	52·1	54·3	52·1	53·2	51·5	53·4	51·5	52·6	51·3	52·4	51·0	52·0	50·7	52·0	50·4	51·8	50·3	51·8	50·2	52·0	50·0	52·4	50·2
31	55·8	52·2	55·9	51·7	55·2	52·7	54·7	52·6	55·0	52·0	54·8	50·5	53·9	49·4	53·3	49·3	52·4	49·6	51·8	49·0	51·8	48·4	50·9	47·9	52·9	50·2
MEAN.	58·2	54·4	58·7	54·5	59·6	54·8	59·1	54·4	58·7	54·2	57·9	53·7	56·6	52·8	55·1	52·0	54·4	51·8	53·8	51·4	53·3	51·2	53·0	50·9	55·3	52·3

TEMPERATURE. DRY AND WET BULBS. SEPTEMBER 1892.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	33·0	33·0	32·2	32·2	32·2	32·2	32·2	32·2	32·4	32·4	34·1	34·1	35·3	35·3	36·2	36·2	38·2	38·2	38·4	38·4	37·2	37·2	37·9	37·9	38·4	32·0
2	32·0	32·0	32·0	32·0	32·0	32·0	32·0	32·0	32·0	32·0	32·0	32·0	32·0	32·0	32·0	32·0	32·0	32·0	31·4	32·0	31·2	31·8	31·1	32·0	32·0	31·0
3	31·7	31·8	30·0	30·0	28·8	28·8	27·8	27·8	27·9	27·9	28·4	28·4	28·7	28·7	30·0	30·0	31·5	31·5	31·8	31·8	32·0	32·0	32·0	32·0	32·3	27·8
4	30·0	30·0	29·3	29·3	29·1	29·1	28·9	28·9	28·8	28·8	28·6	28·6	28·7	28·7	29·0	29·0	28·6	28·8	29·4	29·6	30·9	31·1	31·2	31·3	36·5	28·6
5	31·3	29·1	31·1	31·1	31·3	31·3	32·1	31·9	32·3	32·2	32·5	32·4	32·5	32·5	33·6	33·6	34·2	34·2	34·6	34·6	35·2	35·2	36·2	36·2	41·0	31·1
6	41·0	41·0	39·2	39·2	37·0	37·0	36·9	36·9	37·0	37·0	36·4	36·4	35·0	35·0	35·8	35·8	36·7	36·7	38·0	38·0	38·3	38·3	39·8	39·8	41·0	35·0
7	37·1	37·1	37·0	37·0	37·1	37·1	37·0	37·0	36·7	36·7	36·1	36·1	36·2	36·2	35·7	35·7	35·7	35·7	34·7	34·7	33·2	33·2	31·7	31·8	37·1	31·7
8	31·9	31·9	31·7	31·8	31·8	31·8	32·0	32·0	32·0	32·0	31·1	31·1	31·7	31·7	31·9	31·9	32·0	32·0	32·5	32·5	34·8	34·0	35·4	35·5	41·9	31·1
9	42·1	42·1	40·5	40·5	40·9	40·9	41·9	41·9	41·4	41·3	42·0	42·0	41·3	41·2	41·1	41·0	40·6	40·6	40·0	40·0	38·0	38·0	37·1	37·1	42·1	36·4
10	35·2	35·2	35·7	35·7	34·8	34·8	34·0	34·0	34·0	34·0	34·6	34·5	34·3	34·3	34·2	34·2	34·1	34·1	34·4	34·4	34·7	34·7	33·8	33·8	35·7	31·8
11	33·4	33·4	34·0	34·0	34·0	34·0	34·2	34·2	34·7	34·7	34·1	34·1	35·1	35·1	35·6	35·6	35·5	35·5	36·1	36·1	36·8	36·8	36·8	36·8	37·1	33·4
12	35·0	35·0	35·0	35·0	35·0	35·0	35·8	35·8	36·7	36·7	37·0	37·0	37·7	37·7	38·0	38·0	36·5	36·5	36·7	36·7	37·0	37·0	37·8	37·8	42·1	35·0
13	41·3	41·3	41·3	41·3	41·2	41·2	41·0	41·0	41·1	41·1	41·1	41·1	38·7	38·7	36·0	36·0	35·8	35·9	35·7	35·7	34·3	34·3	33·8	33·8	41·3	31·5
14	33·3	33·3	33·3	33·3	33·3	33·3	33·0	33·0	32·1	32·1	32·1	32·2	32·4	32·4	33·0	33·0	33·2	33·2	34·2	34·2	35·1	35·1	35·6	35·6	39·0	32·1
15	38·7	38·7	39·3	39·3	38·1	38·1	37·9	37·9	37·2	37·2	37·1	37·1	37·4	37·4	36·9	36·9	37·0	37·0	38·8	38·8	37·7	37·7	36·9	36·9	39·3	36·9
16	39·0	39·0	39·7	39·7	39·8	39·8	38·8	38·8	38·6	38·6	37·6	37·6	33·5	33·5	33·2	33·2	33·1	33·1	33·9	33·9	34·8	34·8	33·9	33·9	39·8	28·8
17	26·5	26·5	26·0	26·0	25·1	25·1	25·8	25·8	36·2	26·2	25·6	25·7	26·9	26·9	27·7	27·7	28·3	28·3	29·8	29·8	31·2	31·2	32·0	32·0	36·9	25·1
18	37·4	37·4	38·0	38·0	38·9	38·9	39·1	39·1	39·7	39·7	39·9	39·9	40·0	40·0	40·2	40·2	40·3	40·3	41·1	41·1	41·4	41·4	42·6	42·6	43·1	37·4
19	38·0	38·0	38·0	38·0	38·1	38·1	38·4	38·4	38·2	38·2	37·0	37·0	36·3	36·3	36·0	36·0	36·5	36·5	36·1	36·1	36·4	36·4	35·6	35·6	38·4	30·7
20	31·2	31·2	30·8	30·8	30·7	30·7	30·8	30·8	30·0	30·0	29·8	29·9	29·8	29·8	29·2	29·2	29·7	29·7	30·5	30·5	31·6	31·6	31·6	31·6	32·2	28·0
21	31·9	31·2	30·4	28·7	30·9	29·9	32·9	30·9	31·0	30·3	33·8	31·7	33·6	32·0	33·9	33·0	35·3	34·5	37·6	36·7	39·2	37·6	40·3	34·9	44·3	30·4
22	39·0	28·6	40·2	28·4	40·0	28·0	39·4	28·6	39·0	27·3	37·0	26·3	38·9	27·3	40·7	28·4	42·0	29·2	44·9	30·9	47·3	32·4	46·2	31·6	47·3	37·0
23	35·9	31·0	36·6	31·0	36·2	31·2	35·8	33·8	36·0	35·9	36·8	36·8	36·7	31·0	37·0	32·9	36·5	33·1	36·8	36·8	37·9	37·9	38·2	38·2	39·2	34·7
24	34·7	34·7	35·0	35·0	32·0	32·0	30·1	29·9	30·3	30·3	29·0	29·0	29·0	29·1	29·3	29·3	29·2	29·2	29·8	30·0	30·2	30·2	29·3	29·5	37·0	29·0
25	37·2	37·2	37·1	37·1	37·2	37·2	35·3	35·3	33·1	33·1	34·5	34·5	34·7	34·7	33·6	33·6	32·7	32·7	32·9	32·9	33·8	33·8	33·6	33·6	37·2	30·8
26	31·7	31·7	32·0	32·0	32·0	32·0	32·7	32·3	32·8	32·8	34·7	34·6	34·7	34·7	34·4	34·4	34·7	34·7	35·1	35·1	32·7	32·7	33·0	33·0	41·1	31·7
27	41·0	41·0	39·1	39·1	36·4	36·4	35·7	35·7	36·3	36·3	34·0	34·0	33·3	33·3	35·0	35·0	32·9	32·9	32·2	32·2	32·0	32·0	31·7	32·0	41·0	27·8
28	27·0	27·0	26·6	26·6	26·0	26·0	26·3	26·3	26·1	26·1	26·2	26·2	26·3	26·3	26·3	26·3	26·8	26·9	27·4	27·4	28·0	28·5	28·0	28·3	28·9	26·0
29	28·1	28·1	28·7	28·7	28·8	28·8	29·1	29·1	28·2	28·2	28·3	28·3	29·1	29·1	28·1	28·1	28·3	28·3	29·4	29·4	30·0	30·1	30·2	30·6	30·2	27·2
30	28·0	28·0	27·7	27·7	27·1	27·1	27·0	27·0	27·2	27·2	27·3	27·3	27·0	27·0	27·7	27·7	28·6	28·7	29·1	29·1	28·7	28·7	28·9	28·9	29·1	27·0
MEAN.	34·5	33·8	34·2	33·6	33·9	33·3	33·8	33·3	33·6	33·2	33·6	33·2	33·6	32·9	33·7	33·1	33·9	33·3	34·4	34·0	34·7	34·2	34·7	34·1	38·1	31·2

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	37·0	37·0	37·7	37·7	37·4	37·4	37·0	37·0	36·7	36·7	34·2	34·2	35·0	35·0	33·8	33·8	33·3	33·3	32·3	32·3	32·2	32·2	32·0	32·0	35·0	35·0
2	31·8	31·8	31·6	31·8	32·0	32·0	31·8	32·0	32·0	32·0	31·2	32·0	31·1	31·2	31·0	31·0	31·0	31·0	31·0	31·0	31·1	31·1	31·8	31·8	31·6	31·8
3	32·0	32·0	32·1	32·1	32·2	32·2	32·0	32·0	32·2	32·2	32·3	32·2	32·0	32·0	31·9	31·9	31·9	32·0	31·9	32·0	31·1	31·7	31·2	31·2	31·0	31·0
4	30·9	31·0	31·3	31·8	31·8	31·9	31·9	31·9	31·3	31·5	31·0	30·0	31·0	28·7	32·0	29·5	30·1	28·3	33·0	29·0	36·5	30·7	35·8	32·7	30·8	30·0
5	37·0	37·0	37·5	37·5	38·1	38·1	38·8	38·8	38·8	38·8	39·2	39·2	39·7	39·7	39·8	39·8	40·4	40·4	40·5	40·5	40·6	40·6	41·0	41·0	36·2	36·1
6	39·0	39·0	39·0	39·0	40·5	40·0	39·9	39·5	37·6	36·8	37·2	36·9	36·0	36·0	36·8	36·8	36·2	36·2	36·4	36·4	37·0	37·0	37·0	37·0	37·7	37·6
7	31·8	31·9	31·9	31·9	32·0	32·0	32·1	32·0	32·3	32·0	32·2	32·0	32·0	32·0	32·0	32·0	31·9	32·0	31·9	32·0	31·7	31·9	31·7	31·8	33·8	33·8
8	37·0	37·1	37·0	36·9	37·1	37·0	37·7	37·6	36·2	36·0	35·6	35·4	34·9	34·8	34·3	33·7	34·8	32·6	36·8	30·1	39·0	37·2	41·9	41·8	34·6	34·1
9	37·2	37·2	36·4	36·4	37·2	37·2	38·2	38·2	37·9	37·9	38·8	38·8	40·8	40·8	40·9	40·9	41·2	41·2	39·2	39·2	37·8	37·8	37·4	37·4	39·6	39·6
10	34·4	34·4	33·4	33·0	33·8	33·8	34·5	34·5	33·3	33·3	32·9	32·9	32·6	32·6	31·8	31·8	32·1	32·1	33·0	33·0	33·1	33·1	33·2	33·2	33·8	33·8
11	36·9	36·9	36·8	36·8	37·1	37·1	36·3	36·3	36·5	36·5	35·9	35·9	36·5	36·5	36·2	36·2	36·2	36·2	35·7	35·7	35·4	35·4	35·0	35·0	35·6	35·6
12	38·3	38·3	38·4	38·4	39·8	39·8	41·0	41·0	41·2	41·2	41·5	41·5	41·6	41·6	42·1	42·1	41·5	41·5	41·1	41·1	41·6	41·6	40·3	40·3	38·6	38·6
13	33·6	33·6	33·0	33·0	33·7	33·6	34·0	34·0	33·3	33·3	32·0	32·0	31·5	31·5	31·7	31·7	32·0	32·0	31·9	31·9	32·8	32·8	33·0	33·0	35·6	35·6
14	35·0	35·0	35·7	35·7	35·2	35·2	36·8	36·8	37·7	37·7	38·0	38·0	37·1	37·1	37·5	37·5	38·0	38·0	38·2	38·2	39·0	39·0	37·8	37·8	35·3	35·3
15	37·0	37·0	37·6	37·6	38·0	38·0	37·9	37·9	37·8	37·8	38·0	38·0	38·7	38·7	39·0	39·0	39·0	39·0	38·6	38·6	38·8	38·8	38·4	38·4	38·0	38·0
16	33·9	33·9	33·4	33·4	33·2	33·2	32·6	32·6	34·0	34·0	35·1	35·1	34·1	34·1	34·8	34·8	31·8	31·8	30·6	31·0	29·7	29·7	28·8	28·8	34·5	34·5
17	32·1	32·0	32·1	32·0	32·6	32·4	32·8	32·8	33·7	33·7	34·0	34·0	34·7	34·7	34·9	34·9	35·1	35·1	36·0	36·0	36·3	36·3	36·9	36·9	30·9	30·9
18	43·1	43·1	43·0	43·0	42·1	42·1	41·0	41·0	40·3	40·3	40·6	40·6	40·0	40·0	39·0	39·0	39·0	39·0	38·3	33·3	37·9	37·9	38·0	38·0	40·0	40·0
19	37·0	37·0	35·9	35·9	34·8	34·8	33·2	33·2	32·4	32·4	31·8	31·8	31·3	31·3	30·9	30·9	30·7	30·7	31·2	31·9	31·0	31·5	31·7	31·8	34·9	34·9
20	32·0	32·0	32·1	32·0	32·2	32·0	32·1	32·1	31·9	31·9	31·1	31·8	30·1	30·3	29·3	29·5	28·0	28·1	31·0	29·8	31·0	29·8	32·0	31·0	30·8	30·7
21	42·3	36·9	43·9	39·3	44·3	39·6	42·2	33·2	41·0	31·9	38·1	34·9	37·5	34·8	39·1	36·6	42·1	35·8	38·0	32·2	39·0	31·0	40·3	28·8	37·4	33·6
22	46·7	32·7	46·4	33·1	44·7	31·8	44·0	31·0	43·8	31·0	39·7	29·9	39·0	29·0	39·0	28·5	38·7	28·2	38·6	27·8	39·0	27·7	37·8	28·8	41·3	29·4
23	38·3	38·3	38·4	38·4	38·9	38·9	39·0	39·0	39·2	39·2	39·1	39·1	39·2	39·2	39·2	39·2	39·0	39·0	38·4	38·4	35·3	35·3	34·7	34·7	37·5	36·2
24	30·1	30·1	31·1	31·1	31·4	31·4	31·5	31·5	32·0	31·9	32·2	32·0	33·1	33·1	33·8	33·8	34·9	34·9	35·9	35·9	36·4	36·4	37·0	37·0	32·0	32·0
25	32·0	32·0	32·1	32·1	32·0	32·0	32·0	32·0	31·9	32·0	31·6	31·9	31·2	31·8	31·0	31·2	31·0	31·0	31·0	31·0	30·8	30·8	31·0	31·0	33·1	33·1
26	36·8	36·8	37·1	37·1	38·1	38·1	38·6	38·6	39·0	39·0	39·6	39·6	39·8	39·8	40·2	40·2	40·2	40·2	41·0	41·0	41·0	41·0	41·1	41·1	36·4	36·4
27	31·0	31·2	30·4	30·4	31·2	31·2	31·3	31·3	31·0	31·0	31·0	31·0	30·0	30·9	29·9	29·9	29·7	29·7	28·9	28·9	28·0	28·0	27·8	27·8	32·5	32·5
28	28·9	28·9	28·6	28·9	27·8	28·0	27·6	27·7	27·2	27·3	27·4	27·4	26·2	26·2	27·0	27·0	27·8	27·8	27·9	27·9	27·9	27·9	27·8	27·8	27·2	27·3
29	29·5	29·9	29·3	29·3	29·0	29·2	28·9	28·9	28·7	28·7	28·1	28·1	27·8	27·8	27·8	27·8	27·2	27·2	27·8	27·8	27·8	27·8	28·0	28·0	28·6	28·6
30	28·7	28·9	29·0	29·0	28·9	28·9	29·1	29·3	28·5	28·5	28·1	28·1	28·0	28·0	28·0	28·0	28·0	28·0	28·0	28·0	27·8	27·8	27·9	27·9	28·1	28·1
MEAN.	35·0	34·4	35·1	34·5	35·2	34·6	35·2	34·5	35·0	34·2	34·6	34·1	34·4	34·0	34·5	34·0	34·4	33·7	34·5	33·6	34·6	33·7	34·6	33·8	34·4	33·8

TEMPERATURE. DRY AND WET BULBS. SEPTEMBER 1892.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	50·8	48·1	49·2	46·4	49·2	46·3	49·5	46·9	49·7	47·3	49·2	48·0	50·0	47·9	49·1	48·0	49·2	48·3	51·1	50·6	54·0	51·0	54·0	51·7	57·0	48·5
2	47·1	45·3	46·3	44·4	48·1	46·1	49·0	47·7	48·4	47·2	48·6	46·2	49·2	47·0	48·7	46·7	53·0	49·3	49·1	46·4	50·1	46·9	47·9	44·7	56·1	45·8
3	49·0	46·6	48·8	45·0	47·8	44·0	46·9	42·9	47·7	43·1	47·7	43·4	47·2	43·5	47·9	44·4	49·7	46·0	49·5	46·7	51·1	48·2	54·0	47·5	54·3	45·7
4	49·2	44·5	48·6	44·9	48·7	44·1	48·0	43·7	48·0	44·0	46·3	43·4	48·3	44·3	48·7	43·7	49·5	44·9	50·0	44·9	51·0	45·8	51·3	45·4	57·0	44·3
5	46·9	43·6	47·2	43·5	47·0	44·3	47·2	44·3	48·0	44·7	47·8	45·1	49·2	46·2	50·0	47·1	51·2	47·8	51·1	48·3	51·3	49·2	50·9	50·0	55·6	46·0
6	54·4	54·0	54·9	52·5	54·0	51·5	52·7	50·7	52·6	51·4	52·1	50·8	52·0	50·7	54·5	52·5	55·0	52·4	55·4	53·5	56·1	54·0	57·7	54·9	**60·0**	50·8
7	51·5	49·7	51·5	49·5	51·1	49·2	50·9	49·4	53·1	50·3	54·0	50·0	53·9	51·1	54·0	51·4	54·1	51·5	50·4	48·4	50·4	47·7	51·0	47·0	56·3	44·7
8	45·8	44·7	44·4	43·0	45·0	43·4	45·6	44·3	46·3	45·1	44·3	43·2	46·2	45·0	48·0	46·6	51·7	49·1	53·1	50·3	53·9	50·2	55·0	50·5	59·1	43·9
9	52·4	49·1	52·5	49·7	52·0	50·0	51·9	50·4	51·4	50·7	51·7	51·0	52·0	51·4	52·6	52·0	53·4	52·9	55·4	52·5	55·4	51·0	57·1	51·8	58·2	51·3
10	52·4	49·3	52·7	49·7	51·5	47·9	49·6	47·2	51·2	48·2	51·7	48·5	52·0	48·5	53·0	49·1	53·0	49·2	53·8	49·0	54·1	49·1	55·3	49·0	57·6	49·2
11	49·9	48·3	50·1	48·3	50·5	49·0	50·1	49·2	50·0	49·0	50·9	48·8	51·3	50·1	52·0	50·6	52·5	50·7	52·0	51·3	52·9	52·0	55·5	53·0	57·4	49·3
12	51·7	49·4	51·8	49·7	51·8	50·0	51·6	50·1	52·2	50·7	52·2	50·7	52·0	51·2	52·0	51·4	52·5	50·3	52·9	51·3	52·0	51·1	53·1	52·2	53·2	49·8
13	49·9	49·2	50·0	49·3	49·8	49·1	49·9	49·2	49·7	49·2	49·8	49·4	49·9	49·2	50·0	49·3	50·9	49·7	52·3	49·0	54·0	48·2	54·4	47·8	57·2	45·6
14	49·8	47·7	49·0	47·3	49·4	48·4	49·2	47·8	49·4	47·6	50·1	47·9	49·9	48·0	51·0	48·4	50·8	49·2	51·9	50·0	52·2	50·9	52·1	50·7	53·9	48·4
15	52·2	51·8	53·0	52·3	54·0	52·5	54·4	52·5	53·9	52·4	54·0	52·1	53·9	52·4	56·0	52·9	55·9	52·9	54·6	53·1	54·6	52·7	55·4	52·8	57·7	51·6
16	55·0	52·3	56·0	52·7	56·2	52·9	53·2	50·8	52·3	47·3	52·2	47·2	51·1	47·5	51·9	47·2	51·6	47·6	51·3	48·0	53·8	49·9	51·6	49·0	57·0	46·8
17	46·9	41·1	45·9	40·7	45·9	40·6	45·2	41·1	42·3	40·0	42·8	39·6	43·0	40·0	45·1	41·7	48·4	44·7	49·4	45·0	51·2	47·0	50·9	48·0	53·3	41·5
18	51·5	50·0	51·7	50·3	52·3	51·0	52·0	51·0	52·6	51·7	52·6	51·9	53·1	52·3	53·5	52·6	53·7	52·5	53·3	52·9	53·5	53·0	55·8	54·9	56·4	51·0
19	52·8	51·8	53·1	51·4	54·0	51·8	53·3	52·0	53·9	51·4	53·9	50·7	54·2	50·6	54·1	50·9	53·6	51·2	53·9	50·8	55·9	51·6	55·4	51·2	56·0	46·4
20	46·6	42·6	46·7	43·1	46·7	43·0	46·2	42·2	47·0	42·8	46·1	42·2	45·9	42·6	47·2	43·5	48·7	44·7	50·7	45·4	51·7	46·0	53·0	47·3	55·2	41·6
21	40·7	38·3	39·1	37·2	37·2	35·7	36·5	35·1	34·9	33·7	35·2	33·6	35·2	33·8	37·3	35·5	41·3	39·0	44·3	41·4	48·0	44·1	50·9	46·2	59·4	**34·7**
22	41·7	40·0	41·3	39·7	40·0	38·8	39·0	37·8	38·8	37·6	38·2	37·1	37·8	36·6	39·9	38·1	41·9	40·0	45·2	42·0	48·8	43·5	50·9	46·2	56·4	37·8
23	40·3	39·0	40·1	38·4	39·3	38·0	39·2	38·0	38·1	37·2	39·0	37·9	39·2	38·0	43·5	42·0	46·1	44·1	48·6	46·0	48·9	46·9	48·1	47·7	57·0	38·1
24	51·6	49·7	51·0	49·5	48·0	45·9	47·6	44·9	47·0	44·8	45·4	43·1	47·1	44·3	46·0	43·7	47·1	43·9	47·1	45·0	50·0	45·8	48·3	44·8	52·1	44·5
25	52·2	51·2	52·7	51·2	52·2	51·3	52·1	49·3	50·7	48·1	50·9	48·6	53·2	49·3	52·0	48·2	51·0	47·8	51·0	47·7	52·1	49·2	53·1	47·3	53·8	46·0
26	48·6	45·9	49·0	46·1	49·1	47·0	49·0	47·9	50·3	47·3	50·1	49·2	51·1	50·2	51·0	49·8	52·1	49·7	53·0	50·0	53·6	49·0	51·7	48·4	57·5	46·9
27	55·7	53·7	54·0	52·8	51·0	49·2	50·3	49·0	49·9	48·7	49·1	48·5	49·1	48·0	49·2	48·7	48·1	47·2	49·7	47·7	50·0	47·6	50·3	47·0	55·9	44·0
28	46·1	42·2	45·7	41·3	44·2	41·0	45·1	41·3	44·1	41·2	43·0	41·2	42·3	40·8	43·5	41·2	45·1	41·5	45·6	42·4	45·7	42·2	46·9	42·9	49·0	41·2
29	44·9	43·1	45·1	43·2	45·6	43·6	45·5	43·8	45·3	43·2	44·6	43·0	45·1	43·7	44·9	42·9	45·0	43·2	46·7	45·1	47·8	44·9	48·3	45·3	48·9	41·7
30	42·2	41·1	42·2	41·2	42·3	41·2	41·8	40·1	41·4	40·2	42·1	40·8	41·0	39·8	40·3	39·3	42·0	40·6	44·8	42·6	46·2	43·6	47·1	44·1	50·0	40·1
MEAN.	49·0	46·8	48·8	46·5	48·5	46·2	48·1	46·0	48·0	45·9	47·9	45·8	48·2	46·1	48·9	46·6	49·9	47·4	50·6	47·9	51·7	48·4	52·2	48·6	55·6	45·2

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	54·6	51·6	54·4	52·1	55·2	52·6	54·2	51·7	55·1	50·4	52·4	48·4	52·3	49·9	51·1	48·2	49·9	47·7	48·7	46·4	48·9	46·4	49·0	47·3	51·3	48·9
2	51·2	47·1	51·6	47·3	53·7	48·3	53·4	48·9	56·0	50·3	50·7	47·2	48·9	45·5	47·7	44·7	45·8	43·6	47·1	44·5	49·0	45·7	47·9	45·7	49·5	46·5
3	54·0	48·5	52·8	48·1	53·9	47·4	52·9	47·6	53·7	47·0	53·5	47·1	52·9	46·8	50·8	46·0	51·2	45·8	51·2	45·9	51·4	45·5	49·7	45·3	50·6	45·9
4	51·5	44·9	52·0	45·3	56·7	49·3	52·4	45·8	52·7	46·3	52·1	45·6	47·2	43·5	45·7	42·4	45·0	41·9	45·0	42·0	46·7	43·3	46·3	43·3	49·2	44·5
5	54·0	51·4	54·9	52·2	55·3	52·8	54·4	52·8	53·4	52·7	53·8	52·8	54·0	52·8	53·4	52·8	53·2	52·7	53·7	52·9	53·8	53·1	53·6	53·2	51·5	49·4
6	57·0	53·3	58·0	53·6	59·8	54·1	59·4	53·3	57·6	51·9	56·2	51·8	53·0	49·9	52·3	49·6	51·8	49·2	52·4	49·8	51·7	49·8	50·8	49·0	54·6	51·8
7	52·5	47·9	52·1	48·3	53·1	49·2	53·8	49·3	55·8	49·5	55·2	49·0	48·7	45·4	49·1	46·2	47·1	44·3	46·7	45·0	46·2	44·0	45·5	43·4	51·3	48·2
8	56·4	51·4	56·8	50·1	58·7	52·2	57·9	51·4	56·4	50·0	55·0	49·7	53·7	48·3	53·1	47·7	52·8	48·1	52·7	48·4	52·4	48·5	52·4	49·0	51·6	47·9
9	57·4	52·2	57·4	51·7	58·1	52·4	56·9	53·0	56·3	51·8	55·3	52·7	54·4	52·6	53·9	53·1	54·0	53·7	55·0	52·5	54·7	51·6	53·5	50·7	54·4	51·7
10	55·2	48·9	55·8	48·6	55·4	49·3	55·5	49·0	57·0	49·1	54·3	48·0	50·8	46·3	50·0	46·9	50·1	46·6	50·9	47·3	49·8	47·7	50·3	47·9	52·7	48·3
11	57·3	52·9	56·6	53·1	55·4	52·9	53·3	51·9	52·9	51·7	53·8	50·6	52·3	50·4	52·4	51·0	52·1	50·5	51·3	49·8	51·8	49·7	51·5	49·9	52·4	50·6
12	52·5	51·7	51·2	50·7	51·4	50·9	51·4	50·7	51·3	50·7	51·1	50·6	51·0	50·2	50·9	50·1	51·0	50·1	50·8	50·0	50·3	49·6	49·9	49·2	51·6	50·5
13	55·6	47·3	55·2	46·9	55·7	48·9	56·3	49·7	56·9	49·6	54·0	47·7	49·0	45·4	47·1	44·3	46·9	44·0	47·0	44·2	47·5	45·3	48·1	46·4	51·2	47·8
14	52·1	50·8	52·2	50·5	51·6	50·0	52·1	50·6	52·2	51·2	52·5	51·7	53·4	51·9	53·0	52·2	53·5	52·3	53·3	52·3	53·8	52·7	52·4	50·9	51·5	50·0
15	56·3	51·4	57·4	52·3	56·2	52·4	55·7	51·4	55·7	51·8	56·7	51·9	55·1	52·2	55·2	52·6	55·3	52·6	56·3	51·8	55·7	52·1	55·5	51·7	55·1	52·3
16	49·9	48·3	50·6	48·3	50·0	47·9	48·9	47·1	50·0	48·2	50·8	49·3	50·1	48·2	51·3	48·3	48·9	45·8	48·1	44·8	47·9	44·1	46·9	42·7	51·2	48·1
17	50·3	47·7	51·0	47·8	50·9	47·6	50·4	47·5	50·9	48·1	51·4	48·4	53·0	48·5	51·7	49·2	51·7	49·2	51·0	49·2	50·8	49·2	50·9	49·4	48·8	45·5
18	56·0	55·3	55·8	55·1	55·3	53·9	54·9	52·8	54·0	52·7	53·7	51·9	52·9	51·9	52·6	51·7	52·5	52·0	52·8	51·8	52·7	51·2	52·6	51·7	53·4	52·3
19	54·0	50·6	53·1	49·3	53·2	48·3	52·7	47·3	51·9	46·9	50·9	45·6	49·7	46·1	49·3	45·4	48·0	44·8	47·2	43·6	46·8	43·4	46·4	43·1	52·1	48·7
20	53·6	47·4	53·6	46·8	54·9	48·4	54·8	48·3	53·1	46·8	52·1	45·7	50·9	44·9	47·3	43·4	47·2	43·7	45·9	41·8	43·3	40·4	41·6	39·3	49·0	44·3
21	53·4	47·8	55·8	49·2	58·6	50·9	59·0	50·7	57·8	52·1	53·5	49·2	50·2	47·1	48·4	45·8	45·3	43·7	43·8	42·3	43·7	42·0	42·2	40·6	45·5	42·3
22	52·1	47·1	53·7	47·7	55·4	49·2	56·1	49·3	55·9	49·0	51·7	47·0	50·0	45·8	46·9	43·0	43·1	41·4	42·2	40·0	40·8	39·2	42·1	39·9	45·6	42·3
23	50·0	49·2	49·8	49·0	53·1	51·2	55·5	52·1	56·3	52·3	56·7	52·2	56·1	52·7	53·3	52·4	53·9	52·6	54·0	52·5	51·7	49·1	51·9	49·0	48·0	46·1
24	50·0	46·0	50·3	46·7	51·9	46·8	49·8	46·9	49·2	47·3	49·2	48·0	50·3	48·6	51·2	48·6	51·0	49·8	51·0	50·2	51·7	50·8	52·1	51·1	49·3	46·9
25	52·8	48·3	51·2	47·3	52·8	47·0	51·1	47·7	50·3	46·8	48·8	46·1	48·2	45·8	47·8	45·6	49·2	45·7	46·4	43·4	47·9	44·5	46·7	44·0	50·7	47·6
26	52·7	50·1	51·7	50·2	55·2	51·9	54·6	52·0	55·2	52·3	56·7	52·9	56·7	53·2	56·6	53·7	56·8	53·4	56·4	53·8	56·3	53·9	55·9	53·8	53·1	50·5
27	51·9	47·0	47·2	44·8	49·4	46·0	49·9	45·9	44·0	42·7	47·0	45·7	46·9	44·4	46·2	44·6	46·4	44·3	46·5	43·7	44·7	42·6	46·2	42·4	48·9	46·8
28	48·8	44·2	46·0	43·7	45·4	42·9	44·9	42·8	45·0	42·8	45·4	42·5	42·7	40·5	43·2	41·4	44·8	42·6	43·9	42·1	44·8	43·3	44·8	42·5	44·9	42·1
29	47·9	45·0	46·6	44·9	46·9	44·0	46·9	44·0	46·0	44·0	44·7	43·0	43·8	41·9	43·4	42·2	41·9	40·6	43·2	41·9	42·6	41·5	41·7	40·8	45·2	43·3
30	47·3	44·2	48·3	45·3	48·6	44·9	49·1	45·3	47·4	44·3	45·9	43·6	45·3	42·9	44·8	42·9	45·0	42·8	45·0	42·2	44·7	42·4	42·8	40·8	44·5	42·3
MEAN.	52·9	49·0	52·8	48·9	53·7	49·5	53·3	49·2	53·0	49·0	52·2	48·5	50·8	47·5	50·0	47·5	49·5	47·2	49·3	46·9	49·1	46·8	48·7	46·5	50·3	47·4

TEMPERATURE. DRY AND WET BULBS. OCTOBER 1892.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	27·9	27·9	27·8	27·8	27·6	27·7	28·0	28·0	27·8	27·8	27·8	27·8	28·0	28·0	28·0	28·0	28·5	28·6	30·1	30·3	29·0	29·0	29·3	29·3	30·1	27·6
2	29·0	29·0	29·0	29·0	29·0	28·9	28·9	28·9	29·0	28·9	29·7	29·7	29·8	29·8	30·6	30·6	31·0	31·1	31·8	31·9	31·1	31·1	31·0	31·0	31·8	28·9
3	31·0	31·0	30·8	30·8	30·0	30·0	28·5	28·4	29·2	29·2	29·7	29·6	29·9	29·8	29·6	29·4	30·4	30·2	31·4	31·4	32·3	32·0	32·4	32·0	35·2	28·5
4	34·7	34·7	35·0	35·0	36·0	36·0	35·7	35·7	35·8	35·8	35·3	35·3	35·5	35·5	35·9	35·9	35·9	35·9	36·3	36·3	36·2	36·2	35·9	35·9	36·3	31·5
5	31·8	32·0	31·8	31·8	30·7	31·2	30·4	30·5	30·0	30·0	30·0	30·0	30·1	30·0	30·1	30·1	30·9	30·3	30·5	30·5	30·5	30·5	30·1	30·2	32·0	29·3
6	31·0	31·0	30·9	30·9	31·0	31·0	31·2	31·2	31·0	31·0	31·0	31·0	31·0	31·0	31·8	31·8	32·0	32·0	32·0	32·0	32·0	32·0	32·0	32·0	32·1	30·0
7	30·0	30·0	29·7	29·7	30·0	30·0	30·4	30·4	30·9	30·9	30·8	30·8	30·1	30·1	30·0	30·0	30·4	30·4	31·0	31·0	31·5	31·6	31·7	31·7	31·7	26·7
8	26·0	26·0	25·0	25·0	24·1	24·1	24·0	24·0	23·8	23·9	24·0	24·0	24·1	24·1	24·5	24·7	24·8	24·9	25·1	25·3	24·1	24·1	25·4	25·6	32·0	23·8
9	32·0	32·0	31·8	31·8	29·0	29·0	26·9	26·9	27·0	27·0	27·7	27·7	27·8	27·8	27·6	27·6	28·6	28·6	28·7	28·7	28·7	28·7	27·4	27·5	32·0	26·9
10	29·3	29·3	28·5	28·5	27·2	27·2	27·0	27·0	26·4	26·6	26·4	26·6	26·5	26·5	26·7	26·7	27·1	27·1	27·6	27·6	27·7	27·8	28·1	28·2	29·3	26·4
11	27·3	27·3	27·8	27·8	28·1	28·1	28·7	28·7	27·8	27·8	28·2	28·3	28·3	28·3	29·0	29·0	29·2	29·2	30·4	30·4	30·7	30·7	30·3	30·3	30·7	24·3
12	23·8	23·8	23·1	23·1	23·1	23·2	23·6	23·6	23·2	23·1	23·0	22·8	23·7	23·0	26·1	24·0	27·7	24·0	29·4	26·0	28·8	27·8	28·8	28·5	29·4	23·0
13	28·6	28·6	28·7	28·7	28·8	28·8	28·5	28·5	28·6	28·6	28·2	28·1	27·6	27·3	28·0	27·8	27·8	27·8	28·2	28·1	28·3	28·2	28·7	28·7	30·1	27·6
14	29·9	29·9	29·9	29·9	30·0	29·8	30·6	30·1	30·6	30·3	30·8	30·7	31·0	30·8	30·5	30·3	30·0	29·9	30·4	30·4	30·2	29·9	30·8	30·6	31·7	29·0
15	29·5	29·2	29·3	28·9	31·2	31·1	32·2	31·8	31·0	31·0	30·7	30·7	30·0	29·8	28·6	27·8	28·6	26·9	26·4	26·4	26·3	26·3	27·4	26·9	32·2	24·5
16	27·2	27·0	28·4	25·1	23·8	23·9	23·3	23·3	24·6	24·5	25·1	25·0	23·7	23·7	24·2	24·2	22·2	22·2	22·3	22·3	22·7	22·7	23·9	24·0	28·4	20·6
17	20·0	20·0	20·4	20·4	20·1	20·1	20·1	20·1	20·1	20·1	20·0	19·8	20·2	20·2	20·4	20·4	20·3	20·3	20·8	20·8	21·3	21·3	22·0	22·0	22·7	20·0
18	20·9	20·9	20·7	20·5	21·1	21·0	21·2	21·0	21·2	20·4	21·9	20·6	21·7	20·8	22·3	21·7	23·7	22·6	24·4	23·0	24·4	22·7	25·8	23·2	29·0	20·7
19	27·6	27·6	27·1	27·1	27·1	27·1	28·1	28·1	29·1	29·1	30·0	30·0	29·8	29·7	30·6	30·5	29·1	29·0	28·7	28·7	28·5	28·5	28·9	28·9	30·6	25·0
20	27·0	27·0	27·0	27·0	27·2	27·2	27·8	27·7	27·6	27·6	27·8	27·7	27·9	27·8	28·2	28·0	28·0	27·9	28·6	28·5	28·3	28·3	28·8	28·8	29·0	25·0
21	25·1	25·1	24·0	24·0	23·0	23·0	22·2	22·2	21·1	21·1	21·6	21·6	21·8	21·8	22·1	22·1	22·1	22·1	22·8	22·9	22·8	22·9	23·3	23·3	25·1	20·4
22	19·2	19·2	19·3	19·3	19·2	19·3	19·0	19·0	18·9	19·0	18·8	18·9	18·7	18·8	19·2	19·2	19·2	19·2	20·5	20·5	21·2	21·2	20·7	20·7	21·2	17·8
23	20·7	20·7	20·6	20·6	20·7	20·7	20·6	20·6	20·5	20·5	20·2	20·2	18·8	18·9	18·8	18·9	18·5	18·6	19·4	19·4	20·3	20·3	20·8	20·8	22·4	18·5
24	19·2	19·2	18·1	18·1	18·0	18·0	18·4	18·4	18·1	18·2	18·1	18·2	18·2	18·2	18·7	18·7	19·1	19·1	19·1	19·1	19·2	19·9	20·4	21·0	21·7	**16·2**
25	18·0	16·2	17·3	16·4	17·0	16·2	17·3	16·4	17·5	15·8	16·4	16·0	17·4	16·1	17·1	16·4	18·8	17·6	18·9	18·2	21·6	19·9	20·5	20·0	21·6	16·4
26	20·7	20·9	22·1	21·9	22·9	22·1	21·2	20·8	20·1	20·1	21·8	21·8	21·9	20·4	22·8	20·4	22·2	20·8	21·9	21·0	21·4	21·4	21·2	21·4	22·9	20·1
27	23·0	23·0	23·2	23·2	23·2	23·2	24·1	24·2	25·3	25·3	25·4	25·4	25·2	25·2	25·9	25·9	27·5	27·5	29·2	29·2	31·4	31·5	33·9	32·7	36·9	23·0
28	35·4	35·4	37·5	37·5	37·0	37·0	38·2	38·2	37·7	37·7	37·2	37·2	37·0	37·0	36·7	36·7	36·2	36·2	36·0	36·0	36·5	36·5	36·3	36·3	**38·2**	35·4
29	37·2	37·2	37·6	37·6	37·3	37·3	37·1	37·1	37·2	37·2	37·3	37·3	36·1	36·1	36·2	36·2	37·0	37·0	37·2	37·2	37·2	37·2	36·8	36·8	37·6	27·0
30	26·7	26·7	26·9	26·9	26·3	26·5	27·0	27·0	27·5	27·5	27·8	27·8	27·9	27·9	27·9	27·9	28·0	28·0	28·8	28·8	28·7	28·8	28·8	29·1	29·1	26·3
31	28·6	28·6	27·0	27·0	27·0	27·0	26·7	26·6	25·7	25·7	25·2	25·2	24·6	24·6	24·6	24·6	25·0	25·3	26·3	26·9	26·4	26·9	27·6	28·0	28·6	24·3
MEAN.	27·0	27·0	27·0	26·8	26·7	26·6	26·7	26·6	26·6	26·5	26·7	26·6	26·6	26·4	26·9	26·6	27·1	26·8	27·6	27·4	27·7	27·6	28·0	27·9	29·7	24·7

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	29·0	29·0	29·0	29·0	28·5	28·5	28·1	28·0	28·9	28·9	29·0	29·0	27·9	27·9	28·9	28·9	29·0	29·0	29·0	29·0	29·0	29·0	28·7	28·7	28·5	28·5
2	30·2	30·2	30·0	30·0	30·2	30·2	30·3	30·1	30·0	30·0	29·8	29·8	30·4	30·4	30·3	30·3	30·5	30·5	30·0	30·0	30·0	30·0	30·5	30·5	30·1	30·1
3	32·7	32·7	33·1	33·1	33·3	33·3	33·3	33·3	33·2	33·2	33·6	33·6	34·0	34·0	34·0	34·0	34·7	34·7	34·9	34·9	35·2	35·2	33·9	33·9	32·1	32·1
4	35·3	35·3	34·0	34·0	34·0	34·0	33·3	32·6	33·3	32·9	33·2	32·9	33·1	32·9	32·9	32·9	32·1	31·9	32·0	31·9	31·5	31·1	31·7	31·7	34·4	34·3
5	29·8	29·8	29·3	29·3	30·2	30·2	30·1	30·1	30·2	30·2	30·5	30·5	30·8	30·8	31·5	31·5	31·0	31·0	32·0	32·0	31·8	31·8	31·9	31·9	30·7	30·7
6	32·1	32·0	32·0	32·0	32·0	32·0	31·8	31·9	31·8	32·0	31·6	31·6	31·1	31·1	30·9	30·9	30·1	30·1	30·0	30·0	30·0	30·0	30·0	30·0	31·3	31·3
7	31·2	31·2	31·1	31·1	31·0	31·0	30·5	30·5	30·1	30·1	29·8	29·8	29·7	29·7	29·1	29·1	28·9	28·9	28·1	28·1	27·1	27·1	26·7	26·8	30·0	30·0
8	25·7	25·8	26·1	26·1	25·0	25·0	24·8	24·8	24·2	24·2	24·4	24·4	26·0	26·0	26·9	26·9	28·3	28·3	31·0	31·0	32·0	32·0	32·0	32·0	25·9	26·0
9	27·0	27·0	27·1	27·1	28·0	28·0	28·8	28·8	29·6	29·6	30·2	30·2	30·5	30·5	31·6	31·6	31·1	31·1	31·0	31·0	30·6	30·6	30·1	30·1	29·1	29·1
10	28·2	28·3	28·0	28·0	28·0	28·1	27·3	27·5	27·2	27·1	27·1	27·1	27·1	27·1	27·2	27·2	27·3	27·3	27·1	27·1	27·0	27·0	27·1	27·1	27·4	27·4
11	30·3	30·3	30·1	30·1	30·0	30·1	28·8	29·0	28·8	28·8	28·2	28·3	28·0	28·0	27·8	27·8	27·0	27·0	26·0	26·0	25·3	25·3	24·3	24·4	28·4	28·4
12	29·4	28·8	29·1	28·9	29·0	29·0	29·1	29·0	28·9	28·8	29·3	28·9	28·9	28·9	28·7	28·7	28·3	28·3	28·0	28·0	27·2	27·2	28·0	28·0	27·0	26·5
13	29·1	29·1	29·7	29·7	29·8	29·8	30·1	30·0	29·8	29·7	29·7	29·6	30·0	29·9	29·9	29·9	30·0	30·0	30·0	30·0	30·0	29·8	30·0	29·8	29·1	29·0
14	31·5	31·2	31·7	31·6	31·6	31·2	30·8	30·2	30·8	29·5	31·3	28·9	29·9	29·0	30·3	28·4	29·1	28·4	30·2	28·0	30·2	28·6	29·0	28·8	30·5	29·8
15	27·6	27·6	27·8	27·8	27·0	27·0	26·7	26·6	26·8	26·7	25·8	25·7	25·0	25·0	25·3	25·3	25·1	25·1	25·1	25·1	25·0	25·0	24·5	24·5	27·6	27·4
16	23·0	22·9	21·9	21·9	21·9	21·9	21·3	21·3	21·0	21·0	20·6	20·6	20·8	20·8	20·8	20·8	21·0	21·0	21·2	21·2	21·6	21·6	20·8	20·8	22·8	22·7
17	22·2	22·2	22·7	22·7	22·1	22·1	22·4	22·4	22·0	22·0	22·2	22·2	22·0	22·0	21·9	21·9	21·8	21·8	21·0	21·0	21·0	21·0	21·0	21·0	21·2	21·2
18	28·0	23·2	29·0	23·7	28·1	24·0	23·8	23·8	23·6	23·0	23·7	23·2	22·0	22·1	22·9	22·9	23·0	23·0	25·0	25·0	25·3	25·3	26·7	26·7	23·8	22·7
19	28·9	28·9	29·6	29·6	29·0	29·0	29·1	29·1	27·9	27·9	26·4	26·4	26·0	26·0	25·8	25·8	25·0	25·0	25·8	25·8	26·6	26·6	26·9	26·9	28·0	28·0
20	29·0	29·0	27·2	27·2	26·7	26·7	26·7	26·7	25·4	25·3	25·8	25·8	25·0	25·0	25·0	25·0	25·0	25·0	25·9	25·9	26·0	26·0	26·0	26·0	27·0	27·0
21	23·6	23·6	23·8	23·8	23·1	23·1	23·0	23·0	23·4	23·3	23·5	23·5	22·8	22·8	22·1	22·1	22·5	22·5	23·0	23·0	21·2	21·2	20·4	20·4	22·7	22·7
22	20·9	21·0	20·1	20·1	19·3	19·3	19·0	19·0	18·0	18·1	17·8	17·9	18·0	18·0	18·8	18·8	19·3	19·3	19·8	19·8	20·2	20·2	20·2	20·2	19·4	19·4
23	20·8	20·8	21·8	21·6	20·9	20·9	21·2	21·1	21·3	21·3	21·5	21·5	22·0	22·0	22·3	22·3	22·4	22·4	22·0	22·0	21·1	21·1	20·3	20·3	20·7	20·7
24	19·2	19·7	21·7	21·7	21·7	21·7	19·1	19·0	17·8	17·5	18·0	18·0	17·2	17·0	16·2	16·3	16·5	16·5	16·4	16·5	17·0	16·4	17·2	16·1	18·4	18·4
25	20·9	19·4	20·9	19·9	19·6	19·1	18·2	18·6	18·0	18·3	17·5	17·5	17·4	17·3	18·0	18·1	18·2	18·1	18·7	18·5	18·9	19·1	20·2	20·1	18·5	17·9
26	21·3	20·6	22·1	21·6	21·1	21·1	21·4	21·4	21·2	21·2	21·4	21·4	21·3	21·3	21·5	21·5	22·9	22·9	22·1	22·1	22·1	22·1	22·9	22·9	21·7	21·4
27	34·8	34·8	35·3	35·3	35·5	35·5	35·8	35·8	35·0	35·0	34·5	34·5	35·1	35·1	36·9	36·9	35·8	35·8	36·0	36·0	34·7	34·7	35·8	35·8	30·9	30·9
28	37·0	37·0	37·0	37·0	36·5	36·5	36·7	36·7	36·9	36·9	37·1	37·1	37·6	37·6	37·6	37·6	37·1	37·1	36·7	36·7	37·0	37·0	37·3	37·3	36·9	36·9
29	37·0	37·0	35·6	35·6	34·0	34·0	33·3	33·3	32·4	32·4	31·3	31·9	29·5	29·5	29·1	29·1	28·3	28·3	28·3	28·3	28·2	28·2	27·0	27·0	34·1	34·1
30	29·1	29·1	29·1	29·1	28·1	28·3	28·2	28·2	28·0	28·0	27·6	27·6	27·0	27·0	28·2	28·2	28·6	28·6	28·6	28·6	28·3	28·3	28·5	28·5	28·0	28·0
31	27·7	28·0	26·6	26·9	26·6	27·0	25·9	26·1	24·7	24·8	25·0	25·0	25·1	25·1	24·3	24·3	24·5	24·5	24·9	24·9	25·1	25·1	25·0	25·0	25·8	26·0
MEAN.	28·1	27·9	28·1	27·9	27·8	27·7	27·4	27·4	27·1	27·0	27·0	26·9	26·8	26·8	27·0	26·9	26·9	26·9	27·1	27·0	27·0	26·9	26·9	26·9	27·2	27·1

TEMPERATURE. DRY AND WET BULBS. OCTOBER 1892.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	41·7	40·0	43·0	41·2	43·2	41·4	44·0	42·1	43·9	42·2	43·0	42·1	43·1	41·4	43·1	42·0	42·7	41·6	44·9	42·2	46·2	43·2	45·8	43·2	48·1	41·7
2	43·3	40·9	42·2	40·2	41·8	39·7	42·3	40·2	42·0	40·2	42·3	40·7	43·3	41·8	46·1	44·1	46·0	44·7	47·1	45·2	47·9	45·9	47·2	46·1	48·0	38·8
3	40·0	39·3	40·0	39·2	40·4	39·7	40·0	39·1	37·7	37·2	39·2	38·7	40·9	40·1	41·0	40·1	44·0	42·8	45·2	43·8	45·7	44·0	46·6	44·8	51·1	37·6
4	47·8	47·3	48·9	48·5	48·3	48·1	48·7	48·3	49·0	48·3	48·9	48·2	48·6	48·1	48·3	48·1	48·7	48·3	49·4	49·1	52·1	51·0	51·7	50·9	52·5	45·0
5	46·2	44·9	46·6	45·1	45·9	44·5	44·1	42·7	44·0	42·3	43·0	41·7	43·4	42·3	44·6	43·1	45·3	43·8	46·7	44·7	46·9	45·0	47·4	45·5	49·3	42·8
6	47·2	45·2	47·0	44·7	47·8	45·6	47·9	45·1	46·7	44·8	46·9	44·2	47·2	45·3	47·9	46·2	48·8	47·2	48·2	46·9	48·0	46·7	49·1	47·2	51·8	45·9
7	46·4	44·3	46·0	43·7	47·2	44·7	47·6	45·0	46·8	44·6	47·1	44·9	48·0	44·9	48·6	45·0	48·9	45·3	49·1	45·8	49·2	46·0	50·4	45·6	50·9	45·0
8	44·1	41·1	43·6	40·3	43·6	39·9	43·3	40·0	42·0	39·3	42·4	39·9	42·3	39·8	43·0	40·1	42·9	40·1	43·2	40·4	44·7	40·9	45·2	41·1	47·7	41·8
9	48·7	47·8	48·0	44·8	45·4	43·5	43·3	41·1	42·8	41·2	42·1	41·0	42·7	41·7	42·1	41·0	44·5	42·8	45·1	43·6	46·7	43·5	45·5	42·7	49·3	41·9
10	47·8	43·8	47·2	42·2	45·7	41·9	45·9	41·5	45·4	42·1	45·0	41·8	45·2	41·9	45·3	41·6	46·0	42·0	46·8	42·9	48·1	42·8	48·8	43·0	49·3	43·8
11	43·6	41·3	44·1	41·9	44·0	42·2	43·6	42·1	43·0	41·5	43·4	41·5	42·7	41·1	43·1	42·0	45·1	43·3	46·2	43·9	47·9	45·0	48·8	45·6	49·7	40·9
12	40·8	39·0	41·3	39·9	40·1	38·7	40·9	39·3	38·9	37·2	38·1	36·7	38·2	36·8	39·0	37·3	42·1	39·6	43·2	40·0	44·9	40·9	46·2	41·3	49·1	37·4
13	45·0	42·7	44·6	42·3	43·7	42·0	44·0	41·9	43·9	42·0	44·1	41·9	44·4	42·1	44·8	42·2	45·9	42·2	46·5	42·9	47·4	43·3	47·1	43·3	48·7	42·2
14	46·9	44·7	46·3	44·1	45·8	44·0	47·4	44·4	45·8	43·8	46·3	43·5	47·0	43·8	46·9	44·3	47·0	44·3	48·9	45·5	52·0	45·9	52·3	45·8	**54·7**	44·1
15	47·5	43·2	47·8	43·4	47·6	44·1	47·3	44·3	46·7	44·7	46·1	43·5	45·9	41·9	45·3	40·8	46·8	41·3	48·0	42·4	48·2	42·2	48·7	42·7	49·2	41·4
16	41·1	38·1	40·0	37·4	42·0	39·1	42·1	38·6	41·7	38·0	39·4	36·9	39·5	37·1	41·0	38·4	42·3	38·7	43·0	38·2	44·7	38·9	43·9	40·0	45·5	38·6
17	38·0	35·2	37·9	35·2	36·9	34·3	35·0	33·0	35·2	33·0	34·9	32·1	35·0	32·3	34·6	32·7	35·7	33·3	37·0	34·8	38·9	36·0	42·9	37·9	44·9	[34·6]
18	36·8	34·8	35·6	33·7	35·6	33·9	34·6	32·9	33·1	31·7	33·9	32·0	32·3	30·7	32·0	30·5	33·2	31·4	36·0	33·9	39·0	36·3	40·9	37·7	44·9	31·2
19	40·7	39·2	41·0	40·0	41·1	40·2	42·2	41·4	42·6	41·7	43·2	42·6	44·0	43·2	45·0	44·5	47·6	44·0	47·2	43·2	48·1	43·8	48·1	43·8	50·0	40·0
20	42·3	39·9	42·2	39·9	41·9	39·8	41·9	39·9	41·8	39·9	42·4	40·5	41·7	40·8	41·2	40·6	41·6	40·9	42·2	41·3	42·7	41·8	44·0	42·6	47·0	41·1
21	40·8	39·9	39·0	37·9	38·0	36·9	37·7	36·4	37·8	36·1	37·9	36·6	38·9	36·9	39·0	36·8	38·1	36·7	40·7	38·2	41·7	38·2	42·9	38·7	44·1	37·4
22	39·7	35·2	37·4	33·9	35·9	32·7	34·7	32·0	36·0	32·8	35·8	33·1	39·2	35·1	38·8	35·7	39·0	35·7	37·0	35·1	39·0	36·4	40·3	37·1	41·2	34·7
23	40·2	36·1	40·7	36·7	40·3	36·0	38·2	35·2	38·0	35·0	37·1	34·3	36·8	33·2	35·9	32·5	38·7	33·4	41·7	35·8	41·3	35·7	42·1	36·1	43·1	35·6
24	35·5	33·7	34·7	32·9	34·0	31·9	33·8	31·5	32·9	31·0	32·3	30·9	31·6	30·1	31·2	29·9	31·4	30·3	34·1	32·1	37·3	34·5	39·0	35·1	42·9	26·4
25	26·9	25·6	26·6	25·4	25·9	24·9	25·3	24·8	24·6	23·9	24·5	23·6	24·4	23·7	24·5	23·9	25·2	[24·5]	27·2	26·2	30·9	28·9	33·4	31·0	40·7	**23·3**
26	27·5	26·4	26·9	26·0	26·9	25·8	27·0	25·9	27·1	26·0	27·1	26·2	26·3	25·9	27·9	26·9	28·3	27·6	29·8	28·4	33·0	31·4	36·9	34·5	44·2	26·0
27	42·2	38·7	41·0	38·0	41·4	38·2	41·0	38·1	43·0	39·3	43·7	40·1	45·4	41·2	46·8	42·5	45·7	42·8	45·3	43·1	45·1	43·8	44·0	43·1	47·4	40·7
28	47·6	46·4	48·2	46·9	47·4	46·9	47·0	46·6	46·5	46·2	48·3	48·0	50·9	50·3	50·9	50·2	50·7	50·0	50·2	49·9	51·0	50·6	51·9	51·3	52·0	45·9
29	49·0	48·7	48·8	48·4	48·7	48·3	49·0	48·6	48·3	48·0	48·7	48·3	48·8	48·6	48·5	48·2	49·2	49·1	49·8	49·8	50·5	50·0	50·0	49·8	52·2	43·5
30	42·1	39·7	43·1	40·4	43·8	40·8	44·7	42·0	44·0	41·4	44·7	42·1	43·9	42·2	45·0	42·3	45·6	42·9	45·5	43·1	45·7	43·5	46·4	43·7	47·4	41·9
31	43·3	41·9	43·5	41·3	43·0	41·0	43·8	41·1	41·6	39·2	41·4	39·3	40·0	38·1	40·4	38·1	40·1	38·5	43·0	40·7	43·2	40·3	45·1	41·9	46·4	39·0
MEAN.	42·3	40·2	42·0	39·9	41·7	39·7	41·6	39·5	41·1	39·2	41·1	39·2	41·3	39·4	41·7	39·7	42·5	40·3	43·5	41·1	44·8	41·8	45·6	42·4	47·8	39·0

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet
1	46·9	44·2	47·2	44·0	48·1	44·7	47·9	44·8	46·9	44·1	46·6	44·1	45·0	42·8	44·1	42·1	44·8	42·2	44·8	42·1	45·0	42·2	43·3	41·6	44·8	42·6
2	46·8	45·9	46·0	45·3	45·9	44·8	46·0	44·4	44·3	42·8	43·3	42·0	41·9	40·9	41·9	40·8	40·9	39·9	40·1	39·4	39·2	38·7	39·0	38·5	43·6	42·2
3	48·3	46·1	50·2	47·6	50·7	48·1	51·0	48·0	50·3	48·1	50·1	48·1	49·5	47·8	49·3	47·7	49·1	47·6	49·0	47·6	48·1	47·8	48·0	47·6	45·6	44·2
4	51·8	51·0	49·8	49·1	50·3	49·5	51·7	50·5	50·4	49·4	50·2	49·0	49·4	48·0	48·9	47·0	47·2	45·3	46·8	45·0	45·1	43·8	45·7	44·3	49·1	48·2
5	47·1	45·6	46·6	44·9	48·3	45·0	48·3	45·0	48·7	45·5	48·3	45·3	47·0	45·3	49·0	45·7	48·0	45·3	48·8	45·8	48·4	45·9	47·4	45·3	46·7	44·6
6	48·7	47·8	49·7	48·1	50·1	46·8	51·5	47·0	50·0	46·3	49·0	46·0	49·0	45·6	48·2	45·0	48·0	44·8	47·7	44·5	46·0	43·7	46·6	44·1	48·2	45·8
7	49·9	45·9	50·1	45·9	50·9	45·3	50·2	44·8	49·9	44·7	48·8	44·3	48·3	44·3	48·2	43·7	47·1	43·5	46·2	43·0	45·8	42·3	45·0	41·8	48·2	44·6
8	45·4	40·9	45·9	40·8	45·0	40·7	44·9	40·1	44·8	40·3	44·0	40·0	42·4	40·0	42·5	40·5	43·3	41·4	44·4	43·4	45·2	44·8	47·7	46·8	44·0	40·9
9	43·8	41·9	44·0	42·0	45·1	43·0	47·6	44·2	46·2	44·0	46·6	44·3	46·0	44·2	46·9	44·4	46·9	44·9	49·0	45·0	48·9	44·7	48·0	44·1	45·7	43·4
10	48·7	44·1	48·6	43·3	48·3	43·1	49·0	43·8	47·7	43·0	46·0	42·4	45·7	42·7	46·2	42·3	45·4	42·6	45·1	42·1	45·0	41·7	44·3	41·7	46·6	42·5
11	48·1	44·7	49·0	45·0	49·1	45·0	48·2	44·7	46·3	43·9	45·3	42·9	45·1	42·7	44·3	42·3	43·4	41·6	43·8	41·1	43·0	40·8	41·0	39·1	45·1	42·7
12	47·9	42·9	48·5	43·9	48·7	44·5	47·7	44·5	47·2	44·2	46·3	44·0	45·6	44·0	44·7	44·0	44·9	43·7	44·8	43·0	45·1	42·7	42·5	40·6	43·7	41·2
13	48·0	44·1	48·6	44·3	48·3	44·8	47·0	44·0	46·9	44·0	46·0	43·7	45·8	44·0	45·6	44·4	45·9	44·6	46·3	44·7	46·7	45·2	47·0	45·1	46·0	43·4
14	53·0	46·6	54·4	46·5	53·9	46·4	53·2	46·9	50·0	45·1	47·4	43·5	48·3	43·8	48·7	43·3	47·3	43·0	47·9	43·6	47·0	43·0	47·3	43·1	48·8	44·5
15	47·6	43·4	47·4	43·4	46·1	43·4	46·0	42·7	45·3	42·0	44·5	40·2	44·7	41·5	43·9	39·4	42·3	40·1	41·7	39·5	41·6	39·0	41·9	38·6	45·8	42·0
16	45·0	39·4	45·0	38·6	44·0	38·1	43·1	37·1	42·5	37·5	41·9	37·2	40·9	36·7	40·6	36·6	40·2	37·0	39·7	36·9	40·8	37·3	39·8	36·8	41·8	37·9
17	43·3	38·1	43·3	38·1	44·9	39·3	43·4	38·6	40·3	37·0	39·2	36·8	40·2	37·2	39·9	36·9	40·1	37·3	38·5	36·2	37·5	35·1	37·6	35·5	38·8	35·7
18	43·2	38·8	44·6	39·5	44·4	39·8	44·0	39·9	43·3	39·0	42·5	38·7	39·8	36·5	40·3	37·7	41·0	38·2	39·6	36·9	40·0	37·2	40·1	37·5	38·6	35·8
19	48·8	43·9	49·0	45·0	49·0	45·0	48·9	44·1	47·0	42·8	46·3	41·3	45·4	40·7	44·7	40·6	41·7	38·9	42·0	39·5	41·9	39·2	42·2	39·6	44·9	42·0
20	46·1	43·0	46·8	43·4	47·0	43·4	46·3	43·1	43·9	41·4	43·7	41·1	42·2	40·0	42·3	40·0	42·7	40·9	42·6	40·5	42·0	40·3	42·1	40·3	43·1	41·1
21	42·2	38·6	43·1	38·7	43·4	39·1	42·9	38·9	42·5	38·6	42·0	38·3	42·3	37·6	42·5	37·4	42·2	37·8	41·7	37·1	40·3	37·0	38·9	35·4	40·7	37·7
22	40·8	37·1	40·9	46·8	39·3	36·1	38·9	35·7	36·9	34·0	35·1	33·2	37·7	34·4	36·5	33·3	38·2	34·5	38·3	35·1	38·0	34·9	37·6	34·8	38·0	34·8
23	42·8	37·1	42·2	36·2	41·9	36·9	40·1	36·1	39·7	36·1	41·6	37·6	41·7	38·3	38·4	36·6	37·6	36·2	37·2	36·0	38·1	35·9	39·1	36·5	39·6	35·8
24	40·9	35·9	40·7	35·8	42·6	36·9	39·2	35·1	36·9	33·7	34·2	31·9	32·1	30·1	30·2	28·6	29·8	28·1	28·7	28·0	28·1	26·7	27·0	25·8	34·1	31·7
25	36·2	33·0	38·2	33·7	39·7	34·6	40·3	35·6	36·7	33·3	34·2	31·1	31·9	30·1	29·7	28·5	29·7	[28·0]	28·2	27·4	27·7	26·8	27·9	26·6	30·0	28·1
26	38·6	35·5	39·9	36·7	40·8	36·2	39·8	35·9	39·0	35·0	39·7	35·2	40·5	35·9	42·0	36·4	43·2	38·0	42·9	37·0	43·9	37·7	43·1	38·2	34·9	32·0
27	43·9	43·2	44·0	43·3	44·0	43·4	44·1	43·6	44·2	43·8	44·6	43·9	45·0	44·3	45·4	44·7	46·0	45·2	46·0	45·3	46·3	45·9	45·9	45·4	44·3	42·5
28	51·4	51·0	51·8	51·1	52·0	51·2	51·7	51·0	51·0	50·9	50·1	49·9	51·7	51·0	50·1	49·9	51·0	50·8	49·7	49·3	50·4	49·9	50·8	50·0	50·1	49·6
29	51·8	50·9	51·8	49·9	50·5	48·2	50·2	47·6	48·9	46·8	48·2	44·5	47·0	43·7	46·1	43·0	44·6	42·1	44·5	42·0	45·0	41·9	45·0	41·1	48·5	47·0
30	46·2	44·0	46·3	43·3	46·7	43·7	46·2	43·2	45·4	42·3	46·2	42·4	46·2	41·7	44·4	42·3	45·1	42·5	45·3	42·9	44·2	42·2	44·4	42·4	45·0	42·4
31	46·2	42·4	43·7	41·7	44·9	41·9	42·7	40·5	41·7	39·5	39·9	38·3	41·6	39·7	39·7	38·1	41·7	39·5	41·1	39·4	40·3	38·8	40·7	38·7	42·2	40·0
MEAN.	46·1	42·8	46·4	43·1	46·6	42·9	46·2	42·6	45·0	41·9	44·3	41·3	43·9	41·1	43·4	40·7	43·2	40·8	43·0	40·6	42·7	40·4	42·5	40·2	43·4	40·9

TEMPERATURE. DRY AND WET BULBS. NOVEMBER 1892.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	24·6	24·6	24·6	24·6	24·7	24·7	24·3	24·3	24·2	24·2	24·7	24·7	24·7	24·7	25·1	25·1	25·8	25·9	25·8	26·1	25·3	25·4	27·6	27·7	28·9	24·0
2	25·0	25·0	24·2	24·2	24·0	24·0	23·3	23·6	23·6	23·6	23·7	23·7	24·1	24·1	23·8	23·8	23·9	23·9	23·9	23·9	24·1	24·1	24·0	24·0	29·9	23·3
3	29·2	29·2	29·1	29·1	30·0	30·0	29·7	29·7	30·0	30·0	30·0	30·0	29·2	29·2	29·0	29·0	30·9	30·9	31·2	31·2	30·2	30·2	31·8	31·8	32·1	29·0
4	30·9	30·9	32·0	32·0	32·1	32·1	33·4	33·0	33·7	33·7	33·0	33·0	34·1	34·1	34·8	34·8	35·1	35·1	34·8	34·8	33·2	33·0	33·0	31·0	35·1	30·9
5	32·3	32·3	33·1	33·1	33·3	33·3	33·1	33·1	32·6	32·6	33·9	33·9	33·5	33·5	33·5	33·5	33·8	33·8	32·0	32·0	32·2	32·2	32·1	32·1	33·9	31·2
6	31·6	31·6	31·3	31·3	31·3	31·3	31·1	31·1	30·7	30·7	30·3	30·4	29·7	29·7	30·1	30·1	30·2	30·2	30·0	30·1	31·1	31·1	31·2	31·5	31·6	28·0
7	31·0	30·9	31·0	30·9	30·7	30·6	30·5	30·3	30·3	30·1	30·2	30·0	30·3	30·0	30·7	30·1	31·1	30·9	31·6	31·7	32·2	32·2	32·2	32·2	32·2	29·3
8	30·9	30·5	31·6	31·6	32·2	32·1	32·2	32·2	33·2	32·2	33·5	33·5	34·2	34·1	34·9	34·9	35·2	35·2	36·9	36·8	35·3	35·3	36·0	36·0	38·0	30·9
9	37·1	37·0	36·9	36·9	36·9	36·9	37·0	37·0	36·9	36·9	36·7	36·7	36·0	36·0	36·6	36·6	36·0	36·0	36·1	36·0	34·0	34·0	32·7	32·7	37·1	28·8
10	31·0	31·0	31·3	31·3	31·2	31·2	30·8	30·8	30·5	30·5	30·7	30·7	30·6	30·5	30·5	30·3	30·2	30·1	30·4	30·4	31·0	31·0	31·2	31·2	32·3	29·2
11	28·2	28·2	28·5	28·5	29·3	29·3	30·2	30·2	30·1	30·0	30·8	30·7	31·4	31·3	32·3	32·2	32·4	32·2	32·7	32·2	32·8	32·2	32·9	32·9	34·7	28·2
12	33·5	33·4	33·8	33·8	33·9	33·9	33·8	33·8	33·6	33·6	33·5	33·5	33·2	33·2	33·0	33·0	33·0	33·0	32·8	32·8	33·0	33·0	33·0	33·0	33·9	30·3
13	30·0	30·0	29·7	29·7	29·1	29·1	28·0	28·0	27·6	27·6	27·3	27·3	26·9	26·9	27·3	27·3	27·3	27·3	27·7	27·7	28·0	28·0	28·0	28·0	30·0	26·2
14	27·0	27·0	27·0	27·0	27·0	27·0	27·3	27·3	27·4	27·4	27·6	27·6	27·4	27·4	27·7	27·7	27·8	27·8	27·8	27·8	28·0	28·0	29·0	29·0	38·2	27·0
15	35·5	35·5	34·0	34·0	33·4	33·4	33·7	33·7	33·0	33·0	32·7	32·6	32·7	32·7	33·3	33·3	32·5	32·6	31·1	31·7	30·0	30·0	29·3	29·3	35·5	25·4
16	25·3	25·3	25·9	25·9	26·1	26·1	26·9	26·9	27·0	27·0	27·4	27·4	27·7	27·7	27·5	27·5	27·8	27·8	27·6	27·6	27·9	27·9	28·3	28·3	28·3	25·3
17	26·6	26·6	26·9	26·9	27·2	27·2	27·0	27·0	26·8	26·8	26·1	26·1	26·2	26·2	26·4	26·4	27·2	27·2	28·6	27·8	28·0	28·1	29·0	29·0	30·5	26·1
18	29·8	29·8	30·0	30·0	31·1	31·0	30·4	30·3	30·0	30·0	31·0	30·8	30·1	30·0	29·7	29·6	30·0	29·8	30·1	30·0	30·0	30·0	29·7	29·7	31·1	23·2
19	23·3	22·0	23·4	22·2	23·6	22·0	24·3	22·2	23·8	22·6	24·1	22·8	24·0	23·4	25·8	25·8	25·2	25·2	25·8	25·8	27·0	27·0	27·8	27·8	27·9	23·3
20	27·2	27·0	26·9	26·9	27·2	27·1	27·7	27·4	28·2	27·8	28·4	28·3	28·5	28·3	28·4	28·2	29·1	29·0	28·8	28·7	28·9	28·9	29·4	29·4	31·0	26·9
21	30·0	29·8	29·9	29·8	29·2	29·2	28·9	28·8	29·0	29·0	29·0	29·0	28·8	28·7	28·4	28·3	28·3	28·3	28·2	28·2	28·3	28·3	28·4	28·4	30·0	27·8
22	27·8	27·8	27·7	27·7	27·0	27·0	26·6	26·6	26·7	26·6	27·0	27·0	27·9	27·7	27·8	27·8	28·3	28·2	28·4	28·4	28·8	28·8	28·7	28·7	35·4	26·6
23	27·6	26·9	29·3	27·2	36·3	32·0	37·3	33·8	37·8	33·0	37·4	33·2	37·9	33·2	38·5	35·7	40·0	32·0	40·4	32·0	42·4	34·3	42·9	34·3	42·9	27·6
24	36·0	28·3	36·3	29·0	35·2	28·6	35·5	28·4	35·8	28·8	34·7	28·0	34·7	28·1	35·0	28·5	35·2	30·0	35·4	30·0	36·6	29·3	37·0	28·3	40·0	23·0
25	23·4	23·5	23·5	23·7	23·7	23·8	23·9	24·0	23·9	23·9	23·6	23·7	23·1	23·2	22·8	22·9	22·4	22·5	22·4	22·6	22·9	23·0	23·3	23·3	29·8	22·4
26	30·1	30·1	30·9	30·9	31·7	31·7	31·2	31·2	31·1	31·1	31·1	31·1	30·4	30·5	29·0	29·0	27·7	27·8	27·5	27·7	28·0	28·0	28·3	28·3	31·7	27·5
27	29·7	29·7	29·1	29·1	31·3	31·3	32·0	32·0	32·5	32·0	33·9	33·9	34·0	34·0	34·0	34·0	34·0	34·0	34·4	34·4	34·7	34·7	35·0	35·0	35·3	29·1
28	34·6	34·6	33·8	33·8	33·9	33·9	34·0	34·0	34·8	34·8	35·2	35·2	35·3	35·3	35·6	35·6	36·0	36·0	36·1	36·1	36·7	36·7	36·9	36·9	37·1	29·0
29	27·4	27·4	25·1	25·1	22·3	22·4	21·4	21·4	21·9	21·9	21·3	21·3	21·3	21·3	21·7	21·7	22·2	22·2	21·9	21·9	21·6	21·6	22·1	22·1	27·4	16·4
30	17·3	17·3	17·0	17·0	16·2	16·2	16·9	16·9	17·8	17·8	17·5	17·5	17·7	17·7	16·9	16·9	16·6	16·7	17·0	17·1	17·8	18·0	18·3	18·8	20·3	16·2
MEAN.	29·1	28·8	29·1	28·8	29·4	28·9	29·4	29·0	29·5	29·0	29·5	29·1	29·5	29·1	29·7	29·3	29·8	29·4	29·9	29·4	30·0	29·5	30·3	29·7	32·7	26·4

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	28·9	28·9	27·5	27·5	25·7	26·0	24·8	24·8	24·5	24·5	24·7	24·7	24·1	24·1	24·1	24·1	24·0	24·0	24·3	24·5	25·1	25·1	25·1	25·1	25·2	25·2
2	24·6	24·7	25·5	25·5	27·0	27·0	27·0	27·0	26·8	26·8	27·0	27·0	26·9	26·9	28·7	28·7	29·0	29·0	29·9	29·9	29·3	29·3	29·2	29·2	25·8	25·8
3	31·9	31·9	32·0	32·0	32·1	32·1	32·0	32·0	32·1	32·1	32·1	32·1	31·9	32·0	31·8	32·0	31·0	31·6	31·1	31·1	30·8	30·8	30·5	30·5	30·8	30·9
4	33·3	33·3	33·4	33·4	33·7	33·7	33·7	33·7	33·5	33·3	33·3	33·0	33·1	33·1	33·2	33·2	34·0	34·0	33·7	35·7	33·2	33·2	32·8	32·8	33·4	33·2
5	32·1	32·1	32·0	32·0	32·0	32·0	31·8	31·9	31·8	32·0	32·0	32·0	32·0	32·0	31·5	31·5	31·3	31·3	31·2	31·2	31·2	31·2	31·2	31·2	32·3	32·3
6	31·0	31·0	30·2	30·2	30·2	30·2	30·2	30·2	30·4	30·4	30·0	30·0	28·2	28·2	28·0	28·0	30·0	28·0	29·8	29·8	30·3	30·3	31·2	31·2	30·3	30·3
7	31·5	31·6	30·8	30·8	31·6	31·6	31·7	31·6	30·9	30·8	30·9	30·9	30·0	30·0	29·3	29·0	29·3	29·0	29·9	29·1	30·2	29·5	30·8	30·8	30·8	30·6
8	36·3	36·3	36·2	36·2	37·2	37·2	37·7	37·7	37·7	37·7	38·0	38·0	38·0	38·0	37·9	37·9	37·8	37·8	37·7	37·6	37·9	37·9	37·4	37·4	35·7	35·6
9	32·0	32·2	32·2	32·2	31·1	32·1	30·8	30·8	28·8	28·8	29·2	29·2	29·7	29·7	30·2	30·2	30·8	30·8	30·8	30·6	31·0	31·0	31·2	31·2	33·4	33·4
10	31·8	31·8	31·7	31·7	32·1	32·1	32·2	32·1	32·2	32·1	32·0	32·0	32·2	32·2	32·3	32·3	31·8	31·8	31·3	31·3	30·3	30·3	29·2	29·2	31·2	31·2
11	33·7	33·7	34·2	34·2	33·4	33·4	33·2	33·1	34·3	34·3	34·7	34·7	34·5	34·5	34·5	34·5	34·3	34·3	33·9	33·9	33·8	33·8	33·8	33·8	32·5	32·4
12	32·5	32·5	32·3	32·3	32·0	32·0	31·8	31·9	32·0	32·0	32·3	32·1	33·0	33·0	33·3	33·3	33·2	33·2	33·4	33·4	32·0	32·0	30·3	31·4	32·8	32·9
13	28·1	28·1	28·4	28·4	27·8	27·8	27·3	27·3	27·3	27·3	27·3	27·3	27·8	27·8	27·5	27·5	27·2	27·2	26·8	26·8	26·2	26·2	26·4	26·4	27·7	27·7
14	29·3	29·3	31·0	31·0	32·1	32·0	34·9	32·7	36·3	36·3	37·4	37·4	38·2	38·2	38·2	38·2	38·0	38·0	38·2	38·2	38·0	38·0	36·8	36·8	31·6	31·5
15	29·0	29·2	29·5	29·5	27·8	27·9	27·7	27·7	27·2	27·2	26·9	26·9	27·0	27·0	26·4	26·4	26·4	26·4	26·2	26·2	26·2	26·2	25·4	25·4	29·9	29·9
16	27·6	27·6	28·3	28·3	28·0	28·0	27·3	27·3	26·9	27·0	27·4	27·4	27·6	27·7	27·0	27·0	26·9	26·9	26·7	26·7	27·5	27·5	27·0	27·0	27·2	27·2
17	29·2	29·2	29·0	29·0	28·9	28·9	28·9	28·9	29·0	29·0	29·5	29·4	29·9	29·9	30·3	30·3	30·5	30·5	29·8	29·8	29·9	29·9	30·1	30·0	28·4	28·3
18	29·4	29·4	30·4	30·4	30·2	30·1	29·0	29·0	29·8	29·8	29·5	29·5	29·3	29·3	28·6	28·5	25·9	25·9	23·8	23·0	23·8	22·7	23·2	22·3	29·0	28·8
19	27·5	27·5	27·9	27·9	27·7	27·4	26·3	26·3	26·6	26·6	26·4	26·4	27·2	27·2	26·8	26·8	27·3	27·1	27·2	27·1	27·2	27·0	26·6	26·5	26·0	25·5
20	29·8	29·8	29·9	29·9	29·8	29·8	29·5	29·4	29·5	29·5	29·8	29·8	30·3	30·1	30·6	30·3	31·0	30·7	30·3	30·2	30·0	29·8	30·0	29·8	29·1	29·0
21	28·6	28·4	28·5	28·5	28·0	28·0	27·9	27·9	28·0	28·0	28·0	28·0	27·9	27·9	27·9	27·9	27·9	27·9	28·0	28·0	27·9	27·9	27·8	27·7	28·4	28·4
22	29·0	29·0	28·8	28·8	28·6	28·6	28·2	28·1	27·8	27·8	26·9	26·9	27·8	27·8	27·6	27·6	29·2	28·8	30·2	28·8	35·4	31·5	34·1	31·6	28·6	28·2
23	42·0	33·8	40·9	33·0	40·0	32·5	38·6	31·3	37·8	30·2	37·9	29·6	36·3	29·9	37·6	30·0	37·0	30·0	36·3	29·7	36·2	28·7	35·9	29·0	37·7	31·5
24	37·2	28·4	40·0	31·0	38·5	31·1	35·3	27·3	33·9	26·0	34·3	28·0	23·0	23·0	23·1	23·3	23·5	23·5	23·5	23·7	23·4	23·5	23·5	23·5	32·8	27·4
25	23·6	23·8	24·1	24·1	23·3	23·4	23·3	23·4	23·3	23·4	23·6	23·7	24·2	24·2	24·7	24·7	26·0	26·0	26·5	26·5	28·4	28·4	29·8	29·8	24·2	24·2
26	28·1	28·1	28·3	28·3	28·8	28·8	29·0	29·0	29·5	29·5	30·0	30·0	30·2	30·2	30·7	30·7	30·7	30·7	30·7	30·7	30·0	30·0	30·4	30·4	29·7	29·7
27	35·2	35·2	35·3	35·3	35·3	35·3	35·0	35·0	35·2	35·2	35·2	35·2	35·0	35·0	35·0	35·0	35·0	35·0	34·4	34·4	34·6	34·6	34·8	34·8	33·9	33·9
28	37·1	37·1	37·0	37·0	36·8	36·8	36·8	36·8	37·0	37·0	36·8	36·8	36·7	36·7	36·9	36·9	37·0	37·0	33·5	33·5	31·0	31·5	29·0	29·0	35·4	35·4
29	22·1	22·1	21·0	20·9	20·5	20·5	21·1	21·1	20·5	20·5	20·3	20·3	19·0	18·9	18·5	18·4	16·4	16·3	17·5	17·7	17·6	17·7	17·6	17·6	20·9	20·9
30	19·9	20·0	19·4	19·6	19·4	19·6	20·3	20·3	20·0	20·0	19·9	19·9	19·7	19·6	18·9	18·9	19·2	19·2	18·8	18·8	18·8	18·9	18·9	18·9	18·3	18·4
MEAN.	30·4	29·9	30·5	30·0	30·3	29·9	30·1	29·5	30·0	29·5	30·1	29·6	29·7	29·5	29·7	29·4	29·7	29·4	29·5	29·2	29·6	29·1	29·3	29·0	29·8	29·3

TEMPERATURE. DRY AND WET BULBS. NOVEMBER 1892.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	37·9	36·4	37·2	35·9	37·8	36·7	37·1	36·0	35·7	34·9	36·0	35·1	36·4	35·6	36·7	35·7	37·0	36·2	37·1	36·1	37·6	36·8	39·6	38·2	43·2	35·6
2	40·0	37·0	40·8	37·2	38·6	36·1	37·7	35·7	41·0	36·9	40·9	37·3	42·2	38·1	42·9	38·7	43·7	39·1	44·0	39·7	44·1	38·7	45·7	39·7	47·3	36·9
3	45·0	41·8	44·8	41·4	47·8	43·2	47·2	43·6	46·9	43·5	48·4	43·8	48·0	43·8	45·1	43·0	46·4	44·6	46·3	45·0	46·9	45·4	47·2	46·4	50·8	43·1
4	49·9	44·3	51·0	46·0	52·1	46·6	53·1	47·6	51·2	47·9	51·2	47·4	52·3	47·8	52·0	48·7	52·6	49·5	53·9	49·5	53·7	48·8	53·4	47·1	**54·7**	48·2
5	49·4	46·2	51·7	47·2	51·9	47·9	50·8	47·5	52·0	47·6	52·2	47·9	52·7	47·6	52·4	48·0	52·0	48·0	49·1	47·2	50·4	47·5	51·0	47·7	53·0	47·8
6	47·9	46·0	47·5	45·9	47·9	45·9	47·7	45·8	47·4	45·3	47·0	45·1	46·0	44·0	45·7	44·2	45·8	44·1	46·1	44·5	46·8	45·3	47·6	45·6	48·3	41·0
7	42·1	41·4	42·4	41·7	42·2	41·5	42·8	42·0	43·9	43·1	42·0	41·4	43·1	42·1	42·1	41·4	42·7	41·9	44·0	43·2	46·2	45·0	47·0	44·9	49·2	41·1
8	50·3	44·4	48·7	44·7	47·7	45·4	46·9	45·6	47·2	46·0	47·3	46·1	50·5	46·8	51·0	46·9	50·7	47·5	51·2	47·8	51·3	48·5	50·0	48·4	53·5	46·8
9	50·6	49·9	50·2	49·9	50·4	50·0	50·9	50·3	51·0	50·3	51·4	50·3	51·7	50·3	51·3	50·4	51·0	50·3	48·1	47·3	48·3	47·0	48·4	46·9	51·7	43·9
10	46·9	45·1	46·9	45·3	47·8	45·3	47·5	45·4	48·1	45·2	47·8	45·2	47·8	44·8	48·1	44·7	47·9	44·4	47·7	44·7	48·2	45·4	48·9	45·8	49·2	46·2
11	47·7	42·2	47·2	42·4	48·7	43·2	48·0	44·1	49·1	44·0	48·8	44·6	50·0	45·0	50·0	45·9	49·5	46·1	51·3	47·6	53·7	47·9	53·1	47·3	54·1	47·1
12	52·0	47·8	51·5	47·5	51·8	47·7	52·2	47·6	52·1	47·6	51·4	47·6	51·8	47·4	51·7	47·4	51·9	47·4	50·5	47·4	51·9	47·5	53·9	47·9	53·9	45·5
13	44·8	43·2	44·6	43·3	44·3	43·1	44·3	42·4	44·0	42·0	42·8	40·9	42·8	40·9	41·8	40·8	42·9	41·1	43·1	41·4	44·4	42·0	44·3	42·2	45·8	40·8
14	40·2	38·8	40·8	39·2	41·6	39·9	41·8	39·9	41·7	39·8	41·4	39·8	42·0	40·0	43·0	40·8	46·9	42·0	47·3	42·4	47·0	42·8	46·1	42·7	54·1	40·2
15	50·8	49·0	49·5	48·7	49·5	48·0	50·1	48·1	50·5	48·2	48·9	47·1	49·9	47·0	49·1	47·8	48·2	45·8	47·8	44·6	47·2	44·7	47·5	44·5	51·6	38·1
16	37·0	36·1	35·6	34·9	35·3	34·8	34·9	34·3	35·3	34·8	36·6	35·9	37·7	36·9	38·0	37·5	40·0	39·0	39·8	39·0	42·3	41·7	43·1	41·9	43·7	34·8
17	39·2	38·4	40·0	38·9	42·2	40·8	43·9	41·2	42·9	40·0	42·8	39·8	43·1	39·9	42·8	39·8	42·2	39·8	43·7	40·9	43·3	41·3	48·7	43·3	49·3	39·1
18	47·9	44·0	49·0	44·1	48·6	44·2	48·2	44·3	48·0	44·8	47·0	44·7	47·1	43·9	46·4	43·3	47·4	43·6	46·7	43·3	47·2	43·6	48·1	44·1	49·2	41·3
19	43·0	36·5	41·8	36·0	40·5	35·0	39·2	34·9	38·1	34·8	38·0	34·2	38·5	35·1	38·9	34·9	39·1	36·0	39·9	36·6	43·1	38·8	46·0	40·9	46·8	38·0
20	41·2	40·1	41·9	40·1	41·5	40·2	41·3	40·2	42·1	40·5	42·7	40·8	43·1	41·1	43·0	41·1	44·0	41·8	45·4	42·6	47·1	43·2	48·7	43·6	49·5	41·1
21	49·2	43·7	48·7	43·2	48·9	43·0	47·7	42·8	47·1	42·4	46·4	41·9	45·2	41·6	45·5	41·7	47·0	42·0	45·8	41·8	47·4	42·6	47·8	42·7	49·3	41·7
22	44·1	40·2	42·2	39·5	43·0	39·1	42·0	38·7	39·3	37·0	38·3	36·8	40·7	38·0	39·7	37·3	42·4	38·8	41·0	38·8	42·3	39·8	45·1	41·4	47·9	37·9
23	37·0	35·8	36·4	35·2	36·8	35·5	35·8	35·0	35·3	34·3	34·1	33·3	34·1	33·5	34·2	33·2	33·9	33·0	34·0	33·0	36·0	35·0	37·8	36·0	40·2	30·2
24	30·8	29·9	32·1	31·4	33·0	32·0	33·2	32·3	34·0	33·0	34·6	33·0	34·7	33·6	34·9	33·8	34·9	33·8	35·9	34·8	36·7	35·3	37·8	36·3	39·2	**30·0**
25	34·7	33·6	34·6	33·7	34·6	33·3	34·0	33·1	33·8	32·9	36·8	34·9	38·5	36·0	40·0	36·7	40·9	37·0	41·2	37·1	41·9	37·4	42·1	37·8	45·0	33·4
26	42·0	41·7	43·0	42·5	44·0	43·2	44·4	43·4	44·7	44·1	44·8	44·6	45·7	44·9	44·2	43·1	43·3	41·7	42·4	40·9	42·6	41·6	43·0	41·8	46·6	41·9
27	46·0	44·1	45·9	43·8	46·0	45·1	46·0	45·6	46·8	46·6	47·6	47·2	48·9	48·0	48·4	48·0	49·2	48·3	49·2	48·6	49·8	48·7	50·0	49·2	50·1	45·7
28	49·7	48·9	49·2	48·1	48·9	48·0	49·1	48·2	49·1	48·3	49·6	48·8	49·7	48·8	50·0	49·0	50·0	49·1	50·2	49·5	50·7	49·7	50·7	49·9	51·3	47·0
29	45·8	42·7	43·7	40·7	41·9	38·6	40·2	37·1	42·0	37·9	41·9	37·3	41·9	37·6	41·0	37·2	39·2	37·6	41·0	37·5	41·9	38·0	38·6	37·3	47·0	35·2
30	36·6	33·3	35·2	33·6	36·0	33·0	35·9	33·0	34·5	33·1	34·8	33·5	37·8	34·0	36·8	33·9	36·8	33·0	37·8	33·7	38·1	33·7	38·6	34·3	39·1	33·4
MEAN.	44·0	41·4	43·8	41·4	44·0	41·5	43·8	41·5	43·8	41·6	43·8	41·5	44·5	41·8	44·2	41·8	44·6	42·1	44·7	42·2	45·6	42·8	46·3	43·2	48·5	40·4

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	40·5	39·3	42·0	40·1	43·1	41·2	42·6	40·1	40·9	38·9	40·8	38·4	40·0	37·4	38·7	36·9	39·9	37·0	39·2	37·0	38·7	36·2	39·1	36·6	38·8	37·2
2	46·3	40·8	44·4	40·6	45·7	41·8	44·2	40·9	44·0	40·8	45·8	41·6	46·2	41·9	46·4	42·0	46·4	42·4	45·4	42·5	44·9	41·9	46·0	42·5	43·6	39·8
3	48·5	47·3	49·8	47·0	50·1	48·1	49·9	46·8	49·0	47·0	48·3	47·2	48·2	46·6	48·0	45·5	49·4	45·0	46·3	43·2	47·6	44·2	49·5	44·2	47·7	44·9
4	52·8	48·7	54·1	49·7	54·3	48·7	54·3	48·4	54·3	48·0	53·3	47·7	51·6	47·3	52·7	47·2	53·6	48·0	53·9	47·9	51·8	47·2	50·8	46·8	52·7	47·8
5	51·7	48·1	51·9	47·6	51·2	47·0	51·0	46·9	50·9	47·1	49·1	47·5	50·0	47·0	49·3	46·7	48·1	46·1	49·1	46·2	48·8	46·3	47·8	46·5	50·6	47·2
6	47·9	46·2	48·1	46·4	47·4	45·1	47·2	45·6	46·9	45·5	46·1	45·0	43·8	42·3	43·0	41·4	42·0	40·9	42·0	40·9	43·1	42·0	41·0	40·2	45·9	44·3
7	47·2	45·1	48·1	45·0	47·8	44·9	48·3	44·7	48·1	45·2	47·3	45·3	48·5	44·0	48·7	43·9	47·9	44·0	48·2	44·6	48·1	44·9	48·8	44·4	45·7	43·6
8	49·7	48·5	50·1	48·9	50·0	49·2	50·0	49·4	50·2	49·9	50·6	50·2	50·6	50·1	52·0	50·6	53·1	50·8	51·0	50·1	50·4	50·0	50·7	50·0	50·1	48·2
9	48·9	47·2	48·7	47·4	48·9	46·3	47·2	44·0	44·3	41·8	45·1	42·6	46·0	43·2	46·2	44·0	46·6	44·3	46·2	44·3	46·3	44·7	46·3	44·9	48·5	47·0
10	48·9	45·9	49·1	45·9	48·8	45·9	48·2	45·9	48·0	45·7	48·6	45·7	48·3	46·0	48·1	45·5	48·0	45·4	48·0	45·1	47·2	43·8	47·3	43·0	48·0	45·2
11	53·4	49·0	52·2	49·0	53·7	48·1	53·0	47·9	52·5	48·7	51·7	48·5	51·8	48·2	51·3	48·1	52·0	47·8	52·1	47·8	51·7	47·8	51·9	47·8	51·0	46·6
12	51·9	47·0	52·0	46·9	52·0	46·6	51·0	45·4	52·0	46·1	52·0	46·8	52·2	47·2	52·4	47·5	50·8	47·7	50·5	47·6	48·2	47·2	45·5	43·8	51·4	47·1
13	44·5	42·8	44·6	43·0	44·6	42·4	43·7	41·8	43·5	41·8	43·5	41·9	42·9	41·2	41·8	40·2	41·8	40·0	41·9	40·4	41·9	40·0	40·8	39·2	43·3	41·6
14	45·0	43·0	47·2	44·6	48·0	45·3	48·1	46·2	47·6	46·3	48·0	47·0	47·1	46·8	47·8	47·5	53·9	51·2	53·0	51·2	51·3	50·6	51·1	50·1	46·2	44·1
15	47·8	44·5	46·9	44·0	46·3	43·3	44·5	42·0	44·1	41·2	43·1	40·4	43·2	41·0	41·8	40·0	39·9	38·2	39·1	37·9	39·2	38·0	38·1	36·8	46·0	43·8
16	43·3	42·2	43·7	42·4	43·5	42·3	42·8	41·3	40·5	39·6	42·5	41·6	41·5	40·1	42·9	41·2	42·5	41·0	39·9	38·6	41·6	40·2	42·9	41·2	40·1	39·1
17	48·9	43·8	49·0	43·6	48·3	43·3	48·9	43·9	48·1	43·9	48·8	43·8	48·8	43·9	49·1	44·0	48·9	44·3	48·7	44·0	48·8	44·1	48·1	43·9	45·8	42·1
18	48·0	44·7	48·1	44·6	47·5	44·0	47·0	43·7	47·0	43·5	47·3	43·2	46·8	43·0	47·0	43·1	46·2	42·6	46·2	38·2	45·2	38·3	41·3	36·0	47·0	43·0
19	46·8	41·9	46·2	41·8	46·0	41·7	45·0	41·8	44·9	40·9	45·0	40·8	44·5	40·4	42·9	40·6	42·7	40·3	42·4	40·2	41·9	40·3	41·0	40·0	42·3	38·5
20	49·0	43·9	48·7	44·1	48·3	44·1	48·0	43·8	48·3	43·4	48·2	43·4	48·0	43·9	48·6	44·0	49·4	44·5	49·0	44·0	49·0	43·6	48·7	43·7	46·1	42·6
21	48·0	42·7	47·8	42·7	46·9	42·0	46·8	41·9	45·0	41·1	45·7	41·6	45·4	41·5	42·0	39·2	43·6	40·3	45·1	41·0	44·3	41·2	44·1	40·2	46·3	41·9
22	46·6	42·1	46·9	42·2	47·3	42·2	45·0	41·1	42·8	39·6	42·1	39·1	39·9	37·8	38·9	37·2	39·7	37·7	38·1	36·4	38·8	37·0	38·4	36·6	41·9	38·9
23	37·8	36·1	38·7	37·1	39·3	36·8	37·5	35·1	35·9	34·3	33·3	32·2	32·2	31·1	32·0	31·0	31·9	31·0	31·7	30·8	31·1	30·2	30·2	29·4	34·9	33·7
24	38·2	36·9	39·0	37·4	39·0	37·3	39·0	37·2	39·0	37·0	38·1	36·1	36·8	34·9	36·0	34·0	35·0	33·0	34·1	32·6	33·8	32·4	34·1	33·2	35·6	34·2
25	43·1	38·2	43·2	38·2	43·0	38·1	42·8	38·0	42·9	38·1	44·0	38·9	43·9	39·5	44·2	40·0	44·3	40·8	43·7	40·9	43·0	41·0	42·1	41·2	40·6	37·4
26	43·1	42·1	43·5	42·2	43·5	42·4	43·1	42·2	43·6	42·3	44·3	42·9	45·2	43·3	44·0	42·9	44·3	43·6	44·4	43·9	45·9	44·1	46·0	44·8	44·0	42·9
27	49·8	49·4	50·0	49·8	50·0	49·6	50·0	49·2	49·6	49·1	49·6	49·2	49·6	49·2	49·5	49·2	49·7	49·1	49·7	48·9	49·9	48·9	50·0	48·9	48·8	48·1
28	51·0	50·0	51·1	50·0	51·0	50·0	50·9	49·9	50·4	49·9	50·9	50·0	50·7	50·0	50·9	50·0	51·0	50·1	48·9	47·6	48·3	45·6	47·0	43·2	50·0	48·9
29	39·1	37·3	40·1	37·1	38·7	36·3	38·9	37·1	38·4	36·6	37·4	36·0	38·0	35·4	35·6	33·9	37·7	33·0	35·2	33·8	38·0	34·1	36·2	34·0	39·7	36·8
30	35·3	34·2	35·4	34·4	36·5	34·9	34·9	34·2	36·0	34·6	34·9	34·3	35·2	34·7	36·0	34·2	36·0	34·7	34·6	33·4	35·2	33·6	33·6	32·9	35·9	33·8
MEAN.	46·4	43·6	46·7	43·8	46·7	43·6	46·1	43·2	45·6	42·9	45·5	43·0	45·2	42·6	44·9	42·4	45·2	42·5	44·6	42·0	44·5	42·0	43·9	41·5	41·9	42·3

TEMPERATURE. DRY AND WET BULBS. DECEMBER 1892.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	18·6	18·6	18·7	18·7	18·8	18·8	18·8	18·8	18·8	18·8	17·8	17·8	17·8	17·8	17·0	17·0	16·8	17·0	17·2	17·8	18·7	19·7	22·5	22·9	22·5	14·9
2	16·1	16·1	15·7	15·7	13·8	14·0	12·9	13·0	11·2	11·6	11·4	11·8	11·4	11·8	10·9	11·3	12·4	12·7	16·8	14·4	15·2	14·3	15·0	14·2	18·0	10·9
3	18·2	18·2	19·8	19·8	21·2	21·1	23·2	23·0	24·2	24·1	24·6	24·3	25·2	25·2	24·9	24·8	24·9	24·7	25·8	25·8	23·5	23·5	21·3	21·3	25·8	14·2
4	13·8	13·8	13·3	13·3	12·3	12·3	12·6	12·8	12·9	12·9	12·7	12·7	12·7	12·8	12·2	12·3	12·8	12·9	13·3	13·6	13·8	14·0	14·3	14·3	15·0	12·2
5	13·6	13·6	12·3	12·3	12·4	12·4	11·7	11·8	11·0	11·0	11·2	11·3	11·2	11·2	11·2	11·2	11·7	11·8	11·3	11·6	12·2	12·7	13·0	13·2	21·4	11·0
6	21·9	21·9	21·0	21·0	20·8	20·8	21·2	21·0	21·8	21·6	22·2	22·0	22·9	22·5	22·7	22·4	23·0	22·8	22·8	22·8	23·0	23·0	23·9	23·9	23·9	19·0
7	18·7	18·7	18·8	18·8	19·5	18·1	20·5	17·7	19·9	18·7	20·2	18·2	19·9	17·9	20·2	18·3	20·2	20·2	21·2	21·2	22·5	22·7	22·5	22·7	22·5	17·2
8	18·9	18·9	19·0	19·0	19·4	19·4	19·5	19·5	19·4	19·4	19·5	19·5	19·4	19·4	19·6	19·6	19·7	19·7	20·5	20·5	21·2	21·2	21·4	21·5	24·3	18·9
9	20·9	20·9	18·5	18·5	16·5	16·6	15·8	15·9	15·0	15·0	15·4	15·4	14·7	14·7	14·1	14·1	13·7	13·8	14·0	14·0	13·8	13·8	14·2	14·2	20·9	13·7
10	16·5	16·7	20·4	20·4	20·0	20·0	19·3	19·3	20·9	20·9	21·9	21·8	20·9	20·9	22·1	22·1	23·2	23·2	25·3	25·3	26·7	26·7	27·7	27·7	31·2	16·5
11	25·0	25·0	24·8	24·9	24·0	24·0	23·4	23·4	23·4	23·4	23·2	23·2	23·7	23·7	24·2	24·2	25·1	25·1	26·4	26·4	27·0	27·0	27·3	27·3	27·3	23·2
12	23·3	23·3	23·2	23·2	22·6	22·6	22·1	22·1	21·6	21·6	21·4	21·4	20·8	20·8	20·2	20·2	20·4	20·4	20·0	20·1	20·0	20·0	19·5	19·4	23·3	18·2
13	18·2	18·2	18·2	18·2	18·0	18·0	17·7	17·7	17·7	17·7	17·1	17·1	17·7	17·7	17·5	17·5	17·3	17·3	17·6	17·6	17·9	17·9	18·9	18·9	27·2	17·1
14	28·5	28·3	30·0	30·0	31·7	31·6	28·8	28·7	30·2	30·2	29·8	29·7	29·4	29·3	30·7	30·7	30·5	30·4	29·1	29·0	30·0	30·0	30·0	30·0	31·7	27·2
15	29·3	29·2	29·0	29·0	28·5	28·5	29·2	29·1	29·5	29·4	29·0	29·0	28·9	28·8	28·0	28·0	26·7	26·7	26·7	26·7	27·2	27·2	26·9	26·9	29·5	26·1
16	27·0	27·0	27·8	27·7	27·2	27·1	27·1	27·1	27·1	27·0	27·2	27·2	26·3	26·3	25·8	25·8	27·8	27·8	30·7	30·4	32·3	32·3	32·2	32·2	35·8	25·8
17	32·2	32·2	32·0	32·0	31·8	31·8	31·0	30·9	31·2	31·1	31·6	31·6	30·4	30·4	30·3	30·3	30·1	30·1	30·0	30·0	30·1	30·1	30·3	30·3	37·4	29·8
18	37·2	37·2	37·5	37·5	36·9	36·9	36·9	36·9	33·3	33·3	31·2	31·5	30·0	30·0	29·9	29·8	29·3	29·3	29·5	29·5	29·3	29·3	29·0	29·0	37·5	28·1
19	29·0	29·0	29·3	29·3	29·2	29·1	28·7	28·7	28·6	28·6	28·5	28·5	28·3	28·3	28·4	28·3	27·8	27·8	28·6	28·5	29·8	29·8	31·2	31·2	32·6	27·8
20	32·4	32·4	32·3	32·3	31·8	31·9	30·6	30·6	31·0	30·9	30·1	30·0	28·2	28·2	27·8	27·8	26·8	26·8	25·8	25·8	26·1	26·0	25·1	25·1	32·4	23·8
21	29·0	28·7	29·8	29·4	30·0	30·0	30·2	30·1	30·3	30·3	30·3	30·3	30·3	30·2	30·3	30·3	30·4	30·4	30·7	30·4	31·0	31·0	30·9	30·9	32·0	29·0
22	32·1	32·0	32·2	32·2	32·1	32·1	32·2	32·2	32·2	32·2	32·1	32·1	31·4	31·3	31·0	31·0	30·8	30·8	31·0	31·0	31·8	31·8	31·7	31·7	32·2	26·2
23	26·4	24·7	26·4	24·8	26·1	24·3	25·9	24·3	25·4	24·9	24·0	24·3	25·0	25·1	24·9	25·1	24·2	24·2	22·6	22·7	22·2	22·4	21·2	21·2	26·4	14·3
24	17·7	16·4	19·5	16·7	22·1	17·8	22·9	17·1	25·1	17·6	24·8	17·2	25·0	17·3	24·7	17·1	24·3	17·0	25·6	17·8	26·6	18·4	25·7	18·2	30·0	17·7
25	28·0	19·0	28·8	19·5	27·7	19·0	28·5	19·8	28·2	19·1	27·2	18·1	28·7	19·2	29·3	19·9	30·0	20·4	29·9	20·1	30·3	20·9	32·1	21·8	32·1	27·0
26	28·1	20·7	29·0	21·1	28·3	20·1	28·6	20·1	28·1	20·0	29·9	21·2	29·7	21·3	28·1	20·1	28·4	20·3	28·9	20·2	29·7	21·1	29·0	20·5	31·8	28·1
27	30·1	21·1	30·8	21·8	30·8	22·1	30·3	21·9	29·6	21·3	30·0	21·3	30·2	21·7	28·7	20·1	28·0	19·8	27·7	19·9	25·7	19·2	26·3	19·5	30·8	23·0
28	27·7	20·6	28·0	22·9	27·8	21·9	27·8	21·6	25·6	20·1	27·1	20·5	27·1	21·3	25·0	20·8	25·1	20·8	25·4	20·8	25·1	21·9	22·4	21·6	28·0	23·2
29	23·4	21·5	23·8	20·4	26·0	21·0	27·1	20·3	23·8	21·1	23·2	20·5	23·0	21·1	21·3	21·4	22·4	22·4	22·7	22·7	23·4	23·4	23·4	23·4	27·1	21·3
30	23·3	23·3	23·5	23·7	23·3	23·3	23·2	23·2	23·1	23·1	23·1	23·1	24·1	24·1	25·0	25·0	25·0	25·0	25·2	25·2	25·2	25·2	24·9	24·9	25·2	20·5
31	20·7	20·2	19·3	19·6	20·4	20·1	19·4	19·7	19·0	19·3	20·0	19·8	15·0	15·6	16·2	15·0	15·1	15·3	15·7	15·9	18·7	18·7	19·0	19·0	20·7	15·0
MEAN.	24·1	22·8	24·3	23·0	24·2	22·8	24·1	22·5	23·8	22·5	23·8	22·3	23·5	22·1	23·3	22·0	23·4	22·2	23·8	22·5	24·2	23·1	24·3	23·2	27·6	20·7

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	19·0	19·4	16·9	17·7	17·0	17·2	16·0	16·4	16·0	16·3	17·0	17·0	15·8	15·9	14·9	14·9	16·0	16·0	16·9	16·9	17·4	17·4	16·8	16·8	17·6	17·7
2	15·0	13·8	11·9	12·0	13·2	13·3	14·3	12·9	17·7	15·0	16·7	16·7	17·8	17·5	17·9	17·9	17·4	17·4	17·9	17·9	18·0	18·0	16·3	16·3	14·9	14·6
3	21·0	21·0	19·4	19·5	16·5	16·7	16·3	16·3	16·2	16·2	15·9	15·9	16·2	16·2	16·5	16·5	16·1	16·1	16·1	16·1	15·2	15·2	14·2	14·2	19·8	19·8
4	14·7	14·7	15·0	15·0	14·7	14·7	14·7	14·7	14·7	14·7	14·3	14·3	14·0	14·0	13·9	13·9	13·8	13·8	13·9	13·9	13·8	13·8	13·7	13·7	13·7	13·7
5	14·0	14·0	14·6	14·6	15·4	15·4	18·7	18·4	17·2	17·2	15·7	15·7	15·9	15·9	19·3	19·3	20·8	20·8	21·3	21·3	21·0	21·0	21·4	21·4	14·9	15·0
6	22·9	22·9	21·0	21·0	20·0	20·0	19·0	19·1	20·0	20·0	19·8	19·8	19·0	19·0	20·0	20·0	20·0	20·0	19·2	19·2	19·2	19·2	19·9	19·9	21·1	21·1
7	22·4	22·7	22·1	22·2	21·4	21·4	20·9	20·9	20·1	20·1	19·2	19·1	19·9	19·7	18·1	18·1	17·2	17·2	17·4	17·4	18·3	18·3	18·2	18·2	20·0	19·5
8	20·1	20·1	21·0	21·0	21·3	21·3	22·0	22·0	22·9	23·0	23·4	23·5	24·2	24·2	24·3	24·3	23·9	23·9	22·7	22·7	22·2	22·2	22·1	22·1	21·2	21·2
9	15·0	15·1	15·5	15·6	15·9	15·9	15·6	15·7	15·8	15·8	15·8	15·5	15·4	15·4	14·9	14·9	15·1	15·1	15·9	15·7	16·2	16·2	15·3	15·3	15·5	15·5
10	29·8	29·8	30·4	30·4	30·5	30·5	31·2	31·2	31·1	31·1	30·3	30·3	29·6	29·8	28·4	28·6	27·2	27·2	26·8	26·8	26·0	26·0	25·8	25·8	25·5	25·5
11	26·8	26·8	25·8	25·9	25·6	25·7	25·3	25·3	25·7	25·7	26·1	26·1	26·4	26·4	25·6	25·6	24·6	24·6	24·1	24·1	24·1	24·1	23·8	23·8	25·1	25·1
12	19·5	19·7	19·3	19·3	18·8	18·8	18·6	18·6	18·2	18·3	18·5	18·5	19·0	19·0	19·1	19·1	20·0	20·0	20·5	20·5	20·5	20·4	19·8	19·8	20·3	20·3
13	18·8	18·8	18·0	18·0	17·0	17·0	19·8	19·8	19·2	19·6	20·3	20·0	20·8	20·8	22·2	22·2	22·8	22·8	22·8	22·8	25·5	25·5	27·2	27·2	19·5	19·5
14	30·0	30·0	29·2	29·2	28·0	28·0	27·4	27·4	27·3	27·3	27·2	27·0	28·2	28·2	27·3	27·3	28·8	28·8	29·5	29·5	29·2	29·2	28·8	28·8	29·2	29·1
15	27·8	27·7	28·2	28·0	26·9	26·8	27·0	27·0	27·0	27·0	26·3	26·3	27·0	26·8	26·8	26·8	26·1	26·2	26·2	26·2	26·2	26·2	26·7	26·5	27·5	27·5
16	32·3	32·3	32·5	32·5	32·7	32·7	33·5	33·5	34·5	34·5	34·7	34·7	35·2	35·0	35·3	35·3	35·8	35·8	35·5	35·5	33·2	33·2	32·5	32·5	31·1	31·1
17	30·3	30·3	30·9	30·9	30·3	30·3	29·8	29·8	31·8	31·8	35·0	35·0	36·4	36·4	37·2	37·2	37·4	37·4	37·1	37·1	37·3	37·3	37·3	37·3	32·6	32·6
18	28·4	28·4	29·0	29·0	28·1	28·1	28·2	28·1	28·5	28·4	28·7	28·6	28·8	28·8	29·0	29·0	29·2	29·2	29·0	29·0	29·0	29·0	29·0	29·0	30·6	30·6
19	31·9	31·9	31·8	31·8	32·0	32·0	31·8	31·8	32·2	32·2	32·2	32·2	32·4	32·4	32·5	32·5	32·5	32·5	32·5	32·5	32·6	32·6	32·5	32·5	30·6	30·6
20	24·3	24·3	24·2	24·2	23·8	23·8	23·8	23·8	26·8	26·8	26·3	26·3	26·0	26·0	27·2	27·1	27·8	27·8	28·0	27·8	28·8	28·7	29·1	29·0	27·7	27·6
21	30·7	30·7	30·7	30·6	30·3	30·3	31·0	30·8	31·0	30·8	30·6	30·5	31·0	30·9	31·2	31·0	31·0	31·0	31·0	31·0	31·8	31·8	32·0	32·0	30·6	30·6
22	30·8	30·8	29·3	29·3	29·2	28·8	28·5	27·8	28·4	27·9	28·0	27·2	27·8	27·0	27·2	26·9	27·1	26·5	26·6	25·9	26·6	25·4	26·2	24·9	29·8	29·5
23	21·1	21·3	20·8	20·9	20·5	20·7	19·5	19·7	18·8	19·0	18·9	19·0	18·5	19·5	18·6	18·7	18·5	18·6	17·1	17·2	15·5	15·6	14·3	14·7	21·5	21·3
24	26·4	18·1	25·6	17·6	25·1	16·9	23·9	16·3	27·1	17·8	26·8	18·1	28·4	19·5	29·4	20·0	28·4	19·9	30·0	21·0	29·6	20·4	28·9	19·9	25·6	18·1
25	30·3	21·1	29·8	20·2	28·7	20·1	28·0	19·7	28·1	19·4	28·0	20·1	27·0	20·6	27·8	20·1	27·8	20·1	27·3	19·9	27·8	20·5	27·6	20·2	28·6	20·0
26	29·2	20·7	30·1	21·2	29·8	21·1	29·7	20·9	29·2	20·8	30·5	21·8	30·9	22·0	31·8	23·1	30·8	21·3	29·3	20·4	29·1	20·3	28·4	20·1	29·4	20·8
27	24·0	18·3	24·7	18·3	25·0	18·3	24·6	18·0	23·0	17·1	23·4	17·3	25·0	18·3	27·0	24·9	27·2	25·0	29·2	21·2	28·0	22·4	27·2	21·0	27·4	20·4
28	24·1	24·2	24·5	24·7	24·2	24·4	26·2	26·2	26·3	26·3	26·5	26·5	26·1	26·2	25·9	25·9	25·1	25·1	25·1	25·1	23·2	23·2	24·1	22·2	25·6	23·1
29	23·3	23·3	23·5	23·6	23·4	23·4	21·0	24·0	24·7	24·7	24·9	24·9	24·8	24·8	25·1	25·1	25·1	25·1	24·9	24·9	24·2	24·2	23·2	23·2	23·9	22·9
30	21·8	24·8	24·9	24·9	25·1	25·1	24·4	24·4	23·8	23·8	23·3	23·3	22·9	22·9	23·1	22·8	22·4	22·3	21·8	21·5	21·1	20·9	20·5	20·3	23·6	23·6
31	19·2	19·2	18·8	18·8	18·7	18·7	18·7	18·7	18·8	18·9	19·0	19·0	18·9	18·9	18·9	18·9	18·3	18·3	18·3	18·3	17·7	17·7	18·1	18·1	18·4	18·4
MEAN.	24·1	23·1	23·9	22·8	23·5	22·5	23·6	22·6	23·9	22·8	24·0	22·9	24·2	23·1	24·4	23·5	24·3	23·4	24·3	23·2	24·1	23·1	23·9	22·8	24·0	22·8

TEMPERATURE. DRY AND WET BULBS. DECEMBER 1892.

	1		2		3		4		5		6		7		8		9		10		11		12		For Day.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.
1	34·9	33·7	34·1	32·9	35·0	33·2	33·6	33·0	33·2	32·7	32·5	32·3	32·6	32·2	32·1	31·5	32·2	31·4	31·3	30·6	31·1	30·0	31·9	30·7	35·2	24·0
2	27·7	27·1	28·9	28·0	27·0	26·9	26·2	25·9	26·7	26·1	26·0	25·3	25·5	25·0	24·8	24·4	22·8	22·5	23·1	22·4	23·3	22·5	24·7	23·2	29·2	22·3
3	30·6	28·7	35·0	32·1	36·5	33·9	36·9	35·0	36·4	35·3	35·9	35·6	37·9	37·3	37·7	37·1	39·7	38·6	41·0	38·9	37·5	36·6	35·8	35·3	41·0	26·6
4	30·5	31·0	28·8	27·9	31·7	29·3	31·0	29·5	31·1	29·9	31·9	29·2	29·9	28·9	31·0	28·8	31·5	29·8	32·7	30·1	30·2	28·7	32·9	30·4	35·4	28·2
5	30·0	29·7	29·1	28·8	29·7	28·8	27·9	27·4	31·3	28·7	31·3	29·8	31·7	30·7	31·0	30·6	30·7	30·9	31·9	28·8	32·4	29·1	33·2	30·2	38·1	27·2
6	37·3	36·0	37·4	35·1	36·6	34·8	37·8	35·9	36·0	34·9	35·7	34·9	37·3	36·5	38·3	37·0	36·5	35·8	38·5	37·0	39·3	37·6	38·0	36·3	39·4	32·1
7	31·7	30·1	31·8	30·1	31·0	29·5	28·0	[28·0]	28·4	27·6	27·5	26·9	27·0	26·6	28·0	26·9	27·9	27·0	28·3	27·4	30·0	28·9	30·6	29·8	33·0	27·0
8	27·9	27·9	27·9	27·6	29·0	28·6	28·5	28·0	29·1	28·7	29·7	28·9	29·6	28·9	29·0	28·7	30·0	29·6	30·9	30·2	31·4	30·8	31·6	31·4	34·2	26·8
9	35·6	34·3	36·0	33·7	36·2	33·1	36·1	33·0	36·3	32·2	35·4	32·3	33·3	32·0	33·1	30·7	30·0	27·9	29·4	27·0	30·5	27·9	30·1	27·4	37·0	24·2
10	25·0	24·0	25·0	24·2	26·7	26·0	27·0	26·7	27·0	27·1	28·4	28·9	33·5	32·0	33·6	33·3	34·8	34·5	35·9	35·6	36·7	36·1	37·0	36·6	44·2	24·5
11	40·0	38·8	40·0	38·3	39·1	38·0	38·7	37·2	39·1	38·0	39·4	37·9	39·0	38·0	39·7	38·0	40·0	38·6	39·8	39·0	40·4	40·1	41·2	40·9	42·2	38·0
12	40·9	38·2	40·1	37·9	39·0	37·2	39·5	37·0	39·1	37·0	38·7	36·8	38·7	36·4	38·9	36·0	38·7	36·0	37·8	35·3	39·0	35·8	38·9	36·0	41·1	36·7
13	38·1	33·7	39·0	34·0	37·5	34·0	36·4	33·4	37·0	34·0	37·0	33·9	36·0	33·5	37·0	33·8	36·9	34·6	36·1	33·5	36·3	33·9	37·0	35·0	39·5	34·3
14	38·2	37·9	39·1	38·9	41·0	40·4	42·5	41·6	42·9	42·0	42·6	42·0	43·0	42·5	42·8	42·4	43·0	42·8	42·2	42·2	42·0	42·0	43·2	42·8	45·2	36·7
15	44·1	42·8	44·5	42·9	44·2	42·4	44·8	43·0	45·0	43·3	45·0	43·5	44·7	43·1	43·8	42·1	42·2	40·8	42·0	41·0	42·0	41·0	42·1	41·0	46·3	42·0
16	43·1	40·4	43·2	41·0	43·0	40·6	43·4	41·0	42·9	40·8	42·2	40·8	42·2	40·8	43·1	40·3	44·0	41·4	42·1	41·4	43·6	43·0	45·0	44·2	49·2	41·7
17	48·7	45·8	48·6	44·9	48·2	44·9	48·2	44·3	48·5	44·6	48·7	45·0	48·5	44·4	48·0	44·0	47·2	43·9	47·4	43·9	47·9	44·1	47·9	44·1	49·1	45·8
18	48·3	48·4	48·5	48·5	49·9	49·6	51·0	50·1	50·9	47·1	49·8	45·0	49·1	44·2	48·8	44·1	48·3	43·8	47·4	43·7	48·1	43·7	48·0	43·4	**51·8**	44·8
19	46·6	43·0	46·4	43·2	46·0	43·2	46·0	43·0	45·2	43·1	45·8	42·8	44·9	42·6	44·6	42·2	44·0	42·0	44·0	41·9	43·8	42·1	43·5	42·0	46·8	39·2
20	38·9	38·5	38·5	38·0	38·1	37·5	38·0	37·2	37·6	37·0	37·3	36·6	37·3	36·5	37·1	36·4	37·7	36·6	37·5	36·5	38·1	37·0	38·9	37·4	42·1	37·1
21	39·8	38·3	39·5	38·5	39·8	38·6	39·8	38·5	39·7	38·8	39·3	38·9	39·1	38·9	39·8	38·7	40·0	38·9	40·4	39·6	40·8	39·7	40·0	39·8	41·9	39·1
22	41·7	41·1	41·1	41·0	41·1	41·0	41·0	41·0	41·0	41·0	41·1	41·0	41·1	41·0	41·1	41·0	41·2	41·0	41·5	41·1	41·9	41·3	42·6	41·9	43·2	34·9
23	34·7	34·3	35·0	34·8	34·7	34·4	34·4	34·1	35·1	34·6	35·1	34·1	35·2	34·2	37·1	35·7	36·2	35·1	35·8	34·7	39·8	36·2	40·2	36·1	40·8	33·9
24	36·0	30·9	34·9	30·6	33·3	29·9	31·5	29·1	31·8	29·9	29·9	28·8	30·2	28·9	28·5	28·1	28·5	28·0	28·5	27·8	29·6	27·3	30·5	28·8	37·1	24·7
25	24·4	23·7	24·0	23·0	24·1	22·8	23·9	22·7	23·5	22·3	23·1	22·3	22·8	22·1	21·2	20·9	21·7	21·0	22·3	21·2	24·1	22·2	25·7	23·5	27·1	20·1
26	21·0	19·8	20·3	19·5	20·6	19·5	20·0	18·9	20·2	19·1	20·3	19·6	20·5	19·6	21·0	20·9	19·9	19·1	18·0	17·7	21·9	20·1	22·7	21·2	24·9	**17·9**
27	21·5	21·0	20·9	20·8	21·6	21·0	21·6	20·9	20·3	20·1	21·8	21·1	20·0	20·1	22·2	21·4	22·2	21·6	22·4	21·9	25·0	24·4	24·8	23·9	31·9	20·0
28	23·9	23·9	24·9	24·9	25·4	25·2	26·9	26·9	26·0	26·0	26·1	26·0	32·0	31·4	32·3	32·0	31·8	[31·0]	33·9	32·2	37·4	34·2	38·2	35·7	39·9	23·9
29	39·0	36·0	37·5	34·1	38·0	35·9	37·2	35·3	38·0	35·1	38·4	34·9	39·2	35·4	39·7	36·0	41·0	36·7	41·2	36·7	41·9	37·7	41·3	37·2	42·4	34·6
30	41·1	37·3	40·0	37·3	40·3	37·4	39·5	36·9	38·0	35·5	38·4	36·0	38·9	36·4	39·3	36·9	36·0	34·8	36·9	35·0	37·2	36·1	37·5	36·5	42·1	34·8
31	36·3	33·2	33·4	31·9	33·1	31·2	31·9	30·1	32·0	30·1	31·0	29·8	31·9	29·9	33·2	31·8	32·7	29·7	34·9	31·3	32·5	31·0	33·0	32·0	38·8	30·6
MEAN.	35·4	33·9	35·3	33·7	35·4	33·8	35·1	33·7	35·1	33·6	35·0	33·6	35·2	33·9	35·4	33·9	35·1	33·7	35·3	33·7	36·0	34·2	36·4	34·7	39·7	31·4

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	32·5	31·1	32·7	31·1	31·5	30·0	29·4	29·2	28·1	27·2	27·3	26·7	26·2	25·4	24·6	24·0	24·4	24·0	24·7	24·3	26·0	25·5	25·7	25·4	30·3	29·5
2	25·1	23·8	25·1	23·8	25·0	23·7	22·5	21·6	23·0	22·0	25·1	23·7	24·9	23·5	25·3	24·1	27·1	25·6	27·0	25·9	26·4	25·5	26·1	25·1	25·4	24·5
3	37·0	35·9	36·9	34·3	34·0	32·9	33·0	32·4	32·4	32·2	36·0	32·2	34·0	32·2	33·8	32·2	32·8	32·1	34·7	32·2	34·4	32·0	34·4	31·9	35·6	34·0
4	32·3	30·5	33·3	31·7	33·9	31·1	34·7	32·2	34·3	30·2	32·9	30·2	34·7	30·8	34·1	30·0	33·8	30·9	32·1	30·0	30·9	29·6	31·4	29·9	32·2	30·1
5	34·2	31·1	33·3	30·0	30·5	30·9	31·8	31·9	31·0	30·6	29·9	28·8	30·7	28·9	31·6	29·8	32·1	31·6	33·9	33·2	36·7	35·0	38·1	35·9	31·8	30·5
6	37·0	36·0	37·4	35·7	37·0	35·0	36·3	34·5	35·4	33·7	36·2	34·0	37·0	35·0	36·3	34·0	34·4	32·6	32·9	31·6	33·0	31·4	32·5	30·7	36·4	34·8
7	31·1	30·8	32·1	31·9	32·0	32·0	31·2	31·0	31·1	31·0	32·0	31·8	33·0	32·0	31·0	30·9	29·6	29·4	28·0	28·1	27·0	27·3	28·2	28·1	29·8	29·3
8	31·9	31·8	32·8	32·0	33·2	32·6	33·9	33·2	33·9	33·7	32·7	32·5	32·4	32·4	32·4	32·6	33·0	32·8	31·9	31·3	33·8	33·0	34·1	33·7	31·3	30·9
9	31·9	28·9	31·0	28·7	34·0	30·9	31·9	29·3	32·1	29·9	30·3	28·5	30·2	28·4	29·0	27·3	27·7	26·6	25·8	25·0	24·2	24·1	24·8	24·1	31·4	28·9
10	39·2	39·0	40·0	40·0	41·2	40·7	42·5	41·8	43·0	42·2	43·7	43·0	43·8	42·9	44·1	41·7	42·8	40·6	42·5	40·2	41·3	39·6	41·0	38·8	36·5	35·6
11	41·1	40·7	42·0	39·9	42·0	39·9	42·0	39·9	42·0	40·0	42·0	40·0	42·0	40·0	42·0	39·6	41·8	39·2	41·4	38·8	41·3	38·6	40·9	38·5	40·7	39·1
12	40·2	35·5	40·0	35·4	39·5	35·0	39·0	34·8	38·8	34·2	38·7	34·3	38·8	34·3	38·9	34·3	39·2	36·1	37·6	35·8	36·9	35·3	37·8	35·1	39·0	35·8
13	38·0	34·9	37·7	34·9	35·5	33·2	35·0	32·3	34·8	32·6	35·0	32·9	35·4	33·0	35·8	33·5	34·9	34·2	35·4	34·3	36·9	35·8	36·6	36·0	36·5	34·0
14	43·2	43·0	44·2	43·0	44·6	42·0	45·0	41·7	42·9	40·7	43·0	40·4	42·9	40·9	42·1	40·7	42·9	41·9	42·6	41·6	44·3	43·0	43·8	42·0	42·7	41·6
15	43·0	41·3	44·1	41·9	45·7	41·2	45·3	41·8	45·9	41·7	45·9	41·1	45·3	41·3	46·0	41·0	45·2	40·6	45·5	40·7	43·8	40·5	42·0	40·1	44·3	41·7
16	46·0	45·0	48·1	46·0	46·0	45·3	45·9	45·6	46·2	45·9	46·7	46·2	47·0	47·0	47·8	47·4	47·4	47·3	47·9	47·8	48·9	47·3	49·1	46·1	45·2	43·9
17	48·0	44·1	48·0	44·4	47·4	44·8	46·6	45·0	47·0	45·4	46·0	45·0	46·9	46·2	48·5	47·9	48·4	48·1	48·7	48·4	48·7	48·5	48·5	48·3	47·9	45·4
18	48·0	43·0	47·4	43·3	45·9	42·2	45·8	42·5	44·9	42·5	46·2	43·0	46·3	42·6	46·3	43·0	46·8	43·3	46·7	43·0	46·7	43·3	46·6	43·0	47·7	44·4
19	43·6	42·2	43·2	42·1	42·3	41·9	41·4	41·3	41·0	40·8	40·8	40·7	40·5	40·4	40·7	40·4	40·4	40·2	39·8	39·6	39·2	39·2	39·3	39·2	43·1	41·6
20	39·4	38·0	40·3	38·6	41·0	38·5	42·0	38·5	40·2	39·3	40·0	38·5	40·0	38·6	40·0	38·5	39·4	38·3	39·0	38·2	39·2	38·1	39·3	38·1	39·0	37·8
21	41·0	40·0	41·3	40·2	41·2	40·3	41·0	40·0	40·8	39·8	41·0	40·3	40·8	40·0	40·8	40·0	41·0	40·3	41·7	40·7	41·9	40·9	41·5	40·9	40·5	39·6
22	43·2	42·6	42·6	41·9	42·1	41·2	40·1	39·7	38·8	38·3	38·9	38·2	37·7	37·1	37·6	36·9	36·9	36·8	36·0	35·7	35·1	34·8	34·9	34·3	40·0	39·6
23	39·9	36·0	40·0	35·9	40·0	35·7	39·4	34·9	39·2	34·5	39·4	34·4	36·0	32·9	35·0	32·6	35·1	32·4	36·1	32·6	36·9	32·3	36·6	31·6	37·0	34·3
24	31·1	28·9	31·9	29·4	31·0	28·7	30·2	28·5	29·0	27·2	28·6	26·9	28·2	26·8	26·3	25·9	25·9	25·0	25·4	24·7	25·2	24·2	24·8	23·6	29·6	27·8
25	25·0	23·2	27·0	24·3	26·8	24·0	25·5	23·7	24·7	23·0	24·0	22·1	23·2	21·7	23·0	21·8	22·0	20·9	21·7	20·2	21·9	20·2	20·1	19·6	23·6	22·2
26	24·6	23·6	24·2	22·8	24·9	23·4	23·2	22·3	23·0	22·2	24·0	22·9	24·0	23·3	23·8	22·8	22·7	22·1	22·9	22·1	22·0	21·5	21·9	21·4	22·0	21·1
27	28·5	27·0	29·0	27·9	31·2	30·0	28·8	27·9	28·0	27·6	28·0	27·6	26·9	26·5	26·0	25·7	25·1	25·1	24·0	23·9	24·0	24·0	24·5	24·6	24·5	24·0
28	37·9	35·8	38·4	36·1	38·8	36·7	39·2	36·8	38·7	36·9	38·8	36·9	39·3	37·3	39·2	37·4	39·3	37·1	38·7	36·6	38·3	36·1	38·2	36·2	34·3	32·9
29	42·0	37·8	41·3	38·1	41·9	38·4	41·7	37·8	41·6	38·2	41·5	38·3	41·4	38·5	41·4	38·7	41·4	38·9	41·1	38·7	40·2	38·0	39·9	36·8	40·3	37·1
30	38·7	36·8	38·0	36·7	37·7	36·8	37·0	36·0	36·8	35·3	36·6	34·2	35·9	33·9	35·3	33·9	35·9	33·5	35·4	33·2	35·0	33·1	35·0	33·0	37·5	35·5
31	33·2	32·2	37·0	32·2	38·4	33·3	38·4	33·8	38·6	33·6	38·2	33·9	38·2	33·6	38·0	33·1	37·5	33·0	37·5	33·0	37·2	32·9	36·9	32·6	35·2	32·1
MEAN.	37·0	35·2	37·4	35·3	37·3	35·2	36·8	34·9	36·4	34·6	36·4	34·5	36·2	34·4	36·0	34·2	35·7	34·2	35·4	33·9	35·4	33·9	35·3	33·7	35·8	34·2

RAINFALL. INCHES FOR HOUR ENDING— JANUARY 1892.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.
1	·021	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	[·010]	·013	0·044
2	·032	·042	·032	·043	·065	·050	·065	·090	·070	·065	·061	·061	·032	·024	·083	·092	·123	·060	·043	·081	·061	·100	·062	·073	1·510
3	[·010]	–	[·010]	–	[·010]	[·010]	[·010]	[·010]	–	[·010]	[·010]	–	–	–	–	–	–	–	–	–	–	–	–	–	0·080
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·015	·032	·040	·078	0·165
5	·080	·045	·072	·088	·080	·108	·158	·117	·040	·040	·099	·020	·012	–	–	–	–	–	–	–	–	–	–	–	0·959
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7	–	·040	·036	·019	·017	·020	·001	–	·016	–	–	–	–	–	–	·032	·080	·060	·027	·012	·034	·037	·015	·020	0·466
8	·062	·040	·045	·052	·060	·080	·045	·060	·060	·025	·100	·110	[·100]	[·100]	[·050]	[·020]	[·020]	[·010]	–	–	–	–	–	–	1·039
9	–	–	–	–	–	–	–	–	–	–	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	0·001
10	–	–	[·010]	[·010]	–	[·010]	–	[·010]	–	[·010]	·015	·010	·005	–	–	–	–	–	–	–	–	–	–	–	0·080
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·010	–	–	·016	·013	·020	·010	·013	·050	0·132
12	·034	·047	·031	·023	·031	·020	·001	·003	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·190
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·011	·020	·035	·040	·027	–	·011	·053	·049	0·246
14	·040	·022	·047	·053	·160	–	–	–	·020	·020	·049	–	–	·002	·016	·033	·020	·058	·035	·032	·088	·052	·016	·053	0·816
15	·002	·024	–	–	–	–	–		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·026
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·070	·007	·003	–	–	–	0·080
19	·011	·002	·009	·010	·008	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·041
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	[·020]	[·020]	[·020]	[·010]	[·010]	[·010]	–	[·010]	0·100
22	–	–	–	–	–	–	·016	·023	·014	·017	·017	·019	·016	·010	·008	·012	·027	·046	·045	·021	·020	·015	·009	·003	0·338
23	·020	·017	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·051	·071	·147	·069	·012	·020	·018	·050	0·475
24	·032	·058	·010	·018	·062	·106	·018	·046	·008	·032	·004	·053	·053	·031	·030	·083	·031	·016	·060	·036	·047	·048	·031	·027	0·940
25	·050	·042	·029	·058	·011	·022	·013	·012	·013	·012	·044	·001	·003	·002	–	–	–	·032	·018	·011	·010	·008	·009	·009	0·409
26	–	–	–	–	·027	·042	·038	·019	·019	·050	·093	·043	·060	·003	–	–	–	–	–	·142	·138	·222	·059	·187	1·142
27	·241	·224	·152	·334	·244	·225	·138	·272	·208	·280	·175	·270	·141	·065	·038	·058	·143	·060	·040	·037	·022	·062	·020	·030	3·479
28	·038	·025	·040	·037	·004	·009	·007	·066	·043	·102	·063	·184	·279	·082	·130	·130	·290	·124	·382	·063	·213	·184	·240	·281	3·016
29	·364	·319	·460	·413	·444	·425	·367	·419	·279	·125	·119	·043	·043	·044	·120	·152	·262	·250	·264	·098	·243	·081	·120	·022	**5·476**
30	·004	·008	·010	–	·022	·014	·021	·005	·019	–	–	·053	·038	·028	·068	·050	·069	·042	·023	·042	·018	·030	·050	·053	0·667
31	·049	·013	·031	·024	·010	·039	·020	·019	·011	·002	–	–	–	–	–	–	–	–	–	–	[·020]	[·030]	[·050]	·088	0·406
SUM	1·090	0·968	1·024	1·182	1·255	1·181	0·918	1·171	0·820	0·790	0·850	0·867	0·782	0·391	0·543	0·683	1·156	0·884	1·230	0·701	0·974	0·952	0·815	1·096	22·323

RAINFALL FEBRUARY 1892.

1	·096	·122	·221	·130	·349	·308	·295	·245	[·200]	[·200]	[·200]	[·200]	[·200]	·047	·079	·080	·052	·099	·066	·079	·081	·110	·062	·052	**3·573**
2	·054	·053	·011	·018	·039	·082	·060	·036	·016	·053	·037	·107	·093	·078	·057	[·020]	–	–	–	–	–	–	–	–	0·814
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	[·010]	·011	·002	·006	·015	·006	–	–	–	0·050
4	–	–	–	–	–	–	–	–	–	–	–	–	[·100]	·078	·067	·074	·023	·013	·019	·069	·089	·110	·038	·056	0·736
5	·052	·099	·038	·024	·045	·069	·047	·058	·066	·011	·019	·016	·019	·035	·011	·047	·049	·054	·071	·083	·098	·069	·050	·066	1·196
6	·038	·063	·032	·038	·018	·041	·015	·005	–	·005	·017	·011	·044	·038	034	·020	·029	·016	·019	·012	–	–	–	–	0·495
7	–	–	–	·003	·004	·021	·042	·039	·070	·232	·224	·113	·080	·209	·093	·201	·098	·096	·039	·079	·100	·090	·111	·052	1·996
8	·050	·062	·003	·120	·107	·096	·059	·041	·007	–	–	–	–	·008	·007	·001	–	–	–	–	–	–	–	–	0·561
9	–	–	–	–	–	·072	·010	·020	·014	·025	·003	·012	·011	·011	·011	·022	–	–	–	–	–	·041	·021	·032	0·305
10	·010	·019	·017	·027	·022	·011	·023	·025	·030	·018	·027	·017	·013	[·010]	·015	[·020]	·031	·053	·004	[·030]	·049	[·040]	[·040]	·044	0·595
11	·022	·022	·030	·073	·007	·048	·018	·018	–	–	–	–	–	–	–	–	–	–	–	–	–	·020	·016	·018	0·292
12	·041	·055	·027	·020	·007	·033	·018	·103	·083	[·050]	·035	·088	·028	[·030]	·027	[·010]	·011	·003	·002	·014	·049	·013	·001	-	0·748
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·017	–	–	–	0·017
14	·006	·035	·044	·021	·016	·024	·028	·023	·038	·020	·020	·020	·019	·023	·018	·009	·014	·039	·011	·012	·007	·013	·004	·028	0·492
15	·011	·007	·005	·008	·002	·014	·011	·003	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·061
16	–	–	–	–	·050	·014	·012	·013	–	·005	·003	·009	·010	–	–	–	–	–	–	–	–	–	–	·012	0·128
17	·021	·028	·030	·020	·011	·010	·011	·009	·002	·007	·008	·005	·003	–	–	·001	–	·004	·004	–	–	–	–	–	0·174
18	–	–	–	–		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19	–	–	–	–		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
21	–	–	–	–	–	–	–	[·010]	[·010]	[·010]	[·010]	[·010]	[·010]	–	–	–	–	–	–	–	–	–	–	–	·060
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	-
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	-
27	–	–	–	–	–		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·001	–	–	·001	0·002
29	·004		–	–	–	–	–	·001	–	–	–	·003	·001	–	–	–	–	–	–	–	–	–	–	–	0·009
SUM	0·405	0·565	0·458	0·502	0·677	0·843	0·649	0·649	0·536	0·636	0·603	0·611	0·631	0·567	0·419	0·515	0·318	0·379	0·241	0·393	0·497	0·506	0·343	0·361	12·304

RAINFALL. INCHES FOR HOUR ENDING— JANUARY 1892.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.
1	·003	–	–	–	·006	·004	–	–	·004	–	–	·003	·001	·001	·001	·002	–	–	–	–	–	–	–	–	0·025
2	–	–	–	–	·004	–	·016	·008	·005	–	–	–	–	·006	·006	·070	·046	·010	·002	·040	·022	·026	·012	·016	0·289
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	[0·027]
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	[0·045]
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	[0·249]
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	[0·320]
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	[0·187]
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	[0·560]
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	[0·007]
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	[0·064]
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	[0·030]
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	[0·059]
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	[0·150]
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	[0·558]
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	[0·020]
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17	–	–	–	–	–	–	–		–	–	–	–	–	–	–	–	–	–	–	·002	·001	–	·001	·001	0·005
18	–	–	–	–	·002	–	·002	–	–	–	–	–	–	–	–	–	–	·033	·016	·001	–	–	–	·011	0·065
19	·006	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·006
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·001	·001	0·002
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·020	·060	·085	·044	·042	·031	–	–	–	–	0·282
22	–	–	–	–		·003	·008	·011	–	·056	–	·025	·026	·026	·069	·034	·025	·036	·024	·024	·008	·009	·004	·003	0·391
23	·009	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·017	·027	·041	·050	–	·020	·007	·038	0·209
24	·006	·008	·002	·006	·010	·022	·002	·008	·004	·012	–	·003	·006	·015	·014	·040	·037	–	·005	·003	·008	·040	·001	–	0·252
25	·008	–	–	·034	–	–	–	·004	–	–	–	–	–	–	–	–	·001	·001	·001	·001	·001	·001	–	–	0·052
26	–	–	–	·027	·034	·064	·049	·015	·020	·028	·004	·004	–	·002	·001	–	–	–	–	·061	·143	·075	·053	·070	0·650
27	·157	·150	·140	·122	·118	·052	·068	·122	·190	·098	·005	·017	·002	–	–	·016	·052	·003	·005	·028	–	·050	·002	–	1·397
28	·029	·009	·004	·008	–	–	·003	·008	·099	·100	·078	·112	·073	·009	·003	·005	·019	·011	·025	–	·017	·031	·060	·130	0·833
29	·135	·110	·174	·207	·170	·166	·180	·180	·030	·015	–	–	–	–	–	·008	·030	·041	·012	·002	·027	–	–	·003	**1·490**
30	–	·005	–	–	–	·002	–	–	–	–	–	·026	·014	·005	·010	·015	·033	·010	–	·005	–	·002	·016	·022	0·165
31	·014	·002	·006	·009	–	·019	–	·004	–	·002	–	–	–	–	–	–	–	–	–	–	·020	·030	·019	·023	0·148
SUM	0·367	0·284	0·326	0·413	0·344	0·332	0·328	0·360	0·352	0·311	0·087	0·190	0·122	0·064	0·124	0·250	0·345	0·216	0·173	0·248	0·247	0·284	0·176	0·318	8·537

RAINFALL. FEBRUARY 1892.

1	·101	·017	·010	·070	·138	·112	·040	·078	·030	·075	·047	·050	·058	·002	·023	·024	·005	·009	·002	·028	·092	·038	·012	–	**1·061**
2	·065	·020	·020	·020	·020	·020	·020	·010	·005	·013	·028	·072	·097	·006	–	–	–	–	–	–	–	–	–	–	0·366
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
4	–	–	–	–	–	–	–	–	–	–	–	·034	·128	·028	·011	·007	–	–	–	·047	·025	·052	–	·016	0·348
5	–	·035	·007	–	·008	·022	·009	·010	·010	·018	–	–	–	–	–	·034	·006	·062	·026	·020	·047	·015	·010	·040	0·379
6	·008	·008	·006	–	–	·010	·002	–	–	–	–	–	–	·009	·001	·005	–	–	–	–	–	–	–	–	0·049
7	–	–	–	–	·007	·012	·030	·026	·042	·044	·011	·008	–	·002	·001	·015	·042	·018	·002	·013	·007	·010	·039	·002	0·326
8	·008	·029	–	·022	·042	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·101
9	·001	·001	–	–	–	·002	–	–	·002	·004	–	·002	·003	·002	·005	·003	·002	–	–	–	·010	·007	·003	·008	0·055
10	·007	·006	·006	·003	·008	·002	·007	·004	·004	·003	–	·003	–	–	–	–	–	·002	·001	–	–	–	·005	–	0·061
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12	–	–	–	–	–	–	–	·002	·001	–	–	–	–	–	–	–	–	–	–	–	·002	–	–	–	0·005
13	–	–	·003	–	–	–	–	–	–	–	–	·003	–	–	–	–	·001	–	–	–	–	–	–	–	0·007
14	·004	·002	·002	·002	–	·002	·003	·001	·010	·002	·020	·017	·003	·008	–	–	·002	–	–	–	–	–	·007	·003	0·088
15	·001	·001	·001	·002	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·005
16	–	–	–	[·010]	[·010]	[·005]	[·005]	[·005]	[·005]	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·040
17	–	·005	·005	–	–	–	·005	·006	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·021
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
21	–	–	–	–	–	–	–	–	–	–	[·004]	[·005]	[·005]	–	–	–	–	–	–	–	–	–	–	–	0·014
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·001	·001	0·002
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
SUM	0·145	0·124	0·060	0·129	0·233	0·187	0·121	0·137	0·109	0·159	0·110	0·194	0·294	0·057	0·041	0·088	0·058	0·091	0·031	0·108	0·183	0·122	0·077	0·070	2·928

RAINFALL. INCHES FOR HOUR ENDING— MARCH 1892.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·012	·022	·023	·021	·018	0·096
8	·023	·028	·033	·026	·002	–	–	–	–	·010	·017	·023	·031	·020	·020	·021	·026	·060	·044	·009	·019	·053	·020	·044	0·529
9	·064	·075	–	·003	·003	·036	[·020]	·004	–	–	–	·002	·001	–	–	·013	·062	·033	·021	·021	·038	·049	·031	·073	0·549
10	[·030]	·033	·021	–	–	–	·006	·008	·008	·020	·007	–	–	–	–	–	–	–	–	–	–	–	–	–	0·133
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·003	–	·003	·008	·006	–	·001	0·021
13	–	–	–	–	–	–	–	–	–	–	–	–	–	·002	·003	·008	·010	–	·020	·012	·004	·002	·003	·004	0·068
14	·008	·002	·001	·002	–	–	·003	·005	·023	·028	·028	–	–	–	–	–	–	–	–	–	–	–	–	–	0·100
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·010	·012	·029	·113	·030	·010	–	0·204
17	–	–	–	·035	·324	·218	·122	·104	·192	·194	·214	·042	–	·009	–	–	–	–	–	–	–	–	–	–	**1·454**
18	·011	·018	–	·008	·035	·036	·027	–	·005	·023	·052	·063	·045	–	–	–	–	–	–	–	–	–	–	–	0·323
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
21	–	–	–	–	–	–	–	–	·013	·021	·020	–	–	–	–	–	·070	·012	·040	·013	–	–	–	–	0·189
22	–	–	–	–	–	–	–	–	·013	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·013
23	·008	·007	·011	·004	·003	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·033
24	–	–	·009	·009	·007	·013	·021	·015	·005	·010	·011	·015	·022	·021	·012	·005	–	–	–	–	–	·007	·013	·005	0·200
25	·016	·025	·014	·017	·009	·007	·029	·017	·018	·028	·011	·012	·013	·015	·018	·012	·038	·025	·038	·046	·031	·038	·030	·026	0·533
26	·057	·082	·089	·074	·105	·118	·047	·036	·023	·038	·025	·076	·016	·040	·021	·028	·013	·025	·017	·013	·008	·003	·004	–	0·958
27	·001	·001	–	–	–	–	–	–	–	–	–	–	–	–	·001	·001	–	–	–	–	–	–	–	–	0·004
28	–	–	–	·001	·008	–	–	–	–	–	–	–	–	–	–	·007	–	–	–	–	–	–	–	–	0·016
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
31	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
SUM	0·218	0·271	0·178	0·179	0·496	0·428	0·275	0·189	0·300	0·372	0·385	0·233	0·128	0·107	0·075	0·095	0·219	0·168	0·192	0·158	0·243	0·211	0·132	0·171	5·423

RAINFALL. APRIL 1892.

1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
5	–	–	–	–	–	–	·037	·045	·008	·023	·006	·017	–	·007	·010	·002	–	–	·017	·002	·003	–	–	–	0·177
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·003	–	·027	–	·030	·069	·006	–	–	0·135
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12	–	–	–	–	–	–	–	·004	–	–	–	–	–	–	–	–	–	[·005]	[·005]	·010	·003	·006	–	·004	0·037
13	–	–	–	–	–	–	–	–	–	–	–	–	–	·039	·016	·107	·043	·014	·020	–	·011	–	–	–	0·250
14	–	–	–	–	–	–	–	–	–	–	–	–	–	·002	·001	–	–	·007	–	–	–	–	–	–	0·010
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·011	·002	·013	–	·023	·031	–	–	–	–	0·080
16	–	–	–	–	–	–	–	–	–	–	–	·002	·021	–	–	–	–	·070	·011	–	–	–	–	–	0·104
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·019	·004	·016	·015	·015	–	–	–	·024	–	0·093
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·054	–	–	–	–	–	–	0·054
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·010	·011	·010	·018	·033	·055	0·137
20	·022	·018	·013	·008	·002	–	–	–	–	–	–	–	–	–	–	–	–	–	·001	·016	·031	·013	·005	·001	0·130
21	·018	·001	·033	·018	·034	·001	–	–	–	–	·090	·029	·030	·027	·018	·027	·033	·032	·039	·068	·105	·052	·050	·005	0·710
22	–	·010	·023	·005	·005	·025	·002	·008	·022	–	·020	–	·013	·027	·008	–	–	·010	·030	·026	·021	·009	·013	·010	0·287
23	·034	·040	·020	·063	·012	·010	·010	·020	·037	·074	·003	·004	·010	–	·032	·030	·011	·011	·083	·020	·053	·025	·010	·018	0·630
24	·070	·073	·041	·050	·027	·033	·064	·078	·056	–	·005	·010	·011	·011	·025	·045	·027	·036	·019	·059	·023	·079	·071	·012	0·925
25	·012	·010	·010	–	–	–	·016	·045	·030	·023	·001	·001	·001	·001	·010	·050	–	–	–	–	–	–	–	–	0·210
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
27	–	·019	·010	·012	·015	·014	·010	·026	·084	·029	–	–	–	·004	–	·010	·022	·018	·039	·053	·018	·013	·020	·020	0·436
28	–	–	–	–	–	–	–	–	–	–	–	·054	·028	·010	–	–	–	–	–	–	–	–	–	–	0·090
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·020	·122	·030	·015	·064	0·251
30	·040	·044	·219	·054	·100	·082	·107	·082	·060	·068	·021	·111	·001	·025	·025	·010	·028	·019	·010	·020	·011	·011	·010	·013	**1·171**
SUM	0·196	0·215	0·369	0·210	0·195	0·165	0·246	0·308	0·297	0·217	0·146	0·228	0·115	0·153	0·175	0·290	0·193	0·318	0·322	0·366	0·480	0·262	0·251	0·202	5·919

RAINFALL. INCHES FOR HOUR ENDING— MARCH 1892.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	[·005]	[·010]	[·005]	[·005]	0·025
8	[·005]	[·005]	[·005]	[·005]	[·005]	[·005]	[·005]	–	–	–	[·010]	[·010]	[·005]	[·005]	[·005]	–	–	–	–	–	·005	·005	·005	·005	0·090
9	–	–	–	–	–	–	–	–	–	–	–	–	[·010]	[·010]	[·010]	[·020]	[·020]	[·020]	[·020]	[·020]	[·020]	[·020]	[·010]	–	0·180
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·031	·111	·038	–	·012	·001	·003	–	0·196
17	–	·002	–	·002	·020	·103	·024	·113	·093	·055	·118	·044	–	–	–	–	–	–	–	–	–	·001	·001	–	**0·576**
18	–	–	–	–	·043	·056	·002	·002	·002	·063	·085	·054	·018	–	–	–	–	–	–	–	–	–	–	–	0·325
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
21	–	–	–	–	–	–	–	–	·002	·003	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·005
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
24	–	–	–	–	–	–	·001	·001	·002	–	–	–	–	–	–	·001	·001	–	–	–	·001	·001	–	–	0·008
25	·006	–	·015	–	·005	·002	–	·012	·009	·007	–	·010	·001	·009	·002	·008	·002	·008	·010	·004	·007	·028	·040	·018	0·203
26	·010	·023	·047	·076	·042	·003	·012	–	–	–	[·001]	[·001]	[·001]	[·001]	[·001]	[·001]	[·001]	[·001]	[·001]	[·001]	–	–	–	–	0·223
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
28	–	–	–	–	–	–	–	–	–	–	–	·003	–	–	–	·003	–	–	–	·002	–	–	–	–	0·008
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
31	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
SUM	0·021	0·030	0·067	0·083	0·115	0·169	0·044	0·128	0·108	0·128	0·214	0·122	0·035	0·025	0·018	0·033	0·055	0·140	0·069	0·027	0·050	0·066	0·064	0·028	1·839

RAINFALL. APRIL 1892.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
5	–	–	–	–	–	–	–	–	·023	·012	–	·005	–	–	–	–	·002	·001	–	–	–	–	–	–	0·043
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7	–	–	–	–	·001	·001	·001	·001	·001	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·006
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
13	–	–	–	–	–	–	–	–	–	–	–	–	–	[·003]	[·003]	[·003]	[·003]	[·003]	[·003]	[·001]	–	–	–	–	0·019
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	[·002]	[·003]	[·003]	[·003]	[·002]	[·002]	[·002]	–	–	–	0·017
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17	–	–	–	–	–	–	–	–	–	–	–	–	·002	·004	·003	·001	–	–	–	–	–	–	–	–	0·010
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·028	·060	·015	·048	0·151
20	·008	–	·002	–	–	–	·002	–	–	–	–	–	–	–	–	–	–	–	–	·058	·029	·013	–	–	0·112
21	–	–	·003	·005	·001	–	·010	–	·001	·001	·016	·030	·010	·007	·004	·024	·028	·043	·027	·048	·051	·022	·028	–	0·359
22	–	–	·002	–	–	·035	·003	·001	–	–	–	–	–	–	–	–	–	–	·010	–	–	–	–	·002	0·053
23	–	·010	–	·038	–	–	–	·014	·006	–	–	–	–	–	–	·020	–	–	·013	·002	·009	·004	·010	·003	0·129
24	–	·036	·003	·012	·010	·010	·008	·018	·010	–	–	–	–	–	–	·003	·017	·012	·008	–	·007	·022	·020	–	0·196
25	–	–	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·001
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
27	–	–	·010	·058	·120	·011	·030	[·070]	[·102]	·056	–	–	–	–	–	–	–	–	–	–	–	–	–	–	**0·457**
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·001	·001	·001	0·003
29	–	–	–	–	·001	·002	·002	–	–	–	–	–	–	–	–	–	–	–	–	–	·069	·048	·002	·011	0·135
30	–	·015	·083	·043	·040	·009	·011	·008	·029	·010	–	·007	–	–	–	–	·004	–	–	–	–	·002	·003	·006	0·270
SUM	0·008	0·061	0·104	0·156	0·173	0·068	0·067	0·112	0·172	0·080	0·016	0·042	0·012	0·014	0·012	0·054	0·057	0·062	0·063	0·111	0·195	0·172	0·079	0·071	1·961

RAINFALL. INCHES FOR HOUR ENDING— MAY 1892.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.
1	·011	·009	·002	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–	–	–	–	–	–	0·022
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3	–	–	–	–	–	–	–	–	–	–	·016	–	–	–	–	–	–	–	–	–	–	–	–	–	0·016
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7	–	–	–	–	–	–	–	–	·013	·039	·008	·043	·040	·039	·010	·009	·005	–	·030	·008	·014	·075	·050	·044	0·427
8	·022	·006	·010	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·010	–	·018	·019	·014	·027	·029	0·155
9	·022	·070	·001	·007	·009	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·109
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·025	–	·031	–	·012	·017	·049	0·134
13	·026	·014	–	–	–	–	–	–	·020	·026	·022	·034	·010	·034	·126	·034	·025	·116	·050	·036	·013	·022	·063	·091	0·762
14	·118	·090	·109	·235	·162	·042	·031	·018	–	–	·016	·084	·073	·011	·050	–	–	·014	–	·008	·033	·003	·009	·029	1·135
15	·068	·033	·053	·129	·081	·033	·034	·024	·019	·065	·094	·121	·255	·027	·034	·053	·271	·191	·298	·300	·167	·230	·194	·106	**2·880**
16	·050	·117	·026	·060	·104	·132	·063	·117	·060	·070	·082	·102	·053	·120	·051	·040	·210	·069	·036	·038	·012	–	–	–	1·612
17	–	–	–	·030	·100	·027	–	–	–	–	·010	·011	–	–	–	–	–	–	–	–	–	–	–	–	0·178
18	–	–	–	·002	·012	·008	·018	·015	·013	·038	·034	·029	·031	·073	·051	·238	·010	·015	·064	·018	·052	·010	·003	–	0·734
19	·033	·011	–	·013	·012	·022	–	–	·010	·009	–	·002	·002	–	–	–	–	–	·008	·008	·020	·075	·008	·041	0·274
20	·053	·043	·090	·110	·023	·011	·048	·035	·045	·045	·012	·042	·006	·031	·019	·001	–	–	–	–	–	–	–	–	0·614
21	·011	·049	·005	–	–	·010	–	–	–	–	·054	·185	·035	·012	·060	·036	·021	·011	–	–	–	·003	–	–	0·492
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·001	–	–	–	·001	–	·010	·004	·006	·015	0·037
23	·009	·010	·001	·010	·007	·024	·001	–	·004	·009	·001	·001	–	–	–	–	–	–	–	·011	·028	·089	·027	·025	0·257
24	·130	·092	·017	·008	·207	·218	·024	·006	–	·010	·055	·023	·283	·022	·013	–	–	–	–	–	–	–	–	–	1·113
25	–	–	–	–	–	–	–	·022	·023	·020	·023	·139	·087	·100	·085	·074	·031	·018	·011	·008	–	–	–	–	0·641
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·003	·019	0·022
27	·009	·013	·010	·008	·025	·046	·017	·008	·043	·003	·013	·003	–	–	–	–	·011	–	–	–	–	–	–	–	0·209
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·080	·050	·091	·056	·010	·011	·014	·113	·010	·011	0·446
29	·012	·021	·010	·010	·010	·013	·028	·045	·053	·119	·110	·102	·190	·222	·018	·010	·045	·008	·008	–	–	–	–	–	1·034
30	–	–	–	–	·002	·005	·003	·002	–	–	–	·008	·027	·101	·023	·018	·003	–	·015	·062	·089	·038	·017	–	0·413
31	–	–	–	·060	·024	·008	·120	·022	·012	–	–		–	·021	·013	·019	·029	·010	–	–	–	–	·016	–	0·354
SUM	0·574	0·578	0·334	0·682	0·778	0·599	0·387	0·314	0·315	0·453	0·550	0·934	1·092	0·813	0·634	0·582	0·752	0·543	0·531	0·557	0·471	0·688	0·450	0·459	14·070

RAINFALL. JUNE 1892.

1	·019	·008	·040	·039	·069	·017	·058	·041	·022	·011	–	–	·033	·036	·040	·097	·047	–	·011	·091	·082	·018	·003	–	0·782
2	–	–	–	–	–	–	–	–	·080	·092	·096	·080	·021	·020	·013	·020	·113	·017	·045	·034	·053	·034	·011	·023	0·752
3	·012	·028	·020	·074	·103	·030	·091	·047	·080	·047	·085	·056	·018	·011	·018	·012	·093	·090	·040	·008	·010	·002	–	·032	1·007
4	·002	·013	–	–	–	–	–	·072	·027	·009	·024	–	·018	·015	·009	·022	·013	·022	·029	·022	·010	·012	·005	·014	0·338
5	·010	·011	·013	·011	·010	·011	·019	·002	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·087
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7	–	–	·034	·003	·004	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·041
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·030	·027	·024	·115	·082	·035	·020	·055	·020	0·408
11	·034	·035	·022	·010	·026	·008	·013	·011	–	–	–	–	–	–	·014	·002	–	–	–	–	–	·002	·016	·004	0·197
12	–	–	–	–	–	–	–	·120	·010	·022	·011	·041	·037	·022	·046	·062	·010	·081	·023	·012	·006	·010	·008	·010	0·531
13	·002	·022	·012	·004	·002	–	–	–	–	–	–	–	–	–	–	–	–	–	·030	–	·008	–	–	–	0·080
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
15	–	–	–	–	–	–	–	–	–	–	–	·014	·012	·028	·080	·021	·020	·010	–	·024	·022	·030	·009	·008	0·278
16	·003	·003	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·006
17	–	–	–	·010	·009	·022	·005	·003	·010	·092	·070	·024	·059	·025	·051	·023	·007	·006	–	–	·018	·005	·003	–	0·442
18	–	–	·005	–	–	–	–	–	–	·002	·009	·003	–	·019	·070	·129	·061	·021	–	–	–	–	–	–	0·319
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·066	·011	·013	·010	·038	·051	·008	·016	0·213
20	·004	·043	·096	·057	·012	·015	·011	·005	–	–	–	–	–	–	–	–	·016	–	–	–	–	–	–	–	0·259
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22	–	–	–	–	–	–	–	–	–	·019	·012	·002	–	–	–	–	–	–	–	–	–	–	–	–	0·033
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·086	·020	–	–	–	–	–	–	–	–	0·106
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
25	–	–	–	–	–	–	–	–	–	–	·009	·020	·050	·099	·111	·128	·008	·023	·031	·065	·100	·051	·037	·023	0·755
26	·016	·029	·010	·024	·015	·032	·018	·031	·068	·054	·038	·042	·035	·067	·107	·096	·223	·144	·209	·192	·066	·033	·023	·006	**1·578**
27	·046	·075	·186	·023	·013	–	–	·013	·033	·093	·035	·033	·025	·068	·092	·063	·064	·152	·043	·051	·066	·024	·011	·004	1·213
28	–	·001	·009	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·019
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
30	–	–	–	–	–	–	–	–	–	–	–	–	–	·018	–	·027	·027	·007	·047	–	–	–	–	–	0·126
SUM	0·148	0·268	0·447	0·255	0·263	0·135	0·215	0·345	0·330	0·441	0·389	0·315	0·308	0·428	0·737	0·752	0·795	0·608	0·636	0·591	0·514	0·292	0·189	0·160	9·561

RAINFALL. INCHES FOR HOUR ENDING— MAY 1892.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.
1	·018	·014	·004	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·036
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·020	0·020
8	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·004	–	·002	0·007
9	·003	·014	·004	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·021
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·010	–	–	·010	·032	0·052
13	·010	·008	–	–	–	·006	–	·001	·013	·020	–	·003	·005	–	·020	·007	·005	·060	·028	·005	·001	·009	·020	·060	0·281
14	·120	·076	·070	·062	·047	·013	·008	·001	–	–	·020	·017	·014	·029	·066	·002	–	–	–	–	·001	–	–	·020	0·566
15	·051	·039	·041	·083	·042	·080	·055	·037	–	·021	·070	·047	·061	·013	–	–	·020	·070	·017	·142	·067	·073	·076	·029	**1·134**
16	·128	·050	·068	·079	·190	·106	·028	·033	·010	·010	·003	·059	·030	·040	·007	·028	·023	·007	–	·003	–	–	–	–	0·902
17	–	–	–	–	·008	·004	–	–	–	–	·012	·006	–	–	–	–	–	–	·003	–	–	–	–	–	0·033
18	–	–	–	–	–	–	–	·021	·010	·028	·011	·050	·050	·079	–	·017	–	–	·028	–	–	·004	–	–	0·298
19	–	–	–	·003	·003	–	–	·004	–	–	–	–	–	·004	–	–	·003	–	–	·008	·023	·070	·058	·032	0·208
20	·041	·010	–	·018	–	–	·020	·010	–	–	–	–	–	·012	·018	–	–	–	–	·003	–	–	–	–	0·132
21	–	–	–	–	–	–	–	–	–	–	·022	·030	–	·019	·042	·004	·003	–	–	–	–	–	–	–	0·120
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·017	·041	·050	0·108
23	·020	·010	·032	·031	–	·009	·003	–	–	–	–	–	–	–	–	–	–	–	–	–	·009	·013	·030	·046	0·203
24	·040	·030	–	–	·058	·181	·009	–	–	–	–	·080	·012	–	–	–	–	–	–	–	–	·003	·003	–	0·416
25	–	–	–	–	–	–	–	·010	–	–	·003	·037	·077	·074	·070	·010	·010	–	–	–	–	–	–	–	0·291
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
27	–	–	·012	·005	·003	·010	·019	·027	·003	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·079
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·010	–	·012	–	–	–	·006	–	–	0·028
29	–	·012	–	–	–	–	·020	·043	·009	·015	·013	·075	·107	·036	·012	–	·012	·003	–	–	–	–	–	–	0·357
30	–	–	–	–	–	–	–	–	–	–	–	–	–	·051	–	–	–	–	·002	·096	·398	·005	·010	·005	0·567
31	–	–	·021	·003	·023	·038	·006	·007	–	–	–	–	·003	–	–	–	·004	–	–	–	–	·003	–	–	0·108
SUM	0·432	0·263	0·252	0·284	0·374	0·447	0·168	0·194	0·045	0·094	0·154	0·404	0·359	0·357	0·235	0·078	0·080	0·152	0·078	0·267	0·499	0·207	0·248	0·296	5·967

RAINFALL. JUNE 1892.

1	–	–	–	·005	·068	–	–	·009	·010	–	–	–	–	·010	·027	·003	–	–	–	·038	–	·002	·003	–	0·175
2	–	–	–	–	–	–	–	–	·007	·039	·048	·056	·030	·008	–	·005	·053	·020	–	·003	·005	–	–	–	0·274
3	–	·080	·064	·005	·070	·006	·055	·019	·029	·009	·013	·050	–	·030	·018	·004	·075	·025	·005	–	–	–	·004	·006	0·567
4	–	·008	–	–	–	–	·005	·040	·020	–	–	–	–	·040	·009	·014	–	·004	·010	·030	–	·003	–	–	0·183
5	–	–	–	–	·020	·009	·003	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·032
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·012	·048	·098	·025	·006	·065	·116	0·370
11	·050	·040	·048	·007	·003	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·148
12	–	–	–	–	–	–	–	·020	·007	–	–	–	–	–	·012	·036	·010	–	·004	·009	–	–	–	–	0·098
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
15	–	–	–	–	–	–	–	–	–	–	–	–	·010	·020	·029	·006	–	–	·003	–	–	–	–	–	0·068
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17	–	–	–	·010	–	–	–	–	–	–	–	·007	–	·038	·020	–	–	–	·005	·007	–	–	–	–	0·087
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·035	·023	·010	–	–	–	–	–	–	0·068
19	–	–	–	–	–	–	–	–	–	–	–	·012	·007	–	–	·018	–	–	–	·003	·008	·010	·005	·005	0·068
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·024	–	–	–	·003	–	–	–	–	–	0·027
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
25	–	–	–	–	–	–	–	–	–	–	–	–	·015	·033	·059	·073	·060	·062	·044	·022	·018	·004	–	·003	0·393
26	·010	·019	–	·008	–	–	–	·027	·040	·016	·028	·022	·013	·040	·042	·017	·030	·067	·156	·192	·018	·003	–	–	**0·748**
27	–	·060	·082	·008	–	–	–	–	·012	–	–	·030	·028	·050	·060	·054	·092	·010	·003	·005	·004	–	–	–	0·498
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·032	·008	·027	–	–	–	–	–	–	0·067
SUM	0·060	0·207	0·194	0·043	0·161	0·015	0·063	0·115	0·125	0·064	0·089	0·177	0·103	0·269	0·300	0·297	0·351	0·237	0·281	0·407	0·078	0·028	0·077	0·130	3·871

RAINFALL. INCHES FOR HOUR ENDING— JULY 1892.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night	Amount.
1	–	–	·016	·022	·019	·019	·039	·022	·080	·025	·010	·033	·039	·071	–	·016	–	–	–	–	–	–	–	–	0·411
2	–	–	–	–	–	–	–	·010	·032	·013	·013	·006	·029	·015	·040	·083	·094	·064	·092	·352	·070	·118	·069	·065	1·165
3	·062	·123	·020	·062	·053	·152	·105	·024	·010	·001	·024	·055	·037	·011	·021	·004	·010	–	·017	·001	·029	·035	·033	·021	0·910
4	·039	·032	·045	·034	·014	·013	·010	·001	–	·002	–	–	–	–	–	–	–	–	–	·013	·020	·013	·010	·005	0·251
5	·040	·163	·052	·029	·108	·150	·068	·110	·042	·105	·173	·103	·010	·099	·023	·136	·150	·130	·033	·009	·006	·011	·001	–	**1·751**
6	·009	·005	·018	·010	·003	·007	·007	–	·080	–	–	–	–	·005	·035	·100	·028	·118	·094	·338	·120	·310	·053	·100	1·440
7	·050	·148	·031	·017	·017	·040	·120	·086	·097	·120	·063	·010	·005	·003	·031	·006	·089	·007	·073	·015	·020	·027	·087	·087	1·249
8	·102	·070	·032	·018	·044	·041	·104	·091	–	·055	·030	·097	·037	·007	·070	·048	–	·149	·045	·080	·032	·090	·023	·038	1·303
9	·037	·017	·015	·034	·009	·018	·008	–	–	·008	·023	–	·010	–	–	–	–	–	·018	·011	–	–	–	–	0·208
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12	–	–		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·010	–	–	·001	–	·009	·012	·018	0·050
19	·080	·120	·065	·073	·119	·235	·209	·237	·096	·061	·008	·100	·060	·013	·025	·008	·010	·008	·008	·003	–	–	–	–	1·538
20	–	–	–	–	–	·005	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·005
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·032	–	–	0·032
22	·037	·005	·008	–	–	–	–	–	–	–	–	·016	–	·021	·016	·007	–	–	·001	–	–	–	·013	·002	0·126
23	·008	·007	·004	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·019
24		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·005	·006	·010	·008	·008	·008	·012	0·057
31	·009	·008	·002	·009	·025	·016	–	–	–	–	–	–	–	–	–	–	–	–	·072	·041	·015	·033	·062	·023	0·315
SUM	0·473	0·698	0·308	0·308	0·411	0·696	0·670	0·581	0·437	0·390	0·344	0·420	0·227	0·245	0·261	0·408	0·391	0·481	0·459	0·874	0·320	0·686	0·371	0·371	10·830

RAINFALL. AUGUST 1892.

1	·027	·016	·013	·012	·008	·010	·017	·007	·019	·032	·028	·006	–	–	–	–	–	–	–	–	–	–	–	–	0·195
2	–	·007	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·017	·001	·010	·027	·009	·054	0·126
3	·081	·045	·005	·007	·004	·012	·018	·012	·007	–	·098	·103	·087	·010	·005	·005	–	–	–	–	–	–	–	–	0·499
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·008	–	·002	·003	·030	·021	·060	0·124
5	·017	·014	·032	·098	·123	·317	·132	·024	·027	·124	·104	·197	·171	·022	·004	·002	–	–	·028	·139	·033	·123	·040	·067	**1·838**
6	·023	·051	·090	·057	·071	·029	·078	·128	·129	·036	·039	·078	·098	·037	·100	·022	·003	·001		–	–	–	–	·001	1·071
7	–	–	–	·003	–	–	–	·046	–	–	–	–	–	–	–	–	–	–	·037	·002	·001	·002	–	–	0·091
8	–	–	–	–	–	·006	·008	·012	–	·007	·120	·047	·029	·001	·007	–	–	–	·016	·007	·003	–	–	–	0·263
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11	·009	–	·064	·182	·006	–	·005	·009	–	·002	·109	–	·030	·013	·108	·009	·049	·022	·019	·025	·006	·031	·020	·018	0·756
12	–	·012	·007	–	–	–	–	–	–	·001	·001	–	–	–	–	–	–	–	·033	·046	·185	·129	·167	·117	0·698
13	·249	·137	·187	·068	·096	·028	·003	·002	–	–	·012	–	·097	·042	–	·002	·001	–	–	·019	·026	·046	·062	·069	1·146
14	·092	·159	·127	·212	·112	·049	·007	·011	·161	·036	·140	·038	·192	·052	·019	·011	·006	·002	·021	·022	·004	–	·039	·038	1·550
15	·124	·102	·007	·007	·135	·023	·031	·052	·017	·012	·017	–	·037	·007	·130	·029	·011	·027	·007	·028	·027	–	·078	·032	0·940
16	·008	·022	–	·005	·003	·001	·002	–	–	·001	·024	–	–	·004	–	–	–	–	–	–	·006	·003	–	–	0·079
17	–	–	–	·003	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·003
18	–	–	–	–	–	·001	·001	·001	·019	·067	·041	·019	·004	–	·001	·025	·002	·007	–	·012	–	·006	–	–	0·206
19	–	·007	–	·006	–	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·014
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	·036	·046	·079	·209	0·370
21	·045	·051	·138	·096	·085	·206	·197	·030	·043	·014	·027	·036	·032	·004	–	·002	–	–	–	–	–	–	–	–	1·006
22	–	–	–	·033	·052	·003	·002	·002	·002	·010	·032	·053	·011	·026	·003	·003	·001	–	–	–	–	–	–	–	0·233
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
24	–	–	–	·061	·128	·107	·139	·056	·080	·003	·003	–	–	–	·182	–	·022	·001	–	–	–	–		–	0·782
25	–	–	–	–	–	–	–	–	–	–	–	·022	–	·022	·068	·060	·177	·045	·053	·032	·005	·008	·060	·004	0·556
26	·009	·003	·013	·017	·013	·006	–	–	–	–	·001	–	–	·073	·221	·129	·021	·016	·004	·009	–	·003	·011	·028	0·577
27	·001	·003	·009	·041	·147	·069	·101	·029	·098	·282	·207	·007	·026	·002	·021	·007	·004	–	–	–	–	–	·098	·004	1·156
28	·001	·001	–	·010	·003	·034	·001	·009	·009	·009	·018	–	·003	·001	–	·002	·001	·001	–	–	–	–	–	–	0·103
29	–	–	–	–	·007	–	–	–	–	–	–	–	–	–	–	–	–	·001	–	·011	·023	·017	·018	·008	0·085
30	·020	·010	·020	·044	·047	·114	·022	·040	·006	·002	–	–	·009	–	·001	·005	·020	·082	·060	·013	·045	·014	·004	·003	0·581
31	·001	·013	·049	·046	·037	·023	·008	·024	·006	·002	·004	·010	–	·002	·003	·006	·047	·012	–	–	–	·023	·081	·020	0·417
SUM	0·707	0·653	0·762	1·008	1·077	1·039	0·772	0·494	0·623	0·640	1·025	0·616	0·826	0·318	0·873	0·319	0·385	0·225	0·295	0·368	0·413	0·508	0·787	0·732	15·465

RAINFALL. INCHES FOR HOUR ENDING— JULY 1892.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.
1	–	–	–	·003	·022	·009	·011	–	–	–	–	–	–	·003	–	–	–	–	–	–	–	–	–	–	0·048
2	–	–	–	–	–	–	–	·005	·017	·005	–	–	·028	·041	·042	·060	·037	·060	·089	·155	·006	·114	·108	·009	0·776
3	·010	·100	·020	·089	·121	·018	·059	·028	–	·004	–	·061	·007	–	–	·010	–	·005	·008	·004	·038	·018	·026	·066	0·692
4	·055	·031	·071	·028	·005	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·008	·007	–	·003	0·208
5	·042	·132	·160	·021	·098	·007	·029	·043	·016	·114	·010	·029	–	–	·020	·018	·014	·042	·005	·008	·010	–	–	–	0·818
6	–	–	–	–	–	–	–	–	·053	–	–	–	–	–	·034	·100	·056	·072	·112	·179	·078	·117	–	·073	**0·874**
7	·020	·016	–	·003	·010	·051	–	–	–	·006	–	–	–	–	–	–	·038	–	·105	·041	–	·080	·126	·019	0·515
8	·080	·091	·050	·012	·030	·048	·056	·048	·003	·006	·020	–	·010	–	·008	·048	–	·022	·034	–	·006	·010	·007	·005	0·594
9	·026	·010	·003	–	–	·002	–	–	–	–	–	–	–	–	–	–	–	·012	–	–	–	–	–	–	0·053
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·005	–	·004	0·009
19	·031	·022	·083	·065	·115	·185	·140	·080	·021	–	–	–	·005	·007	·010	·005	·003	–	–	–	–	–	–	–	0·772
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·005	·005	–	0·010
22	–	–	–	–	–	–	–	–	–	–	–	–	–	·018	–	–	–	–	–	–	–	–	–	–	0·018
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·004	–	0·004
31	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·003	–	·044	·023	–	·008	·005	–	0·083
SUM	0·264	0·402	0·387	0·221	0·401	0·320	0·295	0·204	0·110	0·135	0·030	0·090	0·050	0·069	0·114	0·241	0·151	0·213	0·397	0·410	0·146	0·364	0·281	0·179	5·474

RAINFALL. AUGUST 1892.

1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2	–	–	·005	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·005
3	–	–	–	–	–	–	–	–	–	–	–	–	–	·004	–	–	–	–	–	–	–	–	–	–	0·004
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·004	–	·002	–	–	–	·011	·011	·009	0·037
5	–	·013	·030	·038	·044	·136	·062	–	·042	·100	·141	·247	·150	·005	–	–	–	–	·025	·037	·060	·058	–	·045	1·233
6	·035	·082	·043	–	·020	·005	·016	·054	·023	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·278
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8	–	–	–	–	–	–	–	–	–	–	–	·005	·005	–	–	–	–	–	–	–	–	–	–	–	0·010
9	–	–	–	·003	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·003
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11	·020	·003	·065	·092	–	·020	–	–	–	–	·010	·018	·012	–	·004	–	·019	·007	·005	·015	·005	·002	·003	–	0·300
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·008	·065	·047	·017	·043	0·180
13	·094	·116	·150	·028	·052	–	–	–	–	–	–	–	–	–	–	–	·030	–	·003	·037	·007	·020	·003	·067	0·607
14	·123	·090	·110	·032	·018	·180	·030	·028	·225	·104	·120	·225	·115	·060	·010	·005	–	·003	·002	–	·020	–	·020	·006	**1·526**
15	·016	·073	·043	–	·050	–	·005	·017	·020	·005	–	–	·023	·070	·088	·022	–	–	–	·003	–	–	–	·003	0·438
16	–	·003	–	–	–	–	–	–	–	–	–	–	–	–	–	·004	–	·003	·023	·003	–	–	–	–	0·036
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18	–	–	–	–	–	–	–	–	·023	·027	·032	·010	·003	–	–	–	–	–	·002	·007	–	–	·003	–	0·107
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·097	·103	·240	·089	0·529
21	·024	·010	·038	·028	·012	·048	·143	·042	·044	·012	·021	·030	·012	–	·004	–	–	–	–	·003	–	–	–	–	0·471
22	–	–	–	·010	–	–	–	–	–	–	·029	·041	·020	–	–	–	–	–	–	–	–	–	–	·003	0·103
23	·003	–	–	–	–	·004	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·007
24	–	–	–	–	·039	·070	·162	·078	·108	·023	–	–	–	–	·053	–	·005	·003	·003	·004	–	–	–	·003	0·551
25	–	–	–	–	·002	–	–	–	–	–	–	–	–	–	·026	–	·004	–	·010	–	–	–	·028	–	0·070
26	–	–	–	–	–	–	–	–	–	–	–	–	–	·067	·153	·198	·008	–	·004	–	–	–	·008	·072	0·510
27	–	–	–	·048	·432	·102	·103	·040	·045	·014	·062	·011	·009	–	·003	·006	–	–	–	–	–	–	·009	–	0·884
28	–	–	–	–	–	–	–	–	–	·002	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·002
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
30	·007	·006	–	·019	·003	·013	·011	·003	–	–	–	·020	·010	–	–	–	–	·040	·027	·009	–	–	·004	–	0·172
31	–	–	·017	·012	·007	·018	·010	·017	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·081
SUM	0·322	0·396	0·501	0·310	0·679	0·596	0·542	0·279	0·530	0·287	0·415	0·607	0·359	0·206	0·341	0·239	0·066	0·058	0·104	0·126	0·254	0·241	0·346	0·340	8·144

RAINFALL. INCHES FOR HOUR ENDING— SEPTEMBER 1892.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.
1	·007	·002	·002	·002	·003	·006	·010	·030	·091	·090	·058	·053	·157	·066	·035	·171	·067	·007	·001	·003	·023	·022	·002	·004	0·912
2	·014	·001	–	·010	·040	·019	·014	·077	·002	·440	·139	·097	·014	·048	·007	·006	·004	·022	–	–	–	–	–	·078	1·032
3	·199	·008	·020	–	·006	·006	·032	·050	·059	·191	·034	·001	–	–	·023	–	·002	·001	–	–	–	–	–	–	0·632
4	·019	·005	·002	·001	·002	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·029
5	–	–	–	–	–	·006	·003	·001	·001	·006	·008	·005	–	·003	·008	·007	·018	·028	·029	·051	·090	·081	·107	·079	0·531
6	·033	·008	·003	·008	·002	·028	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·082
7	–	–	–	–	–	–	–	–	–	·039	·099	·069	·024	·007	·048	·004	·009	·004	·004	·002	·002	–	–	–	0·311
8	–	–	–	–	–	–	·008	·002	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·010
9	–	·002	·001	·009	·006	·004	·005	·006	·004	·004	·001	–	·001	–	·	–	–	–	·007	·059	·090	·007	·004	·002	0·212
10	–	·001	·001	·002	–	·059	·001	·050	·002	·006	·003	–	–	–	–	–	–	–	–	·021	–	·006	·021	·004	0·177
11	·039	·033	·020	·028	·030	·003	·007	·037	·013	·106	·070	·079	·001	·001	·005	·132	·018	·003	·047	·032	·011	·022	·018	·004	0·759
12	·001	–	·003	·010	·055	·012	·098	·107	·093	·052	·107	·131	·048	·059	·077	·038	·065	·086	·050	·050	·041	·060	·081	·090	1·414
13	·082	·023	·004	·006	·012	·060	·143	·178	·050	·021	·006	·003	–	–	–	–	–	–	–	–	–	–	–	–	0·588
14	·002	·017	·002	·035	·004	·008	·041	–	·016	·012	·036	·026	·029	·030	·049	·100	·080	·102	·081	·039	·036	·118	·162	·207	1·232
15	·110	·054	·058	·006	·003	·001	–	–	·001	·067	·021	·010	·001	·007	·040	·018	·002	·001	·060	·070	·039	·021	·064	·064	0·718
16	·076	·129	·050	·068	·003	·021	·028	·031	·028	·056	·043	·030	·055	·091	·122	·211	·197	·173	·097	·109	·159	·117	·049	·023	1·966
17	·012	·008	·001	·001	–	–	–	–	–	–	·009	·001	·002	·004	·007	·021	·073	·030	·013	·011	·013	·050	·063	·069	0·388
18	·050	·098	·115	·146	·120	·061	·138	·170	·068	·041	·078	·042	·071	·085	·077	·028	·027	·009	·011	·010	·013	·011	·018	·032	1·519
19	·038	·071	·032	·100	·118	·005	–	–	·019	·001	·001	·001	·001	·002	–	–	–	–	–	–	–	–	–	–	0·389
20	-	–	–	–	·003	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·003
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	-
23	–	–	–	–	–	–	–	–	–	–	–	·009	·009	·002	·001	·006	·001	·003	·005	·100	·152	·158	·032	·007	0·485
24	·005	·026	·173	·168	·052	·046	·021	·109	·060	·189	·001	·063	·018	·017	·010	·155	·102	·056	·040	·079	·106	·213	·167	·122	**1·998**
25	·210	·104	·459	·300	·057	·069	·010	·082	·160	·015	·008	·164	·032	–	·004	·031	·034	·044	·018	·046	·004	·002	·001	·003	1·857
26	–	·005	·052	·010	–	·019	·021	·004	·005	·002	–	·006	·009	·111	·082	·019	·034	·080	·064	·111	·271	·168	·050	·023	1·146
27	·040	·112	·149	·080	·110	·102	·019	·007	·100	·090	–	·003	·004	·022	·007	·022	·220	·108	·115	·087	·093	·163	·033	·028	1·714
28	·010	·006	·006	·005	·012	·053	·060	·006	·035	·066	·055	·040	·019	·040	·080	·092	·009	·009	·074	·020	·078	·029	·041	·033	0·878
29	·038	·040	·062	·050	·052	·052	·086	·066	·067	·015	·002	·017	·099	·028	·028	·010	·047	·028	·070	·007	·002	·008	·004	–	0·878
30	–	–	·003	·023	·007	·002	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·036
SUM	0·985	0·753	1·218	1·068	0·697	0·642	0·746	1·013	0·874	1·509	0·779	0·850	0·594	0·623	0·710	1·071	1·009	0·794	0·786	0·907	1·223	1·256	0·917	0·872	21·896

RAINFALL. OCTOBER 1892.

1	·002	·005	·011	·010	·009	·029	·022	·037	·019	–	–	–	–	–	–	–	–	·001	–	–	–	–	–	–	0·145
2	–	–	–	–	–	·004	·	–	·002	–	·044	·130	·168	·152	·045	–	–	–	–	–	–	–	–	–	0·545
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·023	–	–	·099	·090	·091	·080	0·383
4	·058	·021	·057	·123	·104	·100	·046	·051	·092	·067	·062	·039	·031	·011	·007	–	–	–	–	–	–	–	–	–	0·869
5	–	–	–	–	–	–	–	–	–	–	–	–	·068	·120	·188	·130	·291	·395	·108	·140	·043	·130	·021	·106	**1·740**
6	·111	·011	·018	·027	·030	·005	·001	·001	·007	·006	·005	·007	·050	·011	·076	·008	–	·005	·001	–	–	–	–	–	0·380
7	·011	·017	·001	–	·003	·010	–	·005	–	·008	·058	·075	·004	·009	–	–	–	–	–	·001	–	–	–	–	0·202
8	·003	·028	·011	·009	·002	·003	·002	·003	·004	·007	–	·007	–	·011	·002	–	–	–	·007	·017	·017	·023	·036	·079	0·271
9	·147	·027	·108	·028	·025	·011	·002	·004	·001	·008	·010	·112	·108	·148	·074	·050	·068	·061	·072	·026	·007	·009	·003	·026	1·135
10	·019	·011	·009	·006	·010	·003	–	–	–	–	–	–	–	–	–	–	–	–	·002	·005	·001	·003	–	–	0·069
11	·007	·008	·022	·004	·006	–	–	–	–	–	–	–	–	–	·006	·011	·013	·019	·003	·018	·015	·003	·007	–	0·142
12	–	·002	·004	·002	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·002	·002	·002	–	–	0·015
13	·001	·001	·002	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·003	·005	·001	–	–	–	–	0·013
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
15	–	-	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·002	·001	·002	0·005
16	–	–	–	–	–	–	–	·006	·008	–	–	·007	·004	–	–	–	–	–	–	–	–	–	·001	–	0·026
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19	·015	·012	·003	·002	·010	·021	·005	·025	·004	–	·002	·002	·017	·008	·010	·063	·022	·019	·008	·001	·001	·002	·004	–	0·256
20	·001	·009	·001	·001	–	·003	·008	·011	·003	–	·012	·001	–	–	–	–	–	–	–	–	–	–	·004	·036	0·090
21	·033	·012	·009	·005	·002	·002	·003	·007	·002	·001	–	–	·011	·028	·011	–	–	–	–	–	–	–	–	–	0·126
22	–	–	–	–	–	–	–	·001	·013	·029	·005	–	–	·014	·009	·014	·006	·003	·003	·006	·010	·007	·016	·005	0·141
23	·006	·009	·010	·005	·003	·005	·007	–	–	–	–	–	–	·003	·013	·016	·008	·007	·020	·028	·022	·030	·001	–	0·193
24	–	-	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	-	–	–	–	–	-
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	-
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
27	–	–	–	–	–	–	–	–	–	[·030]	[·030]	[·019]	·035	·010	·011	–	–	–	–	·002	·040	·048	·129	·152	0·506
28	·094	·023	·035	·035	·083	·020	·006	·003	·004	·018	·063	·006	·089	·048	·021	·010	·022	·013	·016	·046	·022	·004	·040	·009	0·730
29	·014	·011	·006	·045	·011	·038	·038	·083	·110	·048	·017	·012	·048	·011	·083	·089	·032	·016	·028	·031	·022	·014	·006	·003	0·816
30	·001	·004	·008	·001	·001	–	·031	·013	·007	·017	·012	·007	·003	·008	·061	·030	–	–	·006	–	·008	·011	·032	·019	0·280
31	·052	·053	·005	·036	·019	–	·025	·021	·018	–	·026	·013	[·026]	·063	[·026]	·016	·006	·010	-	·020	–	·006	·009	–	0·450
SUM	0·575	0·264	0·320	0·339	0·319	0·254	0·196	0·271	0·294	0·239	0·346	0·437	0·662	0·655	0·643	0·437	0·468	0·575	0·279	0·344	0·309	0·384	0·401	0·517	9·528

RAINFALL. INCHES FOR HOUR ENDING— SEPTEMBER 1892.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.
1	–	–	–	–	–	–	·009	·068	·082	·050	·004	·016	·048	·008	·037	·020	·024	·004	·047	·003	·003	·004	–	–	0·427
2	·005	·004	–	·010	·143	–	–	·005	·018	·094	·059	·028	·003	·018	–	–	–	·020	–	–	–	–	–	·019	0·426
3	·112	–	–	–		–	·003	·004	·004	·052	·038	–	–	–	·003	–	–	–	·003	–	·003	–	–	–	0·222
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
5	–	–	–	–	–	–	–	–	–	–	·003	–	·002	–	–	–	·003	·020	·012	·025	·022	·030	·050	·030	0·197
6	·005	·007	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·012
7	–	–	–	–	–	–	–	–	–	·050	·023	·010	–	–	·038	–	–	–	–	–	–	–	–	–	0·121
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·012	·038	–	–	–	0·050
10	–	–	–	–	–	·012	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·003	–	–	–	0·015
11	·015	·010	·003	·010	·010	–	–	·002	·084	·163	·048	·002	–	–	–	·098	·023	–	·079	·032	·008	·048	–	–	0·635
12	–	–	–	–	–	·017	·055	·080	·029	·059	·080	·066	·048	·033	·080	·041	·052	·115	·063	·052	·044	·064	·029	·070	1·077
13	·042	·018	·021	–	·040	·048	·144	·152	·060	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·525
14	–	–	·016	·003	·041	–	–	–	·030	·048	·070	·119	·050	·078	·188	·148	·185	·155	·035	·010	·052	·062	·108	·145	**1·543**
15	·092	·070	·115	–	–	–	–	–	–	·030	–	–	–	–	·008	·003	–	·004	·018	·010	·007	·020	·068	·074	0·519
16	·059	·011	·020	·020	–	–	–	–	·011	–	–	·018	·148	·067	·066	·151	·054	·023	·031	·003	·010	·017	–	–	0·709
17	–	–	–	–	–	–	–	–	–	–	–	–	·008	·010	·010	·060	·042	·020	–	·022	·018	·043	·107	·110	0·450
18	·078	·104	·088	·102	·095	·032	·145	·150	·085	·045	·068	·044	·022	·046	·009	–	·017	–	–	·004	·009	·009	·007	·016	1·175
19	·023	–	·006	·050	·050	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·129
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·035	·112	·155	·018	–	0·320
24	–	·060	·135	·060	–	·075	–	·048	·004	·058	–	·010	·005	·003	·002	·020	·060	·073	·029	·051	·059	·158	·140	·170	1·220
25	·250	·272	·076	·092	·050	·050	–	·070	·038	·014	–	–	–	·005	·004	·015	·014	·015	·017	·007	·003	–	–	·002	0·994
26	–	–	·007	·015	–	·018	·058	·113	·003	·003	–	·020	·003	·066	·051	·002	·011	·020	·007	·047	·203	·110	·045	·045	0·847
27	·018	·092	·085	·037	·148	·170	[·040]	[·060]	[·100]	[·068]	·120	–	·004	·046	·033	·047	·075	·140	·058	·042	·015	·023	·006	–	1·427
28	–	–	–	–	·002	·039	–	–	–	–	·012	·010	·002	·016	·020	–	·040	·005	·055	·010	·010	·032	·081	·067	0·401
29	·032	·068	·109	·095	·069	·049	·040	·038	·061	·009	–	–	·063	·037	·080	·010	·036	·067	·010	·087	–	·004	·012	·012	0·988
30	–	–	–	·002	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·002
SUM.	0·731	0·716	0·681	0·496	0·648	0·510	0·494	0·790	0·609	0·743	0·525	0·343	0·406	0·433	0·629	0·615	0·636	0·681	0·464	0·452	0·619	0·779	0·671	0·760	14·431

RAINFALL. OCTOBER 1892.

1	–	–	–	–	–	·023	·004	·011	·052	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·090
2	–	–	–	–	–	–	–	–	–	–	–	·043	·062	·117	·098	–	–	–	–	–	–	–	–	–	0·320
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·010	·152	·123	0·285
4	·075	·043	·047	·050	·054	·086	·057	·046	·047	·030	–	·012	·028	·003	·004	–	–	–	–	–	–	–	–	–	0·582
5	–	–	–	–	–	–	–	–	–	–	–	–	·008	·057	·040	·040	·053	·085	·047	·067	·003	·019	–	·021	0·440
6	·027	–	–	–	·013	–	–	–	–	·003	·012	·003	·020	·004	·003	–	–	–	–	–	–	–	–	–	0·085
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8	–	–	·002	–	–	–	–	–	–	·002	–	–	–	–	–	–	–	–	–	–	·014	·054	·149	·143	0·364
9	·093	·019	·010	–	·033	·025	–	–	–	·015	·003	–	·030	·033	·027	–	·017	·003	·025	·003	·002	–	–	–	0·338
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·003	–	–	–	–	–	0·003
19	·003	·009	–	–	·005	–	–	·020	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·037
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·004	·014	0·018
21	·015	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·015
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·005	·013	·005	–	0·023
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
27	·067	·113	·100	·080	·020	·027	–	–	·013	·050	·023	·070	·012	·018	·032	–	–	·006	–	·003	·011	·060	·130	·132	**0·967**
28	·068	·018	·059	·050	·093	·013	·002	·002	–	–	·005	·027	·023	·030	·005	·005	·005	·045	·040	·125	·055	–	–	–	0·670
29	–	–	–	·050	·025	·055	·050	·040	·050	·050	–	·060	·060	–	–	–	–	–	·003	·003	·004	–	–	–	0·450
30	·017	–	·013	·005	·015	–	·068	·011	·101	·160	·027	·028	·015	·040	·015	·017	–	–	·003	·005	·018	–	·012	·003	0·573
31	·017	·017	–	–	–	–	–	–	–	–	–	–	–	·026	–	·024	–	–	·004	·006	–	–	–	–	0·094
SUM.	0·382	0·219	0·231	0·235	0·258	0·229	0·181	0·130	0·263	0·310	0·070	0·243	0·258	0·328	0·224	0·086	0·075	0·139	0·125	0·212	0·112	0·156	0·452	0·436	5·354

RAINFALL. INCHES FOR HOUR ENDING— NOVEMBER 1892.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.
1	·010	–	–	–	·001	–	–	–	–	–	–	·001	–	–	–	–	–	–	–	–	–	–	–	–	0·012
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·009	·004	·003	–	–	–	–	0·016
3	–	–	–	–	–	–	–	·018	·017	·097	·053	·065	·140	·001	·015	–	·024	·009	·002	·001	–	–	–	–	0·442
4	–	–	–	·012	·049	·072	·024	·019	·036	·154	–	–	–	–	–	–	–	–	–	–	–	·042	·039	·035	0·482
5	·100	·032	·004	·048	·012	·040	·007	·001	·053	·042	–	·007	·012	–	–	–	·003	–	–	–	·050	·030	·007	·069	0·517
6	·014	·011	·009	·003	–	·037	·035	·022	·063	·071	·023	·005	–	·035	–	–	·011	·053	–	–	–	–	–	–	0·392
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8	–	·043	·170	·020	[·050]	·035	·012	·004	·008	·008	·025	·028	·080	·050	·022	·055	·046	·031	·071	·043	·021	·083	·100	·155	1·160
9	·173	·115	·212	·100	·109	·055	·042	·022	·010	·084	·092	·042	·012	–	·010	–	–	–	–	–	–	–	–	–	1·078
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11	–	–	–	–	–	–	·040	·028	·015	–	–	–	–	–	–	–	–	–	–	·002	–	–	–	·002	0·087
12	–	·001	·001	·002	–	–	–	–	–	–	–	–	–	–	–	–	–	·001	–	–	·026	·070	·115	·104	0·320
13	·046	·033	·025	·002		–	–	–	–	·003	–	–	–	·002	·001	–	–	–	–	–	–	–	–	–	0·112
14	–	–	–	–	–	–	–	–	–	·005	·011	·021	·074	·116	·151	·079	·070	·156	·177	·238	·140	·143	·100	·025	1·506
15	·067	·056	·067	·069	·031	·039	·008	·036	·048	·040	·016	·007	·037	·013	·025	·054	·008	–	·002	–	–	–	–	–	0·623
16	·021	–	–	–	–	·011	·011	·030	[·036]	·028	·023	·021	·058	·016	·009	·014	·001	·005	–	–	–	–	·015	–	0·299
17	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·001
18	–	–	–	–	–	·019	·030	·026	·016	·010	·010	·001	–	–	·002	–	–	–	–	–	–	–	–	–	0·114
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·006	·009	·004	–	·002	·001	·002	·005	·002	0·031
20	–	·028	·012	·012	·001	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·054
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–	–	–	–	–	–
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·008	·017	·018	0·043
26	·019	·029	·001	·002	·002	·010	·036	·097	·092	·023	·023	·009	·003	·005	·003	·003	·003	–	·002	·008	·020	·015	·013	·005	0·423
27	·002	–	·002	·010	·006	·002	·032	·004	·009	·033	·019	·150	·014	·035	·027	·015	·005	·028	·044	·055	·038	·066	·040	·040	0·676
28	·037	·050	·063	·040	·063	·120	·161	·176	·122	·150	·085	·187	·090	[·107]	·080	·128	·211	·155	·275	·257	·305	·342	·166	·073	**3·443**
29	·090	·113	·028	·032	·047	·055	·011	·045	·022	·043	·037	[·100]	·086	[·122]	·050	·072	·073	·030	·030	·068	·015	·072	·008	·017	1·266
30	·012	·007	·009	·027	·030	·021	·015	·027	·022	·010	–	–	·067	·046	·006	·106	·053	·039	·015	·090	·018	·077	·006	·063	0·766
SUM.	0·592	0·518	0·603	0·379	0·401	0·517	0·464	0·555	0·569	0·801	0·417	0·644	0·673	0·548	0·401	0·532	0·517	0·520	0·622	0·767	0·634	0·950	0·631	0·608	13·863

RAINFALL. DECEMBER 1892.

1	·002	·002	·001	·009	·025	·007	·003	·010	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·059
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3	–	–	–	–	–	–	–	–	[·028]	·011	·100	·087	·070	·015	·053	·046	·007	·005	·075	·055	·085	·040	·009	·007	0·693
4	·006	·030	·009	·006	·007	·010	·012	·009	–	–	–	–	–	–	·012	·010	–	–	–	–	–	–	–	–	0·111
5	·090	·017	·018	·011	·002	–	–	·005	–	–	–	·006	·002	·005	·087	·072	·025	·007	·007	·004	·006	·014	·030	·011	0·419
6	·051	·020	·050	·010	·018	·016	·022	·040	·035	·030	·017	·043	·020	·018	·009	·007	·011	·008	·010	·009	–	–	–	–	0·444
7	–	–	–	–	–	–	–	–	–	·003	·004	·008	·020	·025	·018	·011	·012	·009	·001	–	–	–	–	–	0·111
8	–	–	–	–	–	–	–	–	–	–	–	–	·028	·080	·040	·030	·048	·035	·025	·002	–	–	–	–	0·288
9	–	–	–	·005	·002	·003	·003	·001	·002	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·016
10	–	–	–	·007	·006	·001	·014	·008	·022	·030	·001	·010	·031	·038	·026	·045	·037	·055	·096	·060	·018	·084	·005	·066	0·660
11	·031	·040	·063	·062	·082	·008	·013	·009	·014	·021	·035	·035	·010	·105	·038	·060	·036	·027	·065	·055	·035	·034	·015	·010	0·903
12	·009	·036	·020	·012	·007	·005	·009	·011	·007	·013	·010	–	–	–	–	–	–	–	–	–	–	–	·018	·013	0·170
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·019	·004	·010	·020	0·053
14	·022	·045	·073	·060	–	–	–	·012	·112	·120	·027	·033	·040	·053	·026	·009	·030	·001	·026	·157	·034	·033	·025	·030	0·968
15	·033	·002	·012	·010	·061	·013	·023	·162	·145	·050	·037	·110	·022	·080	·037	·108	·047	·022	·011	·008	·015	·008	·051	·007	1·074
16	·001	·030	·006	·002	–	–	–	–	–	–	·025	·026	–	·020	·030	·029	·104	·185	·166	·244	·246	·177	·087	·027	**1·405**
17	·005	·010	·004	·006	–	·001	–	–	–	–	–	–	–	–	–	–	·006	·020	·010	·027	·052	·140	·097	·200	0·578
18	·143	·066	·292	·325	·057	·024	·007	·001	–	·050	–	·007	–	·012	·078	·007	·050	·017	·042	·030	·015	·045	·014	·010	1·292
19	·002	·004	·012	·004	·025	·006	·010	·018	·007	·006	·004	·004	·002	·004	·002	·003	·001	·008	·010	·013	·012	·037	·020	·024	0·238
20	·040	·007	·036	·004	·001	·010	·014	·008	·011	–	–	–	–	·001	·010	·001	–	·005	·007	–	·004	·002	–	·003	0·164
21	·010	·002	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·012	·001	·001	–	–	–	·014	0·040
22	·001	·025	·002	·007	·001	·005	–	·003	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·044
23	–		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
26		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
30	–	–	–	–	–	–	–	·001	–	–	–	–	–	–	–		–	–	–	–	–	–	–	–	0·001
31	–	–	–		–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–	–	–	–	–
SUM.	0·446	0·336	0·598	0·540	0·292	0·111	0·130	0·298	0·383	0·334	0·260	0·369	0·245	0·456	0·466	0·438	0·414	0·416	0·552	0·665	0·541	0·618	0·381	0·442	9·731

RAINFALL. INCHES FOR HOUR ENDING— NOVEMBER 1892.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2	–	–	–	–	–	–	–	–	–	–	–	–	–	·007	·013	·177	·050	·010	–	–	–	–	–	–	0·257
3	–	–	–	–	–	–	·003	·026	·010	·116	·110	·039	·058	–	–	·024	–	·018	·010	–	–	–	–	–	0·414
4	·006	–	–	–	·050	·075	·080	·012	·030	·058	–	–	–	–	–	–	–	–	–	–	–	–	·023	·008	0·342
5	·172	–	–	·030	–	–	–	–	·018	·150	–	–	–	–	–	–	–	·020	·117	·014	·007	·048	·003	·070	0·649
6	·126	–	–	·009	·050	·006	–	·028	·010	·012	–	–	–	–	–	–	–	·008	–	–	–	–	–	–	0·249
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·003	·003	–	–	–	0·006
8	–	·004	·012	–	·004	·008	–	–	–	·019	·015	·007	·039	–	·008	·028	·036	·056	·055	·030	·007	·028	·083	·107	0·546
9	·080	·100	·111	·070	·079	·065	·038	·018	·038	·053	·028	·018	–	–	·006	–	–	–	–	–	–	–	·005	–	0·709
10	–	·023	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·023
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·010	·011	·070	·069	0·160
13	·061	·032	·017	·003	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·113
14	–	–	–	–	–	–	–	–	–	–	–	·005	·040	·074	·089	·078	·102	·120	·129	·122	·111	·076	·054	·059	1·059
15	–	·010	·031	·050	·010	·014	·004	·011	·009	–	–	–	·003	–	–	–	–	–	–	–	–	–	–	–	0·142
16	–	–	–	–	–	–	–	–	–	–	·004	·009	–	·016	–	–	–	–	·003	–	–	·007	–	–	0·039
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18	–	–	–	–	–	–	·005	·008	·003	·008	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·024
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	·004	·023	0·027
20	·003	–	·014	·003	–	–	–		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·020
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·040	·020	·010	0·070
26	·096	·037	–	–	–	·021	·008	·112	·072	·023	·014	–	·004	–	–	–	–	–	–	·005	·009	·007	–	–	0·408
27	–	–	–	·008	·018	–	·004	·012	·010	·026	·003	·050	·032	·025	·012	·004	·020	·054	·073	·062	·068	·051	·040	·037	0·609
28	·037	·048	·042	·044	·058	·097	·132	·121	·133	·127	·084	·124	·058	·080	·042	·128	·214	·200	·267	·311	·242	·154	·034	·052	**2·829**
29	·033	·044	·020	·020	–	·074	·009	·007	·036	·015	–	·028	·039	–	·003	·021	·012	·020	–	·032	·004	·010	·029	–	0·456
30	·018	–	·003	–	–	–	·040	·021	–	–	–	–	–	·018	–	·048	·006	·018	·010	·011	–	·028	·010	·003	0·234
SUM.	0·632	0·298	0·250	0·237	0·269	0·360	0·323	0·376	0·369	0·607	0·258	0·280	0·273	0·220	0·173	0·508	0·440	0·524	0·664	0·590	0·461	0·460	0·375	0·438	9·385

RAINFALL. DECEMBER 1892.

1	–	–	–	–	[·010]	[·020]	[·020]	[·018]	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·068
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3	–	–	–	–	·003	·016	·010	·016	·003	·040	·167	·042	·019	–	·003	·008	–	–	·013	–	–	–	–	–	0·340
4	–	–	–	–	[·003]	[·004]	[·005]	[·005]	[·010]	[·020]	[·010]	[·010]	–	[·010]	–	–	–	–	–	–	[·011]	–	–	–	0·088
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	[·010]	–	–	[·010]	[·020]	[·030]	[·030]	[·044]	0·144
6	·146	·038	·009	–	–	·033	·050	·059	·071	–	–	–	·010	–	–	–	–	–	–	–	–	–	–	–	0·416
7	–	–	–	·003	–	–	–	·004	·002	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·009
8	–	–	–	–	–	–	[·004]	[·010]	[·010]	[·010]	–	–	–	·007	·032	·050	·040	·022	–	–	·009	–	–	–	0·194
9	·050	·024	·015	–	–	–	–	–	·003	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·092
10	–	[·005]	[·010]	[·010]	[·010]	[·010]	[·010]	[·010]	[·020]	[·020]	·010	·011	·017	·017	·020	·032	·075	·179	·040	·012	–	·007	·003	·025	0·553
11	·034	·014	·018	–	·026	–	·022	·007	·011	·010	·003	·009	–	·030	·007	·010	·010	·011	·018	·011	·017	·004	–	·004	0·276
12	–	·006	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·006
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·029	·048	·052	·038	0·167
14	·078	·103	·072	·040	–	–	–	–	·042	·022	–	–	·003	·010	·004	·003	–	–	·008	·053	·019	·020	–	–	0·477
15	–	–	–	·003	·028	–	·007	·040	–	·006	–	·018	–	·033	·006	·023	–	·009	–	–	–	–	·020	–	0·193
16	–	–	–	–	–	–	–	–	–	–	–	·021	–	–	·006	·042	·128	·230	·208	·178	·159	·146	·110	–	**1·228**
17	–	·004	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·006	·003	·047	·070	·128	·068	·081	0·407
18	·178	·157	·071	·160	·028	–	–	–	–	–	–	–	–	–	–	–	·006	·004	–	–	–	·002	–	–	0·606
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·009	·002	·002	·010	·008	·004	0·035
20	·005	·002	·003	·012	–	–	–	·013	–	·008	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·043
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·002	–	–	·004	·003	–	–	–	·004	0·013
22	–	·008	·019	–	–	·009	–	–	–	·003	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·039
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
26	–	–			–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
29	–	–	–		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
31	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
SUM.	0·491	0·361	0·217	0·228	0·108	0·092	0·128	0·182	0·172	0·139	0·190	0·111	0·049	0·107	0·078	0·170	0·269	0·461	0·303	0·316	0·336	0·395	0·291	0·200	5·394

SUNSHINE. HOURS—FOR HOUR, LOCAL MEAN TIME, ENDING— JANUARY 1892.

	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	Total.	Possible.	
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·80	1
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·83	2
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·86	3
4	–	–	–	–	–	–	–	–	–	–	·22	–	–	–	–	–	–	–	0·22	6·89	4
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·92	5
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·95	6
7	–	–	–	–	–	–	–	–	·22	·98	1·00	·22	–	–	–	–	–	–	2·42	6·99	7
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·03	8
9	–	–	–	–	–	–	–	·02	·04	–	–	–	–	–	–	–	–	–	0·06	7·07	9
10	–	–	–	–	–	–	–	–	–	–	·01	–	–	–	–	–	–	–	0·01	7·11	10
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·15	11
12	–	–	–	–	–	–	·58	·10	–	·32	·94	1·00	·26	–	–	–	–	–	3·20	7·20	12
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·25	13
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·30	14
15	–	–	–	–	–	·20	·01	–	–	·64	–	–	–	–	–	–	–	–	0·85	7·35	15
16	–	–	–	–	–	–	–	–	–	·28	1·00	·38	–	–	–	–	–	–	1·66	7·41	16
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·46	17
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·52	18
19	–	–	–	–	–	–	–	–	–	·10	·84	·56	–	–	–	–	–	–	1·50	7·57	19
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·63	20
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·69	21
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·75	22
23	–	–	–	–	–	–	–	–	–	–	·01	–	–	–	–	–	–	–	0·01	7·82	23
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·88	24
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·94	25
26	–	–	–	–	–	–	–	–	–	·12	1·00	·96	·14	–	–	–	–	–	2·22	8·01	26
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·07	27
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·14	28
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·21	29
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·28	30
31	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·35	31
SUM.	–	–	–	–	–	0·20	0·59	0·12	0·26	2·44	5·02	3·12	0·40	–	–	–	–	–	12·15	231·43	SUM.

SUNSHINE. FEBRUARY 1892.

1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·42	1
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·49	2
3	–	–	–	–	–	–	–	–	–	–	–	·50	·42	–	–	–	–	–	0·92	8·56	3
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·63	4
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·70	5
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·78	6
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·85	7
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·92	8
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·00	9
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·08	10
11	–	–	–	–	–	–	–	–	–	–	·06	–	–	–	–	–	–	–	0·06	9·16	11
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·23	12
13	–	–	–	–	–	–	–	·16	1·00	·50	·22	–	–	–	–	–	–	–	1·88	9·31	13
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·39	14
15	–	–	–	–	–	–	–	–	–	·13	·24	·98	·26	–	–	–	–	–	1·61	9·47	15
16	–	–	–	–	–	·68	·64	–	–	–	–	–	–	–	–	–	–	–	1·32	9·55	16
17	–	–	–	–	–	·12	–	·08	–	–	–	–	–	–	–	–	–	–	0·20	9·63	17
18	–	–	–	–	·32	·96	·91	1·00	1·00	1·00	1·00	·90	·46	–	–	–	–	–	7·55	9·70	18
19	–	–	–	–	–	–	–	·01	·66	1·00	1·00	1·00	1·00	·82	–	–	–	–	5·49	9·78	19
20	–	–	–	–	·04	·22	·88	·96	·66	–	·14	–	–	–	–	–	–	–	2·90	9·86	20
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·94	21
22	–	–	–	–	–	–	–	–	–	–	·10	·88	·04	·08	–	–	–	–	1·10	10·02	22
23	–	–	–	–	–	–	–	–	–	·30	·88	·94	·62	–	–	–	–	–	2·74	10·10	23
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·18	24
25	–	–	–	–	·54	·80	·30	·82	·08	·78	·70	·40	·38	–	–	–	–	–	4·80	10·26	25
26	–	–	–	–	–	·20	1·00	·60	–	·18	·02	–	–	–	–	–	–	–	2·00	10·34	26
27	–	–	–	–	·48	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·78	–	–	–	–	9·26	10·42	27
28	–	–	–	–	–	–	–	·22	·34	–	·15	·20	–	–	–	–	–	–	0·91	10·50	28
29	–	–	–	–	–	–	–	–	–	–	·10	·02	·12	–	–	–	–	–	0·24	10·54	29
SUM.	–	–	–	–	1·38	3·98	4·73	4·85	4·74	4·89	5·61	6·82	4·30	1·68	–	–	–	–	42·98	274·81	SUM.

SUNSHINE. HOURS—FOR HOUR, LOCAL MEAN TIME, ENDING— JANUARY 1892.

	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	Total.	Possible.	
1	–	–	–	–	–	–	–	–	·57	·92	·38	·33	–	–	–	–	–	–	2·20	3·80	1
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3·90	2
3	–	–	–	–	–	–	–	–	·13	–	–	·14	–	–	–	–	–	–	0·27	4·10	3
4	–	–	–	–	–	–	–	–	–	–	·80	·26	–	–	–	–	–	–	1·06	4·18	4
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4·25	5
6	–	–	–	–	–	–	–	–	·08	·60	·61	–	–	–	–	–	–	–	1·29	4·35	6
7	–	–	–	–	–	–	–	–	–	·45	·99	·20	–	–	–	–	–	–	1·64	4·45	7
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4·55	8
9	–	–	–	–	–	–	–	·02	·99	1·00	·87	·73	–	–	–	–	–	–	3·61	4·65	9
10	–	–	–	–	–	–	–	–	·31	·31	·30	–	–	–	–	–	–	–	0·92	4·75	10
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4·80	11
12	–	–	–	–	–	–	–	·10	1·00	1·00	1·00	·92	–	–	–	–	–	–	4·02	4·90	12
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	5·00	13
14	–	–	–	–	–	–	–	–	–	·10	–	–	–	–	–	–	–	–	0·10	5·05	14
15	–	–	–	–	–	–	–	–	·27	·90	·03	·08	–	–	–	–	–	–	1·28	5·10	15
16	–	–	–	–	–	–	–	·20	1·00	1·00	1·00	·99	·03	–	–	–	–	–	4·22	5·15	16
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	5·20	17
18	–		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	5·23	18
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	5·26	19
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	5·30	20
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	5·33	21
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	5·36	22
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	5·40	23
24	–	–	–	–	–	–	–	–	·02	–	·08	–	–	–	–	–	–	–	0·10	5·45	24
25	–	–	–	–	–	–	–	–	–	·40	1·00	·93	·15	–	–	–	–	–	2·48	5·50	25
26	–	–	–	–	–	–	–	·21	·50	·22	–	–	–	–	–	–	–	–	0·93	5·55	26
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	5·60	27
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	5·65	28
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	5·75	29
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	5·80	30
31	–	–	–	–	–	–	–	·05	·03	–	–	–	–	–	–	–	–	–	0·08	5·90	31
SUM.	–	–	–	–	–	–	–	0·58	4·90	6·90	7·06	4·58	0·18	–	–	–	–	–	24·20	155·26	SUM.

SUNSHINE. FEBRUARY 1892.

1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·00	1
2	–	–	–	–	–	–	–	–	–	·13	·17	·82	·33	–	–	–	–	–	1·45	6·20	2
3	–	–	–	–	–	–	·01	·75	·83	1·00	·54	1·00	·56	–	–	–	–	–	4·69	6·25	3
4	–	–	–	–	–	–	–	–	–	–	–	–	·02	–	–	–	–	–	0·02	6·35	4
5	–	–	–	–	–	–	–	·33	·24	·12	·22	·31	–	–	–	–	–	–	1·22	6·40	5
6	–	–	–	–	–	–	–	·29	·34	·22	·12	·31	–	–	–	–	–	–	1·28	6·45	6
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·50	7
8	–	–	–	–	–	–	–	–	–	–	·43	·58	·11	–	–	–	–	–	1·12	6·60	8
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·65	9
10	–	–	–	–	–	–	–	–	·56	–	–	–	–	–	–	–	–	–	0·56	6·75	10
11	–	–	–	–	–	–	–	–	·10	·14	–	–	–	–	–	–	–	–	0·24	6·80	11
12	–	–	–	–	–	–	–	–	–	–	–	·30	–	–	–	–	–	–	0·30	6·90	12
13	–	–	–	–	–	–	·10	1·00	·90	·60	–	–	·05	–	–	–	–	–	2·65	7·00	13
14	–	–	–	–	–	–	–	–	–	–	–	·38	·32	–	–	–	–	–	0·70	7·10	14
15	–	–	–	–	–	–	–	–	–	·31	·05	·92	·33	–	–	–	–	–	1·61	7·20	15
16	–	–	–	–	–	–	·39	·42	–	·13	–	–	·37	–	–	–	–	–	1·31	7·30	16
17	–	–	–	–	–	–	·10	·64	·21	·90	1·00	·40	–	–	–	–	–	–	3·25	7·40	17
18	–	–	–	–	–	–	·80	1·00	1·00	1·00	1·00	·65	·30	–	–	–	–	–	5·75	7·50	18
19	–	–	–	–	–	–	–	–	·63	1·00	1·00	1·00	1·00	·61	–	–	–	–	5·24	7·60	19
20	–	–	–	–	–	–	·83	·92	·97	·10	·72	·20	–	–	–	–	–	–	3·74	7·70	20
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·80	21
22	–	–	–	–	–	–	–	–	–	–	·52	1·00	0·89	–	–	–	–	–	2·41	7·90	22
23	–	–	–	–	–	–	–	–	·05	·48	1·00	1·00	·92	·08	–	–	–	–	3·53	8·00	23
24	–	–	–	–	–	–	–	·33	·73	·54	·59	·85	·33	–	–	–	–	–	3·37	8·10	24
25	–	–	–	–	–	·19	·53	·91	·62	1·00	·98	·74	·80	·35	–	–	–	–	6·12	8·20	25
26	–	–	–	–	–	·17	1·00	·50	·63	·60	·02	–	–	–	–	–	–	–	2·92	8·25	26
27	–	–	–	–	–	·23	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·16	–	–	–	–	7·39	8·30	27
28	–	–	–	–	–	–	–	·59	·60	·05	·43	·55	·80	·13	–	–	–	–	3·15	8·35	28
29	–	–	–	–	–	·08	–	–	·05	·11	·31	·73	–	–	–	–	–	–	1·28	8·40	29
SUM.	–	–	–	–	–	0·67	4·76	8·68	9·46	9·43	10·10	12·74	8·13	1·33	–	–	–	–	65·30	209·95	SUM.

SUNSHINE. HOURS—FOR HOUR, LOCAL MEAN TIME, ENDING— MARCH 1892.

	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	Total.	Possible.	
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·58	1
2	–	–	–	–	–	–	–	–	–	–	·08	·01	–	–	–	–	–	–	0·09	10·66	2
3	–	–	–	–	–	–	–	–	–	·10	·01	–	–	–	–	–	–	–	0·11	10·74	3
4	–	–	–	–	–	–	·28	·96	·80	1·00	1·00	1·00	1·00	·94	–	–	–	–	6·98	10·82	4
5	–	–	–	·02	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·97	–	–	–	–	9·99	10·90	5
6	–	–	–	–	–	–	–	–	–	–	·08	–	–	–	–	–	–	–	0·08	10·99	6
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·07	7
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·15	8
9	–	–	–	–	·12	·22	·56	·74	·01	·58	·10	–	–	–	–	–	–	–	2·33	11·23	9
10	–	–	–	–	–	–	–	–	·20	·94	·96	·60	·72	·56	–	–	–	–	3·98	11·31	10
11	–	–	–	–	·09	·10	·54	·52	·96	·86	·12	·32	·18	·45	·24	–	–	–	4·38	11·39	11
12	–	–	–	–	·89	1·00	1·00	1·00	1·00	1·00	1·00	·12	·04	–	–	–	–	–	7·05	11·47	12
13	–	–	–	–	–	·27	·95	·77	·83	·56	·14	–	–	·02	–	–	–	–	3·54	11·55	13
14	–	–	–	–	–	–	–	–	·11	·61	·20	·03	–	–	–	–	–	–	0·95	11·63	14
15	–	–	–	·25	·97	1·00	1·00	1·00	1·00	·94	·97	1·00	1·00	1·00	·47	–	–	–	**10·60**	11·71	15
16	–	–	–	·32	1·00	·97	·59	·20	–	–	–	–	–	–	–	–	–	–	3·08	11·79	16
17	–	–	–	–	–	–	–	–	–	–	·06	·03	–	·11	–	–	–	–	0·20	11·87	17
18	–	–	–	–	–	–	–	–	–	–	·13	·18	·83	1·00	·03	–	–	–	2·17	11·95	18
19	–	–	–	·18	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·65	·97	·10	–	–	–	9·90	12·03	19
20	–	–	–	·57	·73	·92	·98	1·00	1·00	1·00	1·00	1·00	·82	·10	–	–	–	–	9·12	12·11	20
21	–	–	–	–	–	–	–	–	–	·22	·25	–	·05	–	–	–	–	–	–	12·19	21
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·27	22
23	–	–	–	–	–	·20	–	·15	·10	·03	–	–	–	–	–	–	–	–	0·48	12·35	23
24	–	–	–	–	–	·27	·17	–	–	–	–	–	–	–	–	–	–	–	0·44	12·43	24
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·51	25
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·59	26
27	–	–	–	·44	·96	·90	1·00	1·00	·57	·30	–	–	–	–	–	–	–	–	5·17	12·67	27
28	–	–	–	·03	–	–	–	–	–	·07	·03	·47	–	·05	–	–	–	–	0·65	12·75	28
29	–	–	·10	1·00	·90	1·00	1·00	1·00	1·00	·97	·54	1·00	·78	·56	–	–	–	–	9·75	12·83	29
30	–	–	–	–	–	·09	·36	·98	1·00	1·00	1·00	1·00	1·00	1·00	·27	–	–	–	7·70	12·91	30
31	–	–	–	–	–	–	–	·09	1·00	·98	·95	1·00	1·00	1·00	·21	–	–	–	6·23	12·99	31
SUM.	–	–	0·10	2·81	7·66	8·84	10·43	11·41	11·58	13·16	10·62	9·76	9·07	8·73	1·32	–	–	–	105·49	365·44	SUM.

SUNSHINE. APRIL 1892.

1	–	–	–	–	–	·45	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	–	–	–	9·45	13·07	1
2	–	–	·03	1·00	1·00	·52	·60	·56	·40	·75	–	·45	–	·60	·26		–	–	6·17	13·15	2
3	–	–	–	–	–	·51	·56	·61	·03	–	–	·37	·06	·10	–	–	–	–	2·24	13·23	3
4	–	–	–	–	·87	1·00	·95	·70	·75	·83	1·00	·30	·17	–	–	–	–	–	6·57	13·31	4
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·39	5
6	–	–	–	–	–	–	·35	–	–	·12	·16	–	–	–	–	–	–	–	0·63	13·47	6
7	–	–	–	–	–	–	–	–	·46	·02	·12	·30	–	–	–	–	–	–	0·90	13·55	7
8	–	–	–	·01	·82	·98	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·20	–	–	11·01	13·63	8
9	–	–	–	·84	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·43	–	–	12·27	13·71	9
10	–	–	·35	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·43	–	–	**12·78**	13·79	10
11	–	–	·63	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·12	–	–	12·75	13·87	11
12	–	–	–	–	–	–	–	–	–	–	·10	–	–	–	–	·12	–	–	0·22	13·95	12
13	–	–	–	–	–	–	–	·12	·42	1·00	·15	·27	–	·14	·62	–	–	–	2·73	14·03	13
14	–	–	·36	1·00	1·00	1·00	1·00	1·00	1·00	·75	·37	·68	·35	1·00	·05	·15	–	–	9·71	14·10	14
15	–	–	·70	1·00	1·00	1·00	·29	–	·22	·68	·02	–	–	–	–	–	–	–	4·91	14·18	15
16	–	–	–	·35	·90	–	·03	·10	·07	·87	·76	·23	–	–	–	–	–	–	3·31	14·26	16
17	–	–	–	–	–	–	·32	·90	·88	·75	·78	·23	–	–	–	–	–	–	3·86	14·34	17
18	–	–	–	·10	·15	–	–	·11	·58	·38	·90	·12	·71	·95	–	·09	–	–	4·09	14·42	18
19	–	–	–	·85	1·00	1·00	·86	·98	1·00	·50	–	–	–	–	–	–	–	–	6·19	14·50	19
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·57	20
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·65	21
22	–	–	–	–	–	–	–	–	·03	·01	–	·20	–	–	–	–	–	–	0·24	14·73	22
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·80	23
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·88	24
25	–	–	–	–	–	–	–	–	–	·13	·03	–	–	–	–	–	–	–	0·16	14·96	25
26	–	–	–	–	–	·02	·65	·95	·84	1·00	·84	·62	·46	·90	·20	·04	–	–	6·52	15·03	26
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·11	27
28	–	–	–	–	–	–	–	–	·35	·10	–	–	·18	·27	–	·53	–	–	1·43	15·18	28
29	–	–	·30	·94	1·00	·84	·95	1·00	1·00	·65	·10	·34	·01	–	–	–	–	–	7·13	15·26	29
30	–	–	–		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·33	30
SUM.	–	–	2·37	8·09	10·74	10·32	11·56	12·03	13·04	13·54	10·33	9·11	6·94	8·96	6·13	2·11	–	–	125·27	426·45	SUM.

SUNSHINE. HOURS—FOR HOUR, LOCAL MEAN TIME, ENDING— MARCH 1892.

	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	Total.	Possible.	
1	–	–	–	–	–	–	–	–	·46	·70	–	–	–	–	–	–	–	–	1·16	8·45	1
2	–	–	–	–	–	·18	·65	1·00	1·00	·75	1·00	1·00	1·00	·14	–	–	–	–	6·72	8·55	2
3	–	–	–	–	–	–	–	–	–	–	·08	–	–	–	–	–	–	–	0·08	8·70	3
4	–	–	–	–	–	–	–	–	·89	1·00	1·00	1·00	1·00	·18	–	–	–	–	5·07	8·80	4
5	–	–	–	–	–	·80	·57	·92	1·00	1·00	1·00	1·00	·92	–	–	–	–	–	7·21	8·90	5
6	–	–	–	–	–	·47	·80	·72	·30	·06	·53	·02	–	–	–	–	–	–	2·90	9·00	6
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·10	7
8	–	–	–	–	–	·35	·29	–	·31	–	·39	·53	·22	·16	–	–	–	–	2·25	9·15	8
9	–	–	–	–	–	·57	1·00	·80	·42	1·00	·47	·30	–	–	–	–	–	–	4·56	9·20	9
10	–	–	–	–	–	·22	·73	1·00	·36	1·00	1·00	1·00	1·00	·81	–	–	–	–	7·12	9·30	10
11	–	–	–	–	·02	1·00	1·00	·92	1·00	1·00	·88	·90	·98	1·00	·13	–	–	–	8·83	9·35	11
12	–	–	–	–	·20	1·00	1·00	1·00	·82	·12	·22	·16	–	–	–	–	–	–	4·52	9·40	12
13	–	–	–	–	–	·63	·80	·52	·59	·95	·26	·54	·13	·27	–	–	–	–	4·69	9·50	13
14	–	–	–	–	–	–	–	–	·17	·91	·44	·31	·17	·11	–	–	–	–	2·11	9·60	14
15	–	–	–	–	·26	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·10	–	–	–	9·36	9·70	15
16	–	–	–	–	·26	·99	·83	·60	–	–	–	–	–	–	–	–	–	–	2·68	9·80	16
17	–	–	–	–	–	–	–	–	–	·70	1·00	·92	·90	·09	–	–	–	–	3·61	9·90	17
18	–	–	–	–	–	–	–	–	–	–	·08	–	·45	1·00	·08	–	–	–	1·61	10·00	18
19	–	–	–	–	·19	1·00	·90	1·00	1·00	1·00	1·00	1·00	1·00	·22	–	–	–	–	8·31	10·10	19
20	–	–	–	–	·50	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·90	·30	–	–	–	–	8·70	10·15	20
21	–	–	–		–	–	–	–	·40	·85	·23	·81	·16	·18	·23	–	–	–	2·86	10·20	21
22	–	–	–	–	–	–	–	–	·15	·58	–	·29	·27	–	–	–	–	–	1·29	10·30	22
23	–	–	–	–	–	–	–	–	·52	–	·08	–	·10	·35	–	–	–	–	1·05	10·40	23
24	–	–	–	–	–	–	–	·10	·33	–	·35	·70	·47	–	·18	–	–	–	2·13	10·50	24
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·60	25
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	10·70	26
27	–	–	–	–	·75	1·00	1·00	1·00	·90	·73	·20	·51	·11	–	–	–	–	–	6·20	10·80	27
28	–	–	–	–	–	·05	·30	–	–	·51	·77	·95	·81	·90	·28	–	–	–	4·57	10·90	28
29	–	–	–	–	·88	1·00	1·00	1·00	1·00	·95	·85	1·00	1·00	·55	–	–	–	–	9·23	11·00	29
30	–	–	–	–	·20	·90	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·40	–	–	–	**9·50**	11·10	30
31	–	–	–	–	–	–	·46	1·00	1·00	1·00	·96	1·00	1·00	·90	–	–	–	–	7·32	11·20	31
SUM.	–	–	–	–	3·26	12·16	14·33	14·58	15·62	17·81	15·79	16·94	14·59	9·16	1·40	–	–	–	135·64	304·35	SUM.

SUNSHINE. APRIL 1892.

1	–	–	–	–	–	·50	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·62	–	–	–	9·12	11·25	1
2	–	–	–	·19	1·00	·95	·70	·60	·90	1·00	1·00	·54	·44	·83	–	–	–	–	8·15	11·30	2
3	–	–	–	–	–	·60	·51	·34	·02	·09	·60	·49	·48	–	–	–	–	–	3·13	11·35	3
4	–	–	–	–	·80	1·00	·70	·46	·74	·50	1·00	·06	·53	·47	–	–	–	–	6·26	11·40	4
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·45	5
6	–	–	–	–	–	–	·53	–	·65	·68	1·00	·42	–	–	–	–	–	–	3·28	11·50	6
7	–	–	–	–	·08	1·00	1·00	·77	1·00	·85	·68	·75	1·00	1·00	·50	–	–	–	8·63	11·55	7
8	–	–	–	–	·85	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·73	–	–	–	10·58	11·60	8
9	–	–	–	·44	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·72	–	–	–	11·16	11·65	9
10	–	–	–	·60	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·90	–	–	–	**11·50**	11·70	10
11	–	–	–	·52	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·54	–	–	–	11·06	11·75	11
12	–	–	–	–	–	–	–	–	·23	·40	–	–	–	·01	–	–	–	–	0·64	11·80	12
13	–	–	–	·58	·60	·80	·20	·01	·42	·70	·46	·60	·30	·36	·73	–	–	–	5·76	11·85	13
14	–	–	–	·88	1·00	1·00	1·00	1·00	1·00	·40	·16	·68	–	–	·41	–	–	–	7·53	11·90	14
15	–	–	–	·90	1·00	1·00	1·00	1·00	1·00	·98	·32	–	–	–	–	–	–	–	7·20	12·00	15
16	–	–	–	–	·78	1·00	1·00	·64	·60	·80	·86	·34	·30	·20	·31	·01	–	–	6·84	12·05	16
17	–	–	–	·03	–	·16	·66	·90	·98	·62	·22	·30	·10	–	–	–	–	–	3·97	12·10	17
18	–	–	–	·02	·47	·76	·85	·82	·74	1·00	1·00	·12	·50	1·00	·12	–	–	–	7·40	12·20	18
19	–	–	·08	1·00	1·00	1·00	1·00	1·00	1·00	·38	·14	·22	–	–	–	–	–	–	6·82	12·30	19
20	–	–	–	·01	·24	·63	·18	·40	–	·52	·10	–	–	–	–	–	–		2·08	12·40	20
21	–	–	–	·16	·24	·20	·28	–	–	–	–	–	–	–	–	–	–	–	0·88	12·50	21
22	–	–	–	–	–	–	·80	·88	1·00	·96	·78	·96	1·00	·72	·18	–	–	–	7·28	12·60	22
23	–	–	–	–	·08	·60	·16	1·00	·78	·76	·58	·60	·60	·82	·10	–	–	–	6·08	12·70	23
24	–	–	–	–	·12	·40	·70	·90	·78	·86	·98	·42	–	–	–	–	–	–	5·16	12·80	24
25	–	–	–	–	–	·22	·40	·12	·30	·60	·40	·86	·80	·54	·36	–	–	–	4·60	12·90	25
26	–	–	–	·02	·46	·64	1·00	1·00	1·00	1·00	1·00	·70	–	–	·68	·10	–	–	7·60	13·00	26
27	–	–	–	–	–	–	–	–	–	·06	–	–	–	–	–	–	–	–	0·06	13·10	27
28	–	–	–	·10	·82	·62	–	·42	·50	·15	·64	·04	·21	–	–	–	–	–	3·50	13·20	28
29	–	–	·62	1·00	1·00	1·00	1·00	·94	1·00	·80	·78	·75	·70	·84	·90	·10	–	–	11·43	13·25	29
30	–	–	–	–	–	–	–	–	–	–	–	·08	·52	·12	–	–	–	–	0·72	13·30	30
SUM.	–	–	0·70	6·45	13·54	18·08	18·67	18·20	19·64	19·11	17·70	13·93	12·48	11·91	7·80	0·21	–	–	178·42	364·45	SUM.

SUNSHINE. HOURS—FOR HOUR, LOCAL MEAN TIME, ENDING— MAY 1892.

	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	Total.	Possible.	
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·40	1
2	–	·36	1·00	1·00	1·00	1·00	1·00	·90	·52	·33	·87	·32	·44	·73	·01	·38	·25	–	10·11	15·48	2
3	–	–	·20	·70	·40	·03	·10	·53	·83	·87	·46	·93	1·00	1·00	1·00	·95	·20	–	9·20	15·55	3
4	–	·15	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·65	–	14·80	15·62	4
5	–	·20	·53	·48	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·63	–	13·84	15·70	5
6	–	·20	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·70	–	**14·90**	15·77	6
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	15·84	7
8	–	–	·22	1·00	1·00	1·00	·70	·84	1·00	·73	·27	–	–	–	–	–	–	–	6·76	15·91	8
9	–	–	·03	·87	·78	·51	–	·52	·90	·78	1·00	1·00	1·00	1·00	1·00	1·00	·60	–	10·99	15·98	9
10	–	·12	·98	1·00	1·00	1·00	1·00	1·00	·98	1·00	·73	·80	·65	·63	·02	–	–	–	10·91	16·04	10
11	–	–	–	·10	·60	·95	·80	1·00	1·00	1·00	·85	·32	·40	·52	·66	·50	–	–	8·70	16·11	11
12	–	–	–	–	·75	·38	·19	·10	·04	–	–	·05	–	–	–	–	–	–	1·51	16·18	12
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·24	13
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·31	14
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·37	15
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·44	16
17	–	–	–	–	–	–	·13	·20	·06	·18	·72	·37	·11	·14	·76	–	–	–	2·67	16·50	17
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·56	18
19	–	–	–	–	–	–	–	–	·34	·40	·01	·03	·04	–	–	–	–	–	0·82	16·62	19
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·38	·90	·66	–	1·94	16·68	20
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·74	21
22	–	–	–	–	–	·18	·20	·05	·49	–	–	–	–	–	–	–	–	–	0·92	16·80	22
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·85	23
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·91	24
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·96	25
26	–	–	–	·38	–	·01	·34	·06	·23	·40	·36	·40	·72	·75	1·00	·18	–	–	4·83	17·02	26
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·07	27
28	–	–	–	·69	1·00	·11	·01	·20	·91	·82	·04	–	–	–	–	–	–	–	3·78	17·12	28
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·16	29
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·21	30
31	–	–	–	–	–	–	–	–	·02	–	–	–	–	–	–	–	–	–	0·02	17·26	31
SUM.	–	1·03	4·96	8·22	9·53	8·17	7·47	8·40	10·32	9·51	8·31	7·22	7·36	7·77	7·83	6·91	3·69	–	116·70	508·40	SUM.

SUNSHINE. JUNE 1892.

1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·30	1
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·34	2
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·38	3
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·42	4
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·46	5
6	·18	·95	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·38	–	–	–	–	·54	·01	·02	10·08	17·49	6
7	–	–	·62	1·00	1·00	·40	·10	·70	·96	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·30	**13·08**	17·52	7
8	–	–	·45	·35	·59	1·00	1·00	1·00	·63	·53	·03	·85	·95	·75	·40	–	–	–	8·53	17·55	8
9	–	·07	–	–	–	·48	·52	·88	·36	·37	·95	1·00	1·00	1·00	1·00	1·00	·48	–	9·11	17·58	9
10	–	–	·21	·50	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·71	17·61	10
11	–	–	–	–	–	–	–	·07	–	–	–	–	–	·13	·46	·66	·68	–	2·00	17·64	11
12	–	–	–	–	–	–	–	–	–	–	·50	–	–	–	·05	·11	–	–	0·66	17·66	12
13	–	–	–	–	–	·50	·27	·39	·02	·13	·22	·10	–	–	–	–	–	–	1·73	17·68	13
14	·22	·98	1·00	1·00	1·00	1·00	1·00	·39	·21	·10	–	–	–	–	–	–	–	–	6·90	17·70	14
15	–	–	–	–	·08	–	–	–	–	–	–	–	–	–	–	–	–	–	0·08	17·71	15
16	–	–	·02	–	–	·18	·06	·18	–	·18	–	·24	·05	·16	·02	·15	·40	–	1·64	17·72	16
17	–	–	–	–	–	–	–	–	–	·36	·27	–	·02	·04	·05	–	–	–	0·74	17·73	17
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·33	–	–	0·33	17·74	18
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·74	19
20	–	–	–	–	–	·65	·09	·13	·26	·22	·07	·34	·44	·02	·31	–	·40	–	2·93	17·75	20
21	·46	1·00	1·00	1·00	1·00	·34	·08	·62	·73	·50	·62	·65	·77	·13	·80	1·00	·83	–	11·53	17·75	21
22	–	–	–	–	–	–	–	–	–	–	–	–	–	·13	·25	·12	·66	–	1·16	17·75	22
23	–	·10	·90	·15	·76	·95	1·00	–	·41	1·00	·51	–	–	–	·10	·44	·70	–	7·02	17·75	23
24	–	–	–	–	·22	·50	·50	·90	·78	·76	1·00	·23	·52	·81	1·00	1·00	1·00	·47	9·69	17·74	24
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·74	25
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·73	26
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·72	27
28	–	–	–	–	–	–	·35	1·00	1·00	1·00	1·00	·67	·61	·08	·31	·74	·40	–	7·16	17·71	28
29	–	–	–	·40	·70	·77	·28	·81	·30	·44	·96	·84	·42	·09	·77	1·00	·83	–	8·61	17·69	29
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·67	30
SUM.	0·86	3·10	5·20	5·40	6·35	7·77	6·25	8·07	6·76	7·59	7·51	5·92	5·78	4·34	6·52	8·09	7·39	0·79	103·69	528·97	SUM.

SUNSHINE. HOURS—FOR HOUR, LOCAL MEAN TIME, ENDING— MAY 1892.

	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	Total.	Possible.	
1	–	–	–	–	–	–	–	–	–	–	–	·20	·11	–	–	–	–	–	0·31	13·40	1
2	–	–	·88	1·00	1·00	1·00	1·00	1·00	·40	·78	1·00	1·00	·90	·68	·42	–	–	–	11·06	13·50	2
3	–	–	·36	·34	·86	·50	·53	·96	·90	·60	·72	1·00	1·00	1·00	1·00	·42	–	–	10·19	13·60	3
4	–	–	·20	·38	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·42	–	–	12·00	13·70	4
5	–	–	–	–	–	–	·60	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·48	–	–	9·08	13·80	5
6	–	–	·60	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·50	–	–	13·10	13·90	6
7	–	–	–	–	–	–	·01	–	·16	·06	·02	·22	1·00	·60	·10	·06	–	–	2·23	14·00	7
8	–	·08	·52	1·00	1·00	1·00	·97	1·00	·96	·30	·33	·60	·01	–	–	–	–	–	7·77	14·10	8
9	–	–	–	·90	·32	1·00	1·00	96	1·00	1·00	·96	1·00	1·00	1·00	1·00	·60	–	–	11·74	14·15	9
10	–	–	·60	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·92	1·00	·90	·64	–	–	–	–	11·06	14·20	10
11	–	–	·32	·98	·98	1·00	1·00	1·00	·96	1·00	1·00	·52	·08	·40	·78	–	–	–	10·02	14·30	11
12	–	–	·18	·98	·92	·80	·12	·01	·01	–	·03	·26	–	–	–	–	–	–	3·31	14·35	12
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·40	13
14	–	–	–	–	·22	·96	·40	·04	·40	·50	·08	·36	·82	·82	·72	·68	–	–	6·00	14·45	14
15	–	–	–	–	–	–	–	–	–	–	–	·04	·10	·10	·08	–	–	–	0·32	14·55	15
16	–	–	–	–	–	–	–	–	·18	–	·14	–	·01	–	–	·08	–	–	0·41	14·65	16
17	–	–	–	·12	·72	·90	·22	·26	–	·80	·90	·58	·18	·40	1·00	·24	–	–	6·32	14·70	17
18	–	–	–	–	–	–	–	–	–	–	–	·01	·10	·88	·54	·71	–	–	2·24	14·75	18
19	–	–	–	·16	·40	·72	·98	1·00	1·00	·58	·92	·80	·50	–	–	–	–	–	7·06	14·85	19
20	–	–	–	–	–	–	–	–	–	–	–	–	·10	1·00	·90	·72	–	–	2·72	14·95	20
21	–	–	·28	·98	·14	·22	·50	·20	·01	·88	·86	·30	·70	·20	1·00	·60	–	–	6·87	15·00	21
22	–	–	–	–	–	·62	·32	·22	·60	–	–	–	–	–	–	–	–	–	1·76	15·02	22
23	–	–	–	–	–	–	·01	–	·84	·68	·66	·70	·14	–	–	–	–	–	3·03	15·04	23
24	–	–	–	·02	·56	·42	–	·18	–	·30	·60	·66	1·00	1·00	·80	·54	–	–	6·08	15·06	24
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·08	25
26	–	–	·16	·64	·80	1·00	1·00	·88	·90	·82	1·00	1·00	·90	1·00	·74	–	–	–	10·84	15·10	26
27	–	–	–	–	–	–	·10	·02	–	–	–	·16	·55	·38	–	·20	·10	–	1·51	15·12	27
28	–	–	·18	·94	1·00	1·00	1·00	·80	1·00	·54	–	–	–	–	–	–	–	–	6·46	15·14	28
29	–	–	·40	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·40	15·16	29
30	–	–	·50	·86	·12	–	–	–	–	–	–	–	·78	·40	·64	–	–	–	3·30	15·18	30
31	–	–	–	–	–	–	·03	·46	·50	–	–	–	–	·04	–	–	–	–	1·03	15·20	31
SUM.	–	0·08	5·18	11·30	12·04	14·14	12·79	12·99	13·82	12·84	13·14	13·41	13·88	13·54	12·72	6·25	0·10	–	168·22	450·40	SUM.

SUNSHINE. JUNE 1892.

1	–	–	–	–	–	·08	·52	·92	·52	–	–	·20	·62	·80	·50	–	–	–	4·16	15·22	1
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·24	2
3	–	–	–	–	–	–	–	–	·01	·24	–	–	·01	–	–	–	–	–	0·26	15·26	3
4	–	–	–	–	–	–	·30	·92	·98	·50	·10	–	–	–	–	–	–	–	2·80	15·28	4
5	–	–	–	–	·12	·20	–	–	–	–	–	–	–	–	–	–	–	–	0·32	15·30	5
6	–	–	–	–	·03	·01	·20	–	·01	–	–	–	–	–	–	–	–	–	0·25	15·33	6
7		–	–	–	–	·10	·14	·12	–	·03	·70	1·00	1·00	1·00	1·00	1·00	·40	–	6·49	15·36	7
8	–	–	–	·60	1·00	1·00	1·00	1·00	1·00	1·00	·98	1·00	1·00	·90	·98	·22	–	–	11·68	15·40	8
9	–	·08	1·00	1·00	1·00	1·00	1·00	1·00	·98	·98	1·00	1·00	1·00	1·00	1·00	1·00	·38	–	14·42	15·45	9
10	–	·03	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·03	15·50	10
11	–	–	–	–	–	–	·30	·82	·62	·90	·12	·28	·44	1·00	·80	·62	·01	–	5·91	15·60	11
12	–	–	·06	·02	·22	·10	·20	·22	·90	·16	·46	·90	·34	·60	·38	·50	·22	–	5·28	15·70	12
13	–	·01	·42	·16	·12	·52	·40	·44	·34	·02	·30	·52	·20	·12	·20	–	·12	–	3·89	15·72	13
14	–	·70	1·00	1·00	1·00	1·00	·92	–	·10	–	–	–	·32	·64	–	–	–	–	6·68	15·74	14
15	–	–	·22	1·00	·20	–	–	–	–	–	–	–	–	–	–	–	–	–	1·42	15·76	15
16	–	–	·12	·90	1·00	·80	·74	·70	·98	·90	·66	·74	1·00	·94	·80	·82	·06	–	11·16	15·78	16
17	–	–	–	·02	·10	·12	·52	·22	·16	·33	·40	·40	·70	·44	·08	–	–	–	3·49	15·80	17
18	–	–	–	–	–	–	–	–	–	–	·14	·16	·10	–	·34	–	–	–	0·74	15·81	18
19	–	–	–	–	–	·30	·40	·12	·18	·46	·14	·10	–	–	–	–	–	–	1·70	15·82	19
20	–	–	·20	·26	·58	·58	·72	·84	·60	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·36	–	11·14	15·83	20
21	–	·70	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·92	1·00	·38	–	15·00	15·83	12
22	–	–	–	–	–	–	–	–	–	–	–	·56	·92	1·00	·98	·58	·32	–	4·36	15·83	22
23	–	–	·82	·44	1·00	1·00	1·00	1·00	1·00	·70	·10	–	·44	1·00	·50	·92	·12	–	10·04	15·83	23
24	–	–	–	–	·08	·78	1·00	1·00	·88	·42	·92	·92	1·00	1·00	1·00	1·00	·50	–	10·50	15·82	24
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·81	25
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·80	26
27	–	–	·12	–	·32	·06	·36	·18	–	–	–	–	–	·20	·01	–	·08	–	1·33	15·78	27
28	–	·04	·34	·96	1·00	·96	1·00	1·00	1·00	1·00	1·00	·82	·82	·10	·52	·24	·08	–	10·88	15·76	28
29	–	–	·10	·82	1·00	1·00	·93	1·00	1·00	1·00	1·00	·96	·94	1·00	1·00	1·00	·48	–	13·23	15·74	29
30	–	–	–	–	·84	·40	·18	·01	–	–	–	–	–	–	·60	·52	–	–	2·55	15·72	30
SUM.	–	1·56	5·40	8·18	10·61	11·01	12·83	12·51	12·26	10·64	10·02	11·56	12·85	13·74	12·61	10·42	3·51	–	159·71	468·82	Sum.

SUNSHINE. HOURS—FOR HOUR, LOCAL MEAN TIME, ENDING— JULY 1892.

	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	Total.	Possible.	
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·65	1
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·63	2
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·60	3
4	–	–	–	–	–	–	–	–	–	·10	·33	·33	–	–	–	–	–	–	0·76	17·57	4
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·54	5
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·51	6
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·48	7
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·44	8
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·40	9
10	–	·15	1·00	1·00	·48	·42	·42	·25	·28	·45	·92	·69	·63	·38	·02	·17	·05	–	7·31	17·36	10
11	–	–	–	·15	·12	·16	·77	·51	·43	·50	–	·39	·78	·13	·35	–	–	–	4·29	17·32	11
12	–	–	–	–	–	·63	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·87	–	–	10·50	17·28	12
13	·45	·86	·90	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·24	**16·45**	17·24	13
14	·17	1·00	1·00	1·00	1·00	·25	–	·06	–	·56	·85	·10	·09	·10	–	–	–	–	6·18	17·19	14
15	–	–	–	–	–	–	–	·09	–	–	–	–	–	–	–	–	–	–	0·09	17·14	15
16	–	·90	1·00	1·00	·10	–	·18	·05	–	–	·01	–	–	–	–	–	–	–	3·24	17·09	16
17	–	–	–	–	–	–	–	–	·10	·10	·06	·03	·72	·63	·43	–	–	–	2·07	17·04	17
18	–	–	–	–	–	–	–	·24	·50	·10	·06	–	–	–	–	–	–	–	0·80	16·99	18
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·94	19
20	–	–	–	–	–	–	–	·22	·76	1·00	1·00	1·00	·88	1·00	·12	·01	·08	–	6·07	16·89	20
21	–	–	·08	·16	·48	·64	–	–	–	–	–	–	–	–	–	–	–	–	1·36	16·83	21
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·03	–	0·03	16·77	22
23	–	·18	·06	·50	1·00	·72	·80	1·00	1·00	1·00	·72	·78	·74	1·00	·70	·68	1·00	·12	12·00	16·72	23
24	–	·60	–	·08	·28	·30	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·94	–	12·20	16·66	24
25	–	–	·58	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·94	·48	·13	·18	·80	·38	–	–	10·49	16·60	25
26	–	–	·01	–	–	·40	·02	·06	·08	·46	–	·12	·22	–	–	–	–	–	1·37	16·54	26
27	–	–	–	–	–	–	–	–	–	–	–	·60	·42	–	–	–	–	–	1·02	16·48	27
28	–	·50	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·86	–	15·36	16·41	28
29	–	·60	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·94	·98	·52	·90	1·00	1·00	1·00	·82	–	14·76	16·35	29
30	–	·12	·70	–	–	·34	·05	–	·12	·50	–	–	–	–	–	–	–	–	1·83	16·28	30
31	–	–	–	–	–	–	–	–	·30	·82	·64	·08	–	–	–	–	–	–	1·84	16·22	31
SUM.	0·62	4·91	7·33	7·89	7·46	7·86	8·24	8·48	9·57	11·53	10·51	9·12	9·51	8·42	7·42	6·11	4·78	0·36	130·12	528·16	SUM.

SUNSHINE. AUGUST 1892.

1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·02	–	–	–	0·02	16·15	1
2	–	–	–	·80	·90	1·00	1·00	·68	–	–	–	–	–	–	–	–	–	–	4·38	16·09	2
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·11	–	–	–	0·11	16·02	3
4	–	–	–	–	–	·08	·44	·58	·02	·08	–	–	–	–	–	–	–	–	1·20	15·95	4
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·88	5
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·81	6
7	–	–	–	–	–	–	–	·68	·20	·12	·62	·88	·54	·82	·10	–	–	–	3·96	15·74	7
8	–	–	–	–	–	–	–	–	–	–	–	–	·04	·30	–	–	–	–	0·34	15·67	8
9	–	–	–	·32	·53	·44	·82	·65	·44	·60	·12	·62	1·00	1·00	·80	·86	·52	–	**8·72**	15·60	9
10	–	–	–	–	·27	1·00	1·00	·64	·26	–	–	–	–	–	–	–	–	–	3·17	15·52	10
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·45	11
12	–	–	–	–	–	–	–	–	–	·19	·05	–	–	–	–	–	–	–	0·24	15·38	12
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·31	13
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·24	14
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·16	15
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·09	16
17	–	–	–	–	·14	·68	·56	·29	·45	·17	·89	·60	·17	·23	·29	·40	–		4·87	15·01	17
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·94	18
19	–	–	–	–		–	·48	·06	·08	–	·04	–	–	–	·21	–	–	–	0·87	14·87	19
20	–	–	–	·26	–	–	·02	·07	–	·09	·24	·13	·07	–	–	–	–	–	0·88	14·79	20
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·71	21
22	–	–	–	–	–	–	–	–	–	–	–	–	·10	–	–	–	–	–	0·10	14·64	22
23	–	–	–	–	–	·15	·62	·78	·17	·30	–	·06	·42	–	·13	–	–	–	2·63	14·56	23
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·48	24
25	–	–	·18	·62	·10	–	–	–	–	–	–		–	–	–	–	–	–	0·90	14·40	25
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–		14·32	26
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·25	27
28	–	–	–	–	–		–	–	–	–	–	–	–	–	–	–	–	–	–	14·17	28
29	–	–	–	–	·98	1·00	·68	·97	·70	·43	·03	–	–	–	–	–	–	–	4·79	14·16	29
30		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·03	30
31	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·95	31
SUM.	–	–	0·18	2·00	2·92	4·35	5·62	5·40	2·32	1·98	1·99	2·29	2·34	2·35	1·66	1·26	0·52	–	37·18	467·28	SUM.

SUNSHINE. HOURS—FOR HOUR, LOCAL MEAN TIME, ENDING— JULY 1892.

	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	Total.	Possible.	
1	–	–	·40	·10	·01	·42	·12	·01	·22	·10	·08	·30	·30	·88	·92	·96	·38	–	5·20	15·70	1
2		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·60	2
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·50	3
4	–	–	–	–	–	–	·60	·64	·20	·12	·76	·54	·34	·02	·08	–	–	–	3·30	15·45	4
5	–	–	–	–	–	–	–	–	–	·10	·20	–	–	–	·42	·02	–	–	0·74	15·40	5
6	–	–	·10	·42	·71	–	–	–	·02	·10	–	–	–	–	–	–	–	–	1·35	15·36	6
7	–	–	–	–	–	–	–	–	·16	·10	·32	·70	·20	·68	·60	·36	·03	–	3·15	15·33	7
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·30	8
9	–	–	–	–	–	–	–	·04	·50	·10	–	–	–	–	–	–	–	–	0·64	15·28	9
10	–	·04	·95	1·00	1·00	1·00	·98	·82	·98	1·00	1·00	1·00	1·00	·96	1·00	1·00	·42	–	**14·15**	15·26	10
11	–	–	·80	1·00	1·00	1·00	1·00	·60	·04	–	–	·50	·98	·22	·08	·01	–	–	7·23	15·24	11
12	–	·03	·80	1·00	·92	·92	·98	1·00	1·00	1·00	·86	·98	1·00	1·00	1·00	·14	–	–	12·63	15·22	12
13	–	–	·90	·94	·28	·50	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·93	·08	–	12·63	15·20	13
14	–	–	–	–	–	–	–	–	·20	·38	·86	·96	1·00	·96	·98	·86	·10	–	6·30	15·18	14
15	–	–	·06	·04	·02	·66	·40	·32	·20	·20	·84	·72	·95	·90	·22	·04	·06	–	5·63	15·16	15
16	–	–	·80	1·00	·74	·74	·58	·08	–	–	·12	·08	–	–	–	–	–	–	4·14	15·14	16
17	–	–	–	–	–	–	–	–	·03	·32	·50	·74	·88	·88	·74	–	·02	–	4·11	15·12	17
18	–		–	–	–	–	·20	·52	·38	–	·01	–	–	–	–	–	–	–	1·11	15·10	18
19	–	–	–	–	–	–	–	–	–	·12	–	–	–	–	–	–	–	–	0·12	15·08	19
20	–	–	–	·02	·02	–	–	–	–	·34	1·00	1·00	·96	·50	·22	·33	–	–	4·39	15·06	20
21	–	–	–	·22	·17	–	–	–	–	–	–	–	–	–	–	–	–	–	0·39	15·04	21
22	–	–	–	–	–	–	–	·05	·01	–	–	–	–	–	–	–	–	–	0·06	15·02	22
23	–	–	·16	1·00	1·00	·45	1·00	1·00	1·00	1·00	·45	1·00	1·00	1·00	1·00	1·00	·04	–	12·10	15·00	23
24	–	–	–	·11	–	–	·45	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	–	–	9·56	14·95	24
25	–	–	–	–	·23	·82	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·60	–	–	10·65	14·85	25
26	–	–	·16	·86	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·93	·98	·36	–	–	–	11·29	14·75	26
27	–	–	–	–	–	·01	–	·14	·07	–	·22	·92	1·00	·74	·21	–	–	–	3·31	14·70	27
28	–	–	–	–	·54	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·90	–	–	11·44	14·65	28
29	–	–	–	–	–	–	·94	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·88	–	–	9·82	14·55	29
30	–	–	–	–	–	–	–	–	·64	·47	–	–	–	–	–	–	–	–	1·11	14·45	30
31	–	–	–	–	–	–	–	–	·42	·88	·90	·80	·15	–	–	–	–	–	3·15	14·40	31
SUM.	–	0·07	5·13	7·71	7·64	8·52	11·25	11·22	12·07	12·33	14·12	16·24	15·69	14·72	12·83	9·03	1·13	–	159·70	468·04	SUM.

SUNSHINE. AUGUST 1892.

1	–	–	–	–	·11	–	–	·41	·24	·32	·08	–	·32	·63	–	·07	–	–	2·68	14·35	1
2	–	–	·19	·89	1·00	1·00	1·00	1·00	·48	·94	·20	–	–	–	–	–	–	–	6·70	14·30	2
3	–	–	–	–	–	–	–	–	–	–	·07	1·00	·83	·08	·29	–	–	–	2·27	14·20	3
4	–	–	–	–	·60	·13	·84	·95	1·00	·45	·14	·95	·03	–	–		–	–	5·09	14·15	4
5	–	–	–	–	–	–	–	–	–	–	·70	–	–	–	–	–	–	–	0·70	14·10	5
6	–	–	–	–		–	·06	·10	–	·05	·30	·45	·62	·59	·44	·12	–	–	2·73	14·00	6
7	–	–	–	–	–	·16	·50	·71	·08	·83	1·00	·64	·87	·88	·18	–	–	–	5·85	13·90	7
8	–	–	–	–	–	–	–	–	–	–	·02	·46	1·00	·50	·16	–	–	–	2·14	13·80	8
9	–	–	–	–	–	·29	·70	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·60	–	–	**9·59**	13·70	9
10	–	–	–	·06	·98	1·00	1·00	1·00	·94	–	–	–	–	–	–	–	–	–	4·98	13·60	10
11	–	–	–	–	–	–	–	–	–	·09	–	–	–	–	–	–	–	–	0·09	13·50	11
12	–	–	–	–	–	–	–	·22	·21	·26	·09	·52	·03	–	–	–	–	–	1·33	13·40	12
13	–	–	–	–	–	–	–	·51	·90	·80	·49	·68	·28	·09	–	–	–	–	3·75	13·30	13
14	–	–	–	–	–	–	–	–	–	–	–	–	·03	·42	–	–	–	–	0·45	13·25	14
15	–	–	–	·03	–	·14	·30	·03	·04	·27	·04	·13	·12	·26	·11	–	–	–	1·47	13·20	15
16	–	–	·22	·35	–	·36	·50	·18	·83	–	·22	·72	·49	·11	–	–	–	–	3·98	13·10	16
17	–	–	–	·10	·94	1·00	·73	·90	·07	·26	1·00	1·00	1·00	1·00	1·00	·33	–	–	9·33	13·00	17
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·90	18
19	–	–	–	·08	·34	·34	·36	·36	·22	–	·15	·70	·03	·32	·55	·30	–	–	3·75	12·80	19
20	–	–	-	·96	·38	–	·20	·38	–	·06	–	·12	–	–	–	–	–	–	2·10	12·70	20
21	–	–	–	–	–	–	–	–	–	·54	·90	·34	–	–	–	–	–	–	1·78	12·60	21
22	–	–	–	–	–	·02	–	–	–	–	–	–	–	·10	·02	·08	–	–	0·22	12·50	22
23	–	–	–	–	–	·62	1·00	1·00	1·00	·32	·22	1·00	1·00	1·00	·64	–	–	–	7·80	12·40	23
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·30	24
25	–	–	–	·12	·06	–	–	–	·08	·30	·22	·23	·20	·10	–	–	–	–	1·31	12·20	25
26	–	–	–	·04	·15	1·00	·38	·42	·50	–	–	–	–	·15	·26	–	–	-	2·90	12·10	26
27	–	–	–	–	–	–	–	–	·54	·86	·50	·10	·42	·80	·60	·10	–	–	3·92	12·05	27
28	–	–	–	·10	–	–	·08	·01	·16	·40	·40	·30	·70	·84	·54	–	–	–	3·53	12·00	28
29	–	–	–	·60	1·00	1·00	1·00	1·00	·80	·70	·13	–	–	–	–	–	–	–	6·23	11·90	29
30	–	–	–	–	–	–	–	–	–	·02	–	–	–	–	–	–	–	–	0·02	11·85	30
31	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·80	31
SUM.	–	–	0·41	3·33	5·56	7·06	8·65	10·18	9·09	8·47	7·87	10·34	8·97	8·87	5·79	1·60	–	–	96·19	404·95	SUM.

SUNSHINE. HOURS—FOR HOUR, LOCAL MEAN TIME, ENDING— SEPTEMBER 1892.

	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	Total.	Possible.	
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·87	1
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·78	2
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·70	3
4	–	–	–	–	–	–	–	–	–	–	·31	·17	–	·30	·68	·04	–	–	1·50	13·62	4
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·54	5
6	–	–	–	–	–	·12	·05	·11	·91	·39	·02	·89	1·00	·72	·10	–	–	–	4·31	13·46	6
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·38	7
8	–	–	–	–	–	–	–	·01	·09	·15	·11	·12	·09	·10	–	–	–	–	0·67	13·30	8
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·22	9
10	–	–	–	–	–	–	–	–	·04	–	·04	·20	–	–	–	–	–	–	0·28	13·14	10
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·07	11
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·99	12
13	–	–	–	–	–	–	–	–	–	·02	·09	–	–	–	–	–	–	–	0·11	12·91	13
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·84	14
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·76	15
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·68	16
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·60	17
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·52	18
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·44	19
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·36	20
21	–	–	–	·61	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·77	–	–	–	11·38	12·28	21
22	–	–	–	·61	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·93	–	–	–	**11·54**	12·20	22
23	–	–	–	·06	·82	·52	–	–	–	–	–	–	–	–	–	–	–	–	1·40	12·12	23
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·04	24
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·96	25
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·88	26
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·80	27
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·72	28
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·64	29
30	–	–	–	–	–	–	–	–	–	–	–	–	·12	·11	–	–	–	–	0·23	11·56	30
SUM.	–	–	–	1·28	2·82	2·64	2·05	2·12	3·04	2·56	2·57	3·38	3·21	3·23	2·48	0·04	–	–	31·42	381·38	SUM.

SUNSHINE. OCTOBER 1892.

1	–	–	–	–	–	·17	·56	·04	–	–	·07	–	·05	·41	–	–	–	–	1·30	11·48	1
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·40	2
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·32	3
4	–	–	–	–	–	–	–	–	–	–	–	–	·10	–	–	–	–	–	0·10	11·24	4
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·17	5
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·09	6
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·01	7
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·93	8
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·85	9
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·77	10
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·69	11
12	–	–	–	–	·60	1·00	1·00	1·00	1·00	·90	1·00	·66	–	–	–	–	–	–	7·16	10·62	12
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·54	13
14	–	–	–	–	–	–	–	–	·52	·21	·77	1·00	·51	·39	–	–	–	–	3·40	10·46	14
15	–	–	–	–	–	·60	1·00	·56	·90	·90	·78	·74	·30	–	–	–	–	–	5·78	10·38	15
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·30	16
17	–	–	–	–	–	–	–	–	–	·08	–	–	–	–	–	–	–	–	0·08	10·22	17
18	–	–	–	–	·94	1·00	1·00	1·00	1·00	·88	·96	·65	·54	–	–	–	–	–	7·97	10·14	18
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·06	19
20	–	–	–	–	–	–	–	·11	·79	·14	·03	–	–	–	–	–	–	–	1·07	9·98	20
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·90	21
22	–	–	–	–	–	–	–	–	–	·05	–	–	–	–	–	–	–	–	0·05	9·83	22
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·75	23
24	–	–	–	–	–	·05	·05	·23	·40	·04	·32	–	·19	–	–	–	–	–	1·28	9·67	24
25	–	–	–	–	·75	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·47	–	–	–	–	–	**8·22**	9·60	25
26	–	–	–	–	·67	·90	·94	1·00	·81	·94	1·00	·38	–	–	–	–	–	–	6·64	9·52	26
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·44	27
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·36	28
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·28	29
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·20	30
31	–	–	–	–	–	–		–	–	–	–	–	–	–	–	–	–	–	–	9·12	31
SUM.	–	–	–	–	2·96	4·72	5·55	4·94	6·42	5·14	5·93	4·43	2·16	0·80	–	–	–	–	43·05	319·32	SUM.

SUNSHINE. HOURS—FOR HOUR, LOCAL MEAN TIME, ENDING— SEPTEMBER 1892.

	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	Total.	Possible.	
1	–	–	–	–	–	–	–	–	–	–	·12	·26	·30	·30	–	–	–	–	0·98	11·75	1
2	–	–	–	–	–	·60	–	·18	·30	·32	·52	·33	·87	·60	·12	–	–	–	3·84	11·70	2
3	–	–	–	–	–	–	–	·10	·12	·16	–	·14	·11	·12	–	–	–	–	0·75	11·65	3
4	–	–	–	–	·10	·28	·02	·50	·09	1·00	·68	·92	·20	·72	·42	–	–	–	4·93	11·60	4
5	–	–	–	–	–	–	–	–	–	–	–	·03	–	–	–	–	–	–	0·03	11·55	5
6	–	–	–	·12	·96	·60	·72	·90	1·00	·34	·62	1·00	1·00	·50	·05	–	–	–	7·81	11·50	6
7	–	–	–	–	–	–	–	–	–	–	–	·08	·52	·70	·52	–	–	–	1·82	11·45	7
8	–	–	–	–	·60	1·00	·62	·90	1·00	1·00	·75	·96	·54	·10	–	–	–	–	7·47	11·40	8
9	–	–	–	–	–	–	–	–	·01	–	–	–	–	–	–	–	–	–	0·01	11·35	9
10	–	–	–	–	–	–	–	·74	·22	·24	·70	·11	·70	·72	·15	–	–	–	3·58	11·30	10
11	–	–	–	–	–	–	–	–	·90	·18	–	–	–	–	–	–	–	–	1·08	11·25	11
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·20	12
13	–	–	–	–	–	–	–	·46	·80	·92	1·00	1·00	1·00	1·00	·30	–	–	–	6·48	11·10	13
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·00	14
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·90	15
16	–	–	–	–	·06	·04	·10	·26	–	–	–	–	–	–	–	–	–	–	0·46	10·80	16
17	–	–	–	–	·20	·12	–	–	–	–	–	–	–	–	–	–	–	–	0·32	10·70	17
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·60	18
19	–	–	–	–	·22	·28	·38	·31	–	·52	·72	·04	·01	–	–	–	–	–	2·48	10·50	19
20	–	–	–	–	·40	–	·70	·03	–	·50	·20	·04	–	–	–	–	–	–	1·87	10·40	20
21	–	–	–	–	·90	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·16	–	–	–	**10·06**	10·30	21
22	–	–	–	–	·82	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·10	–	–	–	9·92	10·20	22
23	–	–	–	–	·46	·12	–	–	–	–	–	–	–	–	–	–	–	–	0·58	10·15	23
24	–	–	–	–	–	·68	–	–	–	–	–	–	–	–	–	–	–	–	0·68	10·10	24
25	–	–	–	–	·01	·02	–	–	·02	·80	·66	·50	·26	–	–	–	–	–	2·27	10·00	25
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·90	26
27	–	–	–	–	–	–	–	·14	·68	·65	·15	–	·21	–	–	–	–	–	1·83	9·80	27
28	–	–	–	–	–	–	·39	·49	·63	·61	·22	·14	·40	·03	–	–	–	–	2·91	9·70	28
29	–	–	–	–	–	–	–	·14	·40	·34	·01	·20	–	–	–	–	–	–	1·09	9·60	29
30	–	–	–	–	·37	–	–	–	–	–	–	–	·53	–	–	–	–	–	0·90	9·50	30
SUM.	–	–	–	0·12	5·10	5·74	4·93	7·15	8·17	9·58	8·35	7·75	8·65	6·79	1·82	–	–	–	74·15	322·95	SUM.

SUNSHINE. OCTOBER 1892.

1	–	–	–	–	–	·13	·20	–	–	·02	·02	–	–	·02	–	–	–	–	0·39	9·40	1
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·35	2
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·30	3
4	–	–	–	–	–	–	–	–	–	–	–	–	·15	–	–	–	–	–	0·15	9·20	4
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·15	5
6	–	–	–	–	–	–	–	–	–	–	–	–	·90	·29	–	–	–	–	1·19	9·10	6
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·00	7
8	–	–	–	–	–	–	·18	·50	·53	·13	·05	–	–	–	–	–	–	–	1·39	8·90	8
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·80	9
10	–	–	–	–	–	–	·27	·41	·11	–	·24	·14	·88	·21	–	–	–	–	2·26	8·70	10
11	–	–	–	–	–	·02	·45	·76	·05	–	·30	·40	·23	–	–	–	–	–	2·21	8·55	11
12	–	–	–	–	–	1·00	1·00	1·00	1·00	1·00	1·00	1·00	·46	–	–	–	–	–	**7·46**	8·45	12
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·40	13
14	–	–	–	–	–	·07	·35	1·00	1·00	1·00	1·00	1·00	1·00	·25	–	–	–	–	6·67	8·35	14
15	–	–	–	–	–	·88	1·00	1·00	·90	1·00	·96	·78	·63	·05	–	–	–	–	7·20	8·30	15
16	–	–	–	–	–	·06	·39	1·00	·92	·85	·25	–	–	–	–	–	–	–	3·47	8·25	16
17	–	–	–	–	–	–	·17	1·00	·31	·70	·20	·60	–	–	–	–	–	–	2·98	8·20	17
18	–	–	–	–	–	·59	1·00	1·00	1·00	1·00	1·00	·50	–	–	–	–	–	–	6·09	8·10	18
19	–	–	–	–	–	–	·27	–	–	·40	·50	·26	·36	–	–	–	–	–	1·79	8·00	19
20	–	–	–	–	–	–	–	·12	·73	·93	·22	–	–	–	–	–	–	–	2·00	7·90	20
21	–	–	–	–	–	·40	·84	·65	·11	–	·46	·22	·50	·12	–	–	–	–	3·30	7·80	21
22	–	–	–	–	–	–	·19	·48	·47	·48	·04	·18	·42	–	–	–	–	–	2·26	7·70	22
23	–	–	–	–	–	–	–	·07	·99	·32	–	–	–	–	–	–	–	–	1·38	7·60	23
24	–	–	–	–	–	·20	1·00	1·00	1·00	1·00	·53	1·00	·85	·05	–	–	–	–	6·63	7·50	24
25	–	–	–	–	–	·16	1·00	1·00	1·00	1·00	1·00	1·00	1·00	–	–	–	–	–	7·16	7·40	25
26	–	–	–	–	–	–	·60	1·00	1·00	1·00	·90	–	–	–	–	–	–	–	4·50	7·30	26
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·20	27
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·10	28
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·00	29
30	–	–	–	–	–	–	–	·10	·35	·39	·02	·02	–	–	–	–	–	–	0·88	6·90	30
31	–	–	–	–	–	·07	·42	·61	·71	·62	–	·68	–	–	–	–	–	–	3·11	6·80	31
SUM.	–	–	–	–	–	3·58	9·33	12·70	12·18	11·84	8·69	7·78	7·38	0·99	–	–	–	–	74·47	253·70	SUM.

SUNSHINE. HOURS—FOR HOUR, LOCAL MEAN TIME, ENDING— NOVEMBER 1892.

	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	Total.	Possible.	
1	–	–	–	–	–	–	–	–	–	–	0·30	–	–	–	–	–	–	–	0·30	9·05	1
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·97	2
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·90	3
4	–	–	–	–	–	–	–	0·42	0·78	0·33	–	–	–	–	–	–	–	–	1·53	8·83	4
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·76	5
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·69	6
7	–	–	–	–	–	0·63	0·70	·055	1·00	0·49	–	–	–	–	–	–	–	–	3·37	8·62	7
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·55	8
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·48	9
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·41	10
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·34	11
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·27	12
13	–	–	–	–	–	–		–	–	–	–	–	–	–	–	–	–	–	–	8·20	13
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·13	14
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·06	15
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·99	16
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·92	17
18	–	–	–	–		–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·86	18
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·80	19
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·74	20
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·68	21
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·62	22
23	–	–	–	–	–	0·50	1·00	1·00	1·00	1·00	1·00	1·00	0·12	–	–	–	–	–	6·62	7·56	23
24	–	–	–	–	–	0·75	1·00	1·00	1·00	1·00	0·52	0·98	0·40	–	–	–	–	–	**6·65**	7·50	24
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·45	25
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·40	26
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·35	27
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·30	28
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·24	29
30	–	–	–	–	–	–	·033	0·66	–	–	–	–	–	–	–	–	–	–	0·99	7·19	30
SUM.	–	–	–	–	–	1·88	3·03	3·63	3·78	2·82	1·82	1·98	0·52	–	–	–	–	–	19·46	241·86	SUM.

SUNSHINE. DECEMBER 1892.

1	–	–	–	–	–	–	0·63	0·95	1·00	1·00	0·40	0·68	–	–	–	–	–	–	4·66	7·14	1
2	–	–	–	–	–	0·60	1·00	1·00	1·00	1·00	0·50	–	–	–	–	–	–	–	5·10	7·09	2
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·04	3
4	–	–	–	–	–	–	–	0·25	–	–	–	–	–	–	–	–	–	–	0·25	6·99	4
5	–	–	–	–	–	–	0·26	0·93	·052	0·37	–	–	–	–	–	–	–	–	2·08	6·94	5
6	–	–	–	–	–	–	–	–	–	–	–	0·25	–	–	–	–	–	–	0·25	6·90	6
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·87	7
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·85	8
9	–	–	–	–	–	–	–	0·24	–	–	–	–	–	–	–	–	–	–	0·24	6·83	9
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·81	10
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·79	11
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·77	12
13	–	–	–	–	–	–	–	0·05	0·13	–	–	–	–	–	–	–	–	–	0·18	6·75	13
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·73	14
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·71	15
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·69	16
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·68	17
18	–		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·67	18
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·66	19
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·65	20
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·65	21
22	–	–	–	–	–	–	–	–	0·20	0·52	0·90	0·44		–	–	–	–	–	2·06	6·65	22
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·66	23
24	–		–	–	–	–	1·00	1·00	1·00	1·00	0·85	–	–	–	–	–	–	–	4·85	6·66	24
25	–	–	–	–	–	–	–	0·24	0·89	1·00	1·00	0·55	–	–	–	–	–	–	3·68	6·67	25
26	–	–	–	–	–	0·15	1·00	1·00	1·00	1·00	1·00	0·98	–	–	–	–	–	–	**6·13**	6·68	26
27	–	–	–	–	–	–	0·80	1·00	1·00	1·00	0·88	0·90	–	–	–	–	–	–	5·58	6·69	27
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·71	28
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·73	29
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·75	30
31	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·77	31
SUM.	–	–	–	–	–	0·75	4·69	6·66	6·74	6·89	5·53	3·80	–	–	–	–	–	–	35·06	210·18	SUM.

SUNSHINE. HOURS—FOR HOUR, LOCAL MEAN TIME, ENDING— NOVEMBER 1892.

	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	Total.	Possible.	
1	–	–	–	–	–	–	–	–	·29	·62	·89	·30	–	–	–	–	–	–	2·10	6·75	1
2	–	–	–	–	–	–	–	–	·11	–	–	–	–	–	–	–	–	–	0·11	6·65	2
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·60	3
4	–	–	–	–	–	–	–	·54	·52	–	·63	·10	–	–	–	–	–	–	1·79	6·50	4
5	–	–	–	–	–	–	–	·10	·58	·84	·63	·07	–	–	–	–	–	–	2·22	6·45	5
6	–	–	–	–	–	–	–	·68	·51	·01	·86	·32	–	–	–	–	–	–	2·38	6·40	6
7	–	–	–	–	–	–	·20	·14	·22	–	–	–	–	–	–	–	–	–	0·56	6·35	7
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·25	8
9	–	–	–	–	–	–	–	–	–	–	–	·10	·06	–	–	–	–	–	0·16	6·20	9
10	–	–	–	–	–	–	–	–	–	·06	–	–	–	–	–	–	–	–	0·06	6·00	10
11	–	–	–	–	–	–	·25	·32	·17	–	–	·01	–	–	–	–	–	–	0·75	5·90	11
12	–	–	–	–	–	–	–	–	·10	–	–	–	–	–	–	–	–	–	0·10	5·80	12
13	–	–	–	–	–	–	–	–	–	–	–	·06	–	–	–	–	–	–	0·06	5·75	13
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	5·65	14
15	–	–	–	–	–	–	–	·12	·03	–	·14	–	–	–	–	–	–	–	0·29	5·60	15
16	–	–	–	–	–	–	–	–	–	·03	–	–	–	–	–	–	–	–	0·03	5·55	16
17	–	–	–	–	–	–	–	·50	·40	·01	·08	–	–	–	–	–	–	–	0·99	5·50	17
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	5·45	18
19	–	–	–	–	–	–	–	·03	–	–	–	–	–	–	–	–	–	–	0·03	5·40	19
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	5·36	20
21	–	–	–	–	–	–	–	·16	·90	·05	–	–	–	–	–	–	–	–	1·11	5·33	21
22	–	–	–	–	–	–	–	·98	1·00	1·00	1·00	·54	–	–	–	–	–	–	4·52	5·30	22
23	–	–	–	–	–	–	–	·90	1·00	1·00	1·00	·18	–	–		–	–	–	4·08	5·26	23
24	–	–	–	–	–	–	–	·42	·01	–	–	–	–	–	–	–	–	–	0·43	5·23	24
25	–	–	–	–	–	–	–	·10	·82	·98	·51	·02	–	–	–	–	–	–	2·43	5·20	25
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	5·15	26
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	5·10	27
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	5·05	28
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	5·00	29
30	–	–	–	–	–	–	–	·30	·10	–	·04	–	–	–	–	–	–	–	0·44	4·90	30
SUM.	–	–	–	–	–	–	0·45	5·29	6·76	4·60	5·78	1·70	0·06	–	–	–	–	–	24·64	171·63	SUM.

SUNSHINE. DECEMBER 1892.

1	–	–	–	–	–	–	–	·60	1·00	·84	·12	·50	–	–	–	–	–	–	3·06	4·80	1
2	–	–	–	–	–	–	–	·48	1·00	1·00	·10	–	–	–	–	–	–	–	2·58	4·75	2
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4·65	3
4	–	–	–	–	–	–	–	–	·20	·03	·04	–	–	–	–	–	–	–	0·27	4·55	4
5	–	–	–	–	–	–	–	–	·07	·28	·03	–	–	–	–	–	–	–	0·38	4·45	5
6	–	–	–	–	–	–	–	–	·08	·40	·30	·36	–	–	–	–	–	–	1·14	4·35	6
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4·25	7
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4·18	8
9	–	–	–	–	–	–	–	–	–	·11	·03	–	–	–	–	–	–	–	0·14	4·10	9
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3·90	10
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3·80	11
12	–	–	–	–	–	–	–	·04	·10	·18	·86	·13	–	–	–	–	–	–	1·31	3·75	12
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3·72	13
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3·71	14
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3·70	15
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3·68	16
17	–	–	–	–	–	–	–	–	·02	–	–	–	–	–	–	–	–	–	0·02	3·67	17
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3·66	18
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3·66	19
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3·65	20
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3·65	21
22	–	–	–	–	–	–	–	–	–	·50	·15	–	–		–	–	–	–	0·65	3·65	22
23	–	–	–	–	–	–	–	·05	·86	·51	·23	·37	–	–	–	–	–	–	2·02	3·65	23
24	–	–	–	–	–	–	–	·04	·87	·42	·20	–	–	–	–	–	–	–	1·53	3·66	24
25	–	–	–	–	–	–	–	–	·70	1·00	·73	·06	–	–	–	–	–	–	2·49	3·66	25
26	–	–	–	–	–	–	–	·04	1·00	·92	–	–	–	–	–	–	–	–	1·96	3·67	26
27	–	–	–	–	–	–	–	–	·21	–	–	–	–	–	–	–	–	–	0·21	3·68	27
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3·70	28
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3·71	29
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3·72	30
31	–	–	–	–	–	–	–	–	·30	·22	·80	·04	–	–	–	–	–	–	1·36	3·75	31
SUM.	–	–	–	–	–	–	–	1·25	6·41	6·41	3·59	1·46	–	–	–	–	–	–	19·12	121·48	SUM.

WIND. DIRECTION AND FORCE (0 to 12). JANUARY 1892.

	1		2		3		4		5		6		7		8		9		10		11		12		Max.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	NE	1-3	NNE	2-4	NE	1-3	NE	2-3	NE	1-2	NE	0-3	NE	0-2	N	0-2	NE	0-3	NE	0-3	NE	0-2	N	0-2	4
2	NNW	1-2	NNE	1-2	NNE	1-3	N	0-2	NW	1-2	W	0-3	Var.	0-3	Var.	0-3	NW	0-3	NW	0-3	Var.	0-3	W	0-2	4
3	NE	1-4	NE	2-5	NE	2-4	NE	2-5	N	0-2	N	0-3	N	1-5	N	3-5	N	1-3	N	0-4	N	1-3	NE	2-4	6
4	ENE	2-4	NE	2-3	NE	1-4	NE	2-4	N	0-1	N	0-3	E	2-4	E	1-4	N	0-3	N	0-1	N	1-2	N	0-2	4
5	W	1-3	W	1-3	NW	1-3	NW	1-3	N	0-2	NW	1-2	N	0-2	SW	0-1	N	0-3	Var.	0-2	NE	0-2	NE	1-3	7
6	N	3-7	N	3-6	NNE	3-5	N	3-5	N	4-7	NNE	1-2	N	1-3	N	1-3	NE	3-5	NE	2-6	NE	1-4	E	3-5	7
7	N	1-2	NE	2	NE	2-3	NE	2-3	ENE	2-3	N	1-2	NNE	1-2	N	0-1	NW	0-1	SW	3	S	3	S	1-2	6
8	NE	2-3	NE	2-3	NNE	1-3	NE	2-3	ENE	3-4	NE	2-4	NE	2-4	N	0-3	Var.	1-2	E	2-3	NE	4-5	Var.	1-5	6
9	ENE	3-5	NE	2-5	N	2-5	NE	1-4	S	0-1	NE	0-3	ENE	2	ENE	1-3	ENE	1-4	S	0-1	NW	1-3	S	0-1	8
10	N	2-6	NE	2-7	N	2-5	NE	3-5	N	1-5	NNW	1-2	N	4-5	NNW	0-3	N	3-6	N	1-4	N	1-4	N	2-4	7
11	N	0-2	Var.	0-1	N	0-1	Calm	0	N	1-2	N	1	N	1	N	1-2	NNW	1-2	N	2	N	1-2	NNW	2-3	3
12	N	0-2	Var.	0-1	NNE	1-2	N	2	N	0	N	0	E	0	N	0	N	0-1	N	0-1	N	0	E	0	2
13	SSW	1	SSW	1	SSW	1-2	S	2	SSW	3	SSW	3	SSW	4	S	3	S	3-4	S	2-3	SSW	3-4	SSW	3-4	4
14	WSW	2-3	WSW	2-3	WSW	3	SW	1	W	1-2	W	1	W	0-1	SW	0-1	SW	1	WSW	0-1	SW	0-1	S	1	3
15	Calm	0	N	0-1	Calm	0	WSW	0-1	SW	1	SW	0-1	SSW	1	SSE	1	SE	2	SE	3	SE	3-4	SE	4	5
16	SE	4	SE	4	ESE	4-5	SSE	4	ESE	4	ESE	4	ESE	3-4	ESE	5	ESE	5	ESE	5-6	ESE	6	ESE	5	9
17	ESE	7-10	ESE	8-10	ESE	8	ESE	8	ESE	8	ESE	8	ESE	8	ESE	7-8	E	8	ESE	8	ESE	8	ESE	8	10
18	ESE	7-8	ESE	8	E	7	ESE	6	ESE	2-4	ESE	4-5	ESE	3	E	5	ESE	5	ESE	4-5	ESE	3	ESE	4	8
19	S	2	S	2	SSW	2	SSW	2-3	S	2-3	SSW	2	S	2-3	SSW	2	S	2	S	2	SE	2	SE	2	3
20	ESE	2	ESE	2	SE	1	SE	1	SE	0-1	SSE	1	S	0-1	SSW	0-1	WSW	0-1	W	0-1	W	1	SW	1	2
21	SW	1-2	SW	2	WSW	1-2	SSW	2-3	S	2	SSW	3	S	3	SSW	3-4	SSW	4	S	4	S	5	S	4-5	6
22	NW	0-2	W	1-2	NW	0-2	NW	1-2	W	2-3	WSW	2	W	2-3	SW	2-3	W	2-3	SW	3	WSW	3	WSW	2-3	3
23	NW	1	NW	1	WNW	1	NW	1-2	SW	2	SSW	2-3	S	2	S	2-3	SSW	3	SSW	3-4	S	3-4	S	4	5
24	NW	0-3	NW	1-3	NW	1-3	WNW	0-2	WSW	2	W	3	SW	2-3	WNW	2	NW	2-3	SW	3	NW	0-2	WSW	0-2	3
25	NE	1-2	Var.	0-1	ENE	1-2	Var.	0-2	ENE	0-3	ENE	1-3	E	1-2	NE	0-2	NE	0-2	N	0-1	NNE	1-2	N	0-2	4
26	SW	3-4	WSW	3-4	WSW	3	WSW	3	SW	3	SW	3	WSW	3	WNW	2-3	WNW	1-2	WSW	2-3	W	1-2	NW	1-2	4
27	W	2-3	W	3-4	WSW	3-4	W	3-4	WSW	4-5	WSW	2-4	WSW	3-4	W	2-4	WNW	2-3	N	1-3	WSW	3-4	W	1-3	5
28	ENE	2-4	E	0-3	E	1-3	NE	1-3	NE	1-3	N	1-3	N	1-4	NW	1-3	W	2-3	SW	4-5	WSW	3-5	Var.	2-4	5
29	NNW	2-4	N	1-3	NW	2-4	NNW	1-4	NW	1-3	N	2-4	N	2-3	NNW	2-3	NW	2-4	N	2-4	NW	1-3	NNW	2-4	6
30	N	1-6	N	1-4	NW	1-5	N	1-5	NNE	1-4	NE	1-4	NE	2-4	NE	2-5	N	2-4	NE	1-5	NNW	2-5	ENE	2-5	6
31	NE	0-3	E	0-2	NE	1-3	ENE	1-2	N	1-3	ENE	2-4	NE	2-4	N	2-4	N	1-3	N	1-2	N	1-3	NW	2-3	6
MEAN		2·61		2·60		2·56		2·50		2·31		2·27		2·44		2·29		2·50		2·53		2·61		2·56	

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n	Force.	Dir'n.	Force.	Force.
1	NE	0-3	NE	1-3	NE	1-2	NE	1-2	N	0-2	NE	0-1	N	1-3	NNE	1-2	NNE	1-2	N	1-2	N	2	N	1-2	1·6
2	SSW	0-3	Var.	2-3	N	1-3	N	2-3	Var.	0-2	E	1	E	0-3	E	1-3	ENE	1-3	ENE	1-4	NE	2-4	E	1-3	1·7
3	NE	1-3	N	1-3	NNE	1-3	NNE	1-5	NE	1-4	NE	3-6	NE	4-6	NE	3-5	NE	2-4	NE	2-4	NE	1-4	NE	2-4	2·8
4	N	0-2	NNE	1-2	NNE	2	NNE	2-3	N	1-4	N	1-3	NE	0-2	N	0-2	NW	1	WNW	2	W	1-2	NW	2-3	1·8
5	Var.	0-1	NE	1-3	NNE	2-4	NE	2-4	N	4-5	N	3-6	N	3-7	NE	2-5	NE	3-6	NNE	3-6	N	4-7	N	3-7	2·6
6	NE	1-2	NNE	1-3	N	0-2	NNE	1-3	N	1-2	N	0-4	NE	1-3	N	1-3	Var.	0-2	Var.	0-2	NE	0-2	E	1-2	2·6
7	W	0	N	0-2	NE	1-2	NE	2-3	N	4-6	NE	3-5	NE	2-4	NE	2-3	NE	2-3	NE	2-4	N	1-3	NNE	2-3	2·2
8	N	2-6	NNE	2-5	ENE	2-4	NNE	2-4	NE	0-3	NNW	0-5	N	0-4	NE	2-4	N	0-4	Var.	0-3	NE	1-3	NE	1-5	2·6
9	S	0-1	Var.	0-2	Var.	0-2	NW	1-2	SSW	1-2	NW	1-6	N	0-6	N	3-6	N	2-6	N	2-6	NNE	3-8	N	3-7	2·5
10	N	1-3	N	0-3	N	2-3	N	2-4	N	4-6	NW	2-5	N	1-5	N	1-4	N	2-4	NE	1-3	NE	1-2	NE	1-2	2·9
11	N	1-3	N	1-2	N	0-2	N	0-2	N	0-1	NNE	1-2	NNE	1-2	N	1-2	N	1-2	N	1-2	N	0-2	N	1-2	1·3
12	N	0-1	N	0-1	Var.	0-1	N	1	N	0-1	N	1-2	N	0-1	NE	0-1	Calm	0	SSE	0-1	S	0-1	SSW	1	0·6
13	S	3	S	3	SSW	3-4	SW	3	SW	2-3	W	0-1	W	0-1	WSW	1-2	W	1-2	W	1-2	W	2-3	SW	1-3	2·4
14	SSW	2	SSW	3	SW	3	SSW	2-3	SW	2-3	SSW	1	NNW	0	N	0-1	N	0-1	N	0-1	Calm	0	N	0-1	1·3
15	SE	4	SE	3-4	SE	3-4	SE	4	ESE	4	ESE	4-5	ESE	5	SE	4	ESE	4	ESE	4	ESE	4-5	ESE	4	2·8
16	ESE	4-6	ESE	5	ESE	5	SE	5	ESE	5	SE	5-6	ESE	5-6	ESE	6	ESE	6	ESE	7-8	ESE	6-8	ESE	9	5·2
17	ESE	8	ESE	8	ESE	7-8	SE	7	ESE	8	ESE	6-8	ESE	8	ESE	6-7	ESE	6-7	ESE	8	ESE	7	ESE	8	7·8
18	ESE	3-4	SE	4	SE	6-7	SSE	4-5	SSE	4	SSE	3	SSE	3	SE	2-3	SSE	2	SSE	2	S	2	S	2	4·1
19	SE	2	S	2	S	0-1	SE	1	SE	1	SE	1	SE	1	SE	1	SE	1	SE	1-2	SE	1-2	SE	2	1·7
20	SW	1	W	0-1	WSW	0-1	W	0-1	SW	1	SW	1-2	SW	1-2	SSW	1	SSW	1-2	SW	1	WSW	1-2	WSW	1-2	1·0
21	S	5-6	SSW	3-5	SW	3-6	S	5	SSW	5	SSW	5	SW	4	WNW	1-3	WNW	1-3	WNW	2-3	WNW	1-2	NW	1-3	3·3
22	SW	3	WSW	1-2	W	2-3	W	2	W	2	WSW	2	W	2	WNW	1	W	2	NW	1	WNW	1	W	0-1	1·9
23	S	3-4	SSW	3	SW	2-3	SSW	3-4	SSW	4-5	SW	3-5	SW	3-5	W	2-3	WNW	2-3	WNW	2-3	WNW	1-3	WNW	1-3	2·7
24	NNW	0-2	W	2	NW	1-2	W	1-2	WNW	1-2	W	1-3	W	1-2	Var.	1-2	NW	1-2	N	0-2	N	0-2	NE	0-2	1·7
25	N	0-2	NE	0-2	Var.	0-1	N	0-1	NW	2-3	W	2-3	W	2-3	W	2	W	2-3	SW	2-3	W	2-4	SW	3-4	1·6
26	NW	2-3	NW	1-2	NW	2	WNW	3	WSW	2-3	WSW	3	WSW	2-3	WSW	2-3	WSW	3	WSW	3	W	3	WSW	3-4	2·6
27	NW	1-3	NW	1-2	WSW	1-4	N	1-3	NW	1-3	NE	1-3	ENE	1-3	Var.	0-2	NE	1-2	E	1-3	NE	0-2	ENE	1-2	2·4
28	NW	2-4	W	1-3	NW	1-3	WNW	1-3	N	1-3	NW	2-4	WNW	2-4	NW	1-3	WNW	1-3	NNW	2-3	NW	1-3	NW	2-4	2·5
29	NW	2-4	NW	1-2	NW	2-3	NW	2-3	WNW	2-4	W	1-4	W	2-4	NW	1-4	NW	2-4	N	1-4	N	1-6	W	1-5	2·7
30	NE	2-4	N	1-4	N	1-4	NE	2-4	ENE	2-4	ENE	1-5	N	1-3	N	1-3	N	1-3	NE	0-3	NE	0-3	NNE	0-2	2·6
31	SW	3	SW	3	SW	4	SSW	3	SW	3-4	SW	3-4	S	3-5	SSW	4-5	SW	4-6	SW	3-6	SW	3-6	SW	3-6	3·0
MEAN		2·45		2·37		2·52		2·65		2·79		2·82		2·73		2·42		2·45		2·53		2·52		2·73	2·53

WIND. DIRECTION AND FORCE (0 to 12). FEBRUARY 1892.

	1		2		3		4		5		6		7		8		9		10		11		12		Max.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	SW	3-7	SW	3-6	SW	3-7	SSW	3-7	WNW	3-4	SW	4	WSW	5-6	SW	6-7	SW	5-8	SW	5-7	SSW	5-7	SW	3-4	8
2	Var.	0-1	NW	0-2	W	0-2	W	0-2	N	1-2	NE	2	NE	1-2	N	0-2	N	1-2	NW	2-3	WSW	1-3	W	3	4
3	ENE	1-2	NE	1-3	ENE	2-3	NE	3-4	NE	2-3	NE	1-3	NE	1-3	N	1-3	NE	1-3	NE	1-3	NE	1-3	NE	1-3	4
4	NNE	1-2	NNW	1-2	W	2	W	1-2	WSW	1-2	SW	3	SW	3-4	SW	3-4	S	3-4	SSE	4-5	SSE	5	SW	5-6	6
5	W	0-2	Var.	1-2	N	1-3	N	1-3	N	1-3	ESE	0-2	ESE	1-3	ENE	1-3	ENE	1-3	E	1-3	E	1-3	ENE	0-2	4
6	NE	1-4	ENE	1-4	E	0-3	E	0-2	E	1-2	E	1	E	0-1	ENE	1-2	NE	1-2	NNW	2	NNW	1-3	N	1-3	4
7	NNW	1	NW	1-2	WSW	2	WSW	2	W	1-2	WSW	2	WSW	2-3	W	3-4	W	2-3	NW	2-3	NW	1-2	WNW	2-3	4
8	ENE	1	NE	1-2	N	1	NNE	1	NNW	2	NE	2	N	1-3	NE	1-4	NE	1-3	N	1-3	N	1-3	N	1-3	4
9	NW	4	NW	2-3	NW	4-5	NW	3-4	NW	3	W	3	WNW	2-3	NW	3-4	NNW	2-3	NNW	2-3	N	2-3	N	2-3	5
10	NW	3-4	WNW	3	NW	3	NW	3	WNW	3-4	WNW	3	WNW	2-3	NNW	2	NNW	2-3	NW	1-2	N	2	NW	1-2	4
11	N	1	NW	1-2	WNW	3	WNW	2-3	NW	1-3	NW	1-2	N	1-3	N	1-2	N	1-3	N	1-2	NNW	2-3	NNW	2-3	3
12	NE	1-2	N	1-3	N	1-2	N	1-3	NNW	2-3	NNW	3	N	2-3	N	1-3	N	2-3	N	1-2	N	1-3	N	1-3	4
13	NNE	3-4	NNE	3-4	NE	2-4	NE	2-4	NE	3-4	NE	2-4	N	4	N	3-4	NNW	2-4	NW	0-2	NW	1-3	N	1-4	4
14	N	1	N	2	N	1-2	N	2	N	0-1	NNE	0-1	NNW	1	NNW	0-1	NNW	1	NW	0-1	WSW	1	WSW	0-1	5
15	E	2-4	E	2-4	E	1-4	E	1-4	NE	1-4	NE	1-4	NE	2-5	ENE	2-5	ENE	2-6	NNE	2-5	NNE	3-6	ENE	1-4	6
16	NE	3-5	NE	2-4	NE	2-4	NE	1-4	NE	1-2	N	1-4	N	1-3	N	1-4	N	2-4	N	1-3	NNE	1-3	N	1-3	5
17	N	2	NE	1-2	NE	1	NNE	3	NE	2-3	NE	0-2	NNE	0-1	N	1-3	N	2-3	N	1-3	N	1-2	Calm	0	5
18	NE	1-3	NE	2-4	NE	2-4	NNE	3-4	N	3-4	N	3-4	N	2-4	N	2-3	NW	2-3	NW	0-2	NNW	1-2	NNE	0-1	4
19	NW	1-2	NW	2-3	NNW	2-3	N	2	N	2	N	2	N	1-2	NNE	2	N	2-3	N	0-1	N	1-2	NE	2	3
20	ESE	1	E	1-2	E	1	ENE	1	ENE	2	E	2	E	2-3	E	1	E	1-2	E	1-2	E	2-3	E	4	7
21	ESE	5-6	ESE	6-8	E	4-7	ESE	8	ESE	4-8	ESE	3-8	E	3-7	E	4-7	ESE	5-8	E	6-8	ENE	4-7	ESE	6-8	8
22	SE	3	SE	2-3	SE	2	SE	3	SE	3	SE	3	ESE	3-4	SE	4	ESE	4	SE	4	SE	4	SE	3-4	4
23	SE	2-3	SE	3-4	SE	3-4	SE	3-4	SE	4	SE	5-6	SE	7	ESE	8	SE	8	SE	8-9	SE	8-9	SE	9	9
24	SE	4-5	SE	4-5	SE	4-5	SE	3-4	SE	3	SE	4	SE	3	SE	3	SE	4	SE	4	SE	4	SE	3-4	5
25	SE	3	SE	3	SE	3	SSE	2	SE	2	SSE	2	SSE	2	SSE	1	SSE	2	SSE	2	SSE	2	SSE	2	3
26	SSE	2	SE	2	SE	2	S	2-3	SSE	2	SSE	2	SSE	1-2	SE	2	SSE	1	SSE	0-1	SE	1	SE	1-2	3
27	S	1	S	0-1	Calm	0	Calm	0	Calm	0	Calm	0	ENE	0	NE	0	E	0-1	E	0-1	ENE	0-1	N	0	2
28	Var.	1	N	1	NNE	1-2	N	0-1	NE	1	NNE	1	NE	0-1	N	1	NE	1	N	1-2	N	0-2	N	1	3
29	NNW	0-1	N	1-2	N	1	N	0-1	N	0-1	N	1	N	1	N	1-2	N	1-2	N	1-2	N	1-2	N	0-1	2
MEAN		2·24		2·43		2·40		2·45		2·29		2·36		2·45		2·59		2·74		2·48		2·62		2·48	

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Force.
1	WSW	2-3	N	2-4	N	1-4	NNW	1-4	SW	1-4	SW	1-4	SW	1-4	WSW	1-4	W	1-4	Var.	0-2	Var.	0-2	NE	1-2	3·6
2	N	1-3	N	1-3	N	1-3	NE	2-4	N	1-3	N	1-3	ENE	1-4	NE	2-3	Var.	0-2	NE	1-4	ENE	2-4	NE	0-1	1·8
3	NE	1-3	NE	2-4	ENE	3-4	ENE	2-3	N	2-4	ENE	2-4	N	1-4	NNE	1-2	NE	2-4	NE	0-2	NNE	1-3	Var.	0-2	2·2
4	NW	2-4	E	0-2	Var.	1	ESE	2	NE	1-3	ENE	0-2	WNW	0-2	NW	1	NW	1-2	W	1-3	W	1-3	W	2-3	2·4
5	NE	0-2	NE	1-2	NE	0-2	N	1-3	ENE	0-2	NE	1-3	E	1-2	NE	0-2	NE	0-2	E	1	E	1-2	NE	1-4	1·6
6	N	1-2	E	1	E	0-2	NE	0-1	NE	0-2	N	0-2	NE	0-2	NE	0-1	N	1	N	1	N	0-1	N	0-2	1·3
7	W	2	NW	1	NW	1	NNW	1-2	N	1-2	N	1-2	N	1-2	NNW	1	NNW	1	NNE	1-3	E	1-2	E	1-2	1·8
8	NNE	1-2	N	1-3	NE	1-2	NE	1-2	N	1-3	N	1	N	0-1	N	1	N	3	N	3-4	NNW	3-4	NW	3-4	1·9
9	NNW	1-3	NW	2-3	NNW	2-3	NW	2-3	NW	2-4	WNW	5	WNW	5	NW	4-5	WNW	3-4	W	3-4	W	3-4	WNW	3-4	3·2
10	NW	2-3	N	1-2	NW	1	NW	0-1	NNW	0-1	NW	2-3	WNW	2	NNW	1-2	N	1-2	NW	0-1	NNW	1	NW	0-1	1·9
11	NW	2-3	NW	2-3	NW	1-2	NNW	1-2	NW	1-2	NW	1-2	NNW	2-3	NNW	2	NW	1-2	NNW	2-3	NNW	1-2	N	1-3	1·9
12	N	1-3	N	1-2	NNE	1-2	N	2-3	N	1-3	N	1-3	NNE	2-4	NE	1-3	NE	1-2	N	1-2	NE	3-4	NNE	2-4	2·1
13	N	1-3	N	2-4	NNE	2-3	N	2-3	NE	1-3	N	1-3	NNW	1-2	N	2	NNE	2	NNE	2-3	N	1-3	NNW	2	2·6
14	W	1	Calm	0	Calm	0	Calm	0	N	1	NW	0-1	NW	0-1	N	1	NNE	1	ENE	1-3	E	4	E	4-5	1·1
15	N	1-4	ENE	2-3	ENE	2-3	ENE	1-3	N	3-6	NNE	2-5	N	2-4	NNE	2-4	NE	3-7	NE	2-4	ENE	2-5	NE	1-4	3·1
16	N	1-2	N	2-3	N	1-3	NE	1-3	N	0-2	ENE	1-2	N	1	N	2-3	N	2	N	2-3	NNE	2	N	2-3	2·2
17	NNE	1-2	N	0-2	N	1-2	N	1-2	NNW	1-2	NNW	2-4	NNW	1-2	N	1-3	N	1-2	NNE	1-2	NNE	2-3	NNE	2-5	1·8
18	NW	0-1	N	2	N	2	NNE	2	N	1-3	N	1-3	E	2-3	ESE	2	ESE	2	SE	0	W	0	NW	1	2·0
19	NE	1-2	NE	0-2	NE	0-1	E	1	ENE	0	N	1	Calm	0	NE	0-1	NNE	1	NNE	0-1	NE	0-1	ENE	0-1	1·3
20	ESE	3-4	E	3	ESE	2	E	2-3	E	3-4	ENE	1-3	E	4-5	ESE	5	ESE	7	ESE	7	E	6-7	ESE	4-6	3·0
21	ESE	7-8	ESE	6-8	E	6-7	SE	3-6	ESE	4-5	ESE	4	ESE	3	SE	2-3	SE	3	SE	3	ESE	2	SE	2-3	5·2
22	SE	3-4	SSE	3	SSE	2	SE	2	SE	3	SE	3	SE	2	SE	2	SSE	2-3	SE	3	SSE	3	SSE	3	3·0
23	SE	9	SE	7	SE	7-8	SE	7-8	SE	7-8	SE	8	SE	8	SE	7	SE	7	SE	6	SE	5-7	SE	5	6·5
24	SE	3	SE	3-4	SE	3-4	SE	3	SE	3	SE	3	SE	3	SE	3	SE	3-4	SE	3-4	SE	4	SE	3	3·5
25	SSE	2	SSE	2	SSE	1-2	S	1	S	0-1	SSE	1-2	SSE	1-2	SSE	1-2	SSE	1	SSE	2	SE	2-3	SE	3	1·9
26	ESE	2	SSE	2	SE	1-2	SSE	1	SE	1	SSE	1	SE	2	S	1	S	1	SSW	1	S	1	S	1	1·5
27	N	0-1	NNW	0-1	N	0-1	N	0-1	N	1	N	0-1	N	1	N	1	N	1-2	N	1	N	1	NE	1	0·5
28	NE	1-3	N	1	N	0-1	N	0-1	N	1-2	N	0-2	N	1-3	N	1	N	1-2	N	1-2	N	1	NNE	1-2	1·1
29	Calm	0	N	0-1	N	0-1	ENE	0-1	NE	1	N	1-2	Calm	0	NE	1-2	N	0-1	NE	1	Var.	0-1	NE	0-1	0·9
MEAN		2·34		2·21		1·97		1·95		2·09		2·21		2·16		2·05		2·21		2·17		2·29		2·24	2·31

WIND. DIRECTION AND FORCE (0 to 12). MARCH 1892.

	1		2		3		4		5		6		7		8		9		10		11		12		Max.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	NE	0-1	NE	1-2	E	1-2	ESE	2	E	3	ESE	4	ESE	3-4	ESE	4	ESE	4	ESE	4	ESE	5	ESE	5	6
2	ESE	4-5	ESE	2-4	ESE	4-5	ESE	4-5	ESE	4	ESE	4	ESE	4-5	ESE	4-5	ESE	4-5	ESE	5	ESE	4	ESE	5	5
3	ESE	3	SE	3-4	ESE	3-4	SE	2-3	E	2-3	ESE	3	ESE	2	SE	2	ESE	2-3	ESE	2-3	ESE	3-4	ESE	3	4
4	SE	2	SE	2	SE	2	SE	1-2	SE	1-2	SE	1	SE	1	SE	1	SE	2	SE	1-2	SE	1	SE	1-2	3
5	S	2	S	1-2	SSW	1-2	S	1-2	S	1-2	SSE	2	SSE	2	SSE	2	SSE	2	SSE	2	SSE	2	SSE	2	2
6	SSE	2	SSE	2-3	SSE	2	SSE	2-3	SE	2	SE	3	SSE	2	SE	2	SSE	2	SE	2	SSE	2	SE	1-2	3
7	S	1	S	1	S	1	SW	1	SW	1-2	SW	0-1	SW	1-2	SW	1-2	SW	1-2	SW	1	SW	1-2	SW	1	2
8	W	1	NW	1	W	0-1	NNE	2	NE	1-3	N	1-3	N	1-2	N	1-2	NW	1-2	WNW	1-2	WNW	1	W	0-1	3
9	N	0-1	N	0-2	NNE	0-1	WNW	1-2	N	1-2	SW	1	NE	0-1	NE	0-2	ENE	2-3	NE	1-2	N	1-2	Var.	0-1	4
10	NNE	2-4	NNE	1-4	NNE	2-5	NNE	2-5	W	1-3	NE	1-3	NE	1-3	NW	2-3	N	2-4	N	1-4	N	1-4	N	1-4	5
11	Var.	0-2	Var.	0-1	N	1-2	N	1-3	Var.	1-2	N	0-1	NW	0-1	N	1-3	N	1-2	N	0-1	Calm	0	E	0-1	3
12	NE	0	NE	0	Calm	0	E	0-1	NE	0-1	NE	1-2	NE	1-2	N	1-2	NNW	0-2	N	1-2	NNE	1-2	NNE	2-3	3
13	ESE	2-3	ESE	3	E	3	ENE	1-2	E	2-3	ENE	1-3	N	2-3	NNE	2-3	NE	1-3	NNE	0-2	NNE	1-2	NNE	2	3
14	N	1-3	N	0-1	N	1-3	N	1-3	NE	0-1	ENE	0-2	NNE	0-2	NNE	0-1	N	1-2	N	0-1	N	1-2	N	1-3	3
15	Calm	0	Calm	0	Calm	0	SW	0	Calm	0	NW	0	W	0	Calm	0	Calm	0	SE	0	SE	0	SE	0-1	1
16	N	0-1	N	0-1	Calm	0	N	0-1	SW	0-1	SSE	1	SE	1	SE	3	SE	3	SE	4-5	SSE	3-4	SE	3	6
17	S	4	SE	4-5	S	5-6	S	6	SSE	6-7	SSW	5-6	SSW	5-6	SSW	5-6	SSW	5-6	SW	3-4	SSW	3-4	WSW	1-3	7
18	SW	4-6	SW	3-5	SW	5-6	SSW	5-6	SSW	3	SW	3	SW	3-4	SSW	4-5	SSW	3-4	S	3-5	SSW	4-6	SSW	4-5	8
19	SE	4-5	SE	3-4	SE	3-4	SE	3-4	SE	4	SE	5	SE	5-6	SE	5-6	SE	5	SE	5-6	SE	5	SE	3-4	8
20	SE	7-8	SE	8	SE	7	ESE	7	SE	6-7	SE	6	SE	7-8	SE	6-7	SE	7-8	SE	6-7	SE	6-7	SE	7-9	9
21	SW	1-2	SW	1	WSW	2	SW	1-2	WSW	1-2	W	2	WNW	2	NNW	0-2	NNW	1	N	0-1	N	0-1	N	1-2	4
22	NE	1-3	NNE	1-3	NE	1-3	NE	1-3	NE	2-4	NE	1-3	NE	1-3	NE	1-3	NE	0-2	NE	1-3	N	2-3	NE	0-3	4
23	N	1-3	N	1-3	N	1-2	N	1-3	N	1-3	NNE	1-3	NNE	1-3	NNW	1-2	NNE	2-3	NNE	1-2	NNE	1-2	N	0-2	4
24	N	2-3	N	1-2	N	1	N	0-1	NNW	1-2	N	1-2	NNW	1-2	N	2-3	NW	2-3	NW	0-1	Calm	0	NW	0	3
25	W	3	NW	2	WNW	1-2	W	2	WNW	3	W	2-3	WSW	2-3	WSW	2-3	WSW	2-3	SW	2	SW	2-3	SW	2-3	4
26	W	2-3	NW	2-3	W	2-3	W	1-2	W	1-2	NNE	1-2	N	2	N	1	NNE	1-2	N	0	Calm	0	Calm	0	3
27	N	0	NE	0-1	Calm	0	NE	0-1	N	0	NE	0-1	E	1	ESE	3	ESE	1-2	ESE	3	ESE	2-3	SE	1-3	3
28	W	1-2	N	1-3	NW	1-3	W	2-3	W	1-3	WNW	1-2	WNW	2-3	WNW	3	NW	0-1	NE	0-2	NE	1-2	N	1-4	4
29	N	1-2	N	1-2	N	1	N	1-2	N	1-2	N	2	N	0-2	NNW	1-2	NW	2	W	2	WSW	1-2	WSW	1-2	4
30	WSW	2-3	SW	2-3	SW	3	SW	2-3	W	2-3	WSW	3	W	1-3	SW	2-3	SW	3	SW	2-3	SW	3	SW	3	4
31	SW	3	SW	2-3	SW	3-4	W	3	W	3-4	WNW	1-5	NNW	2-5	NW	0-4	NW	1-4	W	1-4	W	1-4	W	2-4	4
MEAN		2·21		2·06		2·21		2·27		2·23		2·24		2·29		2·45		2·47		2·21		2·26		2·23	

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Force.
1	ESE	3-4	ESE	3	ESE	3	E	1-4	ESE	3	ESE	3	ESE	4-5	ESE	4	ESE	4	ESE	5	ESE	2-4	ESE	4-6	3·4
2	ESE	4-5	ESE	4	ESE	3	ESE	3-4	ESE	3-4	ESE	3-4	ESE	3	SE	4	ESE	3	ESE	3-4	ESE	4	SE	3	3·9
3	ESE	3	SE	2-3	SE	2	SE	2	ESE	3	ESE	3	SE	2-3	SE	2-3	SE	2-3	SE	2-3	SE	3	SE	2	2·7
4	SE	2	SE	1-2	SSE	1-2	SSE	2	SSE	2	SSE	3	SSE	2-3	SSW	2	S	2	S	2	S	1-2	S	2	1·7
5	SSE	1-2	SSE	1	SSE	1	SE	1-2	SSE	1-2	SSE	1-2	SE	2	SSE	2	SSE	2	S	1	S	1-2	SSE	2	1·7
6	SSE	1-2	S	1-2	SSW	1-2	SSW	1-2	S	1-2	S	1-2	S	1-2	S	1	S	1	S	1	SSE	1-2	S	1	1·7
7	SW	2	SW	1	WSW	1	W	0-1	Calm	0	W	0-1	W	0-1	Calm	0	W	1	W	1	WSW	1-2	WSW	1-2	1·0
8	W	1-2	WNW	1	NW	1	NW	1	N	0-2	N	1-3	N	1-3	N	1-2	N	2	NNW	1	NNW	1	NNE	2	1·4
9	Var.	0-1	N	0-2	NNE	1-2	NW	1-2	W	1-2	N	1-3	N	1-3	NE	1-2	N	1-2	NNE	1-2	NE	2-3	NE	2-4	1·4
10	N	1-4	NNE	3-5	NE	2-4	NNE	2-5	N	2-5	N	2-5	N	2-5	NNE	2-4	NNE	2-4	N	1-4	NNW	1-3	NW	1-2	2·8
11	Calm	0	E	0-1	N	0-1	Calm	0	E	0-1	Calm	0	Calm	0	ESE	0-1	Calm	0	Calm	0	E	0-1	Calm	0	0·6
12	N	0	N	0-1	NNW	1-2	N	0-1	NNE	0-2	NNE	1-3	NNE	0-2	NNE	0-1	N	0-2	ENE	1-2	E	2	ESE	2-3	1·1
13	NE	1-2	N	0-2	NE	2-3	NNE	1-3	NNE	1-2	N	1-3	NNE	1-3	N	1-3	N	1-3	NNE	1-3	Var.	0-1	N	1-3	2·0
14	N	0	N	0	N	0	NNE	0-1	N	0-2	NNE	1-2	NNE	1-2	N	1-2	Calm	0	Calm	0	Calm	0	Calm	0	0·9
15	SE	0-1	SE	0-1	SE	1	SE	1	SE	1	SE	0-1	ESE	0-1	N	0-1	N	0-1	N	0-1	Calm	0	N	0-1	0·3
16	SE	5-6	SE	5-6	SE	5-6	SE	5-6	SSE	3-4	S	3-4	SSW	4-6	WSW	3-5	SW	3	SW	3	SSW	3	S	3	3·0
17	SW	1-3	SSW	3	SSW	3	SSW	3-4	SW	1-4	SW	2-4	SSW	2-4	S	3-4	S	4	SSW	4-5	SSW	4-5	S	5	4·1
18	S	5	SE	5-6	S	7-8	SSE	5-7	SE	4-6	SE	5-6	S	6-7	SE	7	SE	7	SSE	6-7	SE	7	SE	6-7	5·2
19	SE	3-4	SE	3-4	SE	4-5	SE	6	SE	6-7	SSE	7	SSE	5-6	SE	6-7	SE	7-8	SE	8	SE	7	SE	6-7	5·2
20	SE	6-7	SE	5	SE	5-6	SE	4-5	SE	4	SE	2	SSW	1	SSW	1-2	SSW	2	S	2	S	2	SSW	1	5·1
21	N	1-2	ENE	0-1	N	1-2	NE	1-2	NE	1-3	NE	1-3	NNE	0-4	NE	1-3	N	1-2	N	1-3	N	1-2	N	1-2	1·5
22	ENE	1-3	NNE	1-2	N	0-1	N	1-3	NE	2-3	NE	1-3	NNE	1-3	N	1-3	NE	1-3	N	1-3	N	1-3	N	1-3	1·9
23	N	1-2	NNE	0-2	N	1-3	NE	1-2	NNE	0-1	NE	1-2	N	1-2	N	2-4	N	1-3	N	2-4	N	2-4	N	3-4	1·9
24	NNW	0-1	N	0-1	N	0-1	N	1	N	1-2	NW	1-2	NW	1-2	WNW	2	WNW	3	NW	2-3	NW	2-3	W	2	1·4
25	WSW	2-3	SW	2	WSW	2	WSW	2-3	W	3-4	W	3-4	WNW	3-4	WNW	1-2	WSW	3-4	NW	0-2	WNW	1-2	W	2-3	2·4
26	Calm	0	Calm	0	N	0	NNE	0	NW	0	Var.	0	NE	0-1	NNW	1	NE	1-2	NE	1-2	NNE	0-2	N	0-1	0·9
27	SE	0-1	SE	0	SE	0-1	SE	0	Calm	0	NW	0	Calm	0	Calm	0	WSW	0	W	0	WSW	0-1	W	1-2	0·7
28	NW	2-4	N	0	N	1-2	NE	1-2	NE	0-3	NE	0-2	NE	0-3	NE	2	N	1-2	N	0-1	N	1-2	NE	1-2	1·6
29	SW	3	SW	2-3	SSW	2-3	SW	3	WSW	2	W	2-3	WNW	2-3	SW	3	SW	3	SW	3-4	SW	3	SW	3	2·2
30	SW	3	SW	3	SW	3	WSW	2-3	WNW	2-4	W	3-4	WNW	3-4	WNW	1-3	W	3-4	W	3-4	WSW	2-3	W	2-3	2·8
31	W	3-4	SW	3-4	SW	2-3	W	2-3	W	2-3	W	3-4	W	3	W	3-4	WNW	2-4	W	2-4	W	2-3	WNW	2-4	2·9
MEAN		2·19		1·94		2·14		2·16		2·13		2·31		2·31		2·29		2·37		2·31		2·24		2·37	2·24

WIND. DIRECTION AND FORCE (0 to 12). APRIL 1892.

	1		2		3		4		5		6		7		8		9		10		11		12		Max.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	W	3-4	WNW	3-4	WNW	3-4	W	3-4	WNW	3-4	NW	1-3	NW	3-4	WNW	4	WNW	4	WNW	3	W	3	W	3	4
2	W	3	WSW	3	WSW	2	W	2-3	W	1-2	W	1-2	WSW	1-2	WSW	1-2	SW	1-2	SW	1-2	SW	1-2	SW	1-2	3
3	W	3	W	3	W	3	W	3	W	2	W	2	W	2	W	1	WSW	1	SW	1-2	S	1-2	SE	2	4
4	SSE	2-3	SSE	2-3	S	2-3	S	2-3	S	2-3	SSW	2-3	S	3-4	S	3	SSE	3-4	S	1-3	SSW	1-2	S	3	4
5	W	2-3	WSW	3	W	2-3	WSW	3	SW	1-2	SW	1-2	SW	1-2	SW	1-2	SSW	1-2	SSW	1-2	SSW	2	S	0-1	3
6	WNW	1-2	W	1	W	0-1	W	0-1	W	0-1	WNW	2	NW	1	WNW	0	Calm	0	ESE	0	SE	0-1	SE	1	2
7	SE	1-2	ESE	2	ESE	2-3	SE	3	SE	2	SE	3	SE	3-4	SE	4	SE	3-4	SE	4	SE	3	SE	2	4
8	SE	1-2	SE	1	SE	3	SE	3	SE	3	SE	3	SE	3	SE	2-3	SE	2-3	SE	2	SE	2	SE	2	4
9	SE	4	SE	4	SE	3-4	SE	3	SE	3	SE	2	SE	1-2	SE	1-2	ESE	1	E	1	ESE	2	SE	1-2	4
10	SE	3-4	SE	3	SE	3	SE	2-3	SE	2-3	SE	2	SE	1	SE	1	SE	1	SE	1	SE	1	SSE	1	4
11	N	0	N	0-1	NE	0-1	N	0-1	NNE	0-1	NE	0-1	Var.	0-1	NE	0	N	0	NE	0	ESE	0-1	ESE	0-1	1
12	N	0	Calm	0	N	0	N	0	NNE	0	Calm	0	N	0	NE	0	N	0	Calm	0	NNE	0-1	N	0-1	6
13	N	2-6	N	0-2	N	1-4	N	2-6	N	0-3	NE	0-2	N	1-2	NW	0-2	NNW	0-2	N	1-2	N	1-2	N	0-1	6
14	Var.	0-1	N	0-2	N	0-2	N	0-1	NE	0-1	N	0-1	N	0-2	N	0-1	NE	0-1	Calm	0	N	0	N	0-1	2
15	SE	0	Calm	0	Calm	0	N	0	N	1	NE	0-1	N	0-1	ENE	0	Calm	0	Calm	0	SSW	0	Calm	0	2
16	ESE	0-1	W	0	NW	0-1	N	0-1	N	1	N	0-1	ENE	0-1	E	1	SE	0-1	ENE	0-1	E	0-1	Calm	0	2
17	N	0-1	N	1	NE	1-2	NE	1-2	NE	1-2	NE	1-2	NE	1-2	NE	1-2	N	1-2	NNE	1-2	NE	1	N	1-2	3
18	N	0-1	N	0-1	NE	1	NNE	1-2	NE	1-2	N	1-3	N	1-3	ENE	1-3	NE	2-3	N	1-2	NE	1-3	N	1-3	3
19	NW	0	Var.	0	S	1-2	S	2	S	1-2	S	2	S	2	S	2-3	SSE	3	S	2	S	2-3	S	2	4
20	Var.	0-1	NE	1-2	NNW	0-1	N	0-1	Var.	0-1	N	0	N	0-1	NW	1	SW	1-2	S	2	S	2	S	2-3	4
21	WNW	1-3	NW	1-3	WNW	2-4	W	2-4	N	2-3	W	1-3	NW	1-3	WNW	1-3	NW	1-2	NW	1-3	W	2-3	W	2-3	5
22	NNW	2-3	W	1-3	NNW	1-3	N	1-3	N	1-3	NW	1-3	NNW	1-3	N	1-3	SW	2-3	NNW	1-2	Var.	1-3	Var.	1-3	4
23	WNW	1-4	NW	1-4	Var.	1-3	NE	1-3	Var.	0-2	N	1-3	NE	1-2	Var.	1-3	N	0-3	W	1-4	NW	1-3	NW	2-4	4
24	NE	3-5	NE	2-4	NE	1-3	NE	1-3	NE	0-3	NE	1-2	NNW	1-2	N	1	NE	1-3	NE	1-2	N	1-2	Var.	1-2	5
25	N	1-2	NE	1-3	N	2-3	N	1-2	N	1-2	N	2-3	NE	2-3	N	2-3	N	0-1	NNE	0-2	N	1-2	N	1	4
26	NE	2-3	NE	2-3	NNE	2-3	NE	1-3	N	1-3	NE	1-2	NE	1-2	N	0-1	NE	1-2	Calm	0	N	1	N	1	3
27	SSW	2-3	S	3	SSE	4	SSE	4-5	SSE	4-5	S	3-4	S	3-4	SW	2	N	0-1	N	1-3	N	1-3	N	1	5
28	N	4-6	N	1-5	NE	1-3	NE	2-3	NE	2-3	NE	2-3	NE	2-3	NE	0-2	NE	1-2	Var.	0-1	Var.	0-2	NE	0-1	6
29	Calm	0	N	0	NE	0	ENE	1	SW	0-1	N	1-2	N	1-2	N	1-2	SW	0-2	Calm	0	NNW	1-2	NNW	1	3
30	NE	1-2	NE	1-2	NE	1-2	NE	1-2	N	1	NW	1-2	NNW	1-2	NNE	0-2	N	1-2	NE	1-2	NE	1-2	N	1-2	3
MEAN		1·90		1·77		1·88		1·98		1·68		1·68		1·73		1·50		1·47		1·30		1·50		1·42	

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Force.
1	W	2-3	W	2-3	W	3	W	3	W	3-4	W	3	W	3	NW	1-2	W	3	WNW	3	WNW	3	W	3	3·1
2	WSW	1-2	SW	1-2	SSW	1	W	0	WSW	1	WSW	1	SW	1	WSW	2-3	W	3	W	3	W	2-3	W	3	1·8
3	SSE	2-3	SE	2	SE	3	SE	2-3	SE	2	SE	3	SE	3	SE	4	SE	4	SE	4	SSE	3-4	SSE	4	2·6
4	S	1-2	SSW	2	S	2-3	SW	1-2	WSW	0-1	W	0-1	WSW	1-2	SW	3	SW	2-3	SW	3	W	2-3	SW	2	2·3
5	SW	0-2	SW	2	WSW	2	W	0-1	W	0-1	WSW	0-1	W	1-2	W	0-1	W	0-1	WNW	1	W	1	W	0-1	1·4
6	SSE	1	Calm	0	SE	0-1	SE	0	SE	1	SE	0-1	SE	0	SE	0-1	SE	0-1	SE	1	SE	1	SE	1	0·6
7	SE	1	SE	1-2	SE	2	SE	2	SE	3	SE	3	SE	3	SE	3	SE	2	SE	1	SE	1	SE	1	2·4
8	SE	2-3	SE	3	SE	3	ESE	3	SE	2-3	SE	2-3	SE	2	SE	2-3	SE	3	SE	3-4	SE	3-4	SE	4	2·6
9	SE	2	ESE	3	SE	2-3	SE	2-3	SE	3	SE	3	SE	3-4	ESE	3	SE	3	SE	3	SE	3	SE	3	2·6
10	SE	1	SE	1	SE	0-1	SE	0-1	SSE	0	SE	0-1	SE	0	SE	0	N	0	N	0	N	0	N	0	1·1
11	N	0-1	N	1	N	1	N	0-1	NE	0	E	0-1	SE	1	SE	0	SE	0	Calm	0	Calm	0	Calm	0	0·4
12	NE	1-2	NW	0-1	Calm	0	NNE	0-1	N	0	N	1-2	N	1-4	N	2-4	N	2-5	N	2-5	NE	2-6	NNE	2-5	1·0
13	NNW	0-1	NE	0-2	N	0	N	0-1	NNE	0-2	N	0	NE	1-2	N	0-2	N	2-3	N	0-2	Var.	0-1	ENE	0-1	1·3
14	NE	0	NE	0-1	NE	1	NE	0	N	0-1	N	0-1	N	0	NNE	1-2	NE	0	NE	0	ENE	1	SE	0-1	0·5
15	NE	0-1	Calm	0	N	0-2	N	0-1	NE	0-1	N	0-1	Calm	0	NE	0	N	1-2	NE	1-2	E	0-1	Calm	0	0·4
16	E	0-1	E	0-1	Var.	0-1	NE	0-1	NNE	1-2	NE	1-2	NE	0-2	N	0-1	N	1	N	0	NE	1-2	N	1-2	0·7
17	N	0-1	N	1-2	N	1-3	N	1-3	Calm	0	NNE	0-1	N	1-2	N	1-2	NE	1-2	NE	1-2	N	0-1	N	0-1	1·2
18	N	1-3	N	0	Calm	0	NE	0-1	E	0-1	N	1-2	N	1-2	N	1-2	N	1-2	N	0	Calm	0	Calm	0	1·2
19	S	2-3	S	2-3	S	2-3	S	3-4	SSW	3	SSW	2-3	S	3	SSW	3	SSW	3-4	SW	2-4	W	2-4	W	1-2	2·3
20	SW	3	SSE	2-3	S	2-3	S	2-3	S	3-4	S	4	S	4	S	4	SW	2-4	WNW	2-4	NW	1-3	NW	1-3	2·0
21	SW	2-3	SW	3-4	SW	3-4	SW	3-4	SW	2-4	WSW	2-4	WSW	2-5	WSW	2-5	W	3-4	W	3-5	WNW	2-4	Var.	1-3	2·7
22	N	2-4	NW	2-4	W	2-4	NW	2-3	SW	1-4	Var.	1-4	SW	1-3	N	1-4	NW	2-4	N	2-4	NW	1-4	N	1-3	2·3
23	S	1-3	SW	1-3	SW	1-4	SW	1-3	WSW	1-3	WNW	1-3	N	0-1	N	0-2	NE	1-4	NE	1-2	Var.	1-4	NE	1-3	2·0
24	W	1-3	NW	1-3	W	1-3	SW	1-3	W	1-3	W	1-3	W	1-3	W	1-2	NW	1-3	N	1-3	NW	1-3	NE	0-2	1·9
25	N	1-2	Calm	0	N	1-2	NE	2-4	NE	1-3	NE	1-3	NNE	1-3	NE	1-2	Var.	0-1	N	1-2	N	1-3	NE	2-3	1·7
26	Calm	0	N	0	NW	0	Calm	0	SW	0-1	SW	1	W	0-1	SW	1-2	SW	1-2	SSW	1-2	S	3	S	3	1·3
27	NE	1-2	NE	1-2	ENE	2-3	NE	1-3	NE	2-3	N	2-4	NE	1-4	NE	1-4	NE	3-4	N	1-4	N	2-4	N	3-5	2·7
28	NE	1	NE	1	NE	1-2	NE	0-1	NE	1	NE	1	NE	0-1	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	1·3
29	NE	0-1	Calm	0	NE	1-2	N	2-3	N	2-3	NE	2-3	N	1-3	NE	1-3	N	1-3	N	1-2	N	1-3	NE	2-3	1·3
30	NW	1-2	WSW	1-2	Var.	0-1	W	1-2	NNW	1-2	W	1-2	N	1-2	NW	1-2	WNW	2-3	W	2-3	W	2-3	W	2-3	1·6
MEAN		1·45		1·43		1·63		1·53		1·57		1·70		1·72		1·80		2·02		1·87		1·88		1·77	1·68

WIND. DIRECTION AND FORCE (0 to 12). MAY 1892.

	1		2		3		4		5		6		7		8		9		10		11		12		Max.
	Dir'n.	Force	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	SW	2-3	SW	3	SW	2-3	SW	2-3	SW	1-2	SW	1-2	SW	2-3	SSW	2-3	SW	2-3	SW	2	SSW	2-3	S	1-2	4
2	S	2	SSE	1-2	S	0-1	Calm	0	Calm	0	N	0-1	N	0-1	ENE	0-1	E	1	ENE	1-3	NE	1-2	E	1-2	5
3	N	1-4	NE	1-4	N	1-3	NE	1-4	NE	3-5	NE	1-4	NE	2-5	N	2-5	N	1-4	N	1-3	NE	1-5	NE	1-6	6
4	NE	1-4	NNE	2-4	NE	2-4	NE	1-4	NE	1-4	ENE	1-3	NE	1-3	N	1-2	NE	1-2	NE	2-3	N	1-3	NE	1	4
5	N	2-4	N	1-4	N	1-4	N	2-4	Var.	0-2	NNE	2-4	N	1-4	N	2-4	N	0-2	NE	0-2	E	1	N	1-2	4
6	N	1-2	N	1-2	N	1	N	1-3	N	1-2	N	1-2	NW	0-1	N	1-2	NNW	1-2	N	0	Calm	0	Var.	0-1	4
7	W	4-5	W	4-5	WNW	4	W	4	W	4	W	4	W	1-2	NW	1-2	NW	2-3	WSW	1-2	Calm	0	N	0-1	5
8	NE	1	N	1	N	1	N	1	NW	1-2	N	1	NE	1	E	0-1	Calm	0	SSE	1	SSE	1-2	SW	0-1	3
9	NW	1-2	WNW	0-1	NW	1-2	NW	2-3	W	1-3	N	1-2	NW	1-2	N	0-1	W	1-2	WSW	2	SW	1-2	WSW	1-2	3
10	W	0-1	SW	1-2	Calm	0	SE	0-1	SSE	0-1	SE	0-1	SE	1	SE	1	SE	2-3	SE	2-3	SE	2-3	SE	3	4
11	ESE	3-4	E	4	ESE	4	SE	4-5	SE	4	SE	4	SE	4	SSE	4	SE	4	ESE	3	ESE	4	ESE	4	5
12	SSE	3	SSE	2-3	SSE	2-3	SSE	2	SSE	3	S	3	S	3	S	3	SSE	2-3	SSE	3	SE	2-3	SE	3-4	6
13	S	2	S	1-2	S	2-3	S	2	S	2	S	2	S	2	SSW	2-3	SSW	2	S	2	S	1	S	1-2	3
14	SW	2-3	SW	3	WSW	1-2	N	1-2	N	1	N	0-2	N	1-2	Var.	1-2	NW	1	W	1-2	NW	1-2	NW	1-2	4
15	SW	2-4	SW	2-6	SSW	3-5	SSW	3-5	SW	4-5	SW	2-4	SW	2-3	NW	1-2	WSW	2-4	WSW	2-4	NW	1-2	W	1-2	6
16	W	1-3	SW	2-4	SSW	2-3	SW	3-4	SW	3-4	W	1-2	WNW	1-2	W	1-2	W	1	NW	1-2	NW	0-1	N	1	4
17	NE	1-3	NE	1-3	NNE	1-2	NE	1-2	N	1-2	NE	1-2	N	0-1	NE	0-1	ENE	0-1	N	0-1	NE	0-1	N	0-1	3
18	SSE	2-3	SSE	3	SE	3	SSE	3	SE	3	SE	3	SE	3	SE	3-4	SE	4	SSE	4-5	SSE	4-5	S	2-4	5
19	N	1-3	N	1-3	N	1-2	Var.	0-1	NE	0-1	N	1-2	Var.	0-1	N	1-2	N	1-2	NW	1-2	W	1-2	W	1-2	4
20	W	1-2	WNW	1-3	SSW	2-3	NW	1	NW	1	NE	1-2	N	1	NNE	1	NE	1-2	NE	1-2	NE	2-3	NE	1-2	4
21	WSW	1	Var.	0-2	NE	1-2	NE	1-2	NE	1-2	N	1-2	Var.	0-1	W	1-2	SW	0-1	SSW	2-3	W	2-3	N	1-3	3
22	N	1-2	NE	1	N	1-2	N	0	N	0-1	Calm	0	W	0-1	Calm	0	SSE	0-1	SE	1	Calm	0	SSW	1	5
23	SE	4-5	SE	4	SE	3	SE	3	SE	2-3	SSE	2-3	S	3	WSW	1-2	SW	2	SW	2	SW	2-3	S	2	5
24	S	4	S	4-5	SE	6-7	SE	6	SE	5-7	SSW	4-5	S	3-4	SSE	4	S	3-5	S	4	S	3-4	SSW	4	7
25	S	2-3	S	2	SSE	2-3	SSE	2-3	SE	3	ESE	3	ESE	3	SE	4	SE	4	SE	4	SE	4	SE	4	4
26	W	1-2	SW	2	SW	1-2	SW	2	SW	2	SW	1-2	SW	1	S	1	SE	2-3	S	2	S	1-2	S	2	4
27	SE	3	SE	2	SE	3	SE	2	SSE	2	S	3	SW	0-1	SW	2	SSW	2	SW	1-2	WSW	1-2	WSW	1-2	3
28	SW	2-3	S	2-3	SSW	1	SW	1	SSW	1	S	1	SSE	1	SE	1	SE	2	ESE	2-3	ESE	3	ESE	3	6
29	ESE	4	ESE	4	E	3	ESE	4	SE	3-4	ESE	4	ESE	4-5	S	4	S	3-4	S	5-6	SW	3-6	SSW	3-5	6
30	WSW	3-5	W	3-5	W	2-4	SW	3-4	WSW	2-4	SW	2-4	SW	2-4	SW	2-4	SW	2-3	SSW	2-3	S	2-3	S	3	5
31	SW	2-3	SSW	3-4	S	2	SW	3	SW	3	SW	2-3	SSW	2-3	S	2-3	S	3	SE	4	SSW	3-4	S	3-4	4
MEAN		2·47		2·55		2·32		2·34		2·27		2·15		1·90		1·97		2·06		2·26		2·08		2·08	

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Force.
1	S	2	SSE	2	SE	2	SE	2-3	SE	2	SE	2-3	SE	2	SE	2	SE	3-4	SE	4	SE	3	SE	2-3	2·4
2	N	1-3	NE	1-3	NE	1-3	N	1-3	N	1-3	ENE	2-3	E	1-3	E	1-3	NE	1-4	NE	1-5	ENE	1-5	ENE	1-5	1·6
3	N	2-4	N	2-4	NNE	2-4	NE	2-4	N	2-5	N	1-5	NE	1-5	NE	1-5	NE	3-6	NE	2-5	NE	2-5	NE	3-5	3·1
4	SSE	0	ESE	0-1	NE	0-1	E	0	Var.	0-1	E	0-1	NE	1-2	N	1	N	0	N	0-1	N	0-2	NNE	1-3	1·4
5	NE	1	N	2	N	2	Var.	0-1	N	1-2	N	0-2	N	1-3	Var.	0-1	N	1-2	Var.	0-1	Var.	0-1	N	1	1·6
6	Calm	0	W	0-1	N	0-1	N	1-2	N	1-2	N	0-1	N	1-2	N	1-2	NNW	2	WNW	3	W	3	W	3-4	1·3
7	NW	2-3	Var.	0-1	N	1	Var.	0-1	NE	0-1	NE	1	N	1	N	0-1	N	1	N	1	N	1	N	1	1·8
8	SW	1	WSW	1	SW	0-1	SW	0-1	NW	0-1	WSW	2	SW	2-3	W	1-2	SW	2-3	WSW	2	WSW	2	W	2	1·2
9	SW	2	SSW	2-3	SW	2-3	SW	2-3	W	1-2	W	1-2	SW	1-2	WSW	0-1	SW	2	SW	1	W	1-2	W	1-2	1·6
10	SE	1-2	SE	0-1	SE	0-1	SSE	0-1	ESE	2-3	ESE	3	ESE	3-4	ESE	4	SE	3	SE	3	ESE	3	SE	4	1·9
11	SE	2	ESE	3-4	ESE	2-3	SSE	3	SE	3	SE	3-4	SE	3	SE	3	SE	3-4	SE	3-4	SSE	2-3	S	2-3	3·4
12	SE	2-3	SSE	2-3	S	2	S	2-3	S	2	S	5-6	S	3	S	4	S	4	S	4	SSW	2-3	SSW	2-3	2·9
13	SSW	1-2	SSW	2-3	SSW	2-3	W	1-2	SW	1-2	WSW	1-2	WSW	1-2	WSW	1	WSW	2	SW	3	SW	2-3	SSW	3	2·0
14	W	1-2	N	0-1	NW	1-2	NW	1-2	W	2-3	W	2-3	W	1-2	W	1-2	W	1-2	W	3	SW	3-4	SW	2-4	1·8
15	NW	1-3	WNW	1-3	W	1-2	SW	1-2	NW	1-3	NW	1-3	NW	1-3	W	1-3	W	1-3	NW	1-2	W	2-3	W	3-4	2·5
16	NNW	2-3	N	1-3	NNE	1-3	N	1-3	ENE	2-4	ENE	2-3	ENE	2-3	ENE	1-2	N	2-3	NE	2-3	N	1-2	NE	2-3	2·1
17	NNW	1	N	0-1	N	0-1	N	0-1	Calm	0	N	0	NE	0	N	0	Calm	0	SSE	0-1	SSE	2	SE	2	0·8
18	SW	2-3	NW	1-3	SW	1-3	SW	1-3	W	1-2	W	1-3	NW	1-2	NW	0-2	NW	1-3	W	1-3	WSW	1-3	N	1-2	2·6
19	W	1-2	W	0-2	W	1-2	WSW	2	WSW	3	WSW	3	SW	3	SSW	4	SW	2-3	SW	2-3	SW	3	NW	1-2	1·9
20	N	1-2	N	3-4	N	2-4	N	0-1	NE	2-3	NE	1-2	NE	1-2	N	1-2	N	0-1	W	1-2	SW	2	WSW	1-2	1·6
21	NE	1-2	NE	1-2	NE	1-2	NE	1-2	NE	2	NE	1-2	NE	1-3	NE	1-3	NE	1-2	NE	1-2	N	1-2	NE	1-2	1·5
22	S	0-1	SE	0-1	SE	1	SE	2	ESE	2-3	ESE	2-3	ESE	3-4	ESE	4	ESE	4	ESE	4	ESE	4-5	ESE	5	1·7
23	SSE	2	SSW	2	SE	2	SE	2-3	SE	3	SE	3	SE	3	SE	3	SE	4	SE	5	SE	4-5	S	3	2·9
24	SW	3-5	SW	2-5	WSW	2-4	SW	2-4	W	2-4	WSW	2-4	SW	2-3	SW	2-3	SW	2-3	SW	2-3	SW	2-3	SW	2	3·7
25	SSE	4	S	3-4	S	3-4	SW	3	WSW	2-3	WSW	2-3	SW	2	W	1-2	W	2-3	W	2-3	WNW	3	W	2-3	3·0
26	SSE	1-2	SSE	1-2	SSE	2	SE	2	SE	3	SE	3	SE	3	SE	3	SE	3	SE	4	SE	3	SE	2-3	2·2
27	SW	2	SSW	2	SW	1-2	SW	2	WSW	1-2	W	1-2	WSW	0-1	SW	1	SSW	2	SW	2	SW	2	SW	2	1·8
28	ESE	3	ESE	3-4	ESE	1-3	E	3	ESE	3-4	E	3-4	E	2-5	E	4-6	ESE	5-6	ESE	4-6	ESE	4-5	ESE	4	2·8
29	SSW	4-6	SW	4-6	SW	3-5	SSW	3-5	SSW	3-5	SW	3-5	SW	4-6	SW	3-5	SW	3-5	SW	3-5	SW	3-5	WSW	3-5	4·1
30	SW	2-3	WSW	2-3	SW	2-3	WSW	3-4	SW	3	SW	3	SW	3	S	3	SSW	2-4	SW	2-3	S	3	SW	1-2	2·9
31	SSW	2-3	SSW	2-3	SSW	2-3	S	3	S	3	S	3-4	SSE	3-4	SE	3	SE	3-4	SE	4	ESE	3-4	SE	3-4	3·1
MEAN		2·00		2·02		1·90		1·94		2·21		2·34		2·31		2·19		2·53		2·66		2·63		2·56	2·23

WIND. DIRECTION AND FORCE (0 to 12). JUNE 1892.

	1		2		3		4		5		6		7		8		9		10		11		12		Max.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	ESE	3-4	SE	4-5	SE	4	SE	1	S	1-2	S	4	WSW	1-3	W	1-2	W	1-2	SW	2-3	SW	2-3	SW	3	5
2	SW	1	SW	1-2	SW	2	SE	2	SSE	2-3	SE	3	SE	3-4	ESE	3	E	3	E	3-4	E	1-3	ENE	3-4	4
3	SW	3	WSW	2-3	W	1-3	SW	2-3	WSW	2-3	WSW	1-2	W	1-2	W	1-2	NW	0-2	NW	1-2	NW	1-2	NW	1-2	3
4	WNW	1-2	NW	1-2	W	2-3	NW	1-2	WSW	1-2	NW	1-2	WSW	1-2	W	1-3	W	1-2	SW	2-3	S	2	S	2-3	5
5	SE	4	ESE	4-5	ESE	3-4	ESE	4	E	3	E	3	ESE	2-3	ESE	1	ESE	0-1	ESE	0-1	Calm	0	Calm	0	5
6	S	1	SW	0-1	WSW	2-3	W	2-3	W	2	WSW	2-3	W	2	SW	1-2	Calm	0	SW	1	W	1	W	1-2	3
7	SW	2	SW	2	W	1	WSW	2	SW	2	W	2	WNW	1-2	NW	1-2	N	2	N	2-3	N	1	Calm	0	3
8	SE	3	SSE	2	S	2-3	S	2-3	S	1-2	S	2	SSW	2	S	2	S	1	SW	1-2	S	1	S	1-2	3
9	WSW	1	WSW	1	W	1-2	W	2	W	2	W	1-2	WNW	0-1	W	1	W	1-2	WNW	1-2	W	1-2	NE	0-1	2
10	N	1-2	N	2	N	2	N	1-2	N	1-2	NE	0-1	Calm	0	Calm	0	SE	1	SE	1	SE	1	SE	2	5
11	ESE	3-4	ESE	4	E	3-4	ENE	1-3	E	3-4	E	3-4	ENE	3-4	ENE	1-3	ESE	2-3	Var.	0-2	N	0-2	E	0-1	4
12	NE	1-2	N	0-1	NE	1	NE	1-2	N	2	N	1-2	Var.	0-1	N	2-3	NE	1-3	NE	1-3	N	1-2	NNE	1-2	3
13	Var.	0-1	Var.	0-1	E	0-1	NE	1-2	N	1-3	ENE	1-3	NE	1-3	NE	1-2	E	1	Var.	0-1	NE	1-2	Var.	0-1	3
14	N	0-1	N	1-3	N	2	N	1-2	N	1-2	N	1-3	N	1-2	N	1-2	N	1-2	N	0-1	N	0-1	N	1-3	3
15	N	2-3	NNE	2-3	NE	1-3	N	1-3	N	1-2	N	1-2	N	0-1	N	1-3	N	2	N	2	N	2-3	N	3	5
16	N	0-1	NNW	0	NNE	1-2	N	2	N	1-2	NE	1-2	NE	1-2	N	1-2	N	1-2	NNE	1	NNW	0-1	Var.	0-1	3
17	N	3	N	2-3	N	2-3	N	3	N	2-3	N	2-3	N	2-3	NNE	2-3	NE	3	Var.	1-2	NNW	2-4	NE	3-5	5
18	N	1-3	N	1-3	NE	1-2	N	1-2	NE	1-2	NE	2	NE	2-3	N	1-2	N	1-2	N	1-2	NW	0-1	N	1-2	3
19	N	2-3	N	2-3	N	1-2	N	1-3	N	1-2	N	1-2	N	1-2	N	1-2	N	1-2	N	1-2	N	1-2	N	2	3
20	N	2-4	N	1-3	N	0-1	N	2	NE	1-2	NE	2-4	ENE	2-3	ENE	1-2	N	0-2	N	1	N	0-1	NNE	0-1	4
21	N	0-1	W	1	NW	1	N	1-2	N	1	N	1	N	0	Calm	0	Calm	0	S	1	SSE	1	SSE	0-1	2
22	S	2	S	2	SSE	2	S	2	SSE	2-3	SE	3	SE	3	SE	2-3	SSE	2	SSE	1-2	SSE	1	S	0-1	3
23	Calm	0	Calm	0	Calm	0	N	1	N	1	N	0-1	N	0	Calm	0	Calm	0	Calm	*0	Calm	0	N	0-1	2
24	W	1-2	NW	0-1	NW	1	N	2	N	1-2	N	1-2	N	1	N	0	Calm	0	S	1	S	0-1	Calm	0	3
25	ESE	2-3	SE	2-3	ESE	3	SE	3	SE	3	SE	3	SE	3	ESE	3	SE	3-4	SE	3-4	SE	4	SE	5	7
26	SSW	4	SW	4-5	S	3-4	SW	3-4	SW	2-3	SW	3-4	SW	3-4	SSW	3-4	SW	2-3	SW	3	SW	2-3	SW	2-3	5
27	SW	2-4	SW	3-4	W	2-3	NW	2-3	W	2-3	W	2-3	N	1-3	W	1-3	WSW	3	W	2-4	WSW	3-4	WSW	3-4	4
28	S	1-2	WNW	1-2	NW	1-2	N	1	Var.	0-1	N	1-2	W	0-1	W	1-2	N	0	NNW	1	Calm	0	Calm	0	2
29	E	2	ESE	2	ESE	2	SE	2-3	SE	2-3	SE	2	ESE	2	SE	1-2	SE	1	SE	1-2	Calm	0	Calm	0	4
30	W	2-3	W	2	WNW	2	W	1-2	SW	2-3	SW	2-3	SW	3	S	2-3	SW	3-4	WSW	3-4	S	3-4	W	1-3	4
MEAN		2·02		2·00		1·95		2·03		1·95		2·12		1·78		1·65		1·53		1·65		1·42		1·55	

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Force.
1	SW	2-3	S	2-3	SW	2-3	SW	1-2	SW	2-3	WSW	2	WSW	2-3	W	2-3	WSW	1-2	WSW	1-2	SW	1-2	SW	1	2·3
2	E	3-4	ESE	3-4	SE	2	SW	1-2	W	1-2	W	1-2	W	1-2	NW	1-2	W	2-3	NW	0-2	SW	2-3	W	1-2	2·3
3	SW	2-3	WSW	1-2	W	2-3	W	2-3	W	2-3	WNW	2-3	WNW	2-3	W	1-3	W	1-3	W	1-3	NW	1-3	NW	1-3	2·0
4	SSW	2	SSW	2-3	S	2-3	S	2-3	SSE	2-3	SSE	2-3	SSW	2-3	S	3	SE	4	SE	4	SE	4-5	SE	4-5	2·5
5	N	0-1	N	0-1	N	0-1	N	0-1	Calm	0	N	0	Calm	0	Calm	0	Calm	0	SW	0-1	SSW	0-1	SSW	1	1 3
6	W	2	W	2	W	2	NW	2-3	NW	2	WNW	2-3	W	2	W	2	W	2	WNW	2	W	2	W	1-2	1·8
7	N	0-1	E	0-1	SE	0-1	SE	1	SE	2-3	SE	3	SSE	2-3	SSE	2-3	SE	2	SE	2	SE	3	SE	3	1·8
8	S	2-3	S	2	SSW	2-3	SW	2	SW	2	SW	1	Calm	0	Calm	0	SSW	1-2	SW	0-1	WSW	0-1	W	1	1·6
9	Calm	0	W	0	Calm	0	NW	0	E	0-1	E	1	E	0-1	Var.	0-2	NNW	0-1	N	0	N	0-1	N	1-2	0·9
10	ESE	2	ESE	2-3	ESE	3-4	SE	3	E	2-3	ESE	3	SE	3	ESE	4-5	SE	4-5	SE	4	SE	4	ESE	4	2·3
11	NE	0	NNE	0-1	NNE	0-1	NE	1	NE	1-2	N	1-2	N	0-2	NE	0-1	N	0-1	Calm	0	N	1	NE	0-1	1·6
12	Var.	0-2	N	1-3	Var.	0-2	N	1-3	ENE	1-3	NE	1-3	NE	1-3	Var.	1-3	N	1-3	NE	1-3	Calm	0	NE	1-2	1·6
13	N	1	N	0-2	Calm	0	Var.	0-1	NE	1-2	Calm	0	N	1	NE	1	N	1-3	Var.	0-1	N	1	ENE	1-2	1·0
14	N	1-2	N	1-2	N	0-1	N	2	N	0	N	1-2	NE	0-1	NE	1-2	N	1-2	N	1-3	N	1-2	N	1-2	1·4
15	N	2-3	NNW	2-3	N	1-3	N	1-3	N	2-3	N	4-5	N	1-3	N	2-4	N	2-3	N	0-1	N	1	N	0-1	2·1
16	NE	2	NE	0-2	N	1-2	NE	1-2	N	1-2	NNW	1	N	1-2	N	2-3	N	2-3	N	2-3	N	2-3	NE	2	1·5
17	N	1-3	N	1-2	N	1-3	N	1-3	N	1-3	Var.	0-2	NE	2	E	0-1	NE	2	NE	1-2	NNE	1-3	N	1-3	2·2
18	Var.	0-1	N	0-1	N	2	N	1-2	N	1	N	1-3	N	1-2	N	1-2	N	2-3	N	1-3	NE	1-2	N	2-3	1·6
19	N	1-2	Var.	0-2	N	1-3	N	1-2	N	1-3	NE	2	N	2	N	2-3	N	1-3	N	1-3	N	1-2	N	1-3	1·8
20	NE	0-1	Calm	0	Calm	0	Calm	0	N	1	N	1	Calm	0	Calm	0	Calm	0	E	0-1	Calm	0	Calm	0	0·9
21	S	0-1	S	0-1	S	0-1	S	1	S	1	S	2	S	1-2	S	2	S	1	SSE	1	SE	0-1	S	1-2	0·9
22	S	0-1	S	0-1	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	1·0
23	N	0	Calm	0	N	0-1	N	0-1	E	1-2	E	2	N	1	N	0-1	N	0	Calm	0	SW	1	WSW	1	0·4
24	Calm	0	Calm	0	Calm	0	N	0	E	0-1	E	0-1	ENE	0	Calm	0	E	1	ESE	2	SE	2-3	ESE	2-3	0·8
25	SE	5-6	SE	6-7	SE	7	SE	6-7	SE	5	SSE	3-4	SW	2-3	SSW	2-3	SSW	3-4	SSW	3	SW	3-4	SW	2-4	3·8
26	SSW	3-4	WSW	3-4	WSW	3-4	WSW	3-4	W	2-4	WSW	3-4	NW	1-3	NW	1-2	W	2-3	WSW	2-4	W	2-3	SW	3	3·1
27	W	2-3	NW	1-3	W	1-3	W	1-3	W	1-2	W	1-2	W	1-3	NW	1-2	SW	1-2	SW	1-3	SW	0-1	W	1-2	2·2
28	W	1-2	Calm	0	S	1	Calm	0	NW	0-1	Calm	0	Calm	0	Calm	0	E	1-2	E	2	E	0-1	E	2	0·8
29	SW	1-2	SW	1-2	WSW	1-2	W	1-2	W	1-2	Calm	0	W	0-1	W	2	W	2-3	WNW	2-3	W	2-3	W	2-4	1·6
30	SW	2-3	SW	2-3	SW	3	SW	2-3	WSW	2-3	W	2-3	W	2-4	W	1-3	W	1-2	W	2	Var.	0-1	Var.	0-1	2·3
MEAN		1·62		1·53		1·63		1·62		1·68		1·70		1·43		1·53		1·77		1·62		1·57		1·77	1·71

WIND. DIRECTION AND FORCE (0 to 12). JULY 1892.

	1		2		3		4		5		6		7		8		9		10		11		12		Max.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	W	1-2	W	2	W	1-2	W	2-3	WNW	2-3	W	2-3	W	2-3	W	2-3	NW	1-2	NNW	1	NNW	2-3	NNW	1-2	3
2	SW	2-3	SW	3	SW	2	SW	2	SSW	2-3	S	3	S	2-3	S	3	SSE	3-4	SE	4	SE	4	SE	4-5	5
3	SW	3-4	SW	2-4	SW	3	SW	1-2	SW	1	SW	1	SW	1-2	S	1-2	SSE	1	S	2	S	1-2	S	1-2	4
4	NW	0-1	NNW	1	NNW	1-2	N	2-3	N	2-3	N	2-3	N	2-3	N	2-3	NE	2	NE	1-2	NE	0-1	Var.	0-1	4
5	SSW	2-3	SSW	2-4	SSW	2-4	S	4-5	SW	4-5	SW	2-5	SW	3-5	W	3-5	WSW	2-4	NW	1-3	N	2-3	N	1-2	5
6	W	1-3	N	1-3	WNW	1-2	NW	2	N	1-2	W	1-2	WNW	1-2	N	1-2	W	2-4	WSW	2-3	SW	1-3	WSW	2-4	6
7	W	2-3	NW	2-4	W	1-3	WSW	2-4	WSW	2-3	W	1-3	WSW	1-2	W	2-3	NW	2-3	SW	2-4	WNW	1-3	NW	1-3	4
8	NW	1-3	N	1-3	SW	1-3	N	1-3	NW	1-2	NW	0-2	NNE	2-3	W	0-2	N	2-3	NW	2-3	NNW	2-3	N	2-3	3
9	WNW	2-3	NNW	1-2	WNW	1-2	W	1-2	W	1-3	W	1-3	NNW	1-2	NW	1-2	W	1-2	W	1-2	WSW	2	S	2-3	3
10	NW	0	N	0-1	N	0-1	NNW	1-2	N	0-1	N	0	N	0	E	0-1	E	1	S	0-1	SSE	1	SE	2	3
11	SE	3	SSE	3-4	SSE	3-4	SE	3-4	SSW	2-3	SE	3	SE	4	SE	3-4	SE	3-4	ESE	4	ESE	4	ESE	4	5
12	E	5	SE	5	SE	5	SE	5	SE	1-4	SE	3-4	ESE	5	ESE	4-5	ESE	4-5	E	4	E	4	E	2-3	5
13	E	2-3	E	3	E	2-3	ENE	2-3	ENE	1-2	ENE	1-2	NE	2-3	ENE	2-3	E	2-3	NNE	1-2	E	1-2	E	1-2	3
14	N	0-1	N	0	N	1-2	NNW	1-2	N	1-3	N	1-2	N	1-2	N	1-2	NNW	1-2	N	1-2	N	0-1	Calm	0	3
15	W	0	WSW	1	SW	1-2	SW	1	SW	1	SW	1	Calm	0	Calm	0	SSW	1	S	0-1	SE	0-1	ESE	0-1	2
16	Calm	0	Calm	0	N	0	NE	0	NE	1	ENE	0-1	NE	0-2	NE	1-2	NNE	0-1	Calm	0	E	1-2	E	1	3
17	N	0-1	N	1-2	N	2	N	2-3	N	3-4	N	3	NNE	1-2	NNE	0-1	N	1-2	N	1	N	0	N	1	4
18	W	1	W	2	W	2	NNW	0-1	Calm	0	Calm	0	Calm	0	NE	0-1	Calm	0	N	1-2	N	0-1	N	0-1	2
19	NW	1-2	NW	1-2	W	2	SW	2-3	W	1-3	W	1-3	SW	1-3	SE	1-3	SW	1-3	NNE	3-4	NNE	2-4	N	2-3	9
20	N	1-3	NNE	2-3	N	1-3	NE	2-3	NE	2-3	NNE	2-3	NNE	1-3	NNE	1-2	ENE	1-2	N	1-2	N	1-2	N	0-1	3
21	N	2	N	2	NNE	2-3	N	1-2	N	0-1	NNW	2-3	NW	2	NNW	1-2	NNW	2-3	WNW	2-3	NNW	2-3	N	1	3
22	Calm	0	N	1	NNE	1-2	N	0-2	N	2-3	NNE	2-4	NNE	2-3	N	0-1	NNE	0-1	Calm	0	Calm	0	Calm	0	4
23	N	1-2	N	1-2	N	1-2	NNE	3-4	N	2-4	N	3-4	NE	2-3	NE	0-2	N	0-2	N	1-2	N	2-3	N	0-1	4
24	S	2	S	2	SSW	2	SSW	2-3	SSW	2	SSW	2	S	2	SSW	2	S	2	SW	0-1	SW	1	SW	1	3
25	SSE	2	SSE	2	SSE	2	S	2	S	2	SW	1	W	1	W	1	NNW	0-1	NNW	0-1	Calm	0	SSE	1	2
26	SSE	2	SSE	1-2	SSE	1	SSE	1	SSE	1	SE	2	SSE	2-3	SE	2-3	SE	1-2	SE	2	SE	0-1	SE	1	3
27	N	0-1	N	0-1	N	0-1	N	1-2	N	1-2	N	2	N	1-3	N	2	N	1-3	N	2	N	0-1	NE	0-1	3
28	N	1-2	N	1-2	NNE	1-2	N	0-2	E	0-1	NE	0-1	E	0-1	E	2	E	2	ESE	2-3	SE	2	SE	1-2	3
29	SE	1	Calm	0	SE	1	SSE	0-1	Calm	0	Calm	0	Calm	0	Calm	0	SE	0-1	SE	0-1	SE	0-1	SE	0-1	1
30	SSE	1	S	1-2	S	1	SW	1-2	W	1	W	1-2	W	1-2	W	1-2	W	1-2	W	2	W	1-2	W	1-2	5
31	NNW	1-3	NNW	3-4	NNW	3	NNW	3	N	3-4	N	3-4	N	4	N	1-4	N	4	N	3	N	3	N	2-3	5
MEAN		1·65		1·87		1·87		2·05		1·84		1·90		1·94		1·77		1·87		1·82		1·66		1·50	

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Force.
1	W	1-2	W	2	NW	1-2	W	1	NW	1-2	NW	1-2	WNW	1	W	0-2	NW	1-2	W	1-2	SW	2-3	SW	3	1·8
2	S	3-4	S	3-4	S	3	SSE	3-4	SE	3-4	SSE	3-4	S	2-3	SSW	1-2	SW	3-4	SW	3-4	W	2-3	WSW	3	3·1
3	WSW	0	SW	0	S	0	SW	0	WSW	0-1	SSW	1-2	SW	0-1	W	0-1	Calm	0	Calm	0	Calm	0	NW	0-1	1·1
4	NW	1-2	W	0-1	SW	2	W	2-3	WSW	1-2	WSW	1-2	SW	4	S	3-4	S	4	S	4	S	3-4	S	3-4	2·2
5	WNW	2-3	W	1-3	W	1-3	NW	1-3	NW	2-4	W	2-4	N	1-2	NNW	1-2	WNW	1-3	Var.	0-2	W	1-3	N	1-3	2·6
6	SSE	3-4	SSE	5	SSE	5-6	S	2-4	WSW	3-5	SW	2-4	WSW	1-3	NW	1-3	W	3-4	WSW	1-4	NW	2-4	Var.	1-3	2·6
7	W	0-3	N	0-3	WNW	1-2	NNW	1-3	NW	1-3	NW	0-3	WNW	1-2	W	2-3	NW	2-4	WNW	2-4	W	2-4	NW	2-4	2·3
8	WSW	1-2	SW	0-1	W	1-3	N	1-3	W	0-2	W	1-2	NW	2-3	W	2-3	N	2	NW	1-2	NW	2	NW	1	1·8
9	WNW	0-1	SW	1-2	SW	0-2	SW	1-2	WNW	0-1	WSW	1	W	0-1	N	0-1	N	1-2	N	0-1	N	0-1	N	1-2	1·4
10	SSE	2	SE	2-3	S	1-2	SW	1-2	SSW	0-1	SSW	0	SE	1-2	SSE	1	SE	1-2	SSE	2	SE	2	SE	3	1·1
11	SE	3-4	SE	3-4	SW	4-5	SE	3-5	SE	3-4	SE	3-4	SE	3-4	E	4	ESE	4	ESE	4	ESE	4-5	ESE	4-5	3·7
12	ESE	1-3	ESE	2-4	ESE	2-3	ESE	3-4	ESE	1-2	SSE	0-2	SSE	1-2	E	2	E	3	E	3	E	3	E	2	3·3
13	ESE	1-2	ESE	1	E	1	E	1	SE	2	SE	2	Calm	0	N	0-1	Calm	0	N	0-1	NW	1	N	1	1·5
14	S	1	SE	1	SSE	1	S	1	SE	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	S	0	0·7
15	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	NNW	1	E	0-1	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	0·4
16	ESE	2-3	NE	1	NNE	2	Calm	0	NNE	1-2	N	1-3	N	1-2	N	2	N	2	N	0-1	N	1-2	N	0	1·0
17	Calm	0	Calm	0	NE	0-1	Calm	0	NNE	1	Calm	0	Calm	0	N	1-2	N	0-1	N	0-1	Calm	0	W	2	1·0
18	NE	0-1	NNE	0-1	NNE	0-1	N	1-2	Calm	0	N	1-2	NNW	0-1	N	0-1	NW	0-1	N	1	Var.	0-1	NW	0-1	0·7
19	SW	3-5	E	6-9	NNW	5-8	SW	2-5	NE	4-7	N	3-6	NNW	2-4	N	2-4	N	3-5	N	1-4	N	2-4	N	2-4	3·2
20	Calm	0	Calm	0	Calm	0	Calm	0	NNE	0-1	NNE	1-2	N	1	N	0-1	N	0-1	Calm	0	NNW	1-2	N	1-2	1·2
21	N	1-2	NNW	1-2	NW	2-3	NW	1-2	NW	0-1	NNE	1-3	N	1	NNE	1	N	0-1	N	1-2	N	1	Calm	0	1·6
22	N	0-1	N	0-1	Calm	0	Calm	0	W	0-1	ENE	0-1	NW	1-2	WNW	1-2	WNW	2-3	N	1-2	N	1	N	1-2	1·0
23	Calm	0	Calm	0	S	0-1	Calm	0	Calm	0	Calm	0	E	0	E	0-1	E	1	SSE	0-1	SSE	0-1	SE	1-2	1·2
24	SW	0-1	S	1-2	S	1	S	1	S	0-1	S	1	S	2	S	1-2	S	1	SSE	1	SSE	1	SSE	2	1·5
25	SE	0-1	ESE	0-1	SE	1	SE	1	E	0-1	ESE	0-1	Calm	0	Calm	0	E	0-1	SE	2	SSE	2	S	2	1·1
26	S	1	S	0-1	Calm	0	SE	0-1	SE	0-1	SE	1	SE	2	SE	2	Calm	0	Calm	0	Calm	0	Calm	0	1·1
27	Calm	0	E	0-1	Calm	0	ESE	1	Calm	0	Calm	0	Calm	0	N	0-1	Calm	0	N	0-1	NNE	1	NNE	1	0·8
28	SSE	2-3	ESE	3	ESE	2-3	SE	2	ESE	1-2	ESE	1	ESE	2	ESE	1	SE	1-2	ESE	2	SE	1-2	SE	2	1·6
29	Calm	0	E	0-1	E	0-1	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	SSE	0-1	0·2
30	W	2	WNW	2	W	2-3	W	1-3	N	2-4	W	3-5	WNW	3	WNW	3-4	NW	3	NW	2-3	N	2-3	N	2-3	2·1
31	N	3	N	1-3	N	2-3	NNW	1-2	N	2-3	N	2-3	NNW	1-2	NW	3	NW	2-3	N	2-3	NNW	3-4	N	4-5	2·9
MEAN		1·44		1·58		1·66		1·42		1·39		1·53		1·35		1·45		1·60		1·47		1·61		1·76	1·67

WIND. DIRECTION AND FORCE (0 to 12). AUGUST 1892.

	1		2		3		4		5		6		7		8		9		10		11		12		Max.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	N	4	N	3	N	4-5	N	3-5	N	1-4	N	1-3	N	1-4	N	0-4	N	0-2	N	0-2	N	4-6	N	0-3	6
2	NNW	2-3	N	2-3	N	2-3	N	1-2	N	1-2	Calm	0	Calm	0	N	1	N	0-1	N	0-1	Calm	0	Calm	0	3
3	N	1-2	NNE	1-2	NNE	2-3	N	2-5	NNE	3-4	NNE	3	Var.	0-3	N	1-3	N	0-1	NE	2	N	2-5	NE	3	5
4	N	3-4	N	4	N	3	N	3	NE	3	N	3	N	3	NE	1-3	N	3	N	3	NE	2	NNE	1	4
5	W	1-3	W	2-3	WSW	3	WSW	4	W	3	W	3	W	3	W	2	SW	2-3	W	3	WSW	3-4	SW	4	4
6	WNW	2-3	WNW	3-4	W	1-3	WNW	1-2	W	2	W	3	NW	1-3	NW	2-3	NW	3	N	3	N	0-2	NW	2	4
7	NE	0-2	NNE	3	NE	1-2	NE	1-2	Calm	0	N	2	N	1-2	N	1-2	Calm	0	N	1	N	0-1	Calm	0	4
8	ESE	4	SE	4-5	ESE	4	ESE	3-4	ESE	4	ESE	4	E	4-5	ESE	5	E	3	E	4-5	ENE	2-4	E	3-4	5
9	NE	2	NNE	2	NNE	1-2	N	1	N	1	N	2	N	1	Calm	0	Calm	0	Calm	0	S	0-1	E	0-1	2
10	S	1	S	1-2	S	1-2	S	1	S	2	S	3	S	3	S	2	S	2	SSW	2	SSW	2	WSW	1-2	4
11	SSW	4	SW	3	W	2	W	1	SW	1	W	2	WNW	2-3	Var.	0-1	Calm	0	WNW	1	W	0-1	WNW	1	4
12	WSW	2	WSW	2-3	SW	2	SW	2	WSW	2	SW	2	SW	3	SSW	3	S	3	SSW	2-3	S	3	SSW	3	6
13	SW	3	SW	2	SSW	5	WSW	3-4	SSW	4	WSW	2	SW	2-3	WSW	1-2	SW	2-3	SSW	2-3	WSW	2-4	W	1-2	5
14	WSW	3-5	SW	5	SW	4	WSW	4	WSW	3-4	S	3-5	SW	3-5	SSW	3-4	SW	3-5	SSW	4-5	SW	4-5	WSW	3-4	6
15	SSW	1	SSW	1	Var.	0-1	WSW	1	W	0-1	WNW	1	WNW	0-1	WNW	1-2	W	2	W	1-2	W	2-3	WNW	3	4
16	NW	3-5	NW	5	NW	4	WNW	2	W	3-4	WSW	2-3	W	3-4	W	3-4	W	1-2	WSW	2	W	0-1	SSW	2	5
17	Calm	0	NW	0	N	0-1	NNW	0	N	0-1	N	0-1	NNW	0-1	NNW	0-1	N	0	Calm	0	Calm	0	Calm	0	2
18	SE	2	ESE	2	SE	2	SE	2	SE	2-3	SE	3	SE	2-3	SE	2	ESE	3	ESE	4	ESE	4-5	E	2	5
19	N	0	N	1	Calm	0	Calm	0	N	1	Calm	0-1	N	0-1	N	0	Calm	0	Calm	0	W	0-1	Calm	0	1
20	SW	1	W	1	SW	1	SW	2	SSW	2-3	SSW	2-3	SSW	3	S	2-3	S	3	S	2-3	S	3-4	SSE	2-3	4
21	SW	2-3	SW	2-4	SW	3-4	SW	2-3	SW	3-4	WSW	2-3	SW	3-4	SW	3-5	SW	3-4	SW	3-4	SW	2-3	W	0-1	5
22	SW	2-3	SW	2-3	SW	2-3	SW	2-3	SW	3-4	SSW	2-3	S	2-3	SSW	1-2	SW	1-2	S	1-2	S	1-2	WSW	2	4
23	S	1-2	S	2	S	2	SSE	2-3	S	2-3	S	2	SSE	2-3	S	2	S	1-2	S	1	SSE	1-2	S	2	3
24	SSW	1-2	S	1	S	1-2	SE	2	SE	1-2	ESE	1-2	SE	2	SE	2	SE	1-2	SE	1-2	SE	2	SE	2-3	3
25	W	0-1	W	1	W	1	WSW	0-1	W	1	W	2	W	1-2	W	1-2	WNW	1-2	NW	0-1	W	0-1	W	1-2	3
26	WNW	1-3	NW	2-3	W	2-3	WNW	1-2	W	2-3	NNW	2-3	N	2-3	WNW	1-2	NW	2-3	W	2-4	WSW	2-4	SSW	2-4	4
27	W	1-3	NW	1-3	SW	2-4	SW	2-4	SW	1-3	NW	2-3	WNW	2-3	NW	2-3	WNW	1-2	Var.	0-1	NW	1-2	W	1-3	4
28	Calm	0	N	1-2	N	1-2	N	1-2	N	0-1	N	1-2	N	1-2	N	1	N	1-2	NNE	1-2	Calm	0	N	0-1	2
29	N	1-2	N	0-1	NNE	0-1	N	0	N	0-1	NNE	0	NNE	0	Calm	0	ESE	1-2	ESE	2-3	ESE	2-3	E	3-4	7
30	E	6-7	E	6-8	ESE	6-7	ESE	6-8	E	6-7	ESE	6-7	E	6-8	ESE	5-7	ESE	4-6	E	3-4	ESE	4	ESE	3	8
31	N	1-2	N	1-3	N	1-3	NNE	2-4	N	2-3	N	3-5	N	3-5	NNE	2-3	N	2-3	N	3-4	N	2-3	NNE	1-2	5
MEAN		2·16		2·44		2·37		2·19		2·26		2·34		2·39		2·02		1·89		2·03		2·10		1·86	

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Force.
1	Calm	0	N	0-1	Calm	0	N	0-2	N	1-2	N	0-1	N	1	N	1	N	0-1	N	0-1	NW	2-3	NW	2-3	1·9
2	Calm	0	N	1	NNW	1-2	NW	1-2	W	2-3	NW	2	N	1	N	2	N	0-2	NNE	1	NNE	1	N	1	1·2
3	N	2	NW	1	Calm	0	N	2-3	NNE	3	NE	0-4	NE	0-2	NNE	3	N	2	NNE	2-4	NNE	2-3	N	2-3	2·2
4	Calm	0	Calm	0	Calm	0	N	0-1	W	1	W	2	NW	2	NW	2	W	2	WSW	2-3	WSW	2-3	W	2	2·1
5	NW	2-3	WNW	3	W	1-2	WSW	3	W	2	WSW	0-2	W	1-3	NW	2	WNW	3	NW	2-4	NW	1-3	WNW	1-3	2·6
6	N	2	NNW	0-2	NE	3	E	1-2	ENE	2-3	E	3	E	2	E	0-2	Var.	0-1	E	0-2	E	1	E	1-2	2·0
7	Var.	0-1	S	0-1	S	0-1	S	0-1	S	0-1	SE	1	ESE	2	ESE	2	SSE	2	SE	3	SE	3	SE	3-4	1·4
8	E	2	NE	0-2	N	2	NNE	3-4	NNE	4	N	1-2	N	1-4	ENE	2	NNE	2	N	2	N	2	N	1-2	3·1
9	S	0-1	Calm	0	Calm	0	S	0-1	Calm	0	Calm	0	Calm	0	Calm	0	ESE	0-1	SE	0-1	SE	1	S	1	0·6
10	WSW	2	W	1-2	W	1-2	SW	1-2	SSW	2	SW	2	SW	2	SSW	2-3	SW	3	SSW	3	SSW	3-4	S	3	2·1
11	WNW	1	NW	1	N	2	Calm	0	NNW	1-2	NW	1	W	1	W	1-2	WNW	1	W	1	W	1-2	WSW	1-3	1·4
12	S	4	S	4-5	S	4	S	3-4	SSW	3-4	SW	4	SW	1-3	Var.	0-2	SW	4	SW	4-6	SW	4-5	SW	3	3·0
13	WSW	2-3	SW	2	W	2-4	WSW	3-5	WSW	3-4	W	1-2	W	1-2	SW	3	SW	2	SW	2	SW	1-3	WSW	2-4	2·6
14	SW	4-6	WSW	2-3	WSW	2-3	WSW	2-3	SW	1-2	SW	2-3	SW	2	WSW	2	WSW	4	WSW	2	WSW	2	S	1	3·2
15	W	3	WSW	2	N	2-3	W	2-3	WNW	2-4	W	3-4	WNW	3	W	0-1	W	2	NW	2	NW	0-3	NW	2-3	1·8
16	SW	2	SW	2	SW	1-2	SW	0-1	SW	1	SW	1	SW	1	SW	0-1	SW	1	SW	0	SW	0	SW	0	1·9
17	Calm	0	N	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	SE	1	SE	1	SE	2	ESE	2	ESE	1	0·4
18	E	3	E	3	E	3	ESE	3-4	ESE	3-4	ESE	2-3	ESE	2	SE	0-1	Calm	0	Calm	0	N	0-1	N	0	2·2
19	W	1	SW	0-1	W	0	W	1	W	0	WNW	1	WNW	0-1	W	0-1	W	0-1	SSW	0-1	SW	1	WSW	1	0·4
20	S	2	S	2-3	S	2-3	S	2-3	S	1-2	S	1-2	S	3-4	S	2-3	SW	2-4	SW	2-3	SW	1-2	WSW	2-4	2·3
21	W	2-4	WSW	2-4	SSW	2	S	1-2	SSW	1-2	WSW	3-5	W	1-3	SW	2-4	SW	2-4	SW	1-3	SW	2-4	SW	1-3	2·7
22	W	0-1	SE	2	SSE	2	SE	2-3	SE	3	ESE	3-4	SE	2-3	SE	3-4	S	2-3	S	1-2	S	3-4	S	2-3	2·3
23	S	1-2	S	1	S	1	SSW	0-1	S	1-2	SSW	0-1	S	1-2	S	1-2	S	1	S	1-2	S	1-2	SW	1-2	1·6
24	SE	2-3	SE	2	S	1	S	0-1	SW	0	SW	0	SSW	1-2	SW	1	SW	1-2	SW	1	W	1-2	W	1	1·4
25	W	1-2	W	0	W	0-1	Calm	0	W	0-1	SW	2-3	NW	0-1	NW	2	WNW	1-2	NW	2-3	NW	2-3	NW	1-3	1·2
26	SSW	2-3	SSW	2-4	SW	2-4	W	1-3	WNW	2-4	WNW	3-4	NNW	1-3	W	1-3	WNW	2-4	W	2-4	W	1-3	WNW	1-3	2·5
27	W	1-2	W	2-3	W	0-1	WNW	1-2	W	1-2	N	2-3	NW	0-2	NW	0-1	NW	0-1	NW	0	NNW	0-1	Var.	0-1	1·6
28	NNE	1-2	N	0-1	NE	1	NE	0-1	Calm	0	NNE	1-2	NNE	0	N	1-2	NNE	1-2	N	1-2	NW	1-2	N	1-2	1·0
29	E	4	E	4-5	E	4-5	E	4-5	E	5-6	ESE	5-6	ESE	6	E	6-7	ESE	6-7	E	6-7	E	7	E	7	3·4
30	ESE	3	E	3-4	ESE	2-3	E	3-4	E	2-3	ENE	1-2	E	1-2	NE	1-2	E	2	ENE	1-2	Var.	1-3	N	0-2	3·9
31	ENE	1-2	N	0-1	N	0-1	Calm	0	N	0-1	NE	0-1	NE	0-1	N	1-2	N	0-1	Calm	0	NE	0-1	N	1-2	1·6
MEAN		1·87		1·68		1·60		1·71		1·85		1·90		1·65		1·77		1·89		1·85		2·03		1·92	1·99

WIND. DIRECTION AND FORCE (0 to 12). SEPTEMBER 1892.

	1		2		3		4		5		6		7		8		9		10		11		12		Max.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	N	2	N	1-2	NNW	1-2	W	1-2	WSW	1-2	SSW	2-4	SSW	2-5	S	3-5	WSW	3-4	WNW	2-3	W	2-3	NW	1-3	5
2	NW	2-3	W	1-2	W	2-3	W	2-3	W	1-2	W	2	W	1-2	W	2-3	W	1-2	WNW	1-2	WNW	1	N	2-3	3
3	N	1-3	N	2-4	N	1-3	N	2-3	N	1-3	N	0-1	N	2-4	N	3-5	N	2-3	NNE	1-3	N	3-4	NNE	1-3	5
4	N	0-1	N	1-3	NE	0-2	N	1-3	N	0-1	N	1-2	N	1-3	N	2-3	N	1-2	N	1	N	0	N	0-1	3
5	W	2	W	3	W	2-3	W	2-3	SW	2-3	SSW	2-3	SSW	2-3	SW	2-3	SW	2	SSW	1-2	SSW	2-3	SSW	2-3	4
6	W	1-3	W	1	W	0-1	W	1	WNW	1-2	W	0-1	W	1-2	WNW	1	W	1-2	WSW	1-2	SW	1-2	WSW	1-2	3
7	S	1-2	Var.	0-2	S	1-3	S	1-3	SSW	1-2	S	1-3	SSW	1-2	SW	0-1	S	2-3	SSW	1-2	Var.	0	NE	0-2	3
8	N	0-1	NW	1-2	N	1-2	N	1-2	N	1	NW	1	WNW	1-2	NW	0	Calm	0	W	0-1	WSW	0-1	WSW	0-1	3
9	W	2	W	1	W	1-2	W	2	WSW	2-3	WSW	2	W	2	W	2	W	1-2	W	1-2	W	2	W	0-1	3
10	N	1-3	NW	0-2	N	1-2	NW	1-2	N	1-3	NNW	0-2	NNW	1-2	N	1-3	N	0-2	W	2-3	N	2-3	N	1-2	3
11	WNW	1-2	NW	1-2	W	1-3	WSW	1-2	WSW	0-1	W	1	W	1	W	1	SW	0-1	S	0-2	WSW	1-2	W	2	3
12	W	1-2	W	2-3	W	1-3	W	1-3	SW	1-2	WSW	1-3	WSW	2-3	W	2	W	1-2	W	0-2	W	0-1	SW	0-1	3
13	SSW	1-2	SW	1-2	SW	1-2	SW	0-1	SW	1	SW	0-1	N	1	N	1	N	0-1	NNE	0-1	ENE	1	NE	1-2	2
14	W	1-2	WSW	2	W	1-3	W	1-3	W	1-3	W	2-3	W	1-2	W	1-3	W	1-3	SW	1-3	WNW	2-3	SW	3-4	5
15	SW	1-3	SW	1-4	SW	2-5	SW	1-4	W	1-3	W	2-3	SW	1-3	SSW	1-3	S	2-4	S	2-4	SW	1-3	SW	2-4	8
16	S	4-7	S	5-7	S	3-7	SSW	2-6	WSW	2-5	SW	3-5	SW	1-5	S	3-5	S	2-6	S	2-5	SW	3-6	SW	3-6	7
17	Var.	0-2	NNE	1-3	ENE	0-1	N	1-3	N	0-3	N	2-3	NW	0-2	NW	0-2	W	1-2	WSW	0-1	W	2-3	WSW	2-3	7
18	SW	3-7	S	3-7	W	3-5	SW	2-4	S	3-5	WSW	2-4	S	3-5	SW	2-4	W	1-4	SW	2-4	SW	3-5	WSW	3-5	7
19	W	0-2	NW	1-3	WNW	1-3	WNW	1-2	NW	1-3	NNW	0-2	NNW	0-2	N	0-3	W	1-3	W	1-2	W	1	WSW	1	3
20	SE	1-2	ESE	2	SE	2	ESE	1-2	SE	1-2	ESE	2	E	1-2	E	2-3	ESE	3-4	ESE	3-4	E	3-4	E	3	4
21	Calm	0	Calm	0	N	0-1	N	0-1	N	0-1	Calm	0	Calm	0	Calm	0	SE	0	Calm	0	SSE	0	S	0	2
22	SE	2	SE	1	SE	1	SE	0-1	SE	0-1	SE	1-2	ESE	2	SE	2-3	SE	3	ESE	2	SE	2-3	SE	2-3	3
23	SSE	3	SE	3	S	3	S	3	S	3-4	S	2-3	S	2-3	S	3	S	1-4	S	2-3	SSW	2	SSW	2-4	5
24	W	2-3	WSW	2-3	W	2-3	W	1-3	W	1-2	N	1-2	SW	1-3	N	0-3	N	0-2	NW	2	N	1-2	W	3	5
25	W	2-4	WNW	2-5	W	2-4	W	2-4	WNW	1-3	W	2-5	W	2-5	W	2-4	Var.	2-4	NW	2-4	N	1-2	NW	1-3	5
26	W	1-3	NW	2-3	WSW	1-3	W	1-3	W	1-3	WSW	2-3	WSW	2-4	SW	2-3	SW	2-4	W	1-4	WSW	1-2	SW	1-3	7
27	SW	2-6	SW	2-5	SW	2-4	W	0-1	WSW	1-3	WSW	0-2	SSW	1-3	SW	1-3	W	1-3	SW	1-3	W	1-3	SW	2-4	6
28	NNE	1-3	N	2-4	N	1-3	N	0-1	E	0-1	ESE	0-1	N	0-1	S	0-1	N	1-2	WNW	2-3	N	1-2	N	2	4
29	SW	2-4	WSW	1-3	SW	2-3	SSW	2-3	WSW	2-3	W	2	W	2-3	SW	1-2	WSW	2	WSW	2-3	SSW	2	SW	2	4
30	SW	2	SW	1	SSE	1	SE	1-2	ESE	2	ESE	2-3	ESE	2-3	E	3	E	3-4	E	2	E	2	E	1-2	4
MEAN		2·08		2·18		2·05		1·85		1·77		1·82		1·98		2·02		2·00		1·88		1·85		2·03	

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Force.
1	NW	2	W	1-3	W	1-2	NW	1-3	W	2-3	W	2-3	W	1-2	NNW	1-2	NW	1-2	NNW	1-2	NW	2	WNW	2	2·1
2	W	2-3	W	1-2	W	1-2	NW	1-2	NNW	2-3	NE	1-2	N	1-2	NW	1-2	N	1-2	WNW	2	W	0-1	NW	1-2	1·8
3	N	1-3	N	1-3	N	1-3	NNE	1-3	N	2-3	N	1-3	NNE	1-3	N	1-2	NE	0-1	E	0-1	NE	0-1	N	1-3	2·0
4	N	1-2	N	1	N	0	N	0-1	NNW	0-1	NW	1	NW	3	NW	1-2	NW	1-2	W	2	W	1-2	W	2	1·3
5	SW	3	W	3-4	S	2-4	SW	1-3	S	2-4	SSW	3-4	SW	2-3	SW	2-4	SW	2-4	WSW	2-4	W	2-3	WSW	1-3	2·6
6	WNW	1-2	WSW	1-2	WSW	1-2	WSW	1-2	SSW	1	WSW	1-2	SW	2	SW	1-2	SSW	2	SSW	2-3	SSW	2	S	2	1·5
7	N	0-1	Var.	0-1	Var.	0-1	ENE	1-2	Calm	0	ENE	0-1	NW	0-1	N	1-2	N	1-3	N	1-2	N	1-2	N	1-2	1·2
8	S	0-1	S	0-1	S	0	WSW	1	S	0-1	S	1-2	S	1-2	S	2	SW	2-3	WSW	2-3	WSW	2	W	2	1·1
9	W	1	WNW	2-3	W	2-3	WNW	1-2	SW	3	SW	3	SW	1-2	W	1-2	W	2-3	WSW	1-2	W	0-2	W	1-3	1·8
10	WNW	1	W	1	W	0	W	2	NW	0-1	WNW	1-2	W	2	WNW	1-2	W	2-3	W	1-2	W	1-2	W	1-3	1·5
11	W	1-2	W	1	W	0	WNW	1-2	W	1-2	WNW	0-1	W	1-2	W	0-1	W	0-2	NW	1-2	NNW	1-2	W	1-3	1·2
12	SW	0-1	SW	1	SW	2-3	SW	2-3	SW	1-2	SW	2-3	W	1-2	Calm	0	SW	0-1	SW	0-1	SW	0	Calm	0	1·4
13	N	2	N	1-2	N	1	NE	1-2	N	0-1	N	1-2	N	0-1	W	0-1	W	1-2	WSW	0-1	WSW	1-2	W	1	1·1
14	SSW	3-4	W	2-4	SW	3-5	W	1-3	WSW	1-2	W	3-4	W	2-3	W	2-3	SW	2-4	SW	1-4	WSW	2-4	SW	1-4	2·5
15	S	3-4	S	2-3	SSW	3-5	SW	2-3	S	2-3	S	2-3	S	3-4	S	2-5	SSW	3-4	SE	2-6	SSE	4-7	SSE	5-8	3·1
16	S	4-6	SW	4-7	W	3-6	W	2-6	W	2-5	N	2-4	N	1-2	Calm	0	N	2-3	N	2-4	N	2-5	NE	1-4	3·8
17	WSW	2-4	W	2-3	WSW	2-4	WSW	2-4	W	2-4	W	1-3	WSW	2-4	WSW	2-5	WSW	2-5	NW	2-5	SW	3-7	SW	4-7	2·5
18	WSW	2-4	W	1-3	WSW	1-3	WSW	1-3	SW	1-3	SW	1-3	WSW	1-2	WNW	1-3	W	2-4	WSW	1-3	W	1-3	W	1-2	2·9
19	W	1	N	0-1	N	1-2	N	0	NW	0-1	N	0-1	N	0-1	N	0-1	Calm	0	SE	1	SE	2	SE	2	1·1
20	E	1-2	E	3	E	3-4	E	3-4	ESE	1-2	ESE	2-3	ESE	2-3	ESE	2-3	ESE	2-3	SE	1	Calm	0	Calm	0	2·2
21	S	0	Calm	0	Calm	0	Calm	0	Calm	0	E	0-1	E	0-1	E	0-1	NNE	0-1	E	0-1	E	1	ESE	2	0·3
22	SE	3	SE	3	SE	2-3	S	2	S	2	S	2	S	1-2	S	2	S	2	S	1-2	S	2	S	2	1·9
23	S	3-4	S	3-4	S	1-3	S	3-5	S	3-4	SSW	3-4	S	3-5	SW	2-4	SW	2-4	SW	2-4	W	1-3	W	1-3	2·9
24	WSW	3	WNW	3-5	WNW	2-4	W	1-3	WNW	2-4	NW	2-3	WSW	2-4	W	2-4	WSW	2-4	W	2-4	W	2-4	W	2-5	2·5
25	W	1-2	N	1-3	SW	2-4	W	1-3	N	1-2	NW	1-2	W	1-3	WNW	2	WNW	1-3	W	1-3	W	1-2	W	2-4	2·4
26	SW	1-4	SW	3-5	SW	2-5	SSW	3-5	SSW	1-4	S	4-6	SSW	2-5	S	2-6	SW	4-7	SW	3-7	W	2-6	W	2-6	3·1
27	SW	2-5	W	1-2	S	2-5	S	1-3	S	2-6	SW	1-3	W	2-4	WSW	1-3	W	1-2	NNW	2-3	N	2-4	N	1-3	2·4
28	NNE	2-3	N	0-1	N	1-2	NW	3-4	NNW	1-2	WSW	2-4	WSW	2-4	SW	2-3	WSW	2-3	WSW	2-4	SW	2-4	SW	2-4	1·9
29	SW	1-2	SW	2	WSW	1	WSW	2	SW	2	W	1	SW	1	SW	1	SW	2	SW	2	SSW	2	SW	1	1·9
30	E	1-2	SE	1	ESE	1	SE	1	ESE	1-2	ESE	1	ESE	0-1	N	0-1	N	0-1	N	1	NNE	2	N	2	1·6
MEAN		2·08		2·00		1·98		2·02		1·85		2·03		1·95		1·77		2·10		2·05		2·10		2·23	1·99

WIND. DIRECTION AND FORCE (0 to 12). OCTOBER 1892.

	1		2		3		4		5		6		7		8		9		10		11		12		Max.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	NE	2	N	2	N	1-2	N	3-4	N	3	N	3-4	N	2-4	N	3-5	NE	4	NE	2-3	E	0-1	E	1-2	5
2	NE	1-2	NE	1-2	E	2	NE	2	NE	1-2	E	1-2	NE	2-3	N	2-3	N	3	N	2	N	2-4	N	2-3	4
3	E	2-3	E	2-3	E	2	E	2	E	0-1	E	1	E	1	NE	1	ENE	0-1	NE	1-2	E	2	E	2	4
4	N	1-2	N	2	N	3	N	2	N	2	N	1-2	N	2	N	1	N	2-4	N	2-3	NNE	2-3	NNE	2	4
5	E	2	NE	1	NE	0-1	NE	1-2	NE	2-3	E	2	ENE	0-1	NE	1-2	NE	2-3	N	2-3	N	2-3	N	0-1	3
6	N	1-3	N	0-2	NNW	1-2	N	1-2	N	0	NW	0-1	W	2	SW	2-3	SSW	2	SW	2-3	SSW	2-3	SSW	2	3
7	N	2-4	N	2-3	N	1-3	N	1-3	N	1-3	NE	2-3	N	2-4	N	2-4	N	2-4	N	2-3	N	2-3	N	2-4	5
8	N	2-5	NE	2-4	N	2-4	N	2-4	N	1-3	N	2-4	N	3-4	N	3-4	N	2-3	N	1-3	N	0-1	N	1-3	5
9	NW	1-2	W	1-3	WSW	2-3	W	1-3	WSW	1-2	W	0-1	N	1-2	N	1-2	NNE	1-3	N	1-3	N	2-4	N	2-4	4
10	N	2-4	N	2-4	NE	1-3	N	2-4	NNE	3-4	N	2-4	NE	1-3	N	1-3	NNW	2-5	NNW	1-4	N	2-4	N	3	5
11	N	1-2	N	1-3	N	1-3	N	1-3	N	1-4	N	1-5	N	1-5	N	1-4	N	2-3	Var.	0-1	NNW	0-2	N	0-1	5
12	N	2-3	N	2-3	N	1-2	Calm	0	N	1	Calm	0	NNE	2	ENE	0-1	ENE	0-1	E	1-3	E	0-2	ENE	2	3
13	NE	2-3	N	1-3	N	2-3	NNE	1	NNE	1-2	N	1-2	NNE	1-2	N	2-3	ENE	2-3	N	1-3	Calm	0	NNE	0-1	5
14	NE	2-3	ENE	3	NE	3-5	E	3-5	E	3-6	E	1-4	ENE	2-4	E	2-4	ENE	3-5	ENE	2-5	NE	2-4	NNE	1-3	6
15	NE	2-5	NE	3-6	NE	2-5	ENE	2-5	ENE	2-5	ENE	3-4	NE	2-6	NE	1-4	NNE	0-2	N	1-4	NE	1-4	ENE	1-3	7
16	N	3-8	N	2-6	N	3-6	N	3-4	N	3-6	N	2-8	N	1-3	N	5-7	N	4-7	N	5-7	N	2-4	N	2-5	8
17	N	1-3	N	2-4	N	0-2	N	1-2	NE	1-2	N	1-3	N	2-3	N	2-4	N	0-2	N	0-2	N	3-4	N	1-2	4
18	N	1	N	0-1	N	0	Calm	0	Calm	0	N	0-1	N	0-1	N	1	Calm	0	N	0	N	1	N	1	4
19	N	2-3	N	2-3	N	3-4	N	2-3	N	0-1	N	1	N	0-3	N	1-2	N	0-1	N	4	N	3	N	2	4
20	N	2	N	2-3	N	1-2	N	1-2	N	0-1	N	1	N	0-1	N	0	N	1	N	0-1	N	0	Calm	0	3
21	N	0-2	N	2-3	N	1-2	N	1-3	N	0-2	N	0-1	N	0-1	N	0-2	N	0-2	N	0-2	N	0-1	N	0-1	9
22	NE	0-2	Var.	0-2	NE	1-2	N	0-3	N	0-3	N	0-2	N	2	N	1	N	1-2	N	0-2	N	0-1	N	1-3	4
23	NNE	2-4	N	2-4	NE	1-3	N	0-2	N	0-2	N	0-3	N	0-3	NNE	1-3	Var.	0-3	NNE	1-4	Var.	1-3	NE	1-4	7
24	N	2-5	NE	1-2	NE	1-2	Var.	0-1	Var.	0-1	Calm	0	N	0-1	N	1-2	N	2	NE	1-2	Var.	0-1	N	1-2	5
25	N	1-2	N	0-1	N	1	NNW	2	N	1	N	0-1	N	1-2	Calm	0	Calm	0	Calm	0	N	0	N	1-2	2
26	Calm	0	Calm	0	Calm	0	Calm	0	SSW	0-1	SSW	1	S	1	S	1-2	S	2	S	3	S	3	S	3	10
27	SE	10	SE	10-11	SE	11	SE	9-10	SE	7-9	SE	5-7	SE	5-7	SE	4-6	SE	4-5	SE	4	SE	4-6	SSE	5-7	11
28	SE	6	SE	6-7	SSE	3-4	S	4	S	3-5	SW	2-4	SW	1-2	SW	1-3	W	1-4	WSW	1-3	SW	3-5	WSW	1-3	7
29	S	1-2	S	1-2	S	2-3	S	3-4	S	3	S	2	SSE	3-4	SSE	3-4	SSE	4	SSE	3	SSE	1-3	S	2	4
30	W	2-3	W	1-3	WSW	2-3	Var.	1-3	SW	2-4	WSW	2-4	WSW	1-3	WSW	0-3	W	2-4	SW	1-3	SW	1-4	W	2-4	5
31	W	2-3	WNW	1-3	WNW	1-2	W	0-1	NW	0-1	Calm	0	NNW	0-1	W	0-1	NW	0-1	NNW	0-1	N	0-2	Calm	0	3
MEAN		2·60		2·52		2·34		2·21		2·02		1·85		2·00		2·08		2·16		2·10		1·94		1·95	

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force	Dir'n.	Force.	Force.
1	E	0-1	E	1-2	E	2	ENE	1-2	E	1-2	E	2-3	ENE	2	E	2	E	2-3	E	3	E	1-2	N	0-1	2·2
2	NE	1-2	N	1-2	ENE	1	E	2	E	2-3	E	2-3	ESE	2	E	2	E	2	E	2-3	E	0-1	E	2	2·0
3	N	1-2	NNE	3	NNE	3	N	2-3	N	1-4	N	2-4	N	4	N	4	N	3-4	N	3-4	N	3-4	NNE	1-2	2·2
4	NE	1	NE	2	NE	1-2	ENE	1	ENE	2	ENE	1-2	N	1-2	NE	2	NE	2	N	1	ENE	2	NE	0-1	1·8
5	N	2-3	N	2-3	N	1-2	N	1-2	N	2-3	N	2-3	N	1-2	N	1-2	N	1-2	N	0-1	N	1-2	WNW	2-3	1·7
6	SW	1-2	WNW	0-1	NW	2	N	0-1	N	1-2	N	1-2	N	2-3	N	2-3	N	2-3	N	3	N	2-3	N	1-2	1·8
7	N	2-4	N	1-3	NE	1-2	N	1-3	N	2-4	N	3-5	N	1-3	N	2-4	N	2-4	N	2-4	N	2-4	N	2-4	2·6
8	N	2-3	NE	1-3	N	1-3	NE	1	N	1-3	NNW	1-3	NW	2-3	WSW	3	WSW	3	SW	4	SW	4	W	2-3	2·6
9	NE	2-4	NE	1-3	NE	2-3	Var.	1-3	N	1-4	S	0-2	N	2-4	NE	2-4	N	1-3	NE	1-2	NNE	1-2	NE	2-3	2·1
10	N	1-3	N	1-2	N	1-2	N	1-2	N	2-4	N	1-3	N	2-3	N	3	N	3-4	N	3-4	N	2-3	N	1-3	2·6
11	NNE	1	N	1	N	1-2	Var.	0-1	E	1-2	NNE	0-2	N	1-2	N	1-2	N	0-1	N	0	N	0	N	3	1·5
12	N	1-2	NNE	2	ENE	2	NE	2-3	N	1-2	N	1-3	N	1	NE	2-3	NE	1-2	N	2-3	N	2	NE	1-2	1·6
13	N	2-3	N	2-3	N	2-3	N	2-3	NNE	1-4	N	1-5	N	3	NE	3-4	NE	3-4	N	2-5	NNE	3-4	N	2-3	2·3
41	N	2-4	NE	2-5	NE	3-4	NE	2-5	NE	2-5	ENE	2-6	NE	2-5	NE	2-5	NE	2-5	NE	2-6	NE	2-6	NE	2-5	3·4
51	N	2-4	N	2-4	N	2-4	NNE	1-4	N	5	N	3-5	N	3-6	NE	3-6	NNE	3-6	NE	2-5	N	3-7	N	1-5	3·4
16	N	1-4	NE	1-3	N	2-6	N	1-3	NE	2-4	N	1-3	N	2-4	N	2-5	N	3-4	N	3-5	N	3-5	NE	1-3	3·7
17	N	0-3	NE	0-2	N	2-3	N	1-2	N	1-2	Calm	0	N	1-2	N	0-2	NE	1-2	N	1-2	N	1-2	N	1-2	1·7
18	N	1	N	2-3	N	2-3	N	0-1	N	2	N	3	N	1-2	N	3	N	3	N	3-4	N	3-4	N	2-3	1·4
19	N	1-2	N	1-2	N	0-1	SE	0-1	Calm	0	N	1-2	N	2-3	N	2	N	2-3	N	1-2	N	2-3	N	2	1·8
20	Calm	0	N	1-2	N	2	N	1	N	1	N	1	N	1	N	1-2	N	1	N	2	N	0-1	N	1-2	1·0
21	N	1-2	NE	1-2	N	2-3	N	1-6	N	8	N	9	N	7-9	NE	7-9	N	8-9	N	1-3	N	4-6	NE	1-3	3·0
22	N	2	N	1-2	N	1-2	N	1-2	N	1-3	N	2-4	N	2-3	N	3-4	N	2-4	N	2-4	N	2-4	NE	1-3	1·8
23	N	1-3	N	2-4	N	2-4	NE	1-3	NE	0-3	NNE	1-4	NNE	2-4	NE	1-3	NE	2-4	N	6	N	5-7	N	7	2·7
24	N	0-1	N	0-1	N	0-1	NNW	0-1	NNW	2	N	1	N	2	N	1-2	N	2	N	2	N	2	N	1-2	1·3
25	N	1	Calm	0	N	0-1	N	1-2	N	1-2	N	1-2	N	1-2	N	1-2	N	1-2	N	1-2	Calm	0	N	0-1	0·9
26	S	3	S	2-3	SE	3	SE	4-5	SE	4-5	SE	5	SE	6-7	SE	6-7	SE	7-8	SE	8	SE	8-9	SE	10	3·5
27	S	4	S	4	S	4	S	3-4	SSE	5	SE	5	SE	4-5	SE	5	SE	4-5	SE	4	SE	5-6	SE	6	5·9
28	SSW	2-3	SW	3	SW	3	WSW	1-3	SW	0-3	S	1-3	S	2-3	S	2-3	SSW	2-3	S	3	S	2-3	S	2-3	2·9
29	WSW	1-2	W	2-3	Var.	0-1	NNW	0-1	Var.	0-1	Var.	0-1	WSW	1-2	Var.	0-2	W	1-3	W	1-3	W	2-3	W	1-2	2·0
30	SW	3-4	WSW	3-4	WSW	3-4	W	2-4	WSW	2-4	WSW	3-4	SW	4-5	SW	4-5	SW	4-5	WSW	2-4	WSW	2-4	W	3-4	3·0
31	Calm	0	NW	1-2	NW	0-1	Calm	0	NNW	0-1	NNE	0-2	W	1-2	NW	1-2	NW	0-1	WNW	0-1	WNW	1-2	WNW	1-2	0·9
MEAN		1·87		2·02		2·10		1·77		2·40		2·52		2·73		2·90		2·90		2·79		2·85		2·56	2·30

WIND. DIRECTION AND FORCE (0 to 12). NOVEMBER 1892.

	1		2		3		4		5		6		7		8		9		10		11		12		Max.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n	Force.	Dir'n.	Force.	
1	NNW	0-1	W	1-2	N	1-2	NW	1-2	WNW	1-2	WSW	0-2	WSW	0-2	W	1-2	W	0-1	W	1-2	S	1-2	S	1-2	5
2	SE	4-5	SE	4	SE	5	SE	5	SE	5	SE	5	SE	5-6	SE	6	SE	6-7	SE	6-7	SE	8	SE	8-9	9
3	SSE	3-4	SE	4-5	SE	5-6	SE	6-7	SE	7-9	SE	8-10	SE	7-9	S	2-5	SW	1-4	SW	1-4	S	3-5	WSW	0-3	10
4	SE	7-8	SE	6-8	SE	8-9	SE	8-10	SE	5-9	SE	7-9	SSE	4-9	SSE	3-8	S	3-6	WSW	1-4	SW	2-4	SSW	3-4	10
5	S	2-5	S	3-5	S	1-4	S	1-4	S	3-4	S	1-4	S	3-5	S	2-6	S	3-5	SSW	2-4	SSW	3-4	W	3-5	6
6	WSW	2-3	S	2-3	Calm	0	S	1	S	1	SW	0-1	SW	0-1	SW	1	SSW	0-1	W	0-1	SW	2	SW	2	3
7	WNW	(2)	WNW	1-2	W	2	WNW	1-2	NW	0-1	NW	1-2	NW	2	W	0	WSW	1	SSW	2	S	1-2	S	2	6
8	S	5-6	S	4-5	S	4-7	S	5-7	SSW	3-5	S	3-6	S	3-5	S	2-4	SSW	2-4	SSW	3	S	4	S	4	7
9	W	1-4	SW	3-4	SW	1-3	SW	1-3	SW	2-3	SW	0-2	SW	1	WSW	1	SSW	1	SW	0-1	WSW	2	W	0-1	4
10	SW	2	SW	3	S	2-3	W	0-2	WSW	2-3	SW	0-2	SW	1-3	WSW	1-3	Var.	0-2	SW	2-3	WSW	2-3	SSW	3	4
11	S	2-4	S	1-3	SSW	1-3	S	2-3	S	3	S	3-4	S	4	SW	2-3	SSW	3-4	SW	1-2	SW	3	WSW	1-3	4
12	S	4	S	3-4	S	3-4	S	3-4	S	3	S	3-4	S	3-4	S	3-4	S	3-4	S	3-4	SSE	4	SSE	4	7
13	SW	1	SSW	0-1	N	0-1	N	1	N	0-1	N	1	N	0-1	N	1-2	N	1	N	1	SE	1	N	0-1	2
14	ESE	2	ESE	2-3	ESE	2-3	ESE	2-3	ESE	3	ESE	3-4	ESE	4	SE	4	SE	4-5	SE	4-5	E	3-4	SE	4-5	5
15	SW	3-4	SW	2-4	SW	1-2	SW	0-2	SW	1-3	SW	1-4	SW	2-5	W	2-4	WNW	0-2	WNW	1-2	N	2-3	W	2-3	5
16	SW	2	SSW	2	WSW	2	WSW	1-2	WSW	2	SW	0-1	SW	1	W	1	Var.	0	W	1	SSW	2	W	1-2	4
17	SSW	1-3	SSW	2-3	SSW	2-3	SSW	2-3	S	3	S	3	S	3-4	S	3	S	3	S	2-3	S	2-3	SSE	3	4
18	SE	3	SE	3-4	SE	3	SE	2	SE	2-3	SE	3-4	SE	4	SE	3	SE	3	SE	4	SE	3-4	SE	4	5
19	ESE	4-5	ESE	4-5	SE	4-5	SE	5-6	SE	5	SE	5-6	SE	6	SE	6	SE	5-6	SE	5-6	ESE	4-5	SE	4	6
20	SE	2-3	E	2-3	E	2-3	E	3	E	3-4	E	3-4	ESE	4	SE	4-5	SE	5	SE	5	SE	5-6	SE	4-5	6
21	ESE	4	ESE	4	ESE	4	ESE	4	ESE	4	ESE	4	ESE	4	SE	4-5	SE	4-5	SE	4	ESE	4	ESE	3	5
22	ESE	5	ESE	4-5	SE	4	SE	4	SE	3	SE	4-5	ESE	4-5	ESE	4-5	SE	4-5	SE	4-5	SE	4	SE	4	5
23	SE	3	SE	3	SE	2-3	SE	2-3	SSE	3	SSE	2-3	SSE	3	SSE	3	S	2-3	S	1-2	S	0-1	S	0-1	3
24	SW	0-1	Calm	0	Calm	0	Calm	0	Calm	0	N	1	N	1	N	1	N	0-1	NNW	0	Calm	0	Calm	0	3
25	E	3	ESE	3	ESE	4	SE	4-5	ESE	5	ESE	5-6	ESE	5	ESE	5	ESE	5	SE	5-6	SE	4-5	ESE	4-5	6
26	SSW	1-3	SW	1-3	WSW	1-2	SW	0-2	SW	1	SW	1	WSW	1-2	SSW	1-2	[SW	1]	WSW	1	NNW	2-3	N	3	4
27	SW	2-3	WSW	3	WSW	2-3	SW	3	WSW	1-3	WSW	2-3	W	2-3	SW	2-3	SW	1-3	SW	2-3	SW	4	SW	4	6
28	WSW	3-6	WSW	3-6	W	1-4	WSW	2-4	S	2-5	[SW	2-5]	SW	2-4	SW	2-4	SW	2-5	WSW	1-4	WSW	3-5	SW	3-6	8
29	W	1-3	W	2-5	Var.	1-5	N	2-4	NNW	2-5	NNE	2-6	WSW	0-4	N	1-4	NW	1-3	WNW	1-3	W	1-4	WNW	1-3	6
30	NNE	1-3	N	1-3	N	1-3	ENE	1-4	ENE	1-5	N	2-4	N	1-4	N	1-5	NE	1-4	N	2-4	N	1-2	N	1-2	5
MEAN		3·00		3·07		2·85		2·95		3·03		3·18		3·25		3·00		2·75		2·70		3·05		2·93	

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Force.
1	S	1	S	1-2	SSE	2-3	SSE	3	SSE	3-4	SE	4	SE	2-3	SSE	3	SE	3-4	SE	4	SE	5	SE	5	2·2
2	SE	7-9	SE	7-8	SE	8-9	SE	7-8	SE	6-7	SE	5-7	SE	5	SE	4-5	SSE	3-4	S	2-3	SSE	2-3	SE	2-3	5·6
3	NW	1-4	W	2-3	W	2-3	W	1-2	WSW	2-3	W	1-2	WSW	1-3	SSW	2-3	SSE	1-3	SE	4-5	SE	6	SE	6	4·0
4	SSW	3-4	S	2-4	S	1-4	S	1-4	S	3-4	S	1-4	SE	3-4	SSE	4-5	SSE	5-6	SSE	2-5	S	2-5	S	2-5	4·8
5	SW	3-6	SSW	2-6	S	3-4	SSW	3-4	S	0-4	S	1-4	SSW	2	S	2-4	SW	3-4	SW	2-4	SW	2-3	SW	3-4	3·3
6	W	1	NW	0-1	N	0-2	WNW	0-1	NNW	0-1	NW	0-1	W	2-3	NW	2	W	2-3	W	2	W	1-2	W	2	1·3
7	S	3	S	3	S	3	S	3	S	3	S	4	S	3	S	4	S	4	S	2-4	S	5-6	S	4-5	2·5
8	SSW	3-4	S	4	SW	1-4	WSW	2-5	W	2-5	W	1-4	WSW	4-6	SW	4-5	WSW	4-5	S	3-4	SW	4-6	SW	3-5	4·0
9	W	1-2	W	2	W	0-1	WNW	1	N	1-2	N	1-2	W	2	Var.	0-2	NW	0-1	W	2	SW	2	SW	2-3	1·6
10	S	1-2	SW	2-3	SW	2-3	SW	2-3	SW	1-2	SW	1	SW	3	SW	3-4	SSE	4	S	1-3	S	3	S	3-4	2·3
11	SW	2-3	S	3	W	1-2	S	2-3	S	2-3	S	3	S	3	SSE	3	S	4	S	3-4	S	4	S	4	2·9
12	SE	4-5	SE	4-5	SE	4-5	SE	5	SE	3-5	SE	5	SSE	5-6	SE	6	SSE	6-7	S	4-5	SSW	3	SW	2	4·1
13	N	1	N	0-1	N	0	N	0	N	0-1	N	0-1	N	0-1	NE	0-1	NE	2	E	1-2	Var.	0-1	E	2	0·8
14	SE	5	SE	4-5	SE	5	S	4	S	3-5	SSW	1-3	SSE	5	S	4-5	S	4-5	S	4-5	SSE	4-5	SSE	3-4	3·8
15	N	2-3	Var.	0-1	Var.	0-2	Var.	0	N	0-1	N	0-1	Var.	0-1	W	1-2	Calm	0	W	1-2	W	0-1	W	1-2	1·6
16	SW	3-4	SW	1-2	W	0-1	W	1-2	W	0-1	W	0-1	W	1	WSW	1-2	SW	1-2	SW	2	SW	2	SW	2	1·4
17	SSE	3	SSE	3	SE	2-3	SE	3	SE	3-4	SE	2-3	SE	3-4	SE	3	SE	3	SE	3	SE	3-4	ESE	3	2·9
18	SE	3	SSE	3	SE	3	SE	3-4	SE	4-5	SE	4-5	SE	3-4	SE	4	ESE	3-4	SE	4	ESE	4-5	SE	4	3·5
19	SE	4-5	SE	4-5	SE	3	SE	3	SE	3	SE	3	SE	3-4	E	3	E	3	E	3	ESE	3-4	SE	2	4·2
20	ESE	4-5	ESE	4-5	SE	5-6	SE	5-6	SE	6	SE	5-6	ESE	5	ESE	5	ESE	5	E	4-5	E	5	ESE	4	4·4
21	E	3	E	3	SSE	2-3	ESE	3	ESE	3-4	ENE	3-4	E	3	E	4	ESE	4	ESE	4-5	ESE	4-5	ESE	5	3·8
22	ESE	3-4	ESE	4	SE	4	SE	4	SE	4	SE	3-4	ESE	4	ESE	4	SE	4	SE	3	SE	2-3	SE	2-3	3·9
23	SSE	0-1	S	1	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	SSE	0-1	1·2
24	E	0-1	Calm	0	Calm	0	Calm	0	Calm	0	Calm	0	SE	0-1	ESE	1-2	ESE	1-2	ESE	2	ESE	2-3	E	2-3	0·6
25	SE	4	ESE	4-5	SE	4-5	SE	5	SE	4	SE	5	SE	4-5	SE	4-5	ESE	4-5	SE	4	S	3-5	S	3-5	4·5
26	N	2-3	N	2-4	ENE	1-3	N	1-3	N	1-3	N	0-2	Var.	0-1	Var.	0-1	N	0-1	N	0-1	NW	0-2	SW	2	1·5
27	SW	4	SW	4	WSW	3-4	WSW	1-3	W	1-3	SW	2-4	SW	3	SW	2-3	SW	3-4	SW	3-5	SW	3-5	SW	3-6	3·0
28	SW	3-6	WSW	4-7	SW	3-6	SW	3-7	SW	3-7	SW	2-6	WSW	4-8	WSW	5-8	SW	4-8	NW	2-3	W	1-3	NW	1-3	4·0
29	NW	1-3	Var.	1-3	W	2-3	W	1-2	N	1-4	Var.	0-3	NW	1-2	ENE	2	NE	0-2	N	1-3	NE	1-3	NE	2-3	2·3
30	N	0-1	N	0-2	N	1-3	Var.	0-1	NNE	0-2	Calm	0	Var.	0-1	N	2-3	NNW	2	N	1-2	NW	0	NE	0-1	1·7
MEAN		2·97		2·93		2·70		2·65		2·70		2·48		2·83		3·08		3·12		2·87		3·00		3·03	2·92

WIND. DIRECTION AND FORCE (0 to 12). DECEMBER 1892.

	1		2		3		4		5		6		7		8		9		10		11		12		Max.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	Calm	0	NW	0-1	NW	1-2	N	1	N	0-1	ESE	2	ESE	2	ESE	2-3	ESE	2	ESE	0-1	N	0-1	Calm	0	3
2	NE	1	N	0-1	Calm	0	Calm	0	Calm	0	Calm	0	N	2	N	0	SSE	0	SSE	0-1	S	1-2	SSE	1-2	5
3	S	3-4	S	4	SW	4	SW	2-4	SW	1-3	SW	1-3	SW	1-3	SW	1-3	SW	1-3	SW	1-4	NE	1-2	N	1-2	4
4	NNE	2-3	NE	1-2	N	0-3	NE	1-2	N	1-3	N	1-4	N	1-4	N	2-4	N	1-4	N	1-3	N	1-4	N	2-3	4
5	NE	1-4	NE	2-4	N	2-4	N	1-4	N	2-4	N	2-5	N	2-4	N	1-3	NE	1-3	N	1-4	N	2-4	N	3-4	5
6	N	2-4	N	2-4	N	1-3	NE	1-3	N	1-4	ENE	1-3	NNE	1-4	N	1-3	N	1-3	N	1-2	N	2-3	Var.	0	5
7	N	1-2	NNE	1-2	N	1-2	N	1-2	N	1	N	1	N	1	N	1	N	1-2	N	1-2	N	2-3	N	2-3	3
8	N	2	N	2	N	2	N	1-3	NNW	1-2	N	2	N	2	N	2	N	1-2	NNW	2	W	1	NW	0-1	4
9	N	1-3	N	3-5	S	0-1	Calm	0	W	0-1	Calm	0	N	0-3	N	0-2	N	0-3	Var.	0-2	N	2-3	NE	1-2	5
10	W	2-3	WNW	[2-3]	W	2-3	SW	2	SW	2-3	SW	2	SW	2-3	SW	1-3	SSW	3	SW	3	SW	3-4	SW	3-4	4
11	W	1-2	NW	2-3	WSW	1-2	Var.	0-2	SSW	1-2	WSW	0-2	W	0-1	WSW	0-2	W	0-1	WNW	0-1	NNW	2	N	1-2	4
12	N	1-2	NE	1-3	E	2	N	3	N	2-4	N	0-3	N	0-2	N	3-4	N	3	N	2-4	N	2-4	NE	1-3	4
13	N	2-4	N	2-4	N	2-4	N	1-4	N	2-4	N	1-3	N	2-4	N	1-4	N	1-3	N	1-3	N	0-1	NNW	1	5
14	SW	3-5	SW	3	Var.	1-3	Var.	0-2	N	1-2	N	0-2	N	0-2	W	2	W	0-1	N	0-2	N	1-2	N	0-2	5
15	NW	1-2	WNW	1-2	WNW	1-2	WNW	0-1	W	0-2	W	1-3	W	1-3	N	1-2	W	1	Var.	0-1	NW	0-1	N	1-2	4
16	N	0-1	N	2	N	2-4	W	2-3	W	1-2	W	3	SW	3-4	S	4	S	4	S	2-4	SW	3-5	SW	4-5	6
17	W	2-4	W	2-4	[Var.	2-4]	Var.	1-3	SW	2-4	Var.	1-3	N	2-5	N	1-4	WSW	1-3	Var.	1-3	Var.	1-3	WSW	2-3	7
18	SW	6-9	SW	6-8	SW	4-7	WSW	2-6	Var.	0-4	W	1-7	W	1-5	Var.	2-5	W	1-4	W	3-5	Var.	3-4	N	1-4	9
19	N	1-2	W	2	NNW	2-3	Var.	0-2	NNW	0-2	N	1-2	E	0-2	Var.	0-1	N	1	Calm	0	W	2	W	2	3
20	W	0-1	W	0-1	Calm	0	Calm	0	SSE	0-1	SSE	1	SE	1-2	SE	1-2	SE	1-2	SE	2	SE	3	SE	2-3	3
21	S	1-2	S	2	S	3	S	2-3	S	2-3	S	2	S	2-3	S	2-3	S	2	S	2	S	2	S	1-2	3
22	S	2	S	2	S	2	S	2	S	2	S	2	S	1-2	S	1	S	1	S	1	S	2	SSE	2	5
23	SE	5	SE	5	SE	4	SE	4-5	SE	5	SE	5-6	SE	6	SE	6	SE	5-6	SE	5	SE	5	ESE	5	6
24	ESE	5	SE	3-4	SE	4	SE	4	SE	4	SSE	4	SE	4	SE	4	SSE	4	SSE	3-4	SSE	3-4	SSE	4	5
25	SSE	3	S	3	SE	3	S	2-3	S	3	S	3	S	2-3	S	2	S	2	S	2	SSE	0-1	S	0-1	3
26	W	0-1	NW	1	Calm	0	N	0-1	N	0-1	N	0-1	N	0-1	W	1	WNW	1-2	WNW	2	WNW	2	WNW	2	2
27	WNW	2	WNW	2-3	W	1-2	W	1-2	W	1-2	W	1-2	SSW	1	SW	1-2	SSW	2-3	WSW	3	SW	2-3	SW	3	4
28	WSW	3	SW	3	SW	2	WSW	1-2	SW	2	SW	1-3	WSW	1-3	WSW	1-3	WSW	1-3	SW	3	SSW	4	SW	3-4	4
29	[SSW	4]	SSW	4	SSW	4	S	5-6	S	4-5	S	5	S	5	SSE	4	SE	4-5	S	4	S	4	S	3-4	6
30	S	3	SSE	4	S	4	S	3	SSE	3-4	SSE	4	S	2-3	S	3-4	S	2-3	S	2-3	S	2	SSE	3	4
31	S	2	SSE	2	Calm	0	SE	2	SE	2-3	SE	3	SE	3	ESE	3	ESE	3-4	SE	3-4	SE	4	SE	4-5	7
MEAN		2·45		2·61		2·26		2·02		2·08		2·21		2·31		2·27		2·16		2·15		2·40		2·27	

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Force.
1	N	0-1	N	1-2	N	2-3	N	2-3	N	1-2	N	1-3	N	1-2	N	2-3	NNW	2-3	NE	1-3	N	2-3	Calm	0	1·4
2	SSE	1-2	S	2	SSW	3	S	3	S	3	S	2-3	S	3	S	3	S	3-4	S	4-5	S	4	SSE	3-4	1·8
3	NW	1-2	W	1-3	W	0-3	Var.	0-2	N	0-2	Var.	0-2	Var.	0-2	E	1-2	NE	2-4	NE	1-3	N	2-3	NE	1-2	2·1
4	N	2-4	N	2-4	N	2-3	N	2-3	N	1-3	N	2-3	N	1-3	N	2-4	N	2-3	N	1-3	N	1-4	N	3-4	2·4
5	NE	1-2	N	1-2	Calm	0	NNW	1-2	NW	0-2	N	1-2	N	2-4	N	2-4	N	2-4	N	2-4	N	2-4	N	2-4	2·4
6	Var.	0-2	N	2-4	N	2-4	NNE	3-5	NNE	2-5	N	2-5	N	3-4	N	3-4	N	3-5	N	2-4	NNE	2-3	N	2-3	2·6
7	N	2-3	NNE	2-3	N	0-1	NE	0-2	N	0-2	Var.	1-2	Var.	0-2	N	0-2	N	2	N	1-2	N	1-2	NE	1-2	1·5
8	NNW	1-2	NW	2	W	3	W	2-3	WSW	1-2	SW	1-2	SW	1	N	0-1	N	2	N	2-4	N	2-4	NE	3-4	1·9
9	N	1-2	N	1-2	NNW	0-2	Var.	0-1	[Var.	0-1]	Calm	0	N	2	N	0-1	NW	0-1	NW	1-2	NW	2	WSW	3	1·3
10	SSW	3-4	SW	4	SW	2-3	SW	1-4	WSW	2-4	SSW	2-4	NW	1-3	N	1-3	N	0-1	NW	1-2	NW	1-3	NW	2-3	2·5
11	NE	0-1	NE	0-2	Var.	0-1	Var.	0-1	Var.	0-2	Var.	0-2	NE	1-3	N	1-3	N	2-3	N	3-4	N	1-4	N	2-3	1·4
12	NE	2-3	NE	2-3	N	2-3	N	2-3	N	2-4	N	2-4	N	2-3	NE	2-3	NE	2-3	N	1-3	N	2	N	2-4	2·5
13	NW	0-1	Calm	0	NW	1-2	W	3	W	3	SW	3	SSW	2	SSE	4	SSE	4-5	SSE	4-5	S	5	SSW	4-5	2·6
14	N	1	N	1-2	NE	0-1	ENE	0-2	N	0-3	Var.	0-1	N	2-3	N	1-2	N	2	NW	1-2	N	0-1	NW	1-2	1·5
15	NW	1	N	1-3	E	1-2	E	1-3	Var.	0-3	N	1-3	NE	0-2	N	2-4	N	1-2	N	1-3	NE	0-1	N	0-2	1·4
16	SW	4-5	SW	4-5	SW	3-5	SSW	3-5	WSW	3-6	WSW	2-6	SW	4-6	SW	4-5	WSW	3-6	SW	4-5	WSW	3-5	W	2-4	3·6
17	N	1-2	WSW	3	WSW	1-3	SW	2-4	SW	2-3	SW	2-5	WSW	4-5	SW	4-6	SW	4-6	SW	4-6	WSW	4-7	SW	5-6	3·2
18	NW	1-4	N	1-3	WNW	1-3	W	0-2	W	1-4	W	0-3	N	2-4	NNW	1-3	NW	1-2	N	1-4	W	1-3	SW	1-2	3·0
19	W	3	W	3	W	2-3	W	2-3	W	2	W	0-1	W	1-2	W	2	W	1-2	WNW	2	W	2	W	0-1	1·6
20	SE	2-3	SE	2-3	SE	2	SE	2-3	SE	3	SE	3	SE	2	SE	2	SE	2-3	SSE	2	SSE	2	SSE	2	1·8
21	S	2	S	2-3	S	3	S	3	S	3	S	3	S	1-2	SSE	2	S	2	S	2	S	2	S	2	2·2
22	SSE	2-3	SSE	2	S	3	SSE	3	S	3	SSE	3	SE	3	SSE	3	SE	3-4	SE	4	SE	4-5	SE	4-5	2·5
23	ESE	5	ESE	5	ESE	5	ESE	5	ESE	5	ESE	5-6	ESE	5-6	ESE	5-6	ESE	5-6	E	5	ESE	5	ESE	5	5·1
24	SSE	4	SSE	3-4	S	3	S	3	SSE	3-4	SE	3	SE	2	SSE	4	S	3-4	S	3	S	3	SE	3-4	3·6
25	S	1	S	1	SSW	0	SW	0	Calm	0	Calm	0	Calm	0	W	0	Calm	0	Calm	0	Calm	0	W	0	1·2
26	NW	2	NW	2	NW	1	NW	1-2	WNW	1	NW	1	W	2	WNW	2	WNW	2	WNW	2	W	2	WNW	2	1·4
27	SW	3	SW	3	SW	3	SW	2-3	SW	2-3	SW	2-3	W	3-4	W	3	W	3-4	W	3-4	W	3-4	W	3	2·5
28	SW	3	SSW	3	SW	2	SW	2-3	SSW	3	SW	3	SW	3	SW	4	SW	3-4	SW	3-4	SSW	4	SW	4	2·9
29	S	3-4	S	3	S	4	S	4	S	3	S	3	S	3	S	3	S	2-3	S	2	SSE	2	S	3	3·7
30	S	2-3	S	2	S	0-1	SW	0-1	Calm	0	Calm	0	Calm	0	SE	0-1	SE	2	SE	2	S	1-2	S	2	2·1
31	ESE	4-5	ESE	5	SE	5	ESE	4-5	ESE	5	ESE	5	ESE	6	ESE	5-7	ESE	5-7	ESE	5-6	ESE	6-7	ESE	7	4·1
MEAN		2·27		2·48		2·19		2·34		2·31		2·26		2·44		2·65		2·76		2·77		2·76		2·76	2·38

CLOUD. AMOUNT OF CLOUD (0–10). JANUARY 1892.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
1	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
2	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
3	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
4	≡	≡	≡	≡	≡	≡	≡	≡	3	≡	≡	≡	≡	≡	1	2	10	≡	≡	≡	≡	≡	≡	≡	9
5	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	9	10	9	8	≡	≡	≡	≡	≡	10
6	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
7	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	1	3	9	≡	≡	≡	≡	≡	≡	≡	≡	≡	9
8	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8	≡	≡	≡	≡	10
9	≡	≡	≡	≡	0	0	≡	≡	≡	≡	≡	1	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9
10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	0	≡	≡	≡	2	0	8
11	3	≡	0	0	1	0	0	5	5	8	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	7
12	≡	≡	≡	≡	≡	≡	≡	9	≡	≡	≡	≡	0	0	0	0	0	0	7	3	4	6	7	7	6
13	8	5	2	1	0	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9
14	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
15	≡	≡	≡	0	0	0	0	0	5	5	3	7	3	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	7
16	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	0	0	0	≡	≡	≡	0	1	≡	≡	≡	8
17	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
18	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
19	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	4	≡	0	3	2	≡	≡	≡	≡	≡	≡	9
20	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
21	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
22	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
23	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	5	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
24	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
25	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
26	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	1	3	2	1	≡	≡	≡	≡	≡	≡	≡	9
27	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
28	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
29	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
30	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
31	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
MEAN.	9·7	9·8	9·4	9·1	8·7	9·0	9·4	9·5	9·5	9·8	9·8	9·1	8·8	8·6	8·8	8·5	9·2	9·1	9·5	9·4	9·5	9·9	9·6	9·6	9·3

CLOUD. FEBRUARY 1892.

1	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
2	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	7	≡	≡	≡	≡	≡	≡	10
3	≡	≡	≡	≡	≡	≡	≡	≡	7	≡	≡	≡	≡	≡	4	≡	≡	7	≡	≡	≡	≡	0	≡	9
4	0	0	0	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9
5	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
6	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
7	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
8	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	4	4	10	10	10
9	10	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	6	7	6	7	8	6	≡	≡	9
10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
11	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
12	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	0	0	9
13	0	10	8	10	5	1	2	3	6	7	6	6	8	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	8
14	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
15	≡	≡	≡	≡	≡	≡	8	9	10	10	9	10	6	8	8	8	8	5	2	1	1	5	5	7	8
16	7	0	8	0	≡	4	≡	≡	5	≡	≡	≡	≡	≡	≡	≡	≡	4	3	10	≡	≡	≡	≡	8
17	≡	≡	≡	≡	≡	≡	4	4	4	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	2	0	≡	8
18	≡	1	0	0	0	2	1	2	1	2	2	2	3	7	8	7	8	5	0	0	0	0	0	0	3
19	0	0	0	0	6	≡	≡	≡	≡	≡	6	1	0	0	0	0	3	2	1	0	0	0	0	0	3
20	0	1	0	1	0	0	2	2	4	4	5	5	9	10	10	≡	5	≡	≡	0	≡	≡	≡	≡	5
21	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
22	0	0	0	8	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	9	≡	≡	≡	≡	≡	≡	≡	≡	≡	9
23	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	9	7	7	5	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
24	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	5	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
25	≡	≡	≡	≡	≡	0	0	0	1	4	3	≡	2	2	9	10	7	6	≡	9	≡	≡	≡	≡	7
26	≡	≡	≡	≡	1	≡	4	≡	1	2	≡	≡	≡	≡	≡	≡	≡	2	≡	≡	1	0	1	1	7
27	≡	8	8	2	0	2	1	2	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	≡	2
28	0	0	0	≡	≡	≡	≡	10	≡	10	3	≡	≡	≡	8	≡	≡	≡	≡	≡	≡	≡	≡	≡	8
29	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8	≡	≡	≡	7	10	5	5	≡	≡	0	9
MEAN.	7·8	7·6	7·7	8·3	8·3	8·2	8·0	8·3	7·9	8·6	8·2	8·7	8·4	8·7	8·7	9·1	8·9	8·0	8·3	8·0	7·6	7·5	7·4	8·2	8·2

CLOUD. AMOUNT OF CLOUD (0–10). MARCH 1892.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
1	0	0	1	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	4	≡	≡	≡	≡	≡	≡	≡	9
2	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
3	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
4	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	≡	0	0	0	0	0	0	0	0	0	0	0	0	5
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0
6	0	0	0	0	≡	≡	3	≡	≡	≡	≡	10	10	10	10	10	10	≡	≡	≡	≡	≡	≡	≡	8
7	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	7	≡	≡	≡	≡	≡	≡	10
8	≡	≡	≡	10	0	0	0	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9
9	≡	≡	10	≡	≡	≡	6	4	6	2	7	≡	2	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9
10	≡	≡	3	7	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	6	8	≡	≡	≡	≡	7	5	≡	≡	9
11	≡	≡	≡	≡	2	≡	≡	≡	≡	10	7	4	6	5	8	6	5	0	0	0	0	0	0	1	6
12	6	1	2	0	0	0	0	0	0	0	0	0	0	3	10	≡	≡	10	10	≡	≡	≡	≡	≡	5
13	≡	10	2	6	10	10	≡	9	6	9	7	9	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	9
14	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	4	3	3	2	0	0	0	8
15	0	0	0	0	1	0	0	0	0	0	1	0	9	10	1	1	0	0	0	0	0	0	0	0	1
16	0	0	0	2	1	1	0	0	2	8	9	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	6
17	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	≡	≡	≡	≡	≡	≡	≡	10
18	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8	7	6	3	1	2	2	≡	≡	≡	≡	8
19	≡	≡	≡	≡	≡	≡	10	6	6	6	2	1	1	3	2	0	1	0	0	0	0	0	0	0	4
20	0	0	0	0	0	0	0	0	0	0	1	2	3	2	3	4	10	3	2	2	≡	0	0	0	2
21	0	0	0	0	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	10	≡	7	0	0	0	0	0	6
22	≡	≡	≡	0	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	10
23	≡	≡	≡	≡	≡	≡	6	≡	6	≡	7	≡	≡	≡	≡	≡	≡	9	2	≡	≡	≡	≡	≡	7
24	0	0	0	0	0	2	2	5	6	≡	≡	≡	≡	≡	≡	≡	≡	2	0	≡	0	0	0	0	4
25	0	0	0	0	0	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8
26	≡	≡	≡	≡	≡	≡	≡	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	10
27	≡	≡	10	≡	9	3	1	3	3	0	2	10	9	10	≡	10	10	10	10	10	1	≡	0	0	7
28	0	0	2	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	7	≡	6	8	1	0	0	0	0	0	6
29	0	0	0	0	1	1	1	1	2	0	1	1	6	5	3	≡	7	≡	≡	≡	≡	≡	≡	≡	5
30	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	3	3	4	4	4	4	4	7	7	9	4	4	5	4	7
31	6	6	5	6	9	9	9	9	9	8	7	6	8	9	5	6	7	4	4	5	4	6	5	4	6
MEAN.	6·2	6·0	5·6	6·2	6·9	7·3	6·7	7·3	7·3	7·5	6·9	7·6	7·7	8·0	7·6	7·9	7·6	7·0	6·4	6·8	6·4	6·3	6·1	6·1	6·9

CLOUD. APRIL 1892.

1	6	7	7	9	9	9	9	9	6	4	2	1	1	3	3	4	1	1	1	1	1	0	0	0	4
2	0	0	0	0	0	0	0	1	7	7	7	8	8	8	8	8	9	8	2	2	2	2	1	2	4
3	2	1	2	9	10	9	10	10	7	8	10	10	10	7	7	7	8	10	10	7	2	3	3	8	7
4	5	5	8	5	7	7	6	2	1	7	9	8	8	5	8	≡	≡	≡	≡	≡	≡	≡	≡	≡	8
5	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	2	≡	≡	9
6	≡	7	≡	10	10	9	10	10	10	9	10	10	9	≡	≡	≡	≡	10	≡	10	≡	≡	≡	≡	10
7	≡	≡	8	≡	≡	8	≡	≡	≡	≡	≡	7	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	1	0	9
8	≡	≡	≡	≡	5	4	4	1	0	0	0	1	1	0	1	5	3	0	0	0	0	0	0	1	3
9	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	1	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	1	1	2	0	0	0	0	0	0
12	9	9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	10	10	≡	≡	10	10	≡	≡	4	≡	10
13	≡	≡	≡	≡	≡	7	8	10	10	10	10	5	7	6	≡	≡	9	9	9	10	≡	0	2	1	8
14	1	≡	≡	0	1	1	0	0	0	0	0	1	7	9	7	3	7	9	1	4	1	1	1	0	3
15	0	0	1	0	0	1	1	1	1	5	7	9	4	7	7	10	5	8	≡	≡	8	0	0	0	4
16	0	0	2	6	4	4	2	2	≡	≡	7	8	9	8	10	10	10	10	7	8	4	0	0	0	5
17	0	0	0	3	1	0	≡	≡	≡	6	3	4	5	8	9	≡	10	10	6	5	10	≡	≡	≡	6
18	≡	≡	0	≡	≡	1	7	4	≡	10	10	10	8	4	9	8	9	8	5	4	7	≡	1	0	7
19	0	0	0	0	2	1	0	0	0	10	0	5	10	10	10	10	10	10	≡	≡	≡	≡	≡	≡	6
20	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	10	10	10	≡	≡	≡	≡	≡	≡	10
21	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
22	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
23	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
24	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
25	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	10	≡	≡	10	10
26	≡	≡	≡	≡	≡	7	≡	≡	≡	7	5	4	7	8	8	7	7	8	9	9	≡	2	3	3	8
27	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
28	≡	≡	≡	≡	≡	≡	≡	≡	7	10	≡	≡	≡	≡	≡	6	8	8	4	2	2	1	0	0	7
29	0	0	0	0	1	1	1	1	4	4	0	4	10	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	6
30	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
MEAN.	6·1	6·3	6·3	6·7	6·7	6·0	6·6	6·4	6·8	7·2	6·7	6·9	7·5	7·5	8·0	8·0	7·9	8·0	7·2	7·1	6·6	5·7	5·2	5·5	6·8

CLOUD. AMOUNT OF CLOUD (0–10). MAY 1892.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
1	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10	10	10	10	=	=	=	=	0	10
2	0	0	0	0	0	0	0	0	0	1	10	10	6	=	=	=	7	=	0	0	1	1	1	1	3
3	1	1	0	0	7	10	7	=	=	=	=	10	10	=	8	9	4	2	1	0	0	0	0	0	5
4	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	1	6	4	1	1	0	0	1	1	0	1	2	2	0	0	1	1	6	8	2
6	8	8	4	1	1	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	1	0	1
7	0	1	0	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	9
8	=	10	10	3	=	0	0	0	1	0	2	8	8	10	=	=	=	=	=	=	=	=	=	=	7
9	=	=	=	=	10	8	1	8	6	=	10	7	10	7	4	2	0	0	0	0	0	0	0	0	5
10	0	0	3	3	1	0	0	0	0	0	0	3	4	6	6	6	8	9	9	6	6	2	2	2	3
11	4	4	8	8	8	9	9	8	5	5	3	4	8	8	8	9	7	7	6	4	8	4	1	2	6
12	5	8	7	6	5	5	5	6	8	8	9	10	10	7	7	10	10	10	10	10	=	=	=	=	8
13	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
14	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
15	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
16	=	=	=	=	=	=	=	=	=	=	=	10	=	=	=	=	=	=	=	=	=	=	=	=	10
17	=	=	=	=	=	=	=	=	=	=	=	=	8	7	9	8	6	7	7	4	5	8	10	=	9
18	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
19	=	=	=	=	=	=	=	=	=	=	=	9	=	=	=	=	=	=	=	=	=	=	=	=	10
20	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	1	3	0	8	3	=	=	9
21	=	=	=	=	=	=	=	=	=	=	=	=	=	9	=	=	=	=	=	=	=	=	=	=	9
22	=	=	10	10	10	10	10	10	9	10	10	10	10	10	10	10	10	=	=	=	=	=	=	=	10
23	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10	=	=	=	=	=	=	=	=	=	10
24	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10	10	=	=	=	=	=	10
25	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	0	0	0	9
26	0	5	1	2	2	8	10	=	=	10	10	10	9	9	8	3	5	9	10	10	=	=	=	=	8
27	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
28	=	=	=	7	10	8	5	4	=	=	9	7	7	9	=	=	=	=	=	=	=	=	=	=	9
29	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10	=	=	=	=	=	=	=	=	=	10
30	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
31	=	=	=	10	10	10	=	=	=	=	=	10	=	=	=	=	=	=	=	6	=	=	=	=	10
MEAN.	7·4	7·6	7·5	7·4	7·9	7·7	7·5	7·7	7·7	7·9	8·3	8·3	8·4	8·5	8·4	8·3	8·0	8·0	7·6	7·1	7·7	7·4	7·5	7·2	7·8

CLOUD. JUNE 1892.

1	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
2	=	1	0	=	7	10	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	9
3	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
4	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
5	=	=	=	=	=	=	=	=	=	10	10	10	10	10	10	10	10	10	10	10	10	9	1	0	9
6	0	1	0	3	3	1	1	1	0	1	=	1	7	10	=	=	9	=	=	=	=	=	=	=	6
7	=	=	=	=	=	=	2	2	=	=	=	=	0	0	0	0	1	0	0	0	0	0	0	0	4
8	1	1	5	6	=	=	=	=	2	2	4	8	9	10	5	7	3	2	6	=	=	3	0	0	6
9	0	0	2	4	6	10	=	=	=	=	9	=	9	4	3	1	1	1	1	2	1	1	0	1	4
10	2	2	6	8	6	4	5	9	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	8
11	=	=	=	=	=	=	=	=	=	=	7	10	=	=	=	10	10	6	6	7	=	=	=	=	9
12	=	=	=	=	=	=	=	=	=	=	=	10	=	=	=	=	=	=	=	=	=	=	=	=	10
13	=	=	=	=	5	=	=	=	7	8	10	10	9	8	6	9	10	10	=	=	7	0	1	3	8
14	0	1	0	0	0	0	0	2	2	4	8	10	=	=	=	=	=	=	=	=	=	=	=	=	6
15	=	=	=	=	=	=	=	7	9	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
16	=	=	=	=	=	=	=	0	=	=	10	10	10	10	9	10	8	=	8	8	=	=	=	=	9
17	=	=	=	=	=	=	=	=	=	=	=	=	=	8	=	=	10	=	=	=	=	=	=	=	10
18	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	9	7	8	=	7	6	8	9
19	9	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
20	=	=	=	=	=	9	=	=	7	9	7	7	5	9	9	9	7	4	8	4	9	=	9	10	8
21	0	0	0	1	1	0	1	0	9	10	6	9	6	5	4	3	9	1	0	1	5	8	10	8	4
22	6	2	8	10	10	=	=	=	=	=	=	=	=	=	10	9	8	9	=	1	0	0	2	2	7
23	6	7	4	3	2	3	5	0	3	7	10	1	4	10	=	=	=	8	9	8	=	10	=	=	7
24	9	=	=	=	=	=	=	=	3	6	7	7	8	7	8	6	1	2	1	1	0	3	=	=	7
25	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
26	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
27	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
28	=	=	=	=	=	=	=	=	=	=	6	4	3	5	8	9	7	7	5	2	6	5	5	6	7
29	6	5	3	2	=	3	2	1	2	5	10	10	8	6	9	9	7	0	0	4	0	0	0	1	4
30	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10
MEAN.	7·6	7·3	7·6	8·2	8·3	8·3	8·2	7·7	8·1	8·7	9·1	8·9	8·6	8·7	8·7	8·7	8·4	7·6	7·7	7·5	7·9	7·5	7·5	7·6	8·1

CLOUD. AMOUNT OF CLOUD (0–10). JULY 1892.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
1	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	8	10	10
2	9	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
3	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
4	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	10	9	10	10	10	10	≡	≡	≡	≡	≡	≡	10
5	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
6	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
7	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
8	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	≡	≡	2	0	0	9
10	0	6	6	1	2	1	1	8	9	9	9	9	4	6	9	6	8	9	9	8	5	5	10	≡	6
11	≡	≡	≡	≡	≡	1	7	≡	9	10	9	8	8	9	8	8	10	10	9	9	10	10	10	10	9
12	8	8	8	8	≡	≡	6	7	5	7	7	7	6	8	6	5	5	8	9	5	5	4	4	0	6
13	0	0	1	3	5	6	3	1	0	0	1	0	0	0	0	0	0	0	0	0	3	1	1	0	1
14	0	0	0	0	0	0	0	0	0	≡	≡	≡	5	≡	≡	≡	≡	≡	10	10	10	10	10	10	6
15	9	9	6	≡	≡	≡	10	10	≡	10	10	10	10	10	10	10	10	8	10	9	10	10	10	10	10
16	10	10	10	10	0	1	1	8	9	10	10	10	≡	≡	≡	≡	≡	≡	10	9	10	≡	≡	≡	9
17	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	10	10	10	9	9	8	9	10	≡	10	6	≡	10	10
18	≡	10	10	9	≡	≡	≡	≡	10	10	7	10	9	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
19	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
20	≡	≡	≡	≡	≡	9	≡	≡	≡	≡	0	≡	5	1	5	7	9	≡	6	8	9	10	9	2	8
21	9	5	8	7	4	4	7	8	9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9
22	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	2	≡	≡	≡	10
23	≡	≡	≡	5	8	7	3	3	8	4	1	0	4	7	4	6	7	8	2	0	0	1	0	0	4
24	0	1	2	6	5	4	3	≡	5	5	1	2	3	2	1	1	1	1	1	0	2	3	1	1	3
25	0	3	3	4	5	3	2	1	1	2	1	3	8	7	7	8	8	7	9	6	2	4	≡	≡	5
26	≡	≡	9	10	4	7	≡	≡	≡	≡	9	9	9	8	8	10	10	10	10	≡	10	10	10	4	9
27	0	≡	≡	8	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	7	10	10	≡	≡	10	2	1	0	8
28	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
29	0	0	0	0	0	0	0	0	0	0	0	2	1	7	7	3	4	2	0	0	0	2	9	3	2
30	≡	0	0	≡	6	8	9	10	10	10	10	9	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9
31	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
MEAN.	7·3	7·5	7·5	7·8	7·4	7·1	7·2	7·9	7·9	8·3	7·6	8·0	7·8	8·2	8·2	8·1	8·4	8·5	8·2	7·9	7·7	7·4	7·8	7·1	7·8

CLOUD. AUGUST 1892.

1	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	10
2	9	10	10	10	10	10	7	0	4	0	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9
3	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	5	≡	≡	≡	5	≡	8	10
4	≡	≡	5	≡	≡	≡	≡	10	≡	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
5	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
6	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
7	≡	≡	≡	≡	≡	≡	≡	≡	2	≡	6	≡	≡	9	8	9	8	10	≡	≡	≡	≡	≡	≡	9
8	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	4	≡	≡	10
9	8	≡	≡	≡	6	≡	0	≡	≡	6	0	8	10	8	9	2	2	1	2	0	0	2	0	0	5
10	0	0	1	0	6	0	≡	6	4	3	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	7
11	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
12	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	10	10	≡	≡	≡	≡	≡	≡	≡	10
13	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
14	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
15	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
16	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	7	10	10
17	8	5	2	3	≡	2	≡	1	5	6	4	7	8	4	8	9	9	6	0	4	0	0	6	≡	5
18	≡	≡	≡	10	10	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
19	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	9	≡	≡	≡	≡	9	10	9	≡	0	0	0	0	0	8
20	0	0	0	5	2	7	6	≡	≡	≡	7	10	10	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	8
21	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
22	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8	10	≡	≡	≡	≡	10
23	≡	≡	≡	≡	≡	≡	≡	≡	≡	7	7	7	8	10	7	≡	9	≡	≡	1	1	2	3	5	8
24	3	10	7	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	10	10
25	8	7	8	8	6	4	5	8	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9
26	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
27	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
28	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	2	0	9
29	0	0	0	0	0	0	0	1	2	≡	6	9	8	10	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	6
30	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	10
31	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
MEAN.	8·6	8·8	8·5	8·9	9·0	8·8	9·0	8·9	8·9	9·0	9·0	9·7	9·8	9·7	9·7	9·7	9·6	9·4	9·4	8·9	8·7	8·5	8·6	8·8	9·1

CLOUD. AMOUNT OF CLOUD (0–10). SEPTEMBER 1892.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
1	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
2	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
3	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
4	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	6	6	3	4	6	7	7	6	9
5	7	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
6	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	5	≡	≡	3	8	5	10	7	≡	≡	≡	≡	≡	9
7	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
8	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	≡	10	8	10	9	≡	10	9	10	10	10	9	10	10
9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
11	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
12	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
13	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	10
14	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
15	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
16	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
17	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
18	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
19	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
20	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	0	0	0	8
21	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
22	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
23	0	0	0	0	≡	≡	9	9	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8
24	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
25	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
26	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
27	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
28	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
29	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
30	≡	≡	≡	0	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	8	≡	9	≡	10	10	9	5	≡	9
MEAN.	8·9	9·0	9·0	8·7	9·3	9·3	9·3	9·3	9·3	9·3	9·3	9·2	9·3	9·3	9·1	9·2	9·0	9·2	9·0	9·1	8·9	8·9	8·7	8·9	9·1

CLOUD. OCTOBER 1892.

1	≡	≡	≡	≡	≡	≡	≡	≡	6	6	≡	≡	≡	≡	≡	7	7	8	10	≡	≡	10	10	2	9
2	≡	2	4	4	7	≡	9	≡	≡	≡	≡	≡	≡	≡	7	≡	≡	≡	≡	≡	≡	≡	≡	≡	9
3	≡	≡	≡	1	9	10	10	10	9	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10
4	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8	8	9	9	3	2	4	4	≡	9
5	≡	≡	1	≡	≡	9	9	≡	8	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9
6	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
7	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
8	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
9	≡	≡	≡	≡	≡	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
11	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
12	≡	≡	≡	≡	0	0	0	0	0	0	0	2	2	6	≡	≡	≡	10	≡	≡	≡	≡	0	≡	6
13	≡	≡	≡	≡	≡	10	≡	≡	≡	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	4	7	6	7	9
14	≡	10	2	3	2	≡	≡	≡	10	≡	8	10	≡	7	3	9	1	1	0	0	0	0	0	0	5
15	0	0	0	10	≡	≡	9	9	9	≡	≡	4	≡	≡	≡	3	≡	10	0	≡	0	≡	≡	0	7
16	0	0	≡	≡	≡	10	10	≡	≡	≡	≡	≡	≡	10	≡	10	10	10	≡	≡	≡	≡	≡	10	9
17	10	≡	≡	≡	≡	5	≡	8	≡	≡	4	≡	10	≡	6	10	10	10	≡	≡	≡	≡	≡	≡	9
18	0	0	0	0	0	0	0	0	1	2	3	4	8	6	6	≡	≡	7	≡	≡	≡	≡	≡	≡	5
19	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
20	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	10	10	10	≡	10	10	10	10	10	≡	≡	≡	10
21	≡	≡	≡	2	3	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	9
22	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
23	≡	≡	≡	≡	≡	10	10	9	9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
24	≡	≡	7	≡	≡	≡	≡	≡	≡	≡	3	10	≡	≡	10	10	0	5	0	0	0	0	0	0	6
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	10	0	0	0	0	0	0	0	1
26	0	0	0	0	0	0	0	0	0	0	10	≡	1	10	5	10	≡	≡	≡	≡	≡	≡	≡	≡	6
27	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
28	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
29	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
30	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
31	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
MEAN.	8·4	8·1	7·9	8·1	8·1	8·5	8·6	8·6	8·5	8·6	8·6	9·0	9·0	9·3	8·9	9·5	9·2	9·0	8·7	8·8	8·3	8·7	8·4	8·0	8·6

CLOUD. AMOUNT OF CLOUD (0–10). NOVEMBER 1892.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
1	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	10	≡	≡	≡	≡	1	≡	≡	≡	10
2	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
3	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10
4	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	2	2	≡	≡	10	10	10	9	10	10	≡	≡	≡	≡	9
5	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
6	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	0	0	≡	≡	≡	9
7	0	0	≡	0	≡	0	0	0	0	0	≡	1	≡	≡	≡	≡	≡	≡	10	10	10	10	10	≡	6
8	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
11	8	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	10
12	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
13	≡	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8	6	≡	≡	≡	≡	10
14	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
15	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
16	2	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
17	≡	≡	≡	≡	≡	2	9	7	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
18	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	4	2	1	0	9
19	0	0	0	0	0	2	1	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	7
20	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
21	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
22	≡	≡	≡	≡	0	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	0	0	0	8
23	0	0	0	0	0	0	0	0	0	0	0	0	0	1	6	1	0	0	0	0	4	0	0	0	0
24	0	0	0	0	0	0	0	2	1	0	0	1	2	1	0	1	0	0	0	≡	≡	≡	0	≡	2
25	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
26	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
27	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
28	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
29	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	10
30	≡	≡	≡	≡	≡	≡	≡	10	10	9	3	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
MEAN	8·3	8·7	9·0	8·7	8·7	8·5	8·7	9·0	9·0	9·0	8·8	8·8	9·4	9·4	9·5	9·4	9·3	9·3	8·9	9·2	8·6	9·1	8·7	9·0	9·0

CLOUD. DECEMBER 1892.

1	≡	≡	≡	≡	≡	10	10	8	6	0	2	1	0	5	0	0	0	10	0	0	0	≡	≡	≡	6
2	≡	≡	10	10	2	0	0	0	0	0	0	0	0	0	7	10	≡	≡	≡	≡	≡	≡	7	≡	6
3	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
4	≡	≡	10	7	≡	≡	≡	≡	≡	≡	6	≡	7	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	10
5	≡	≡	≡	≡	9	10	≡	≡	≡	10	4	4	≡	≡	≡	≡	10	6	10	≡	≡	≡	≡	≡	9
6	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	≡	≡	0	≡	≡	3	1	≡	9
7	≡	6	8	8	9	10	10	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8	2	9	10	9
8	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
9	≡	≡	≡	3	10	≡	≡	≡	≡	5	10	10	9	≡	≡	≡	≡	≡	6	0	10	6	10	6	8
10	10	9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
11	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
12	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	≡	10	≡	10	≡	≡	≡	≡	≡	≡	≡	10
13	10	≡	10	≡	≡	10	≡	≡	≡	≡	≡	0	≡	≡	10	10	10	10	10	10	≡	≡	≡	≡	10
14	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
15	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
16	≡	≡	≡	≡	≡	≡	0	9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
17	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	10
18	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
19	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
20	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
21	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10
22	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	4	≡	5	8	10	3	2	0	0	0	0	0	7
23	0	0	0	0	0	≡	≡	0	≡	≡	1	≡	≡	≡	7	≡	≡	≡	≡	≡	≡	0	0	0	6
24	0	0	0	0	0	0	0	0	0	1	2	4	6	4	4	8	0	0	0	0	0	1	2	1	1
25	0	0	0	0	0	0	0	0	6	8	7	5	2	0	0	0	0	0	0	0	0	0	0	0	1
26	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
27	0	0	0	0	0	0	0	1	6	6	6	6	7	2	[8]	8	8	6	4	1	4	4	3	3	3
28	5	3	0	0	1	1	2	8	8	10	[10]	9	10	≡	10	≡	≡	≡	≡	≡	≡	9	6	4	7
29	3	2	3	0	0	0	0	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	7
30	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	2	≡	10	9	9	10	10	10	10	10
31	10	2	0	2	8	8	0	4	6	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8
MEAN	8·0	7·5	7·5	7·1	7·4	7·7	7·2	7·7	8·5	8·4	8·0	8·0	8·2	8·4	8·4	8·6	8·6	8·5	7·8	7·7	8·1	7·6	7·7	7·9	7·9

STEVENSON SCREEN. TEMPERATURE AND AMOUNT OF CLOUD. JANUARY 1892.

	Temperature—Dry and Wet Bulbs.														Max.	Min.	Black Bulb.	Radn. Min.	Amount of Cloud, 0 to 10.				
	9h		10h		12h		14h		16h		21h		22h						9h	10h	14h	21h	22h
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.									
1	38·1	36·7	39·4	37·3	–	–	40·9	38·0	39·7	37·1	38·5	35·8	38·6	36·9	43·2	36·5	78·0	32·6	10	8	6	7	9
2	43·2	41·3	43·9	41·1	44·9	41·5	45·2	41·7	43·8	41·2	39·2	36·5	38·1	35·4	46·0	34·4	51·4	37·2	10	10	6	10	4
3	35·6	33·5	36·1	33·7	–	–	34·0	32·6	–	–	31·9	31·0	32·7	30·8	38·2	31·1	55·6	27·7	6	8	8	6	3
4	33·9	[30·0]	31·2	28·9	33·8	31·8	34·8	31·7	31·2	29·6	33·8	32·8	34·7	33·8	36·2	28·5	67·2	22·9	5	7	7	10	10
5	45·8	41·9	43·9	41·1	43·5	38·9	41·7	36·1	39·9	33·4	37·1	32·6	35·9	32·2	45·8	33·6	45·0	25·0	10	10	10	7	4
6	34·0	33·1	35·9	33·9	35·2	33·8	37·2	32·2	35·3	32·3	28·8	[28·8]	29·3	[29·3]	38·0	28·7	67·9	25·5	10	10	5	7	7
7	27·0	26·4	28·7	27·1	27·0	26·1	27·0	25·1	26·9	25·9	34·0	32·0	33·1	31·1	34·7	21·2	67·7	17·8	10	10	5	8	6
8	31·9	31·8	31·8	31·7	32·1	–	32·9	32·2	32·9	32·4	31·6	30·2	32·1	31·1	34·2	30·8	–	28·8	10	10	10	7	7
9	30·8	29·9	28·0	27·8	24·9	24·7	26·0	24·8	23·3	22·3	30·2	28·3	29·4	27·8	33·6	21·0	69·7	18·0	4	9	2	9	9
10	33·8	32·8	33·9	33·7	–	–	35·9	33·7	–	–	33·9	32·1	34·8	32·7	37·0	29·0	74·3	–	10	10	9	6	7
11	24·7	23·9	24·9	24·1	27·2	26·1	31·9	30·0	33·2	32·0	35·6	34·9	36·0	35·4	36·1	23·3	44·7	20·0	3	9	10	10	10
12	34·2	32·1	34·1	31·2	34·7	32·8	32·7	32·3	27·9	25·9	23·1	21·6	21·1	19·9	38·6	22·0	81·5	31·5	9	9	1	1	2
13	21·4	20·9	23·8	22·6	31·2	29·3	38·1	34·7	35·3	34·4	35·2	34·6	36·0	35·7	38·2	**15·6**	47·8	**11·4**	10	10	9	10	9
14	33·5	33·0	33·9	33·6	35·1	34·8	34·9	33·9	35·8	33·7	36·0	35·1	38·1	36·0	38·5	33·0	67·9	31·8	10	10	10	9	7
15	24·8	23·8	26·8	25·6	31·1	28·7	32·6	29·6	35·5	33·1	35·4	32·6	35·3	34·6	39·6	24·1	65·8	19·0	6	6	10	1	2
16	37·2	32·6	37·1	32·1	35·6	31·9	36·8	33·3	35·3	31·1	37·9	32·1	38·7	33·6	43·3	34·4	75·2	32·0	3	3	2	3	3
17	38·2	34·0	38·9	33·9	–	–	39·0	35·5	–	–	40·8	37·9	40·1	36·9	41·1	33·2	52·2	29·9	10	10	10	10	10
18	41·4	37·9	40·7	37·7	41·1	37·9	39·8	37·7	40·2	38·0	38·7	37·8	39·0	37·7	43·7	33·0	46·0	34·8	10	10	10	10	10
19	37·9	36·8	35·9	35·2	38·2	37·2	39·2	37·9	38·4	37·1	37·5	36·0	36·8	35·8	41·0	35·0	53·3	32·0	10	10	9	10	10
20	35·6	34·9	36·7	35·2	37·6	36·4	38·8	36·9	37·0	35·4	36·7	35·1	36·9	35·6	39·2	34·5	44·8	32·0	10	10	10	10	10
21	40·2	36·3	41·0	37·0	41·9	37·9	41·2	38·3	39·9	38·1	41·1	39·0	38·9	36·8	42·9	36·4	45·5	34·3	10	10	10	6	3
22	39·7	37·9	39·2	38·0	40·0	38·5	40·1	39·0	39·8	38·8	40·8	40·7	41·0	40·2	41·2	36·4	48·7	32·5	10	10	10	10	10
23	40·2	39·2	43·1	40·0	43·8	40·6	43·3	40·6	42·1	41·0	45·3	43·2	45·0	43·7	45·6	37·6	53·4	34·3	10	10	9	10	10
24	41·2	38·1	40·0	37·0	–	–	39·8	38·1	–	–	38·9	37·3	39·1	37·1	45·5	37·0	54·7	34·1	6	4	5	8	10
25	39·6	37·7	40·0	38·2	43·6	40·6	43·7	40·7	42·0	39·9	42·7	41·1	42·9	41·2	44·2	37·6	69·4	32·3	9	10	9	10	10
26	43·0	42·6	44·0	43·7	48·1	47·4	50·1	47·8	45·8	43·8	46·1	45·7	46·8	46·0	50·6	40·7	**91·7**	39·8	10	10	5	10	10
27	46·4	46·0	46·1	43·9	45·1	43·6	45·2	42·6	43·1	40·6	39·5	36·9	40·6	36·9	47·9	39·0	48·7	44·2	10	10	10	10	5
28	39·6	38·1	39·7	38·4	42·2	41·8	50·1	47·6	49·3	46·9	49·5	48·2	49·9	48·6	51·0	37·0	53·4	33·0	10	10	10	10	10
29	52·9	49·9	52·9	50·1	54·6	50·7	53·0	49·9	50·2	49·6	50·8	48·8	49·3	45·5	**55·0**	49·2	63·5	47·8	10	10	10	10	10
30	45·1	40·6	45·5	40·0	45·0	[40·4]	43·8	40·1	43·8	39·8	44·3	39·3	42·8	38·9	50·2	40·2	57·6	39·8	10	10	10	8	7
31	39·9	37·7	40·8	38·3	–	–	43·8	41·8	–	–	46·1	43·6	48·1	46·0	47·4	38·4	66·4	32·8	7	7	10	10	8
MEAN	37·1	35·2	37·4	35·2	–	–	39·1	36·7	–	–	38·1	36·2	38·1	36·2	42·2	32·7	[60·3]	[30·5]	8·7	9·0	8·0	8·2	7·5

STEVENSON SCREEN. FEBRUARY 1892.

	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.									
1	40·2	37·8	39·0	38·8	38·8	37·9	43·2	39·8	43·0	39·1	36·7	35·9	36·0	35·2	48·9	35·8	51·7	36·0	8	10	10	10	10
2	33·9	31·6	32·9	32·5	35·0	34·1	41·7	38·8	43·9	38·1	40·9	37·8	40·2	37·0	44·1	31·0	89·0	29·3	10	10	10	6	3
3	33·9	32·2	35·8	33·7	39·6	34·9	37·9	33·6	34·7	33·1	33·6	31·6	33·8	32·0	42·1	32·7	86·2	29·5	4	7	6	1	4
4	39·4	35·7	40·8	36·8	38·7	37·9	40·1	37·9	41·8	36·9	39·0	37·0	39·3	37·6	42·1	31·0	49·8	22·7	10	10	10	10	8
5	39·8	36·4	41·1	36·6	41·8	36·8	41·8	38·0	37·0	35·8	37·0	35·7	38·1	36·7	42·8	35·1	85·1	32·0	10	10	7	10	10
6	38·7	36·6	39·8	37·7	42·5	39·7	40·7	38·4	42·3	39·7	40·3	38·7	40·2	38·7	44·8	36·7	79·2	31·8	6	10	10	9	9
7	43·7	43·1	44·0	43·9	–	–	46·4	45·7	–	–	45·7	43·7	44·7	43·0	49·3	39·7	58·8	37·1	10	10	10	10	10
8	40·7	39·2	42·1	40·7	45·0	43·0	47·2	44·0	47·3	43·8	41·1	39·2	40·1	38·8	48·6	38·7	79·0	34·4	8	8	7	3	6
9	44·0	43·8	44·0	43·8	45·7	45·3	46·9	46·7	45·1	45·0	43·7	43·2	43·4	43·1	47·7	39·0	55·2	37·1	10	10	10	10	10
10	44·2	44·0	44·3	44·0	45·7	45·1	40·7	40·1	45·0	44·8	45·0	44·8	45·7	45·4	47·3	42·4	81·2	40·0	9	9	10	10	10
11	46·8	44·3	46·1	44·2	48·3	45·3	48·5	44·9	47·4	44·7	46·3	43·9	46·0	43·9	49·3	44·3	68·1	43·3	9	10	9	10	10
12	46·6	45·3	47·1	45·7	48·0	46·2	48·9	45·9	47·3	44·8	42·8	42·1	42·0	41·1	49·1	42·2	71·7	41·2	10	10	9	10	6
13	33·6	32·1	35·6	33·6	39·8	36·4	41·5	37·4	42·0	38·4	39·6	37·9	39·2	37·9	44·0	32·8	87·2	28·1	4	7	10	10	10
14	41·1	40·9	42·0	41·8	–	–	43·2	40·7	–	–	38·9	37·9	38·2	37·3	45·7	37·8	85·2	37·1	10	10	10	10	10
15	35·6	32·3	35·9	31·9	36·0	31·7	37·7	32·7	37·2	32·1	31·9	30·9	33·1	29·9	39·1	31·0	78·4	31·0	10	10	9	3	7
16	28·2	28·1	30·7	30·2	32·8	29·2	30·9	29·0	31·1	29·1	26·6	24·9	28·2	26·8	33·8	25·0	87·2	22·7	6	7	8	10	10
17	27·7	26·9	27·1	25·7	31·8	30·6	34·8	31·1	29·1	–	28·9	27·7	29·0	27·8	39·0	25·0	93·1	7·0	6	8	5	2	2
18	21·5	20·7	25·1	22·3	30·4	27·0	32·2	27·9	30·1	28·0	20·8	19·5	16·9	15·9	32·2	16·4	96·4	13·0	1	1	5	2	0
19	23·0	22·1	23·5	22·2	27·9	26·2	30·2	27·1	30·9	27·0	20·8	19·8	19·1	18·0	33·4	**11·8**	93·8	**5·7**	7	10	0	0	0
20	22·7	21·8	24·2	21·9	29·2	26·6	29·7	26·1	29·1	27·7	31·0	30·2	31·1	28·8	31·1	18·0	96·7	11·2	6	6	8	9	9
21	32·7	32·6	31·9	31·1	–	–	33·2	32·9	–	–	36·0	34·9	35·6	34·7	39·0	25·0	47·8	28·0	10	10	10	6	7
22	34·8	32·8	35·9	34·1	38·5	36·6	40·7	38·9	44·9	41·1	37·1	35·8	37·2	35·7	46·7	30·0	110·0	30·3	10	10	10	8	9
23	42·9	39·2	43·8	39·2	43·6	39·3	48·8	40·9	46·9	44·9	42·2	38·2	43·0	39·2	49·3	36·4	94·7	31·4	10	10	8	8	9
24	43·8	39·7	45·0	40·5	46·2	41·1	46·8	41·7	47·2	42·2	42·9	39·0	43·8	39·3	49·6	39·0	99·1	35·5	9	9	9	7	8
25	35·9	34·7	39·3	37·2	44·9	41·1	50·3	44·7	48·8	43·4	40·6	38·6	39·8	38·0	**52·8**	33·0	**112·2**	25·8	4	6	4	8	7
26	35·7	34·8	38·0	36·8	42·3	39·9	46·8	41·8	45·9	41·3	36·2	34·9	35·7	34·2	49·0	34·0	86·3	27·9	2	1	6	2	0
27	33·3	32·7	35·7	34·2	40·2	37·8	44·8	40·9	45·7	41·8	38·2	36·7	38·9	36·9	47·8	30·3	86·9	23·9	0	0	0	9	9
28	38·8	37·1	39·7	37·7	–	–	43·2	39·8	–	–	39·8	38·1	38·3	37·1	45·0	35·7	92·4	33·0	10	10	7	9	7
29	38·4	36·7	39·3	37·7	41·0	38·1	42·7	37·6	41·7	36·1	35·5	33·0	35·8	33·0	44·5	35·0	96·2	32·0	10	9	9	1	8
MEAN	36·6	35·0	37·6	35·7	–	–	41·4	38·1	–	–	37·2	35·7	37·0	35·3	44·1	32·6	82·7	28·9	7·6	8·2	7·8	7·0	7·2

STEVENSON SCREEN. TEMPERATURE AND AMOUNT OF CLOUD. MARCH 1892.

	Temperature—Dry and Wet Bulbs.													Max.	Min.	Black Bulb.	Radn. Min.	Amount of Cloud, 0 to 10.				
	9h		10h		12h		14h		16h		21h		22h					9h	10h	14h	21h	22h
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.								
1	35·8	33·5	36·8	33·6	39·7	34·0	41·3	35·5	40·1	35·8	35·9	31·0	33·3	29·9	42·7	28·7	91·8	21·9	10	9	8	1	1
2	35·2	[31·4]	35·9	31·2	37·0	32·0	38·3	32·9	38·2	32·3	33·7	29·3	33·3	28·8	42·8	30·9	95·4	23·1	8	5	2	2	2
3	32·9	[29·0]	33·0	28·7	34·8	29·9	35·8	30·3	35·3	32·0	32·3	[28·5]	32·0	23·1	42·8	28·0	54·7	26·3	8	9	8	7	7
4	31·8	27·3	32·1	27·9	35·6	30·2	37·1	32·2	36·9	32·2	26·6	[25·0]	25·2	24·2	38·7	25·9	92·7	24·0	8	7	3	0	0
5	26·1	24·9	28·2	26·6	35·4	31·8	38·3	34·0	39·0	34·3	30·0	27·9	28·1	26·6	40·4	21·0	89·5	–	2	3	2	0	0
6	26·6	25·9	29·8	28·0	–	–	40·1	35·0	–	–	35·7	32·3	35·7	32·9	40·7	22·4	83·4	14·1	3	5	4	10	10
7	35·1	34·8	35·6	31·9	36·0	32·3	36·1	33·1	36·1	32·9	33·7	32·9	33·2	32·7	36·7	32·0	44·4	29·7	10	10	10	10	10
8	31·9	30·9	34·9	32·7	35·7	34·9	36·8	35·0	36·9	35·0	32·3	31·9	30·9	30·7	39·0	25·5	105·4	21·8	9	10	7	10	7
9	26·3	24·2	26·7	24·7	28·9	26·9	31·1	27·9	27·3	27·2	31·0	30·3	32·2	30·9	33·0	21·9	112·4	15·0	7	1	7	10	0
10	25·8	[25·0]	28·4	27·0	32·9	31·5	37·1	34·0	38·1	34·1	32·1	[30·5]	32·3	30·3	39·1	23·0	**114·0**	18·7	9	7	5	1	0
11	27·0	26·0	31·1	29·1	36·9	32·8	38·9	35·2	39·3	34·9	29·3	28·4	27·8	26·0	42·0	21·6	113·1	16·2	3	1	4	0	0
12	29·0	28·1	30·6	27·9	34·9	30·9	34·9	32·5	36·2	33·0	31·7	30·4	30·8	30·1	37·3	20·8	106·9	–	0	0	9	10	10
13	32·6	31·7	34·9	31·9	–	–	37·6	33·5	–	–	30·9	29·9	31·9	30·7	39·6	26·2	91·3	21·3	4	9	9	8	9
14	31·7	31·1	33·2	30·7	35·2	32·2	38·0	34·5	38·1	34·3	29·9	28·7	29·1	27·8	40·8	28·4	95·8	24·5	10	7	8	3	0
15	28·6	26·7	31·0	28·7	34·2	31·9	37·2	33·1	37·5	33·1	29·3	[27·5]	26·8	25·7	39·0	21·7	94·8	15·7	3	3	1	0	0
16	26·8	25·9	30·8	27·9	35·8	32·1	41·0	36·6	41·2	38·2	43·1	42·3	42·9	42·2	44·9	20·0	94·0	13·8	8	9	10	10	8
17	48·5	46·9	47·1	46·1	47·0	46·1	51·9	49·2	52·7	49·0	47·7	45·9	49·9	47·7	53·0	40·0	106·3	34·3	10	10	5	6	6
18	50·8	48·9	49·7	48·6	50·4	48·8	52·8	49·1	56·5	48·0	53·2	47·3	53·3	48·1	57·2	47·8	94·6	45·4	10	10	9	5	6
19	53·1	44·6	55·3	45·9	57·0	45·9	58·8	47·8	56·9	48·4	49·6	42·3	49·9	41·9	**59·5**	47·0	109·2	38·2	7	7	1	0	0
20	46·2	38·2	46·1	38·7	–	–	53·5	42·9	–	–	40·8	37·7	36·1	34·1	55·2	37·0	109·2	28·2	1	1	2	3	0
21	38·8	37·1	38·7	37·7	42·2	40·2	43·8	41·3	44·1	42·0	40·6	38·2	37·9	36·7	46·9	33·0	95·7	26·4	10	10	9	4	3
22	40·7	37·8	41·9	38·8	45·0	40·0	47·3	41·1	47·1	42·0	44·7	42·1	44·5	42·1	49·0	37·3	90·0	27·7	9	9	9	9	10
23	45·7	42·8	46·9	43·0	49·0	44·5	49·7	44·8	48·8	44·1	45·2	42·7	44·8	42·1	51·2	39·8	107·3	41·0	8	8	8	8	9
24	43·6	41·8	44·1	42·4	48·0	44·2	49·5	45·0	48·1	44·7	43·7	41·8	42·9	42·0	50·0	40·3	106·9	32·7	10	10	9	7	10
25	43·2	42·2	44·1	42·6	43·9	42·8	43·6	42·7	43·5	42·5	41·9	40·5	42·2	41·0	44·7	40·8	67·4	40·0	10	10	10	10	10
26	40·0	38·0	36·2	34·8	32·6	32·0	32·6	30·0	30·2	29·5	29·0	27·9	28·0	27·0	43·8	27·0	51·6	36·2	10	10	10	10	10
27	28·3	28·0	29·7	25·9	–	–	32·3	28·0	–	–	28·8	25·7	28·9	26·1	37·2	23·9	107·2	19·8	4	4	7	1	1
28	32·0	[31·0]	34·0	32·1	35·0	33·9	38·5	33·9	35·0	32·0	27·9	27·3	27·7	25·0	41·7	24·4	104·3	21·0	8	10	3	0	0
29	27·2	24·2	31·9	28·4	38·6	33·3	41·0	36·3	42·8	37·1	38·2	35·1	37·8	35·1	42·4	**19·3**	97·6	**12·0**	3	3	9	9	10
30	41·6	37·9	43·7	39·6	46·2	41·8	45·6	41·8	47·7	40·6	40·9	36·7	41·0	37·0	47·9	36·6	104·1	31·2	7	6	6	9	10
31	42·8	37·9	44·5	39·8	48·6	42·0	48·6	42·1	49·2	44·1	43·7	39·2	43·7	39·2	50·8	38·9	105·6	33·1	8	8	9	9	9
MEAN	35·7	33·3	37·0	34·0	–	–	41·6	37·1	–	–	36·6	34·1	35·9	33·6	44·2	30·0	94·7	[26·0]	7·0	6·8	6·5	5·5	5·4

STEVENSON SCREEN. APRIL 1892.

	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.								
1	46·1	40·9	48·9	42·0	53·9	44·1	55·8	45·1	55·1	44·8	43·4	36·7	36·9	34·9	56·0	40·0	108·9	35·6	8	7	1	0	0
2	37·2	34·6	42·2	39·2	51·0	[44·0]	57·2	[47·0]	57·9	45·7	45·7	39·2	42·9	38·7	58·9	28·9	108·9	20·8	5	7	9	0	0
3	41·1	37·9	45·7	40·9	–	–	61·8	49·3	–	–	51·6	44·7	49·0	42·9	**68·1**	33·0	116·1	26·1	6	8	9	4	4
4	46·6	42·0	53·8	45·5	57·2	47·7	53·7	48·0	53·0	48·7	50·1	46·9	49·3	46·8	58·9	37·9	100·9	30·6	5	4	4	10	10
5	48·5	47·3	47·2	46·8	48·1	47·6	48·5	47·6	48·8	47·8	47·0	46·7	47·4	47·0	50·0	46·4	65·4	45·0	10	10	10	9	9
6	49·0	48·0	50·9	49·0	55·3	51·1	55·2	50·5	54·2	50·1	48·0	46·0	46·7	45·6	57·9	45·0	114·6	43·1	8	8	7	10	10
7	47·9	45·8	49·9	46·9	57·1	49·8	59·6	51·4	58·9	51·5	50·7	46·9	48·8	45·7	61·0	41·9	115·8	37·0	5	3	7	0	0
8	46·1	44·8	50·3	47·9	60·1	53·3	64·8	56·4	64·5	52·6	49·8	44·8	46·3	42·9	66·1	39·0	116·9	31·8	1	1	2	0	0
9	49·0	44·9	53·9	48·3	63·3	49·7	63·0	48·7	61·9	48·9	48·0	40·6	46·1	40·1	64·4	39·0	116·9	31·0	0	0	0	0	0
10	48·8	40·6	50·7	42·3	–	–	64·4	49·9	–	–	46·7	42·1	45·5	41·7	66·9	33·9	116·4	23·4	0	0	0	0	0
11	45·8	42·1	52·1	45·2	58·9	47·8	61·0	47·8	57·2	46·4	45·0	41·9	42·7	40·1	62·0	32·0	114·6	25·3	0	0	1	0	0
12	39·8	36·2	40·2	35·6	42·2	36·7	42·1	36·1	42·3	41·4	34·7	32·2	33·8	30·9	46·0	33·8	–	37·8	10	10	10	6	2
13	36·6	33·6	37·9	32·2	37·2	33·1	38·8	34·6	34·9	33·4	32·2	32·1	30·9	30·7	43·7	27·0	115·2	19·1	6	9	9	8	3
14	32·2	31·1	34·6	[31·0]	40·1	34·1	39·2	33·0	37·3	33·2	30·6	31·7	29·7	28·6	44·2	**21·8**	110·0	**12·9**	2	2	7	3	1
15	33·2	30·5	37·0	32·2	43·1	36·0	42·7	35·1	37·9	33·9	32·8	32·1	32·2	31·9	47·7	22·9	120·0	14·4	1	2	9	10	3
16	33·1	30·9	36·0	32·0	39·9	33·6	45·1	37·0	41·7	34·8	32·2	30·1	30·8	30·7	46·2	[24·8]	111·3	14·9	2	2	7	3	0
17	32·8	32·0	38·8	33·1	–	–	45·2	38·0	–	–	32·0	30·9	32·0	31·7	47·2	22·0	107·3	13·3	9	6	7	4	2
18	38·1	34·6	40·9	35·8	44·0	36·9	47·1	40·0	46·1	43·8	37·7	35·7	35·9	34·6	48·2	28·0	118·8	21·0	6	8	10	4	2
19	38·7	35·8	42·2	37·9	45·9	39·8	47·9	40·1	46·9	38·7	41·6	39·9	40·8	39·9	49·0	26·1	101·1	19·1	0	1	10	10	10
20	46·9	45·2	48·0	45·8	49·0	46·2	51·2	45·9	50·9	46·0	45·8	44·9	46·6	45·7	52·1	40·0	100·8	36·2	10	9	10	10	7
21	47·6	44·6	49·8	45·6	46·7	45·1	46·1	45·2	47·2	46·8	49·7	48·9	48·6	48·0	50·7	44·9	101·0	40·0	10	10	10	10	10
22	48·8	43·8	49·8	44·2	51·6	44·6	52·0	45·0	51·9	43·9	46·7	41·8	46·8	41·9	53·3	44·9	**121·8**	40·5	7	8	6	7	9
23	47·7	42·8	48·1	42·9	51·7	45·2	51·0	44·9	49·0	44·1	43·9	41·9	44·9	40·3	53·0	43·0	117·0	36·0	9	7	8	10	3
24	47·0	42·3	48·1	42·2	–	–	51·1	43·8	–	–	43·8	41·8	43·8	40·8	52·0	41·1	112·0	36·0	9	7	5	8	5
25	43·2	39·7	42·3	39·8	46·2	42·6	43·6	41·0	49·3	44·0	42·1	36·1	40·5	37·1	49·9	39·2	114·8	34·2	7	3	8	9	10
26	42·2	37·0	45·6	38·1	48·1	39·9	51·8	42·9	47·7	40·9	38·8	36·0	38·9	36·6	53·0	36·2	118·9	31·2	7	3	5	2	3
27	34·9	34·7	36·0	35·6	41·6	39·9	43·0	40·1	42·7	39·0	38·9	36·9	38·2	37·0	44·9	32·8	94·8	30·3	10	10	10	8	7
28	41·0	35·4	40·9	36·3	40·0	37·7	43·8	38·7	43·8	37·6	34·9	31·8	32·2	29·9	47·1	32·0	118·0	30·0	8	8	6	1	0
29	40·4	35·4	41·8	35·8	45·8	38·0	48·1	40·6	46·3	39·9	39·9	38·6	40·7	38·9	50·3	28·9	114·1	22·1	4	5	6	10	5
30	44·4	41·9	46·8	43·6	48·1	44·9	49·7	44·4	51·7	46·0	45·6	42·9	45·0	43·5	51·9	40·0	93·1	35·0	10	10	9	10	10
MEAN	42·5	39·2	45·0	40·5	–	–	50·8	43·6	–	–	42·3	39·4	41·1	38·8	53·4	34·8	[109·8]	29·1	5·8	5·6	6·6	5·5	4·0

STEVENSON SCREEN. TEMPERATURE AND AMOUNT OF CLOUD MAY 1892.

	Temperature—Dry and Wet Bulbs.														Max.	Min.	Black Bulb.	Radn. Min.	Amount of Cloud, 0 to 10.				
	9h		10h		12h		14h		16h		21h		22h						9h	10h	14h	21h	22h
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.									
1	46·1	44·6	47·1	45·0	–	–	52·8	47·9	–	–	46·9	44·0	46·0	43·8	55·0	43·0	98·8	40·6	10	10	10	8	3
2	47·9	44·2	53·3	47·7	54·7	47·8	52·1	47·2	46·1	43·2	41·6	37·8	40·0	37·1	56·1	39·3	118·9	28·0	1	1	4	3	2
3	44·6	41·0	45·9	41·8	47·0	42·8	47·7	42·5	48·1	41·7	42·9	37·9	41·9	37·9	51·0	36·7	119·9	31·8	8	7	4	4	4
4	42·9	38·4	43·9	38·9	47·0	40·8	50·0	42·9	51·1	43·7	44·7	41·1	42·9	40·0	53·0	37·0	109·2	34·9	2	1	0	1	2
5	46·8	42·8	48·9	43·8	50·2	44·2	52·0	44·7	55·1	45·8	40·9	37·0	39·8	35·8	56·0	35·6	115·0	30·2	10	4	0	1	0
6	43·1	37·7	45·9	39·1	49·2	41·9	51·9	43·5	52·3	45·8	42·1	38·0	41·0	37·5	52·8	31·3	110·2	25·0	0	0	0	0	0
7	46·8	44·9	48·9	45·8	50·6	46·8	50·9	46·8	52·3	46·8	47·0	43·9	44·8	42·9	53·7	38·1	122·2	32·9	10	10	10	10	10
8	47·9	43·8	50·8	45·2	–	–	51·9	46·0	–	–	46·0	43·1	45·2	43·0	54·3	38·0	122·0	31·0	2	6	8	7	10
9	49·9	46·2	52·5	47·6	56·9	50·3	58·1	51·3	59·8	50·3	49·8	44·9	45·9	43·2	59·9	43·8	119·2	40·7	3	4	5	0	0
10	54·6	47·9	56·9	50·0	64·6	52·1	67·8	54·9	66·2	54·6	58·2	48·1	57·0	46·9	69·0	[38·7]	119·0	30·1	0	0	7	5	4
11	55·1	46·9	57·1	47·9	61·7	50·6	64·1	52·2	62·8	52·4	57·2	47·0	55·9	45·8	65·6	44·2	123·9	34·6	8	4	8	4	3
12	54·9	47·2	56·8	42·3	57·7	49·6	60·7	49·2	59·0	50·8	52·2	49·4	51·8	49·8	61·3	41·9	105·2	33·2	8	9	10	10	10
13	51·1	50·8	51·5	50·9	52·4	51·7	51·7	51·1	52·1	51·9	52·3	52·0	52·0	51·7	53·0	49·2	73·2	49·2	10	10	10	10	10
14	51·9	46·8	50·9	46·0	51·2	48·2	48·9	46·9	53·2	47·2	47·8	46·0	47·6	45·2	54·2	46·2	118·0	46·8	4	9	10	10	10
15	50·2	48·7	49·9	48·1	–	–	50·8	48·7	–	–	46·1	44·1	44·8	43·0	52·4	44·0	88·2	45·8	10	10	10	10	10
16	48·1	46·4	47·9	46·2	50·2	48·9	52·4	49·8	48·9	46·6	45·9	44·4	47·7	44·4	52·2	43·4	114·3	42·5	10	10	10	4	5
17	48·0	43·9	49·1	44·8	50·2	45·8	53·4	46·7	53·7	47·6	47·2	42·2	45·8	42·0	56·4	44·0	120·0	42·9	6	7	8	3	4
18	45·7	43·5	47·8	44·2	47·3	45·5	48·2	47·7	48·1	46·6	46·9	44·0	45·9	43·3	53·0	41·0	116·3	36·3	10	10	10	9	6
19	51·0	44·9	52·1	45·9	54·0	45·8	55·1	47·7	53·4	46·9	45·0	44·0	44·0	43·2	56·3	43·2	124·0	39·8	7	7	5	10	10
20	49·1	46·8	46·1	44·1	49·8	45·8	44·8	41·9	45·2	41·0	41·7	39·8	39·8	37·9	51·0	39·1	123·9	44·7	10	10	10	6	3
21	46·9	42·6	47·6	44·0	44·0	41·8	48·1	41·1	45·9	43·2	43·8	39·9	43·6	39·9	51·0	37·7	124·3	33·2	7	9	4	7	9
22	[45·7]	[39·9]	46·9	[40·8]	–	–	49·9	42·8	–	–	45·8	42·0	45·1	41·7	51·3	38·4	116·9	35·2	10	10	10	10	10
23	47·0	45·1	48·9	46·6	54·1	50·8	56·0	52·3	57·6	52·6	55·8	51·7	55·1	51·8	59·5	43·0	120·0	41·1	10	10	8	10	10
24	57·3	52·3	56·3	52·1	52·0	50·9	53·8	50·3	55·8	50·9	50·9	48·2	49·9	47·0	59·0	49·3	123·0	51·2	9	10	8	7	4
25	52·8	49·7	54·4	50·4	54·1	52·0	54·8	53·7	53·1	52·3	50·8	49·3	48·2	47·0	55·7	42·0	67·1	34·3	10	10	10	5	4
26	53·9	51·0	55·9	52·7	57·1	53·1	61·7	55·7	60·2	54·8	56·1	54·0	55·1	52·7	63·1	44·7	128·2	40·6	4	4	4	10	10
27	53·8	52·3	52·7	51·7	54·8	53·0	53·9	52·1	56·0	53·4	53·1	50·9	52·8	50·9	57·8	51·2	109·8	51·0	10	10	10	7	8
28	57·8	52·9	60·9	54·8	63·3	56·4	63·2	56·6	59·4	56·1	56·2	52·4	56·2	52·5	64·9	44·9	122·1	40·4	3	2	10	10	10
29	[53·0	49·6]	53·4	49·9	–	–	53·2	49·6	–	–	50·9	48·0	50·3	47·9	57·0	47·2	84·0	49·9	10	10	10	10	10
30	52·1	49·6	52·6	50·1	52·4	51·0	53·8	52·8	57·9	55·2	54·0	53·3	54·2	52·9	60·0	48·0	116·4	46·3	10	10	10	10	10
31	53·7	50·9	55·5	51·8	57·9	54·3	56·8	54·7	56·6	54·6	56·0	53·9	56·9	54·0	62·1	52·0	126·0	50·6	10	10	10	10	10
MEAN	50·0	46·2	51·2	46·8	–	–	53·9	48·8	–	–	48·9	45·6	48·0	44·9	56·7	42·5	112·9	39·2	7·2	7·2	7·5	6·8	6·5

STEVENSON SCREEN. JUNE 1892.

	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.									
1	51·2	50·2	53·0	51·9	56·7	52·0	55·6	52·8	57·7	53·9	50·1	47·9	49·7	47·0	58·5	49·3	128·8	49·6	10	7	10	10	9
2	48·4	46·6	48·5	47·0	47·9	47·8	49·1	48·8	51·1	49·9	46·8	44·9	46·9	45·0	51·9	42·0	63·2	36·0	10	10	10	10	10
3	44·8	43·1	46·7	44·8	47·2	44·9	48·1	46·8	50·0	48·6	49·1	45·9	48·8	45·7	51·2	43·1	100·2	42·3	10	10	10	7	8
4	49·2	48·2	51·8	49·2	55·8	50·1	54·2	51·2	53·1	50·8	50·2	48·1	50·0	48·6	57·5	46·3	121·3	42·2	10	10	9	10	10
5	55·9	51·8	57·3	53·7	–	–	56·0	52·7	–	–	53·9	52·0	52·1	51·3	59·4	49·2	107·9	47·4	9	10	10	9	10
6	54·1	52·2	54·9	52·0	56·2	52·5	56·6	53·2	56·6	53·9	55·0	54·0	54·1	53·7	57·9	50·0	102·3	48·0	10	9	10	10	10
7	56·7	55·2	58·8	56·8	60·2	57·1	64·8	59·8	67·2	60·8	60·1	57·6	59·0	56·9	68·2	52·0	129·5	52·2	9	10	7	1	0
8	63·9	60·0	68·1	62·2	69·8	62·9	70·1	61·3	71·8	61·8	63·8	59·9	62·1	58·9	71·9	52·0	124·8	44·0	2	4	5	1	0
9	63·1	59·6	66·8	60·8	71·9	64·8	73·2	65·0	71·0	62·1	64·6	59·0	61·1	57·0	74·0	52·1	132·6	51·5	1	3	2	0	0
10	51·1	48·3	50·9	48·1	51·8	48·4	51·9	48·6	53·7	48·9	49·6	46·9	48·2	45·9	61·3	48·0	69·1	44·6	10	10	10	10	10
11	49·6	45·1	50·9	46·7	50·7	45·9	51·8	45·7	–	–	47·3	44·3	46·9	43·8	55·6	43·0	129·3	48·4	10	10	9	10	10
12	46·9	42·8	46·8	40·9	–	–	50·0	46·6	–	–	44·9	42·4	44·0	41·2	52·8	39·9	116·2	38·2	8	7	9	6	7
13	47·6	41·6	49·8	42·7	52·0	43·8	53·9	45·8	54·1	46·0	48·1	43·6	45·8	40·9	57·0	40·2	129·0	42·2	7	7	8	8	3
14	49·9	44·0	51·9	45·2	53·3	46·9	54·0	48·1	54·1	47·8	51·8	46·8	51·0	46·8	57·1	36·0	123·8	34·8	4	7	10	10	10
15	55·8	49·8	56·1	49·9	55·0	50·8	54·0	51·9	53·5	51·7	52·6	51·0	52·8	50·1	56·3	48·2	107·1	47·6	9	10	10	10	10
16	50·5	43·9	49·6	43·7	53·1	45·9	52·8	45·0	53·8	44·9	46·0	41·0	44·9	40·7	55·0	45·0	127·0	42·7	7	8	6	4	8
17	49·8	45·2	51·2	45·1	50·2	45·9	52·0	47·8	54·0	48·2	46·1	44·8	46·7	44·8	55·1	39·3	123·0	35·6	8	8	8	4	8
18	49·8	45·1	50·8	46·0	52·2	47·3	54·7	49·6	–	–	48·8	46·1	46·2	44·6	56·1	44·8	102·0	41·7	10	10	10	4	4
19	51·8	47·7	53·8	48·9	–	–	54·9	50·9	–	–	52·1	50·4	51·9	50·1	58·0	41·7	124·1	38·6	9	7	10	10	10
20	53·8	49·1	54·2	49·3	57·8	49·8	59·0	51·2	59·0	49·8	52·2	48·4	50·8	47·6	63·2	49·3	132·3	48·0	8	8	5	3	3
21	54·2	49·7	55·9	50·9	60·1	52·2	61·8	53·9	61·7	53·8	54·9	49·8	54·8	49·8	63·9	39·2	126·6	33·6	2	2	3	4	10
22	50·7	49·1	50·8	49·1	52·1	50·0	55·0	52·2	59·0	54·0	53·0	49·4	52·0	48·7	61·2	46·0	117·8	39·6	10	10	10	2	1
23	57·8	52·0	59·3	52·6	62·9	54·0	63·6	54·6	59·1	54·9	57·4	51·9	54·2	50·9	66·1	43·9	134·0	37·2	2	1	9	8	10
24	53·8	49·9	58·1	52·2	59·1	50·7	58·8	52·5	65·1	57·5	52·8	47·0	50·9	46·0	63·9	50·1	126·3	51·0	1	2	4	0	1
25	54·9	49·8	54·8	49·9	55·1	50·1	54·1	51·9	54·9	52·8	53·8	52·9	53·1	52·7	57·4	45·2	69·2	39·9	10	10	10	10	10
26	51·9	51·2	51·1	50·6	–	–	56·0	55·4	–	–	55·9	55·1	54·9	54·0	58·0	50·9	90·2	51·5	10	10	10	10	10
27	53·8	51·5	54·7	52·0	53·1	51·5	53·4	52·0	54·1	51·9	52·6	48·6	51·9	47·8	55·3	51·2	111·8	49·4	10	8	10	9	6
28	56·8	49·7	58·0	49·8	59·7	50·2	59·7	53·2	59·2	52·8	51·2	47·9	49·7	46·9	61·9	49·3	126·2	46·1	7	3	3	5	4
29	53·9	50·2	57·0	51·8	60·0	53·4	61·8	55·9	63·0	52·9	51·9	48·4	49·4	46·9	64·0	41·9	126·8	36·9	1	2	4	1	2
30	54·8	51·9	54·2	51·6	55·2	51·9	54·9	52·7	54·6	53·0	51·7	48·4	51·6	47·4	56·0	48·0	110·4	42·2	9	10	10	4	4
MEAN	52·9	49·2	54·2	49·8	–	–	56·5	51·9	–	–	52·3	49·1	51·2	48·4	59·5	45·9	114·4	43·4	7·4	7·4	8·0	6·3	6·6

STEVENSON SCREEN. TEMPERATURE AND AMOUNT OF CLOUD. JULY 1892.

	Temperature—Dry and Wet Bulbs.														Max.	Min.	Black Bulb.	Radn. Min.	Amount of Cloud, 0 to 10.				
	9h		10h		12h		14h		16h		21h		22h						9h	10h	14h	21h	22h
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.									
1	[55·4]	[51·5]	53·8	48·1	54·7	48·0	56·1	50·6	56·6	49·7	51·0	47·7	50·3	47·8	59·2	47·5	116·8	46·2	8	8	8	3	3
2	52·1	50·0	53·6	51·2	54·7	53·1	56·5	55·0	–	–	56·7	55·8	55·1	54·9	58·1	47·0	76·8	43·7	10	10	10	10	10
3	56·7	55·9	55·9	55·0	–	–	56·9	55·3	–	–	55·8	54·8	54·8	53·8	57·2	54·4	89·7	54·8	10	10	10	10	10
4	53·9	48·3	57·1	49·0	57·2	48·9	60·2	50·6	56·1	50·9	52·6	48·9	53·8	49·8	60·9	49·1	128·9	49·0	8	7	8	10	10
5	53·8	52·1	53·2	51·8	52·7	49·6	54·0	51·1	53·0	49·6	51·9	48·1	50·5	47·3	57·4	50·0	110·0	50·3	10	10	10	8	8
6	51·8	50·0	53·5	50·1	55·1	49·3	56·7	51·8	53·8	52·4	52·9	51·3	52·6	51·7	57·8	49·0	104·8	46·2	10	10	10	10	10
7	53·0	50·6	51·9	50·2	53·4	47·9	55·8	54·1	52·8	48·9	50·4	48·2	49·7	47·9	57·2	49·0	121·6	51·1	10	10	8	10	10
8	51·7	48·9	51·6	48·7	52·8	49·7	54·0	50·1	51·9	48·8	51·8	49·2	51·5	49·1	54·1	47·7	77·2	46·2	10	10	10	10	10
9	54·8	51·1	55·4	51·4	54·8	52·6	55·9	52·1	55·9	52·1	52·5	50·9	49·0	47·9	58·0	50·3	124·9	48·8	10	10	10	8	3
10	54·6	51·0	57·0	52·1	–	–	63·7	55·1	–	–	56·0	52·8	52·2	49·9	65·0	**42·0**	131·5	**35·3**	2	2	2	3	1
11	61·9	53·8	65·7	55·0	66·2	55·3	66·9	54·9	69·1	56·1	60·2	51·7	59·0	50·8	70·0	49·8	129·6	40·7	2	2	9	8	8
12	58·8	51·0	57·4	51·8	58·7	52·7	60·7	52·9	58·9	52·6	51·2	47·8	50·0	46·8	62·9	49·5	127·9	43·1	6	5	7	4	4
13	52·3	48·6	54·6	49·7	56·2	50·9	58·7	52·6	58·2	52·3	50·9	48·1	49·8	47·8	59·2	46·4	123·3	41·4	5	4	2	2	3
14	51·3	47·0	53·0	48·3	55·9	49·9	59·7	51·7	61·2	53·0	53·9	49·0	51·9	48·1	63·2	48·0	129·0	47·8	10	10	4	3	9
15	52·9	48·1	54·9	49·3	56·7	50·0	59·7	50·9	60·9	51·7	53·1	48·4	52·0	47·8	61·5	44·2	132·9	38·4	7	9	7	9	8
16	52·9	47·1	55·2	47·9	54·2	48·0	57·3	50·1	54·8	48·8	51·7	48·1	50·8	47·7	57·5	43·9	122·1	40·0	6	8	8	10	10
17	52·9	46·1	53·8	46·8	–	–	60·2	52·0	–	–	55·0	48·9	51·8	47·9	63·9	46·4	129·9	40·5	10	10	7	6	6
18	53·0	48·0	53·9	47·6	57·3	48·9	57·2	50·2	54·8	49·9	51·8	50·9	52·0	50·9	60·0	47·2	125·0	44·1	9	8	10	10	10
19	54·0	51·4	54·6	51·1	56·0	50·0	52·7	50·9	54·8	50·2	51·2	47·8	49·0	46·9	56·1	48·9	89·0	51·1	9	10	10	8	6
20	53·2	48·8	53·8	49·4	55·7	50·0	59·9	52·9	63·9	55·8	52·7	48·5	50·7	47·6	63·9	48·2	125·6	44·9	10	10	10	10	5
21	53·9	50·7	53·8	50·6	55·7	52·5	55·6	52·6	55·5	53·2	55·1	54·6	55·8	54·1	56·3	46·3	84·1	43·3	10	10	10	10	9
22	56·8	53·2	56·9	52·3	58·5	54·9	56·1	53·9	58·7	53·2	54·8	52·0	54·2	50·9	58·9	51·0	93·9	47·5	10	10	10	10	10
23	57·7	51·9	60·2	54·0	62·0	55·5	63·7	56·3	67·0	58·1	57·2	53·7	55·3	52·2	68·0	51·7	123·9	50·2	9	4	9	2	2
24	53·7	52·3	54·5	52·7	–	–	62·9	57·3	–	–	55·7	52·1	53·1	50·5	64·5	45·0	120·8	38·4	10	8	4	4	3
25	58·5	53·9	60·5	55·8	64·1	56·1	66·7	57·4	69·0	59·8	59·0	54·1	56·8	53·6	69·6	46·7	132·1	38·7	6	8	9	7	8
26	61·7	56·2	63·7	57·7	63·2	60·9	70·2	61·2	70·1	60·9	59·9	55·2	58·3	54·3	**73·5**	54·0	136·2	50·6	5	1	6	9	10
27	58·8	55·2	60·7	55·9	61·0	55·8	63·5	57·5	65·8	59·1	57·5	54·7	56·9	54·1	66·8	54·3	128·0	55·1	10	10	7	7	7
28	58·1	54·6	58·9	54·9	64·0	57·9	67·1	60·2	66·9	58·6	58·8	56·1	56·9	54·8	68·1	50·0	123·2	44·3	2	3	1	0	0
29	56·0	54·1	58·4	55·7	64·2	59·3	69·0	62·0	67·9	61·3	60·1	57·0	56·9	54·9	69·9	49·0	123·0	42·2	10	2	1	3	2
30	54·1	53·1	54·2	53·2	57·9	55·1	57·7	55·0	56·1	54·2	56·1	55·7	56·8	56·1	60·3	52·8	126·3	51·5	10	10	10	10	10
31	59·9	56·8	60·6	57·2	–	–	64·5	58·9	–	–	56·0	55·0	56·1	55·2	66·8	55·7	**136·6**	55·8	10	9	8	10	10
MEAN	55·2	51·3	56·2	51·8	–	–	60·0	54·1	–	–	54·6	51·5	53·3	50·7	62·1	48·9	117·6	45·8	8·2	7·7	7·4	7·2	6·9

STEVENSON SCREEN. AUGUST 1892.

	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.									
1	58·7	54·9	58·1	55·9	60·9	57·3	61·4	56·3	60·2	55·3	54·2	52·5	54·7	52·9	64·3	54·0	125·0	53·1	10	10	9	9	7
2	57·9	53·2	60·2	55·1	62·0	55·8	62·7	56·2	59·2	54·9	56·8	54·6	56·6	54·3	64·0	52·0	125·8	47·8	4	2	9	10	10
3	54·7	51·7	55·6	52·2	56·9	53·1	59·3	54·1	58·3	52·0	52·2	46·9	50·7	44·9	61·3	51·9	131·1	50·5	10	10	8	6	5
4	53·9	[47·7]	55·2	47·9	57·8	48·8	57·2	49·5	58·3	50·2	52·9	49·9	52·2	50·2	61·3	43·9	130·0	35·0	8	7	10	10	10
5	55·6	54·2	55·3	54·6	55·7	54·9	58·8	55·0	56·7	54·7	53·9	52·2	53·2	50·9	59·8	51·3	112·8	50·2	10	10	9	10	10
6	53·8	50·1	54·1	49·9	54·7	50·9	56·1	51·9	57·2	51·2	52·2	47·9	51·9	48·2	59·0	49·8	121·0	47·2	10	9	10	4	4
7	54·9	50·8	56·6	51·6	–	–	62·3	54·3	–	–	52·8	50·0	52·7	50·2	62·8	51·0	**131·4**	46·4	9	8	7	8	8
8	51·9	48·7	51·5	49·3	51·9	50·0	52·2	49·6	54·9	51·3	51·0	[48·0]	47·1	45·4	[56·0]	[46·8]	125·7	46·2	10	10	10	9	3
9	50·9	44·2	51·6	44·9	55·7	47·8	58·6	49·1	60·2	51·2	51·2	47·6	50·5	47·2	62·8	45·2	118·8	40·6	9	6	3	1	4
10	52·7	49·1	55·0	50·2	58·8	52·8	58·8	53·1	58·2	54·2	54·7	51·3	55·2	51·6	59·3	39·2	123·3	31·6	5	6	9	9	10
11	56·0	55·0	55·9	54·9	56·2	55·6	57·9	56·9	58·7	57·2	55·2	54·9	55·2	54·9	58·8	53·0	98·9	51·3	10	10	10	10	10
12	58·3	56·2	59·1	56·5	61·7	57·6	61·2	56·7	63·4	55·8	58·2	57·1	57·9	56·8	64·9	54·5	111·3	53·7	10	10	9	10	10
13	56·2	55·2	57·2	56·0	60·7	57·1	59·9	56·7	59·6	56·0	55·1	53·8	54·4	53·3	61·9	54·0	121·0	54·8	9	10	10	10	10
14	55·9	54·0	55·7	54·3	–	–	56·9	55·8	–	–	54·9	54·0	55·8	54·6	59·8	54·2	108·9	53·1	10	10	10	10	10
15	55·0	52·1	56·1	52·2	57·7	52·0	55·6	52·9	56·1	53·0	56·1	51·2	55·9	51·7	58·5	52·5	99·3	51·0	10	9	9	7	8
16	55·7	53·7	57·4	54·7	60·3	56·8	58·7	56·2	60·6	56·0	55·7	54·2	55·7	54·6	61·1	52·5	120·4	48·0	8	9	10	9	8
17	56·2	54·1	57·2	54·6	57·9	54·0	62·8	53·8	62·7	54·2	52·0	49·7	50·9	48·9	65·8	49·5	123·7	45·2	3	6	3	5	7
18	51·8	50·8	52·9	51·9	55·2	53·9	56·7	54·4	56·8	52·9	53·5	52·0	53·1	52·0	56·9	48·1	69·7	45·9	10	10	10	10	10
19	55·0	53·0	56·9	54·1	57·6	53·9	60·8	54·9	58·8	52·8	50·9	48·3	49·2	47·2	[63·0]	45·0	124·4	46·9	7	7	9	2	1
20	52·2	49·9	56·0	52·2	59·9	55·0	62·2	56·2	64·2	56·0	58·9	57·4	59·0	57·6	66·0	40·9	111·7	34·2	9	10	9	10	10
21	61·2	60·5	62·1	61·1	–	–	65·5	62·3	–	–	62·5	59·8	62·3	59·9	66·4	58·1	123·0	57·2	10	10	7	10	9
22	62·9	60·2	62·2	59·8	59·7	59·0	60·1	59·1	63·0	60·6	59·4	56·0	58·1	56·1	63·3	58·0	89·2	57·1	10	10	10	10	10
23	61·9	58·3	65·5	60·0	67·6	61·6	66·0	60·8	67·1	59·9	57·2	55·9	57·1	56·0	**69·0**	55·2	124·2	50·9	3	4	9	1	10
24	56·0	55·6	56·9	56·2	58·8	57·6	59·2	58·0	57·1	56·7	54·7	53·1	54·0	52·9	60·0	54·0	86·5	51·3	10	10	10	10	10
25	56·0	50·8	55·7	51·1	53·1	51·2	55·1	53·5	56·4	54·7	53·9	51·0	52·9	49·0	57·7	51·9	104·0	–	10	10	10	10	6
26	56·7	50·2	56·7	49·8	58·9	51·1	53·5	51·8	54·9	53·9	52·8	47·9	51·9	48·2	59·0	50·0	118·0	47·4	6	10	10	9	10
27	52·1	50·3	53·6	51·4	56·4	52·5	57·0	51·8	56·9	52·0	52·1	48·8	52·1	49·1	58·2	49·4	120·1	46·1	10	10	8	8	10
28	52·7	48·8	52·1	48·6	–	–	54·8	48·9	–	–	47·8	44·8	45·8	43·3	57·8	46·9	121·1	44·0	9	7	6	1	1
29	49·0	46·0	55·8	49·0	58·9	49·6	59·7	49·8	55·9	46·8	49·9	46·6	50·6	47·0	61·7	**35·3**	119·0	**29·0**	0	0	10	10	10
30	52·8	50·8	55·9	52·2	53·9	52·0	54·1	52·1	53·3	51·8	52·0	50·8	51·8	50·4	56·3	49·6	81·1	47·3	10	10	10	10	10
31	52·7	50·2	53·2	50·9	54·0	51·8	56·0	51·9	54·6	52·4	[52·2]	[49·7]	[51·9]	[48·8]	56·1	50·0	75·3	44·0	10	10	10	10	10
MEAN	55·2	52·3	56·4	53·0	–	–	58·7	54·3	–	–	54·1	51·5	53·6	51·2	61·1	49·9	112·8	[46·9]	8·4	8·4	8·8	8·0	7·8

STEVENSON SCREEN. TEMPERATURE AND AMOUNT OF CLOUD. SEPTEMBER 1892.

	Temperature—Dry and Wet Bulbs.														Max.	Min.	Black Bulb.	Radn. Min.	Amount of Cloud, 0 to 10.				
	9h		10h		12h		14h		16h		21h		22h						9h	10h	14h	21h	22h
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.									
1	[49·2]	[48·3]	51·2	50·7	54·0	51·8	54·3	52·1	53·9	51·5	49·9	[47·7]	48·8	46·7	56·9	[48·0]	105·3	44·3	10	10	10	10	3
2	53·1	49·1	48·9	46·2	47·8	44·2	52·0	47·8	53·7	48·8	45·1	43·5	47·1	44·9	55·0	44·8	108·8	41·0	9	9	5	3	5
3	49·7	45·9	49·8	46·8	54·3	47·8	53·0	47·9	53·0	47·4	51·7	45·8	51·1	45·9	55·0	45·0	81·0	40·0	10	10	10	4	6
4	49·1	44·7	49·9	45·1	–	–	52·2	45·7	–	–	43·8	41·1	44·7	41·9	58·5	42·9	120·0	40·3	9	8	6	6	9
5	51·1	47·7	50·9	48·0	50·9	49·9	55·0	52·1	54·6	52·8	53·0	52·8	53·6	53·0	56·0	43·2	75·9	44·1	10	10	10	10	10
6	54·9	52·3	56·8	54·2	59·5	55·8	58·8	53·9	59·3	52·9	51·1	48·9	51·9	49·5	61·0	50·0	114·7	47·9	4	2	7	10	10
7	54·1	51·2	50·2	48·7	50·8	46·9	51·8	48·0	53·8	49·2	45·9	43·9	46·3	44·9	56·2	45·0	101·8	45·9	10	10	10	2	1
8	51·9	48·9	54·0	50·8	57·0	51·8	57·4	50·2	57·9	51·1	52·9	48·0	52·8	48·9	60·0	42·6	**124·3**	37·2	1	7	5	10	10
9	53·3	52·8	55·8	52·3	57·7	52·2	57·7	51·8	57·0	53·1	54·0	53·6	55·2	52·7	58·2	51·0	87.3	49·8	10	10	10	10	7
10	53·1	49·3	53·8	49·1	55·2	49·0	55·9	47·9	55·4	49·1	49·9	46·6	51·0	47·7	58·5	48·2	113·8	44·0	6	7	7	9	10
11	52·3	50·7	52·8	51·0	–	–	56·6	52·8	–	–	52·2	50·6	51·2	49·9	58·7	48·9	123·0	47·7	10	10	10	10	9
12	52·3	50·3	52·7	50·8	52·9	52·0	51·0	50·8	51·5	50·8	51·1	50·1	50·9	50·1	53·0	50·2	64·2	47·3	10	10	10	10	10
13	50·9	49·7	52·1	49·0	55·2	48·6	56·1	48·1	–	–	45·9	43·7	46·0	43·9	57·8	45·1	117·2	49·3	10	9	4	1	2
14	50·9	49·0	51·8	49·8	52·1	50·7	52·2	50·6	52·0	50·7	53·9	52·6	53·8	52·4	54·0	44·4	72·2	40·2	10	10	10	10	10
15	55·9	52·5	54·8	52·9	55·4	52·6	57·8	52·2	55·8	51·4	55·8	52·7	56·6	51·9	58·0	50·9	74·7	50·2	10	10	10	10	10
16	51·8	47·3	51·2	48·1	51·8	49·1	50·3	48·1	48·9	47·1	48·9	45·8	48·8	44·8	57·4	[48·0]	96·0	47·0	9	10	10	10	10
17	48·9	44·8	49·7	44·9	51·0	48·0	51·2	48·0	50·2	47·8	52·0	49·4	51·1	49·3	53·6	[41·2]	84·0	34·9	9	10	10	10	10
18	53·8	52·7	53·1	52·9	–	–	55·8	55·1	–	–	52·2	51·9	52·9	51·9	56·2	51·0	72·0	49·2	10	10	10	10	10
19	53·8	51·1	53·9	51·0	55·6	51·0	53·4	49·6	52·2	47·0	47·9	44·8	47·1	43·8	57·9	47·0	109·2	50·0	7	8	6	10	9
20	49·0	44·7	51·2	45·7	53·2	47·7	53·8	47·1	54·8	53·2	46·9	43·4	45·7	41·9	56·2	44·5	107·8	43·7	8	6	7	0	0
21	[41·5]	[39·2]	44·8	41·8	53·0	48·0	56·8	49·8	58·9	50·7	44·0	42·8	42·7	41·7	**61·8**	**33·0**	114·2	**26·0**	0	0	0	0	0
22	40·8	39·2	46·8	42·9	53·9	47·9	55·8	48·8	56·8	49·2	42·0	40·6	41·1	39·3	57·1	35·1	109·9	28·2	0	0	0	0	0
23	46·2	44·1	48·9	46·1	48·4	47·6	49·8	48·9	55·9	52·1	54·1	52·7	54·6	52·7	57·0	36·1	78·2	27·7	10	10	10	10	10
24	47·2	43·8	47·0	44·9	48·4	44·6	50·0	46·6	49·7	46·8	51·2	49·8	51·1	50·2	54·4	43·7	96·0	40·2	7	9	10	10	10
25	50·4	47·8	50·9	47·7	–	–	51·1	47·4	–	–	49·5	45·9	46·8	43·7	55·0	47·1	94·2	47·4	10	10	7	1	2
26	52·2	49·3	53·4	50·0	51·8	48·5	51·8	50·2	54·8	52·1	56·9	53·5	56·9	53·9	58·0	46·0	65·8	41·0	10	10	10	10	10
27	47·7	46·9	49·5	47·5	50·8	46·9	46·9	44·7	49·9	46·0	46·1	44·1	46·3	43·7	57·0	42·6	106·7	46·1	10	10	10	10	10
28	44·9	41·2	45·7	42·6	47·1	42·9	46·1	43·6	44·7	42·6	44·7	42·6	43·8	42·1	50·3	40·1	105·8	37·9	7	8	8	10	10
29	44·9	43·1	46·2	44·8	48·7	45·2	46·2	44·7	46·8	44·0	41·7	40·6	42·9	41·9	51·3	42·0	105·6	43·3	10	9	10	10	10
30	41·9	40·7	44·8	42·6	47·1	44·0	48·7	45·9	49·4	45·7	44·6	42·7	44·8	42·2	50·9	38·7	70·8	31·7	5	9	10	10	10
MEAN	50·0	47·3	50·8	48·0	–	–	53·0	49·0	–	–	49·3	47·1	49·3	46·9	56·4	44·5	96·7	42·1	8·0	8·4	8·1	7·5	7·4

STEVENSON SCREEN. OCTOBER 1892.

	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.									
1	42·7	41·5	44·9	42·2	45·9	43·3	47·2	44·2	47·9	44·8	44·7	42·1	44·7	42·1	[50·4]	[39·8]	92·4	33·1	10	6	10	7	4
2	46·0	44·7	47·2	45·3	–	–	45·9	45·5	–	–	40·7	39·7	40·0	39·2	48·2	40·0	58·8	34·9	10	10	10	5	2
3	44·0	42·8	45·2	43·7	46·7	44·9	50·2	47·6	51·0	48·1	49·3	47·9	49·0	47·8	51·1	36·4	71·1	30·3	10	10	10	10	10
4	48·7	48·3	49·3	49·1	51·8	50·8	49·7	47·9	51·9	50·3	47·1	45·2	46·3	45·0	52·3	46·2	77·2	46·0	10	10	10	4	3
5	45·2	43·7	46·7	44·7	47·6	45·6	46·7	45·0	48·3	45·0	48·7	45·6	49·1	45·9	49·7	41·2	54·3	32·3	8	10	10	9	10
6	49·0	47·2	48·7	46·9	49·0	47·3	49·8	48·1	51·1	46·8	47·9	44·7	47·4	44·6	51·8	46·3	91·2	43·4	10	10	10	10	10
7	48·9	45·1	49·1	45·7	50·4	45·5	50·2	45·8	50·4	44·8	47·1	43·2	45·9	42·9	51·0	45·0	56·2	42·0	9	10	10	10	7
8	42·7	39·9	43·1	40·2	45·6	41·1	45·7	40·7	44·7	40·1	43·2	41·7	44·7	43·6	47·5	41·0	99·3	38·5	10	8	9	10	10
9	44·7	42·9	45·1	43·4	–	–	43·9	41·9	–	–	46·9	44·9	49·2	45·2	49·4	41·0	66·1	38·5	10	10	10	10	9
10	45·9	41·9	46·7	42·9	48·8	43·0	48·2	43·2	48·6	43·6	45·2	42·3	45·2	42·3	49·4	44·0	85·7	37·8	8	8	4	8	7
11	45·1	43·2	46·2	44·0	48·9	45·7	48·9	45·0	48·1	44·7	43·2	41·6	43·9	41·6	50·9	41·0	94·4	35·5	9	9	9	4	9
12	42·1	39·6	43·7	40·1	46·9	41·8	48·8	43·9	47·8	44·5	44·9	43·8	44·8	43·1	50·0	36·1	97·7	29·8	7	1	4	10	7
13	45·9	42·1	46·6	43·0	47·1	43·2	48·7	44·5	47·0	44·0	46·0	44·9	46·7	44·9	49·0	41·2	69·3	35·4	10	10	10	8	9
14	47·0	44·6	48·9	45·6	52·1	45·9	54·3	46·4	53·3	46·9	47·2	43·0	48·0	43·8	**54·8**	43·4	104·2	39·0	6	6	6	6	4
15	46·7	41·1	48·2	42·6	48·9	42·9	47·4	43·5	46·0	42·8	42·3	40·1	41·6	39·7	50·5	40·7	**104·5**	40·0	8	8	4	4	3
16	42·2	39·0	43·0	38·3	–	–	45·2	38·9	–	–	40·1	36·8	39·7	36·9	46·3	37·5	104·4	32·2	6	7	7	9	9
17	35·2	33·2	37·0	34·8	43·1	38·2	43·5	38·2	43·3	38·9	40·0	37·6	38·2	36·2	46·0	32·4	94·7	25·1	5	6	6	8	4
18	34·2	32·1	39·8	36·6	43·4	39·8	44·9	39·9	44·1	39·9	40·8	38·5	39·1	36·8	49·1	30·0	89·8	21·5	3	2	9	6	8
19	48·0	44·1	47·7	43·6	48·5	44·2	49·1	44·9	48·7	43·9	41·0	38·8	42·0	39·7	50·2	38·3	87·0	36·7	9	7	8	1	9
20	41·5	40·9	42·1	41·5	44·2	42·8	46·7	43·6	46·2	43·0	42·4	40·6	41·9	40·3	48·9	39·6	80·2	38·4	10	10	10	10	10
21	[37·7]	[36·7]	41·2	38·9	42·9	38·9	43·1	39·0	42·9	38·9	42·2	37·9	41·6	37·3	45·7	36·0	86·0	31·2	8	7	9	8	8
22	38·9	35·6	36·8	35·0	41·1	38·0	40·7	36·7	38·5	35·3	37·6	34·4	38·6	35·1	47·8	33·3	87·4	24·7	10	10	10	4	5
23	38·0	33·7	41·7	35·9	–	–	42·1	36·3	–	–	37·8	[36·5]	37·2	35·9	43·9	33·3	86·1	24·7	6	7	10	10	10
24	31·0	30·0	36·5	33·8	41·1	37·0	41·0	36·3	39·7	35·9	29·6	27·9	27·8	26·8	46·4	27·3	95·0	20·2	2	0	6	0	0
25	24·7	23·9	27·9	26·5	35·4	31·8	38·6	33·8	40·9	36·5	28·9	27·8	27·8	26·9	43·3	**22·0**	84·7	14·0	0	0	0	0	0
26	28·0	27·3	30·2	28·8	38·7	35·8	40·1	36·9	39·8	36·0	44·0	38·3	43·6	37·2	44·1	24·5	87·0	**13·9**	3	3	1	10	10
27	46·4	[42·5]	45·7	43·4	44·3	43·4	44·1	43·7	44·4	43·7	46·2	45·3	46·2	45·7	48·1	37·9	48·0	36·2	10	10	10	10	10
28	50·9	50·0	50·8	50·0	52·2	51·4	51·9	51·2	52·0	51·1	51·9	50·9	49·8	49·2	52·4	45·3	59·2	44·6	10	10	10	10	10
29	49·1	48·9	49·9	49·6	50·2	49·9	52·2	50·1	50·3	47·6	44·3	42·2	44·9	42·2	52·8	43·7	62·6	46·7	10	10	10	5	6
30	45·3	[44·0]	45·5	[43·5]	–	–	46·2	43·2	–	–	45·2	42·6	45·7	42·9	48·0	41·3	90·1	36·9	9	10	10	10	10
31	39·9	38·3	43·9	40·9	46·6	42·6	43·7	43·2	42·6	40·5	41·7	39·8	41·2	39·7	49·0	37·9	89·2	34·3	4	9	9	9	8
MEAN	42·4	40·3	43·9	41·3	–	–	46·4	42·9	–	–	43·2	40·9	43·0	40·7	49·0	38·2	82·4	33·5	7·9	7·5	8·1	7·3	7·1

STEVENSON SCREEN. TEMPERATURE AND AMOUNT OF CLOUD. NOVEMBER 1892.

	Temperature—Dry and Wet Bulbs.														Max.	Min.	Black Bulb.	Radn. Min.	Amount of Cloud, 0 to 10.				
	9h		10h		12h		14h		16h		21h		22h						9h	10h	14h	21h	22h
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.									
1	36·9	36·0	37·1	36·2	39·8	38·1	42·3	40·6	42·3	40·1	39·5	36·9	38·9	37·0	44·0	34·0	69·5	30·2	8	6	8	6	7
2	43·9	39·4	44·1	39·7	45·9	39·9	44·3	40·5	44·1	41·1	46·8	42·7	46·0	43·0	47·2	33·0	67·0	28·5	9	10	10	7	6
3	46·5	44·7	46·8	45·1	47·6	46·7	49·8	47·3	49·7	46·9	49·8	45·2	46·0	43·2	51·1	42·0	60·0	33·0	10	10	10	4	7
4	52·9	49·6	53·8	49·7	54·0	47·9	54·7	49·9	54·8	48·7	54·1	48·0	52·1	48·1	**55·1**	43·2	87·2	37·2	10	10	7	7	7
5	52·6	48·2	49·3	47·2	51·3	47·9	52·0	47·8	51·1	47·0	47·2	46·5	49·3	46·6	54·3	47·2	86·9	46·6	10	10	7	9	8
6	45·4	44·2	46·1	44·8	–	–	48·0	46·1	–	–	41·7	40·5	41·5	40·4	50·0	40·8	84·2	40·8	10	9	6	1	8
7	42·1	41·7	44·0	43·6	47·4	44·9	48·2	45·1	48·7	44·8	48·8	43·9	48·8	44·7	49·2	40·1	81·0	38·0	9	8	10	10	10
8	51·0	47·8	51·8	48·0	49·9	48·6	50·2	48·9	50·0	49·6	52·9	50·9	51·1	50·1	53·2	44·2	55·0	44·5	10	10	10	10	10
9	51·0	50·3	47·9	47·0	48·2	46·9	48·5	47·1	46·9	44·0	46·8	44·4	46·2	44·7	52·0	42·2	55·0	49·9	10	10	10	9	10
10	47·9	44·7	47·9	44·8	48·9	45·2	49·4	45·9	48·7	45·9	47·1	45·6	48·1	45·0	49·1	44·2	56·0	42·3	10	10	10	10	10
11	49·6	46·3	52·0	48·0	53·7	47·6	52·8	49·0	53·4	47·9	51·9	47·9	52·5	47·9	55·0	44·6	**88·6**	41·8	7	8	8	7	8
12	51·9	47·3	50·6	47·5	54·9	48·4	52·1	46·9	51·3	45·6	50·9	47·8	50·6	47·8	55·0	48·2	76·8	48·3	9	9	8	10	10
13	42·8	41·1	43·2	41·6	–	–	44·8	43·0	–	–	41·6	40·1	41·9	40·8	50·9	40·8	55·7	36·8	10	9	10	2	3
14	47·0	42·0	47·8	42·5	45·9	42·7	47·3	44·4	47·9	45·9	54·2	51·7	53·3	51·6	54·7	35·0	54·0	30·3	10	10	10	10	10
15	48·7	45·9	47·8	44·5	47·7	44·0	46·9	43·9	44·6	41·9	39·1	37·8	38·8	37·6	[53·9]	38·3	81·0	46·2	7	7	8	1	1
16	39·7	38·8	39·7	38·9	43·1	42·0	43·9	42·6	42·8	41·7	42·2	40·9	39·9	38·7	44·0	36·1	52·8	27·5	10	9	7	1	2
17	41·9	39·1	44·7	41·1	49·5	43·8	49·2	43·7	48·9	43·9	49·0	44·7	49·0	44·1	50·0	38·2	77·5	34·2	8	7	8	9	9
18	47·8	43·5	46·8	43·3	48·4	44·2	48·4	44·8	46·8	43·8	46·1	42·8	46·0	38·3	50·0	43·0	53·0	42·8	10	10	10	7	2
19	38·9	35·9	38·8	35·9	46·1	40·9	46·3	41·8	44·8	41·9	42·6	40·0	42·5	40·2	47·0	36·0	61·8	26·0	6	7	10	10	10
20	44·3	41·9	46·0	42·8	–	–	48·9	44·2	–	–	49·9	44·9	49·0	44·0	50·0	40·0	59·0	38·1	10	8	10	4	3
21	46·9	41·9	46·8	42·0	48·3	42·7	47·8	42·8	46·9	41·9	44·7	40·9	45·9	41·2	50·0	40·0	81·1	36·0	6	8	7	1	1
22	42·7	39·3	41·7	39·1	46·2	41·8	47·8	42·6	44·9	40·8	39·9	37·8	38·9	36·5	48·2	36·3	75·0	28·8	2	4	0	0	0
23	33·6	32·7	33·6	32·7	38·0	36·6	38·5	36·1	35·9	33·9	30·9	30·1	30·3	29·9	40·3	30·1	67·6	23·3	0	0	1	0	0
24	34·9	33·9	35·9	34·8	37·8	35·9	39·1	37·6	38·8	36·9	34·3	32·8	33·7	32·4	39·2	**28·9**	61·6	**19·8**	9	9	9	0	0
25	41·1	36·9	41·9	36·9	42·7	37·8	43·6	38·3	42·9	38·0	44·7	40·8	43·9	40·9	45·8	[33·0]	72·0	23·7	4	4	6	10	10
26	43·8	41·8	42·8	40·9	43·0	41·7	43·8	42·5	43·6	42·3	44·2	43·6	44·7	43·9	46·2	40·4	54·7	40·0	10	10	7	10	10
27	49·8	48·7	49·8	48·8	–	–	50·2	49·7	–	–	49·9	49·0	49·9	48·9	50·8	43·0	54·1	43·2	10	10	10	10	10
28	50·6	49·3	50·9	49·7	50·9	49·9	51·6	50·1	50·8	50·1	51·0	50·2	48·7	47·6	52·1	[48·3]	52·4	47·7	10	10	10	10	8
29	38·9	37·0	41·3	37·1	38·7	36·9	40·2	36·9	38·9	36·9	37·1	32·9	34·1	33·0	49·0	33·5	50·9	34·3	6	6	10	2	6
30	36·1	32·8	37·8	33·5	38·7	34·5	35·1	33·9	35·0	34·2	35·9	34·3	34·7	33·3	39·8	32·1	64·4	31·3	5	4	7	10	7
MEAN	44·7	42·1	45·0	42·2	–	–	46·9	43·8	–	–	45·2	42·5	44·5	42·0	49·2	39·2	66·5	36·4	8·2	8·1	8·1	6·2	6·4

STEVENSON SCREEN. DECEMBER 1892.

	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.									
1	31·8	[31·2]	30·9	30·3	31·9	31·1	31·8	30·3	29·3	28·2	24·1	22·9	24·4	23·9	35·9	23·0	65·0	26·7	4	1	5	1	5
2	22·9	22·2	22·6	21·9	25·9	24·6	24·3	23·1	22·6	21·6	27·0	25·3	27·1	25·9	28·9	21·0	**65·9**	15·3	0	0	2	7	9
3	40·1	38·9	40·8	39·1	36·1	35·1	37·0	34·1	32·9	32·0	33·1	32·1	34·9	32·0	42·0	22·2	42·2	23·4	10	10	9	10	8
4	31·8	30·8	32·9	30·7	–	–	33·6	31·7	–	–	34·1	30·8	32·7	29·9	35·8	27·3	62·7	23·3	6	7	10	10	10
5	30·9	30·0	32·6	28·8	33·6	29·9	33·9	30·0	32·0	31·9	32·2	31·1	34·2	32·3	34·7	25·8	55·3	26·2	10	3	10	10	10
6	35·9	35·0	38·9	36·9	38·0	36·5	37·6	35·7	36·7	34·7	34·9	32·8	33·0	31·4	39·8	33·1	53·3	32·8	10	10	7	3	3
7	27·9	26·9	28·6	27·4	30·8	29·8	32·1	32·1	31·1	30·9	29·7	29·2	27·9	27·9	33·3	26·7	36·9	20·7	0	10	10	2	0
8	29·9	29·0	30·9	30·2	31·7	30·9	33·1	32·0	33·9	32·9	33·6	32·9	31·9	31·2	34·4	26·2	37·1	26·2	10	10	10	2	2
9	29·5	27·7	28·9	26·5	29·9	27·9	30·1	27·9	31·2	28·8	27·3	26·0	25·1	24·1	37·0	24·6	48·8	23·7	3	3	7	5	0
10	35·3	34·7	36·2	35·5	37·8	36·9	40·9	40·5	44·5	42·3	42·9	40·8	43·1	40·8	45·3	23·2	42·0	21·8	10	10	10	6	5
11	40·1	38·7	40·0	39·1	–	–	42·2	39·8	–	–	41·9	39·0	41·6	38·9	43·7	37·9	46·6	34·3	10	10	10	7	7
12	38·8	35·8	38·0	35·2	38·9	35·9	39·9	34·9	38·9	34·6	39·1	35·9	37·7	35·6	42·0	36·9	49·8	34·2	9	7	5	7	4
13	36·8	34·0	35·9	33·3	37·0	34·7	37·1	34·4	34·1	31·8	34·8	33·9	35·7	34·7	39·3	33·3	43·8	28·9	7	7	8	10	10
14	43·8	42·9	42·9	42·7	43·7	42·9	44·7	42·9	45·9	41·6	42·9	41·8	43·1	41·8	45·9	34·9	49·6	33·6	10	10	10	10	8
15	42·2	40·8	42·1	40·9	42·2	40·9	44·3	41·8	45·8	41·8	45·7	40·7	45·8	40·7	47·0	41·2	48·9	39·3	10	10	8	8	5
16	44·7	41·6	42·2	41·5	45·7	44·7	47·8	46·1	46·4	45·9	47·8	47·4	48·5	48·0	49·0	39·1	51·9	36·2	10	10	10	10	10
17	47·9	43·8	48·0	43·9	48·0	44·0	48·7	44·5	47·0	45·1	48·8	48·2	49·0	48·4	50·0	45·1	62·0	42·8	5	6	7	10	10
18	48·9	43·9	47·9	43·8	–	–	47·9	43·2	–	–	47·0	43·4	47·1	43·1	**52·0**	44·3	55·1	44·4	8	7	10	8	8
19	44·1	41·7	44·2	41·8	43·6	42·1	43·5	41·9	41·6	41·1	40·6	40·1	39·8	39·5	47·7	40·0	49·8	41·5	8	10	10	10	10
20	37·7	36·3	37·6	36·3	38·9	37·6	40·7	38·7	42·2	38·6	39·6	38·2	38·9	37·9	42·3	36·8	42·0	36·1	10	9	9	10	10
21	40·0	38·9	40·3	39·4	40·1	39·6	41·7	40·3	40·9	39·8	40·9	40·1	41·8	40·8	42·0	38·0	44·5	37·8	10	10	10	10	10
22	41·4	40·9	41·6	41·1	42·9	42·0	42·7	41·8	39·9	39·2	36·3	35·9	39·9	39·7	43·7	35·9	52·0	40·0	10	10	3	0	0
23	35·9	35·6	35·7	34·7	40·6	36·1	40·0	35·7	39·9	34·8	34·8	31·9	36·8	32·6	41·0	32·7	64·9	23·1	4	2	5	0	0
24	28·1	26·9	28·6	26·8	30·9	28·9	31·9	29·0	30·3	28·3	24·9	23·9	24·8	23·8	38·5	24·2	53·1	16·4	0	1	5	0	0
25	21·2	20·0	21·9	20·9	–	–	26·9	24·1	–	–	21·8	20·3	21·0	19·9	27·0	20·5	50·1	11·9	7	6	1	0	0
26	19·5	18·7	17·9	17·3	23·4	21·4	24·2	22·6	22·7	22·3	22·2	20·8	22·4	20·9	24·2	**17·8**	42·3	**10·5**	0	0	0	0	0
27	21·9	20·9	22·2	20·4	25·1	24·0	29·1	27·8	29·1	27·9	24·8	24·2	24·0	23·4	31·8	19·2	44·3	11·3	5	6	5	4	5
28	31·9	31·6	34·2	32·1	38·7	35·9	38·9	36·4	40·1	37·3	39·9	37·7	39·3	36·9	40·6	22·9	42·0	16·8	9	10	10	10	9
29	41·3	36·9	41·9	37·0	42·2	37·8	42·0	38·4	42·4	37·9	42·2	39·3	41·8	39·1	43·0	32·3	45·2	30·9	7	7	7	10	10
30	36·1	34·8	37·8	35·2	37·7	36·1	38·0	36·7	37·0	35·9	35·8	33·2	35·9	33·2	42·9	34·1	44·2	31·1	10	7	10	10	10
31	33·1	29·5	35·2	30·7	33·8	30·8	37·2	32·9	38·9	33·8	38·1	33·0	38·0	33·0	39·3	30·0	42·5	22·0	5	2	2	4	4
MEAN	35·2	33·6	35·5	33·6	–	–	37·5	35·2	–	–	35·8	33·9	35·7	33·9	40·0	30·7	49·5	27·8	7·0	6·8	7·5	6·3	5·9

Monthly and Annual Mean Values at Ben Nevis Observatory, 4407 feet, and at Fort-William Observatory, 42 feet above Sea Level. 1892.

BAROMETER—BEN NEVIS.

	Mid-night.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
Jan.	5·096	5·091	5·092	5·097	5·094	5·091	5·090	5·091	5·096	5·098	5·098	5·101	5·101	5·095	5·096	5·094	5·095	5·095	5·095	5·100	5·105	5·105	5·100	5·096	5·091	5·096
Feb.	·148	·146	·138	·133	·128	·127	·122	·120	·121	·127	·131	·133	·131	·128	·130	·131	·134	·142	·148	·155	·162	·164	·167	·169	·171	·140
Mar.	·357	·356	·353	·347	·342	·344	·348	·349	·357	·360	·364	·369	·371	·372	·369	·366	·364	·367	·369	·373	·374	·374	·372	·371	·369	·362
Apr.	·402	·397	·394	·389	·384	·386	·390	·394	·399	·400	·405	·407	·409	·409	·404	·398	·394	·394	·391	·389	·390	·391	·390	·389	·387	·395
May	·355	·346	·340	·335	·327	·325	·329	·331	·336	·337	·341	·345	·349	·353	·358	·358	·358	·357	·356	·356	·354	·355	·355	·350	·345	·346
June	·396	·390	·383	·378	·375	·376	·378	·381	·387	·391	·394	·396	·398	·402	·401	·400	·402	·403	·405	·410	·412	·415	·416	·414	·410	·398
July	·479	·473	·466	·459	·455	·453	·454	·455	·459	·461	·461	·468	·473	·482	·483	·482	·480	·479	·479	·479	·480	·483	·482	·481	·476	·471
Aug.	·308	·301	·292	·287	·281	·279	·283	·289	·295	·299	·305	·307	·313	·316	·316	·313	·309	·307	·305	·305	·307	·307	·307	·303	·297	·301
Sept.	·240	·237	·232	·229	·223	·223	·226	·229	·231	·232	·234	·237	·241	·243	·241	·238	·234	·234	·234	·236	·239	·237	·237	·235	·233	·234
Oct.	·143	·136	·134	·127	·123	·126	·130	·133	·141	·143	·145	·148	·152	·153	·151	·153	·151	·153	·159	·159	·160	·160	·160	·156	·154	·146
Nov.	·282	·278	·274	·273	·269	·267	·266	·271	·279	·283	·289	·288	·287	·282	·278	·278	·282	·287	·290	·286	·288	·288	·288	·286	·284	·281
Dec.	·239	·236	·235	·237	·236	·234	·232	·231	·235	·238	·240	·244	·239	·232	·228	·225	·228	·230	·234	·237	·240	·239	·240	·239	·239	·235
Year	5·287	5·282	5·278	5·274	5·270	5·269	5·271	5·273	5·278	5·281	5·284	5·287	5·289	5·289	5·288	5·286	5·286	5·287	5·289	5·290	5·293	5·293	5·293	5·291	5·288	5·284

BAROMETER—FORT-WILLIAM.

Jan.	9·736	9·731	9·735	9·735	9·733	9·729	9·727	9·729	9·733	9·735	9·737	9·736	9·731	9·724	9·724	9·723	9·726	9·725	9·729	9·729	9·734	9·729	9·730	9·726	9·727	9·730
Feb.	·778	·776	·773	·765	·760	·758	·757	·756	·761	·760	·763	·759	·754	·745	·745	·744	·752	·760	·773	·781	·788	·792	·798	·801	·808	·768
Mar.	0·049	0·050	0·047	0·042	0·041	0·040	0·043	0·044	0·051	0·052	0·056	0·056	0·055	0·047	0·041	0·035	0·035	0·032	0·040	0·045	0·053	0·055	0·055	0·057	0·059	0·047
Apr.	·028	·025	·024	·019	·019	·018	·023	·024	·027	·024	·021	·013	·007	9·999	9·994	9·986	9·984	9·982	9·985	9·991	9·999	·005	·009	·011	·013	·008
May	9·927	9·921	9·916	9·908	9·905	9·903	9·909	9·907	·909	9·906	9·904	9·901	9·900	·900	·901	·899	·901	·900	·904	·906	·910	9·916	9·917	9·915	9·912	9·907
June	·938	·934	·933	·928	·930	·930	·936	·938	9·940	·939	·938	·933	·932	·926	·925	·919	·918	·917	·925	·930	·940	·948	·954	·955	·957	·934
July	·995	·994	·991	·985	·982	·982	·985	·987	·988	·987	·986	·984	·984	·979	·977	·972	·969	·936	·970	·973	·980	·986	·991	·992	·989	·982
Aug.	·795	·788	·783	·777	·775	·775	·780	·785	·790	·789	·792	·790	·791	·789	·783	·781	·778	·777	·777	·779	·787	·788	·790	·786	·784	·784
Sept.	·766	·762	·759	·754	·750	·748	·753	·754	·758	·759	·762	·760	·764	·769	·760	·754	·751	·749	·753	·754	·760	·760	·760	·758	·759	·757
Oct.	·719	·715	·711	·703	·701	·699	·702	·708	·717	·719	·721	·720	·721	·717	·717	·717	·718	·723	·732	·736	·740	·741	·739	·736	·733	·720
Nov.	·866	·861	·861	·856	·854	·850	·852	·852	·861	·866	·873	·872	·868	·863	·857	·854	·858	·859	·866	·865	·868	·866	·871	·870	·870	·862
Dec.	·880	·876	·875	·874	·873	·871	·872	·871	·876	·878	·881	·886	·880	·873	·869	·862	·863	·865	·870	·873	·879	·879	·880	·881	·881	·875
Year	9·873	9·869	9·866	9·862	9·860	9·859	9·862	9·863	9·868	9·868	9·870	9·868	9·866	9·860	9·858	9·854	9·854	9·855	9·860	9·864	9·870	9·872	9·874	9·874	9·874	9·865

TEMPERATURE—BEN NEVIS.

Jan.	21·7	21·5	21·3	21·2	21·3	21·2	21·1	21·3	21·3	21·4	21·6	21·9	22·0	22·2	22·0	22·0	21·9	22·3	22·3	22·3	22·2	22·0	22·1	22·1	22·0	21·8
Feb.	22·8	22·6	22·0	22·0	21·9	21·9	21·9	21·8	21·7	22·0	22·7	23·1	23·5	23·8	24·0	23·6	23·2	22·6	22·7	22·7	22·7	22·6	22·4	22·3	22·2	22·6
Mar.	19·6	19·5	19·4	19·4	19·6	19·2	19·2	19·2	19·6	20·4	20·7	20·8	21·2	21·5	21·4	21·4	21·2	21·0	20·6	20·6	20·6	20·5	20·5	20·4	20·3	20·3
Apr.	27·0	26·8	26·7	26·6	26·5	26·3	26·3	27·0	27·3	28·0	28·6	28·7	29·3	30·2	30·0	29·7	29·6	29·0	28·3	27·6	27·4	27·5	27·4	27·2	26·8	27·9
May	32·4	32·4	32·2	31·6	30·9	31·2	31·4	32·1	32·7	33·3	33·6	34·0	34·4	34·5	34·8	34·5	34·3	34·2	33·6	33·0	32·7	32·8	32·7	32·7	32·8	33·0
June	34·9	34·6	34·2	33·9	33·8	33·8	33·9	34·5	35·1	35·2	35·7	36·4	37·0	37·7	38·3	38·3	38·2	37·9	37·7	37·3	36·6	35·9	35·5	35·0	34·7	35·9
July	39·4	39·3	39·0	38·8	38·5	38·5	38·6	39·1	39·6	40·2	40·6	41·3	42·1	42·7	43·1	43·3	43·2	42·9	42·3	41·7	41·1	40·8	40·2	39·9	39·7	40·7
Aug.	38·5	38·4	38·3	38·0	38·0	37·9	37·8	38·1	38·3	38·7	39·4	39·8	40·2	40·4	40·6	40·8	40·6	40·0	39·6	39·2	38·9	38·9	38·6	38·4	38·1	39·1
Sept.	34·8	34·5	34·2	33·9	33·8	33·6	33·6	33·6	33·7	33·9	34·4	34·7	34·7	35·0	35·1	35·2	35·2	35·0	34·6	34·4	34·5	34·4	34·5	34·6	34·6	34·4
Oct.	27·0	27·0	27·0	26·7	26·7	26·6	26·7	26·6	26·9	27·1	27·6	27·7	28·0	28·1	28·1	27·8	27·4	27·1	27·0	26·8	27·0	26·9	27·1	27·0	26·9	27·2
Nov.	29·5	29·1	29·1	29·4	29·4	29·5	29·5	29·5	29·7	29·8	29·9	30·0	30·3	30·4	30·5	30·3	30·1	30·0	30·1	29·7	29·7	29·7	29·5	29·6	29·3	29·8
Dec.	23·9	24·1	24·3	24·2	24·1	23·8	23·8	23·5	23·3	23·4	23·8	24·2	24·3	24·1	23·9	23·5	23·6	23·9	24·0	24·2	24·4	24·3	24·3	24·1	23·9	24·0
Year	29·3	29·2	29·0	28·8	28·7	28·6	28·6	28·9	29·1	29·4	29·9	30·2	30·6	30·9	31·0	30·9	30·7	30·5	30·2	30·0	29·8	29·7	29·6	29·4	29·3	29·7

TEMPERATURE—FORT-WILLIAM.

Jan.	37·7	37·6	37·4	37·7	37·2	37·1	36·9	37·1	36·6	37·1	37·3	37·7	38·2	39·0	38·9	38·6	38·0	37·7	37·8	38·2	37·8	38·0	37·9	37·9	37·9	37·7
Feb.	37·2	37·0	36·7	36·8	36·6	36·2	35·6	36·0	36·0	36·5	37·2	38·3	39·4	40·5	41·0	41·4	40·9	39·9	38·8	37·9	37·5	37·2	36·9	37·0	36·7	37·8
Mar.	34·6	34·2	33·5	33·0	33·1	33·1	32·9	33·1	33·7	35·7	36·6	37·9	39·0	40·3	40·9	41·4	41·1	40·5	39·2	38·0	37·3	36·5	36·0	35·5	34·9	36·6
Apr.	39·9	39·2	38·6	38·2	37·6	37·1	36·9	38·2	40·0	42·5	44·5	46·5	48·0	49·4	49·8	49·9	49·4	48·9	47·9	45·6	43·5	42·6	41·4	40·6	40·0	43·2
May	46·6	46·0	45·6	45·4	45·0	45·2	45·6	47·0	48·2	50·1	51·1	52·3	52·5	52·9	53·8	54·5	54·2	54·1	53·2	52·0	50·0	49·2	48·1	47·5	47·0	49·6
June	50·2	49·6	48·9	48·5	48·1	48·4	49·4	50·7	51·8	53·3	54·2	55·4	55·7	56·6	56·7	57·1	57·4	57·8	56·7	56·3	54·1	52·7	51·5	50·6	50·0	53·0
July	52·4	51·8	51·4	51·1	51·0	51·1	52·0	53·1	54·4	55·7	56·5	57·3	58·2	59·4	60·0	60·8	60·6	60·6	59·7	58·5	56·4	55·1	53·8	53·4	52·6	55·6
Aug.	52·8	52·9	52·7	52·6	52·2	52·0	52·3	52·9	53·9	55·3	56·3	57·1	57·5	58·2	58·7	59·6	59·1	58·7	57·9	56·6	55·1	54·4	53·8	53·3	53·0	55·3
Sept.	49·0	49·0	48·8	48·5	48·1	48·0	47·9	48·2	48·9	49·9	50·6	51·7	52·2	52·9	52·8	53·7	53·3	53·0	52·2	50·8	50·0	49·5	49·3	49·1	48·7	50·3
Oct.	42·5	42·3	42·0	41·7	41·6	41·1	41·1	41·3	41·7	42·5	43·5	44·8	45·6	46·1	46·4	46·6	46·2	45·0	44·3	43·9	43·4	43·2	43·0	42·7	42·5	43·4
Nov.	44·2	44·0	43·8	44·0	43·8	43·8	43·8	44·5	44·2	44·6	44·7	45·6	46·3	46·4	46·7	46·7	46·1	45·6	45·5	45·2	44·9	45·2	44·6	44·5	43·9	44·9
Dec.	35·2	35·4	35·3	35·4	35·1	35·1	35·0	35·2	35·4	35·1	35·3	36·0	36·4	37·0	37·4	37·3	36·8	36·4	36·4	36·2	36·0	35·7	35·4	35·4	35·3	35·8
Year	43·5	43·2	42·9	42·7	42·4	42·4	42·4	43·1	43·7	44·9	45·6	46·7	47·4	48·2	48·6	49·0	48·6	48·2	47·5	46·6	45·5	44·9	44·3	44·0	43·5	45·3

Monthly and Annual Mean Values at Ben Nevis Observatory, 4407 feet, and at Fort-William Observatory, 42 feet above Sea Level. 1892.

WIND FORCE—BEN NEVIS.

	Mid-night.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
Jan.	2·61	2·61	2·60	2·56	2·50	2·31	2·27	2·44	2·29	2·50	2·53	2·61	2·56	2·45	2·37	2·52	2·65	2·79	2·82	2·73	2·42	2·45	2·53	2·52	2·73	2·53
Feb.	2·38	2·24	2·43	2·40	2·45	2·29	2·36	2·45	2·59	2·74	2·48	2·62	2·48	2·34	2·21	1·97	1·95	2·09	2·21	2·16	2·05	2·21	2·17	2·29	2·24	2·31
Mar.	2·29	2·21	2·06	2·21	2·27	2·23	2·24	2·29	2·45	2·47	2·21	2·26	2·23	2·19	1·94	2·14	2·16	2·13	2·31	2·31	2·29	2·37	2·31	2·24	2·37	2·24
Apr.	1·78	1·90	1·77	1·88	1·98	1·68	1·68	1·73	1·50	1·47	1·30	1·50	1·42	1·45	1·43	1·63	1·53	1·57	1·70	1·72	1·80	2·02	1·87	1·88	1·77	1·68
May	2·53	2·47	2·55	2·32	2·34	2·27	2·15	1·90	1·97	2·06	2·26	2·08	2·08	2·00	2·04	1·90	1·94	2·21	2·34	2·31	2·19	2·53	2·66	2·63	2·56	2·23
June	1·87	2·02	2·00	1·95	2·03	1·95	2·12	1·78	1·65	1·53	1·65	1·42	1·55	1·62	1·53	1·63	1·62	1·68	1·70	1·43	1·53	1·77	1·62	1·57	1·77	1·71
July	1·63	1·65	1·87	1·87	2·05	1·84	1·90	1·94	1·77	1·87	1·82	1·66	1·50	1·44	1·58	1·66	1·42	1·39	1·53	1·35	1·45	1·60	1·47	1·61	1·76	1·67
Aug.	2·02	2·16	2·44	2·37	2·19	2·26	2·34	2·39	2·02	1·89	2·03	2·10	1·86	1·87	1·68	1·60	1·71	1·85	1·90	1·65	1·77	1·89	1·85	2·03	1·92	1·99
Sept.	2·22	2·08	2·18	2·05	1·85	1·77	1·82	1·98	2·02	2·00	1·88	1·85	2·03	2·08	2·00	1·98	2·02	1·85	2·03	1·95	1·77	2·10	2·05	2·10	2·23	1·99
Oct.	2·58	2·60	2·52	2·34	2·21	2·02	1·85	2·00	2·08	2·16	2·10	1·94	1·95	1·87	2·02	2·10	1·77	2·40	2·52	2·73	2·90	2·90	2·79	2·85	2·56	2·30
Nov.	3·07	3·00	3·07	2·85	2·95	3·03	3·18	3·25	3·00	2·75	2·70	3·05	2·93	2·97	2·93	2·70	2·65	2·70	2·48	2·83	3·08	3·12	2·87	3·00	3·03	2·92
Dec.	2·55	2·45	2·61	2·26	2·02	2·08	2·21	2·31	2·27	2·16	2·15	2·40	2·27	2·27	2·48	2·19	2·34	2·31	2·26	2·44	2·65	2·76	2·77	2·76	2·76	2·38
Year	2·29	2·28	2·34	2·26	2·24	2·14	2·18	2·20	2·13	2·13	2·09	2·12	2·07	2·05	2·02	2·00	1·98	2·08	2·15	2·13	2·16	2·31	2·25	2·29	2·31	2·16

WIND DIRECTIONS—BEN NEVIS.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
N	167	206	156	163	109	186	178	136	114	388	58	193	2054
NE	120	119	81	115	77	54	37	36	15	111	12	35	812
E	60	75	48	17	39	47	54	58	33	51	50	22	554
SE	67	115	155	123	134	76	94	54	39	35	196	87	1175
S	62	27	67	54	100	58	71	88	84	36	138	129	914
SW	85	22	82	58	142	81	65	127	148	32	128	92	1062
W	81	32	72	89	80	100	85	124	208	34	76	85	1066
NW	74	80	44	46	37	35	72	62	55	19	24	42	590
Calm or Var.	28	20	39	55	26	83	88	59	24	38	38	59	557

HOURS OF SUNSHINE—BEN NEVIS.

	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	Total.	Percentage of Possible.
January	–	–	–	–	–	0·20	0·59	0·12	0·26	2·44	5·02	3·12	0·40	–	–	–	–	–	12·15	5
February	–	–	–	–	1·38	3·98	4·73	4·85	4·74	4·89	5·61	6·82	4·30	1·68	–	–	–	–	42·98	16
March	–	–	0·10	2·81	7·66	8·84	10·43	11·41	11·58	13·16	10·62	9·76	9·07	8·73	1·32	–	–	–	105·49	29
April	–	–	2·37	8·09	10·74	10·32	11·56	12·03	13·04	13·54	10·33	9·11	6·94	8·96	6·13	2·11	–	–	125·27	29
May	–	1·03	4·96	8·22	9·53	8·17	7·47	8·40	10·32	9·51	8·31	7·22	7·36	7·77	7·83	6·91	3·69	–	116·70	23
June	0·86	3·10	5·20	5·40	6·35	7·77	6·25	8·07	6·76	7·59	7·51	5·92	5·78	4·34	6·52	8·09	7·39	0·79	103·69	20
July	0·62	4·91	7·33	7·89	7·46	7·86	8·24	8·48	9·57	11·53	10·51	9·12	9·51	8·42	7·42	6·11	4·78	0·36	130·12	25
August	–	–	0·18	2·00	2·92	4·35	5·62	5·40	2·32	1·98	1·99	2·29	2·34	2·35	1·66	1·26	0·52	–	37·18	8
September	–	–	–	1·28	2·82	2·64	2·05	2·12	3·04	2·56	2·57	3·38	3·21	3·23	2·48	0·04	–	–	31·42	8
October	–	–	–	–	2·96	4·72	5·55	4·94	6·42	5·14	5·93	4·43	2·16	0·80	–	–	–	–	43·05	13
November	–	–	–	–	–	1·88	3·03	3·63	3·78	2·82	1·82	1·98	0·52	–	–	–	–	–	19·46	8
December	–	–	–	–	–	0·75	4·69	6·66	6·74	6·89	5·53	3·80	–	–	–	–	–	–	35·06	17
Year	1·48	9·04	20·14	35·69	51·82	61·48	70·21	76·11	78·57	82·05	75·75	66·95	51·59	46·28	33·36	24·52	16·38	1·15	802·57	

HOURS OF SUNSHINE—FORT-WILLIAM.

January	–	–	–	–	–	–	–	0·58	4·90	6·90	7·06	4·58	0·18	–	–	–	–	–	24·20	16
February	–	–	–	–	–	0·67	4·76	8·68	9·46	9·43	10·10	12·74	8·13	1·33	–	–	–	–	65·30	31
March	–	–	–	–	3·26	12·16	14·33	14·58	15·62	17·81	15·79	16·94	14·59	9·16	1·40	–	–	–	135·64	45
April	–	–	0·70	6·45	13·54	18·08	18·67	18·20	19·64	19·11	17·70	13·93	12·48	11·91	7·80	0·21	–	–	178·42	49
May	–	0·08	5·18	11·30	12·04	14·14	12·79	12·99	13·82	12·84	13·14	13·41	13·88	13·54	12·72	6·25	0·10	–	168·22	37
June	–	1·56	5·40	8·18	10·61	11·01	12·83	12·51	12·26	10·64	10·02	11·56	12·85	13·74	12·61	10·42	3·51	–	159·71	34
July	–	0·07	5·13	7·71	7·64	8·52	11·25	11·22	12·07	12·33	14·12	16·24	15·69	14·72	12·83	9·03	1·13	–	159·70	34
August	–	–	0·41	3·33	5·56	7·06	8·65	10·18	9·09	8·47	7·87	10·34	8·97	8·87	5·79	1·60	–	–	96·19	21
September	–	–	–	0·12	5·10	5·74	4·93	7·15	8·17	9·58	8·35	7·75	8·65	6·79	1·82	–	–	–	74·15	26
October	–	–	–	–	–	3·58	9·33	12·70	12·18	11·84	8·69	7·78	7·38	0·99	–	–	–	–	74·47	29
November	–	–	–	–	–	–	0·45	5·29	6·76	4·60	5·78	1·70	0·06	–	–	–	–	–	24·64	15
December	–	–	–	–	–	–	–	1·25	6·41	6·41	3·59	1·46	–	–	–	–	–	–	19·12	16
Year	–	1·71	16·82	37·09	57·75	80·96	97·99	115·33	130·38	129·96	122·21	118·43	102·86	81·05	54·97	27·51	4·74	–	1179·76	

BEN NEVIS OBSERVATORY.—LOG-BOOK, 1892.

Jan. 1.—Thermometer box shifted at 0^h 25^m. Put one stage higher on ladder stand.

Jan. 2.—Very damp feel in the fog in morning though the temperature was only 25° or 26°.

Jan. 4.—Thermometer box shifted at 9^h 40^m. Height above snow not altered.

Jan. 5.—Mist in morning with temperature about 28°.

Jan. 6.—At 2^h a light was seen to N. through thin fog, possibly auroral.

Jan. 7.—Thermometer box shifted at 12^h 25^m. Height above snow not altered. Top clear from noon to 15^h. No fog in valleys, but cum.-fog on hills especially to W., very clear to E.

Jan. 9.—Top clear at times during the day, but fog on hills round and passing over Ben Nevis also at times.

Jan. 10.—Sky clear after 18^h but fog and scud blowing over. Lunar corona seen all night. Thermometer box shifted at 19^h 20^m. Height above snow not altered.

Jan. 11.—Fog among hills to W. and N. in early morning. At 12^h and at 14^h there was mist though the temperatures were 18°·9 and 20°·7 respectively.

Jan. 12.—Thermometer box shifted at 10^h 15^m. Height above snow not altered. From 9^h to 14^h the wet bulb read almost constantly higher than the dry as there was thin fog blowing over. Glory and fog-bow seen at 10^h; faint inner fog-bow. Top clear and air dry from 14^h onwards, no fog in valleys. Lunar corona at 19^h, and faint lunar halo at 20^h and 23^h. Streaks of cirrus all evening lying W.S.W. to E.N.E., motion apparently from W. There are wreaths of snow about 15 feet deep lying between hotel and first gorge; the snow is up to the top of the post at first gorge.

Jan. 13.—Air very dry till 4^h after which detached fog formed over hills round and from 6^h onwards covered Ben Nevis also. Fog-crystals in morning brown in colour.

Jan. 15.—Thermometer box shifted at 4^h 17^m. Height above snow not altered. Top clear, and sky cloudless except for a little cirrus from 4^h to 13^h, but haze and detached fog in valleys. Fog all afternoon, but sky apparently clear above.

Jan. 16.—Strong E.S.E. wind all day rising to strong gale at night. Sky clear, but fog blowing over the hill most of the day, lunar corona seen frequently on this fog and scud, haze and detached cum.-fog among hills round when visible.

Jan. 17.—While taking the 5^h reading the door of thermometer box was blown off its hinges. The box was tied up to keep the door on, and was not read again till 9^h when the hinge was mended. The tower thermometer readings were used to fill the gap and were also used at 23^h and midnight.

Jan. 18.—Tower thermometer used at 1^h, 2^h, and 3^h. The 15^h reading was not taken till 15^h 10^m as both Mr Omond and Mr Drysdale went down to the plateau of storms to meet Mr Miller. No corrections applied to readings. Very thick fog all day.

Jan. 19.—Top cleared at 14^h and was clear at intervals all afternoon. Fog over the hills below, and a little cirrus on sky. Thermometer box shifted at 14^h 15^m. Height above snow not altered.

Jan. 22.—At 4^h, 5^h, and 6^h there was distinct mist not fog, though the temperature was only about 24°. The moon was dimly visible through it. Thermometer box shifted at 13^h 15^m. Height above snow not altered.

Jan. 23.—Lunar corona seen at 5^h. Thermometer box shifted at 13^h 15^m. Height above snow not altered. At 16^h the temperature rose above 32° for the first time this month and rain fell for 3 hours. The snow that followed was hard and icy, showers of similar icy snow fell on the 24th and 25th.

Jan. 26.—Top clear 14^h to 17^h, but detached fog among hills, thickest to S. The top joint was put on ladder stand No. 2 after 15^h. From 15^h 10^m to 15^h 25^m the thermometer box was dismounted, it was put up in the same position and with the same thermometers as before.

Jan. 27.—The snow that fell in afternoon, after the temperature had fallen and the rain ceased, was small, hard, and dry.

Feb. 2.—During the forenoon the top was deeply covered with soft snow which drifted a good deal. At 18^h the top was free of fog, and it was noticed that the N. wind was blowing the drift from the face of the cliff several hundred feet straight up. By midnight several places near the observatory were blown clear and the old hard surface exposed.

Feb. 3.—Thermometer box shifted at 17^h 25^m. Height above snow not altered. Sky clear in evening occasionally but always thin fog blowing over.

Feb. 5.—Telegraph needle moved by earth-current at 2^h 35^m and again more faintly at 3^h 1^m. Heavy snow all day and some slight drift.

Feb. 7.—The 16^h observation was 4 minutes late, no corrections applied to readings.

Feb. 8.—Sky began to clear above at 20^h and from 21^h onward the top was free of fog. At first there was no fog on hills, but at midnight fog had gathered on those to S. The clearing was accompanied by a rise in the wind-force from 1 or less to 3 or more. Thermometer box shifted at 22^h 27^m. Put one stage higher on ladder stand. It is now on the first step of the upper part of stand.

Feb. 9.—Just at the top of the cloud layer all day. When above it during the night, temperature rose, but in the day temperature went up to 40°·1 even though mist was

on the hill top. When clear the wind was usually stronger than when mist was on.

Feb. 10.—In afternoon one of the rain-gauges was found to be leaky and some observations are lost.

Feb. 13.—Top clear, but detached patches of fog among hills, and sky mostly cloudy till 16^h, fog on summit the rest of the day. Two snow-buntings seen at cliff at 8^h the first this winter.

Feb. 15.—Thin fog till 6^h. Sky cloudy with cirrus and cirro-stratus moving from N.E. till 18^h pretty clear or only cirrus after that. Patches of cum.-fog on hill top round most of the day. Faint solar halo at 11^h. Thermometer box shifted at 9^h 18^m. Height above snow not altered. At 11^h it was found that the hinges of the thermometer box had given way and the door was lying open. It was repaired at once without removing the box.

Feb. 16.—Fog in patches on hills till 4^h and on Ben Nevis also most of the day after that, except for a few breaks in forenoon, during which some sunshine was registered. In a break at 6^h a double lunar coronæ was seen, and at 9^h a solar fog-bow.

Feb. 18.—Fog on hills round and occasionally blowing over Ben Nevis also till 6^h, fog only on hills to E., and no low fog in valleys till 16^h, clear except for a bank of stratus to W. after that. Aurora seen 22^h to midnight. Single arch low down. To-day the snow at the first gorge was measured and found to be overhanging 251 inches.

Feb. 19.—Aurora continued visible till 2^h and was also seen faintly at 21^h and midnight. Sky cloudless except for occasional cirrus all day, but thin fog blowing over the hill top from 6^h to 10^h. No fog in valleys, but patches of cumulus and cum.-fog above and on hills round.

Feb. 20.—Bright meteor seen at W.S.W. horizon at 1^h 3^m, estimated about as bright as Venus. At 14^h a portion of halo seen above sun. Detached fog on hills round most of the forenoon and blowing over Ben Nevis also after 16^h.

Feb. 22.—At 7^h the top was clear occasionally, and the horizon from S. round by W. to N. was brightly coloured. From S. to S.W. the predominant colour was orange, from S.W. to W. reddish-green, from W. to N.W. pale blue, and from N.W. to N. dark blue.

Feb. 23.—Strong S.E. gale most of the day. Top clear 10^h to 15^h but fog on hills frequently blowing over, and dark haze in the valleys. At 16^h the sun gleaming through the fog was occasionally—not always—a bright green.

Feb. 25.—Thermometer box shifted at 7^h 15^m. Height above snow not altered.

Feb. 26.—At 10^h a snow-bunting was seen at the door of observatory.

Feb. 27.—Haze in valleys and round horizon all day. Flat stratus fog on Moor of Rannoch and patches of cum.-fog among the haze in afternoon. Aurora seen 22^h. No arch, but streamers to about 20° altitude rising from behind the haze and continually shifting. It was not seen again all night. Sky almost cloudless all day.

Feb. 29.—Thin fog and low clouds all day, but clear at midnight when aurora was seen. Single arch, no streamers. The midnight observation was 8 minutes late. No corrections applied to readings.

March 1.—Thermometer box shifted at 1^h 17^m. Height above snow not altered. Aurora seen at 1^h, 2^h, and 3^h. At 1^h it was a single arch without streamers, but at 2^h there was no arch but shifting streamers to about 45° altitude.

March 3.—The fog-crystals that formed on the 2nd and 3rd were white, dry, and quite easily removed.

March 4.—Fog cleared at about 10^h but left thick haze in valleys all round; it seemed to stand up to about 5000 feet high, and the air was saturated most of the day. No unusual colours in sky. Earth shadow well seen at sunset. An aurora was seen at 21^h. Single arch, no streamers. It was again seen at 22^h, but at 23^h and midnight the moon was so far west as to obscure its light. Thermometer box shifted at 11^h 10^m. Height above snow not altered.

March 5.—Aurora was seen at 3^h. Single arch, no streamers. Thick haze in valleys all day up to about 4000 feet. Thin fog occasionally blowing over Ben Nevis. Sky cloudless all day except a streak of cirrus low down to westward at 18^h and 19^h.

March 6.—Clear sky, but haze below, and thin fog blowing over the hill top till 4^h; after that fog and cloudy sky with haze and fog all round. At 7^h the sun was seen coming up above the low lying haze and fog, it was distorted, the lower part in the haze being smaller than the upper part in the clear sky.

March 8.—Sky cloudless from 5^h to 7^h, but detached fog in the valleys and on hill sides all round. At 15^h star shaped crystals of snow were falling.

March 10.—During last night and this morning almost all the last fall of snow has been blown off, leaving only a few drifts. Top clear occasionally but fog always blowing over at short intervals, and air saturated.

March 11.—Up to 9^h thin fog was on the hill top, but after that it gradually cleared and after 17^h was cloudless. Fog hung about the hills till 19^h, after that there was only a little haze to the E., but no fog in valleys. Thermometer box shifted at 15^h 15^m. Height above snow not altered.

March 12.—At 1^h the sky was about half covered with cirrus in long strips radiating from a point about 10° south of the zenith. The moon was shining brightly also near the zenith. The cirrus strips were tinged with red to the E.N.E. and W.S.W., the colour flashed on and off them like the pulsations of an aurora. No halo or corona surrounded the moon. After 4^h sky was cloudless again and continued so till 13^h, but detached fog lay among valleys almost all day and rose to height of Ben Nevis about noon and enveloping summit at times till 15^h, almost continuous fog since. Air very dry in forenoon. Lunar halo at 19^h, and a lunar corona at 23^h.

March 13.—Overcast sky till noon, fog since, with slight showers of snow. Solar halo at 10^h.

March 14.—Summit clear after 17^h, but sky a little cloudy and fog among hills to E. till 21^h. Sky cloudless since. Thin haze in valleys below.

March 15.—Cloudless and very fine all day except at 13^h and 14^h, when thin fog was blowing over summit. Haze all round below, and some detached cum.-fog on hills to S. Air dry at times throughout the day, and very dry this evening. Computed humidity at 22^h, 15

per cent. After 22^h a light was observed in the sky to N. extending from N.W. to N.E., and to about 45° altitude, probably an aurora but it was indistinct owing to bright moonlight.

March 16.—Sky almost cloudless till 9^h, overcast with cirro-cumulus till 13^h, fog and mist since. Air very dry in forenoon; the computed humidity at 1^h being 12. Rain began to fall at 18^h with a temperature of 30°·5, and ice forming on all exposed surfaces. Temperature has been steadily rising since. Haze all round below in early morning. A solar halo of 45° was seen at 11^h.

March 17.—Distant thunder heard at 9^h 20^m, and flashes of lightning seen at 10^h 30^m.

March 19.—Strong S.E. wind all day, increasing to a gale in the evening. Top clear after 6^h, but fog on hills to S., and frequently blowing over summit in the afternoon, and dark haze in the valleys all round. Sky a little cloudy in forenoon but cloudless after 17^h. An aurora, single arch, but no streamers was seen at 23^h and midnight.

March 20.—The S.E. wind continued till 12^h and gradually fell in force. Sky cloudless till 10^h, variable amounts of cir. and cir.-str. on sky till 20^h; fog on summit at 21^h, cloudless again since. Fog on hills to E. and S. most of the day and passing over Ben Nevis frequently. Haze round the horizon all day. An aurora at 1^h, and a halo with mock suns at 16^h 55^m was seen from plateau of storms.

March 22.—Thermometer box shifted at 7^h 15^m. Height above snow not altered.

March 23.—Silver frost forming till 5^h. Mist and fog with occasional breaks till 19^h. Sky cloudless since, but fog below all round. A solar fog-bow seen at 11^h. Thermometer box shifted at 7^h 15^m. A mouse was seen in snow porch at 23^h.

March 24.—Sky cloudless till 5^h, but mist lay over hills all round and passing over summit. Mist since. Sky cloudless again at 21^h, and mist all round, and very thin mist passing over Ben Nevis. Temperature fell suddenly between 4^h and 5^h from 31°·8 to 26°·1. An aurora seen at 21^h, 23^h, and midnight; faint streamers were seen at 23^h.

March 25.—Sky cloudless, and thin mist passing over summit till 5^h, continuous mist or fog since. An aurora with streamers seen at 1^h, 3^h, and 4^h.

March 26.—Thermometer box shifted at 9^h 20^m. Height above snow 55 inches. A bunting seen in snow porch to-day.

March 27.—Fog and overcast sky till 22^h, cloudless since. Temperature very low all day. To-day is the coldest yet experienced at the observatory. Mean temperature 8°·1, and minimum registered 2°·7. Air very clear to W. and S. in forenoon. Very light showers of snow fell during the day. Passing shower clouds to N. and W. in the afternoon. An aurora single arch at 21^h, 23^h, and midnight, but no streamers. A mouse seen in snow porch at 1^h.

March 28.—Fog came on at 4^h with occasional breaks till 18^h, cloudless since. An aurora seen at 1^h, 2^h, and 3^h, and at 21^h, 22^h, 23^h, and midnight. At 23^h there were three arches, the 1st and 2nd arches were well defined, the 3rd or highest arch was not so well defined, but was distinctly visible. At midnight there were two arches, the lower one being very bright. The streamers were faint.

March 29.—Sky cloudless except for a little cirro-stratus till 15^h; fog since. Dark haze to W. and S. near horizon. An aurora with single arch and faint streamers at 1^h, 2^h, and 3^h, and a solar halo at 8^h and 13^h.

March 30.—Fog on summit till 10^h. Sky clear since, except for some thin cirrus and cirro-str. till 23^h, since then a little cumulus has appeared. Light haze among valleys all afternoon. Part of an aurora seen at midnight.

March 31.—Summit clear and air dry all day. Hard packed stratus fog on hills to W. and N. almost all day, and haze among valleys. Aurora seen at 1^h and 2^h, and a halo at 17^h 40^m. Dry and wet bulbs shifted at 12^h 15^m.

April 1.—Thick haze all round. Aurora at 22^h and 23^h.

April 2.—Thick haze below all day, but thinning towards midnight. A solar halo seen from 9^h till 17^h, and a lunar halo with mock moons at midnight. At 19^h 10^m the setting sun was distorted, the lower part in the haze being larger than the upper part in the clear sky.

April 3.—Sky nearly overcast all day with cirro-cum. and cirro-str. moving from the S.W. Very thick haze all round. Lunar halos seen at 1^h, 20^h, 23^h, and midnight, and mock moons at 1^h and 20^h.

April 5.—Continuous mist and slight drizzle till 20^h. Sky cloudless or nearly so till 22^h, but detached cum.-fog on hills all round, and cumulo-cirrus near horizon to S., W., and N. Thin mist since. A double corona at 23^h.

April 6.—Mist or overcast sky all day, and loose fog among hills when summit was clear. A solar halo seen at 15^h 10^m.

April 7.—Sky clear, but thin fog blowing over summit all day, and thin haze all round, and fog among valleys. A solar corona at 11^h, and lunar coronæ at 20^h, 21^h, and 22^h. Thermometer box lowered one step at 16^h 10^m.

April 8.—Fog till 4^h, summit clear since. Sky partly covered with cum. till 7^h, cloudless since except for a little cirrus at times. Detached cum. above horizon to E. and S.E., and some cirrus near horizon to W. and N. in the afternoon. Haze in valleys all round all day. A little fog over hills to S.E. at midnight. Hoar frost on thermometer box and office roof during the night. Aurora with single arch seen from 22^h till midnight.

April 9.—Sky cloudless all day, but a little fog over hills to S.E. till 5^h, no fog after that below. Thick haze all round during the day but thinning somewhat in the evening. Cirrus near horizon to W. and N. at 20^h and 21^h.

April 10.—Sky cloudless except for a little cirrus above the horizon to W. and S. in the afternoon. Light haze in valleys all day.

April 11.—Sky cloudless except for a little cirro-cumulus in the afternoon. Cum.-fog over hills to N.E. at 22^h, and at 23^h there was fog on hills to N.E. and S.E., and at midnight fog on hills all round except from S.S.W. to W.S.W. Thick haze among valleys all day.

April 15.—Sky almost cloudless till 9^h, when cumulus began to form all round below and to rise above level of summit. This cumulus developed into shower clouds in all directions, and up to 21^h showers of snow fell on the summit at intervals. During the evening the clouds were

steadily sinking, and after 21^h they were all below the level of summit, leaving a cloudless sky above. Very light variable winds or calm all day.

April 16.—Weather very much like yesterday as regards clouds—fog being below in early morning. Cumulus forming and rising in forenoon, and developing into shower clouds during the afternoon, and falling below summit after 21^h leaving a cloudless sky above. Very light N. or N.E winds. At 14^h the humidity suddenly fell to 35 per cent., the only value below 70 to-day.

April 17.—Sky almost cloudless till 6^h, fog till 9^h. Cloudy with cumulus, which developed into shower clouds till 21^h, fog till midnight. Ground fog in early morning on Moor of Rannoch. Passing showers of snow in all directions in evening and at times falling on summit. Light N. and N.E. winds. Air saturated or nearly so all day.

April 18.—Fog "off and on" summit till 9 a.m. Cloudy during the rest of the day with cumulus from which showers fell at times in evening.

April 19.—Sky cloudless or almost so till 9^h, but air remained saturated. Sky cloudy or overcast till 18^h with cir.-s. on which a bright halo was seen, and after 15^h with hard cir.-s. or str.-cir. Fog came on at 19^h, and snow fell during the rest of the day. Haze crept steadily northwards in forenoon being first seen at 5^h at S.E. and S. horizon and by 12^h it was all around. Radiating points of a little cirrus that was seen at 5^h were N.N.W. and S.S.E.

April 20.—Mist or fog till 13^h and after 19^h. Sky cloudy in afternoon, with cumulus and cirro-stratus. Halo seen at 15^h and 16^h.

April 23.—St. Elmo's Fire was heard and felt by observer when on roof at 7^h 30^m.

April 26.—Fog till 8^h; summit clear for the rest of the day except for a little passing fog at 21^h. Sky about half clouded with cumulus, from which showers were seen falling in various directions in evening, but none on summit. Air very clear to-day, "Visibility" 3 to 4. Thermometer box was changed at 10^h 20^m. Height above snow not changed.

April 29.—Sky almost cloudless all forenoon, but temperature very low, being below 20° till 11^h. Sky overcast with cumulus in afternoon, and fog on summit at night, with snow falling after 19^h. Aurora seen at 1^h and 2^h.

May 1.—Aurora seen at midnight. Large waves of light rising from a bright single arch to near the zenith. The moon was seen through the arch.

May 2.—Aurora continued pretty bright till 2^h. At 1^h it filled the whole northern sky up to zenith from W.S.W. to E.N.E. Haze below in forenoon in which cum.-fog formed and gradually rose and enveloped the summit in afternoon, but fell again after 18^h, and continued at 4000 feet till midnight. Aurora seen at 23^h and midnight.

May 3.—Aurora seen at 2^h and again at night. Almost cloudless till 5^h and after 19^h, but cum.-scud or fog passing during the day. Air very dry before the fog rose in early morning.

May 4.—Faint aurora seen at 1^h and 23^h. Sky cloudless, and air dry almost all day, but fog on hills below, chiefly to N. and E.

May 5.—Fog all round below in forenoon; but it broke up in afternoon. Sky pretty clear all day. Air very dry at night, the humidity at 21^h being computed at 18 per cent. and at 23^h 19 per cent. Lunar halo and aurora seen at 23^h and midnight.

May 6.—Aurora seen at 1^h and 23^h, and a lunar corona at 1^h and 2^h. Some cirrus on sky till 5^h; almost cloudless during the rest of the day. Thick haze all round below.

May 7.—Fog rolled up from W. at 1^h and 2^h, and was all around below 3000 feet at 3^h; thereafter rising and enveloping the summit for the rest of the day.

May 8.—Summit cleared after 1^h and remained clear till after 14^h when fog came on again. Thermometer box changed at 7^h 30^m.

May 9.—Fog cleared off after 4^h. Cum. on sky till 15^h. Cloudless thereafter. Thick haze below all day.

May 10.—Thick haze all around all day. Almost cloudless in forenoon; some cumulus on sky in afternoon. The haze to-day was very thick and rose high above the summit of Ben Nevis.

May 11.—Thick haze all round to-day. Cir.-s. moving from S.W. on sky on which in the forenoon a solar halo was visible. A lunar halo was seen at 1^h.

May 12.—Cir.-s. on sky in forenoon, and cumulus in afternoon which thickened and developed into nimbus by 19^h. Fog on at 21^h. Thick haze below all day. A lunar halo was seen at 1^h, and a solar halo at 5^h, 6^h, and 11^h.

May 16.—St. Elmo's Fire was seen at 1^h.

May 18.—A large rat was seen on the roof at 1^h.

May 20.—Mist or fog and showers of drizzling rain or snow till 17^h. Summit clear till 22^h, fog thereafter. A mock sun was seen at 20^h.

May 22.—Summit clear from 3^h till 17^h. Sky cloudy or overcast, with cir.-c. in forenoon, and heavy cum. and nimbus in afternoon which gradually lowered and thickened and enveloped the summit at and after 18^h. The air was exceptionally clear, but not very dry in forenoon. Snow fell at night.

May 25.—Mist till 21^h; cloudless thereafter, but broken fog all round below. Bright spectrum colours in N. sky at 23^h and midnight.

May 26.—Fog below in early morning which gradually rose and at 8^h and 9^h enveloped the summit, and thereafter formed cumulus clouds overhead till 21^h when it again sank to summit. Thick haze in afternoon—up to clouds.

May 28.—Summit cleared at 4^h, and except for some fog at 9^h and 10^h remained clear till 15^h, when mist and heavy rain with E.S.E. wind came on rather suddenly. Solar halo seen at 5^h and 6^h.

May 30.—St. Elmo's Fire was seen at 20^h.

June 1.—Mist all day, with rain in forenoon and showers of rain, sleet, and hail in evening. (To-day a horse was brought right up to the observatory for the first time this year.)

June 2.—Top clear at times till 6^h. Mist for the rest of the day. A solar halo was seen at 5^h.

June 5.—Fog or mist till 9^h. Overcast with cum.-s., and fog all round below till 21^h. Sky clearing and fog sinking thereafter.

June 6.—Almost cloudless all forenoon, but unbroken fog all round below to 4000 feet. At 13^h and 14^h cir.-s.

formed above and passed into str.-cir. and fell rather quickly; at the same time the fog below gradually dispersed. At 15^h the str.-cir. stratum fell to, and enveloped summit. Mist for the rest of the day. After the midnight observation the thermometer box was lowered one step on ladder stand.

June 7.—Clearing all forenoon. Almost cloudless, and temperature over 50° all afternoon. Broken fog below all day.

June 8.—Fog on summit from 5^h till 8^h and at 20^h and 21^h. Cloudy during the rest of the day, except after 22^h when the sky cleared. Fog all round below in forenoon which gradually dispersed giving place to thick haze in afternoon.

June 9.—Summit clear except for thin fog passing for a few hours in forenoon, but thick haze all round below.

June 10.—At 5^h to-day fog was observed rolling up from S.E. and E. At 6^h it was continuous all round below 3000 feet. By 9^h it rose and enveloped summit for the rest of the day. Rain began to fall after 15^h. The temperature being below 32°, ice formed from rain at night. At 8 a.m. the temperature was 47°·0, at 13^h it was 37°·4 and at midnight 30°·3, a fall of 16°·7 in 16 hours. After 21^h to-day a set of thermometers was put out in summer box No. 2; and readings were taken of both the big and the small box on ladder stand till midnight.

June 11.—The readings taken of dry and wet in large box No. 2 were entered on daily sheet. Readings of instruments in small box on ladder stand were discontinued after 2^h. Mist and fog with showers of snow in morning, summit clear at times in afternoon.

June 12.—Fog all day, except at noon, snow falling at, and almost continuously after 6^h. St. Elmo's Fire was heard at 15^h.

June 13.—Fog till 7^h, clear thereafter, but sky cloudy or overcast. Air very clear. Visibility 3 to 4 when top was clear of fog. Slight passing showers of snow during the day.

June 16.—Fog in early morning and again at night, cloudy with gleams of sunshine during the day. A fog-bow was seen at 4^h.

June 20.—Mist till 8^h, summit clear and air dry during the rest of the day. Showers of sleet and snow in morning, and passing showers seen all round in evening.

June 21.—Summit clear and air dry all day. Detached fog below in forenoon, and thick haze at night.

June 22.—Fog or cloudy sky till 19^h, almost cloudless thereafter. Thick haze below in early morning, and again at night.

June 23.—Summit clear most of the day. Sky cloudy in forenoon, and overcast or almost so in afternoon. Thick haze below in morning. Almost calm all day.

June 28.—Fog till 10^h, clear for the rest of the day, but some haze below and cum. and cir.-s. on sky.

June 29.—Haze and fog all round in forenoon. Clearing in evening, and sky almost cloudless at night. This evening the haze rose in a layer clear of hills.

July 2.—Fog below till 3 a.m.; mist on summit for rest of the day, and heavy rain after 8^h.

July 8.—Bright display of St. Elmo's Fire seen at 1^h.

July 9.—Mist and drizzling rain at times till 21^h, clear and almost cloudless thereafter. Hoar frost on roof at midnight.

July 10.—Summit clear till 23^h; sky somewhat cloudy, but air very clear especially in evening to W. and N.W. To S.E., at and after 19^h, a bank of haze, which floated above hill tops, was seen steadily advancing. At midnight it was on summit and brought mist with it. Formation of cumulus from rising columns of mist and air in forenoon was well marked to-day.

July 11.—Thick mist in early morning. Clear at and after 6^h, but thick haze, and at times fog below all round, and sky somewhat cloudy with cumulus during the afternoon and cir.-s. after 18^h.

July 12.—Summit clear except for some mist passing in morning. Cir. and cir.-c. on sky. Air dry at and after 8^h, but broken fog on hills most of the day. At midnight the sky was cloudless, and a veil of auroral streamers converging in a point to S.E. of zenith filled the whole sky except to S. and S.E.

July 13.—The aurora noticed at midnight, last night increased in brilliancy till 0^h 30^m, when it was very bright. It continued bright and active till 0^h 45^m, but thereafter gradually faded away, and at 1^h there was only a trace of it left. Fog on N. and E. hills all day. After 20^h it was continuous all round below 3000 feet. Sky almost cloudless all day. Air very dry in early morning. Humidity gradually increased in evening. At 23^h and midnight pearly cirrus was seen about 10° above N.E. horizon. At 23^h 30^m while watching the pearly cirrus, streaks of aurora were seen, and the cirrus seemed behind these. Spectrum bands seen in N. horizon at night. Photograph taken of these and of the pearly cirrus.

July 14.—Pearly cirrus continued visible till 2^h. Sky cloudless till 9^h, but fog below in every direction, which, after 9^h, rose and enveloped summit till 18^h; thereafter lifting clear of hills, forming an overcast sky above, and no fog below.

July 15.—Top clear almost all day, but sky overcast with cum. and cum.-s. Dew noticed at 3^h.

July 20.—Mist till 10^h. Top mostly clear after that and visibility great; but detached patches of fog among hills after 19^h.

July 21.—Air very dry in early morning, but sky cloudy. Mist and drizzle in evening.

July 23.—Mist cleared off at 4^h, but sky was partly covered with cirrus and cumulus all day. Fog covered the hills round at 4000 feet till 8^h, and then broke up remaining as detached fog among hills all day.

July 24.—Faint pearly cirrus seen at 1^h. Low lying fog over Loch Lochy, Locheil, and other sheets of water till 6^h. Fog hanging about the hill tops most of the day and considerable haze. Fog also gathered over the Atlantic at 22^h and gradually extended among hills to northward at almost 3000 feet. Pearly cirrus seen at 23^h and midnight, bright, but not extending to more than 10° elevation.

July 25.—Pearly cirrus seen at 1^h. Fog lay in valleys to northward at 3000 feet till 11^h, at noon fog was blowing over Ben Nevis, and haze and detached cum.-fog continued all round during the day. At 23^h the haze thickened into fog on summit. Portion of solar halo seen at 13^h.

July 26.—Glory seen at 6^h. The 17^h observation was taken 6 minutes late; no correction applied to readings.

July 27.—Aurora seen at midnight, single arch, no streamers. Haze and fog below at night.

July 28.—Sky cloudless all day, but fog on hills at 3000 feet till 9^h, after which it rose and dispersed, leaving the valleys full of haze with a few patches of fog among it. Northern horizon red all night.

July 29.—Thick haze and patches of fog in valleys all day. Some of the fog rose and formed cumulus overhead in afternoon and evening.

July 30.—Sky cloudless, but thin fog blowing over till 4^h. Sky covered with cirrus types. Haze and patches of fog in valleys all forenoon, mist or fog on summit all afternoon, rain came on after 17^h, the first fall since the 23rd. Solar halo seen at 8^h.

Aug. 1.—At 23^h and midnight top was clear and fog lying among hills round.

Aug. 2.—Fog lay at a high level—almost 4000 feet till 6^h; after which it broke up into cum.-fog and rose, getting clear of the hill tops about 10^h; from 12^h onwards there was continuous fog or mist on Ben Nevis.

Aug. 9.—Thin fog in forenoon, which, later, rose higher into light cumulus and disappeared. No fog left in valleys. Air very clear all afternoon. South Uist and Barra seen. Bright meteor observed at $22^h\ 2^m$. It was passing close to Mars near S.S.W. horizon when first seen, was green in colour and rather brighter than Mars, and vanished in air to the left of Mars about 5° above horizon.

Aug. 10.—Clear sky, but fog blowing over hill top occasionally till noon. Continuous fog all afternoon. Glory seen at 6^h.

Aug. 17.—Summit clear all day, but sky partly covered with cumulus except at 19^h and 21^h when it was cloudless. Fog on hills to 4000 feet till evening, when it sunk down into the valleys and broke up into detached cum.-fog. At 21^h fog had all disappeared. A lunar corona at 2^h and 3^h.

Aug. 18.—Top clear from 4^h till 8^h, and some fog among valleys.

Aug. 19.—Summit clearing occasionally till 19^h, since then sky cloudless and some detached fog in valleys.

Aug. 20.—Sky cloudless till 3^h, fog since with some breaks in the afternoon. A double corona at 6^h.

Aug. 23.—Fog till 9^h, clear for the rest of the day, but thick haze below, and cum. and cirro-c. on sky.

Aug. 25.—Top clear in morning, but sky cloudy, and fog in valleys all round, which after 8^h rose and enveloped summit.

Aug. 28.—Frequent showers of drizzle. Snow and hail fell during the day. Mist and fog till 22^h, after which top was clear and sky almost cloudless, but fog over hills all round and passing across summit at times.

Aug. 29.—Sky cloudless or almost so till 9^h, but air remained saturated till 4^h. Sky cloudy or overcast till 16^h, with cum.-s., cir.-c., and cir.-s. Mist came on at 17^h, and slight showers of snow and rain fell during the rest of the day. Slight N. breezes or calm till 8^h, and veering to E. and E.S.E. and increasing in force to moderate gale in the evening. Fog all round in early morning to height of Ben Nevis, and passing over summit at times till 4 a.m. after which it sank into valleys and gradually dispersed, giving place to haze in the forenoon. Aurora single arch seen at 2^h and 3^h, no streamers.

Sept. 4.—Fog till 16^h, summit clear since, but sky more than half covered with cir.-c. and cir.-s. and fog all round below. Solar coronæ were seen at 17^h and 18^h. Lunar halo at 23^h and midnight.

Sept. 5.—Lunar halo at 1^h, after which mist came on and continued all day.

Sept. 6.—Mist or fog till 2 p.m. Summit clear frequently after that but sky overcast or nearly so. Haze all round below, and detached cum.-fog on hills which gradually spread all round and enveloped the summit after 19^h. Air slightly dry from 15^h to 18^h.

Sept. 8.—Fog till 10^h. Summit clear for the rest of the day except for some thin fog passing occasionally, but sky overcast with cirro-stratus and a few patches of cum.-fog on hills to S. Lunar corona seen at 4^h.

Sept. 20.—Mist and fog till 20^h, sky cloudless after that and air dry, but fog all round in valleys. Icy crystals forming from the mist on windward side of all exposed surfaces in the early morning. Aurora single arch at 22^h, 23^h, and midnight. At 22^h there were shifting streamers to about 40° altitude.

Sept. 21.—Sky cloudless all day but some fog in valleys till 10^h, and passing over summit in the early morning. Air dry all day and very dry in the evening. A magnificent aurora seen from 20^h till midnight. There were three distinct arches from W. and S. to N.E. with shifting streamers shooting to the zenith.

Sept. 22.—Temperature high and air very dry all day. Humidity ranging from 28 to 40 per cent. Sky cloudless all day, but a little detached fog in valleys to S.E. and E., and slight haze in valleys all day and some cir.-str. on horizon to W. and N.W. in the afternoon. Air very clear above the haze. The aurora of last night was observed till 4 a.m. and again to-night from 20^h till midnight. A single arch and no streamers.

Sept. 23.—Sky cloudless till 4^h, but some cir.-cum. on horizon to W. and N. Thin fog passing over summit at 4^h and off and on after that till 9^h; continuous mist since with slight drizzle and heavy rain after 19^h.

Sept. 29.—Temperature pretty steady all day at 28°, with heavy showers of snow and drifting a little in early morning. Average depths of snow on summit about 9 inches. Wreaths forming round observatory varying in depth from 2 to 3 feet.

Sept. 30.—Fog or overcast sky except at 4^h when sky was cloudless and thin fog blowing over summit and again after 20^h, when there was detached cum.-fog on surrounding hills.

Oct. 2.—Summit clear after 1^h till 5^h, but sky about half covered with cumulus, and fog on hills all round, since then almost continuous mist and fog.

Oct. 3.—Summit clear after 4^h, but sky overcast with cirro-stratus and cumulo-stratus and thick fog on hills all round till 11^h, continuous fog since.

Oct. 4.—Summit clear after 15^h, but sky overcast with cirrus and cirro-stratus and thick banks of cum.-fog on the surrounding hills, after 20^h sky was cloudless except for some thin scud passing at times. After 23^h fog came on again. Heavy rain till 15^h, fair since. A solar halo at 15^h.

Oct. 5.—Sky mostly overcast till 9^h, but almost cloudless at 3^h and thick banks of fog all round, considerably higher than Ben Nevis. Continuous fog after 9^h. A solar corona at 17^h.

Oct. 12.—Top clear, and air dry from 5^h till 14^h, and

sky cloudless except for a little thin scud blowing over at times. Thick fog all round and extending to a considerable height above Ben Nevis. After 14^h fog came on again but cleared occasionally and air was dry at times. A bright meteor was observed at 5^h 8^m. Glories were seen frequently from 8^h till 13^h, and a number of measurements were obtained. At 2·10 the small thermometer box (winter pattern) was put out on ladder stand No. 2 with dry, wet, and min. thermometers. Duplicate readings were made up till noon, after which readings of thermometers in big box were discontinued.

Oct. 14.—Strong gusty E. and N.E. winds all day. Summit clear but sky somewhat cloudy till 16^h but cloudless after that and air pretty dry. Very thick banks of cum.-fog over hills all day and passing over summit at midnight. Aurora single arch seen at 22^h and 23^h.

Oct. 15.—Strong squally N. and N.E. winds all day. Sky cloudless till 3^h but thick fog all round. Fog blowing over summit the rest of the day, but sky apparently cloudless. Aurora single arch at 2^h. A meteor seen at 4^h. Glories were seen between 10^h and 11^h.

Oct. 16.—Sky cloudless and air dry till 2^h, but thick fog all round below which rose and enveloped summit thereafter, but top clear occasionally during the day. Aurora single arch at 1^h and 2^h.

Oct. 18.—Sky cloudless till 8^h but somewhat cloudy after that, and thick fog below all round which rose and enveloped summit after 18^h. Air very clear all round in the forenoon, Ireland and the Outer Hebrides being distinctly seen. Aurora seen from 1^h till 5^h. There were two well defined arches, the lower one extending from W. to N.E., and bright streamers shooting to the zenith and continually shifting, at 3^h, 4^h and 5^h pulsations were very rapid, and bright. Earth-shadow visible at 7^h. A solar halo at 14^h and 15^h.

Oct. 19.—The 13^h observation was taken 15 minutes late.

Oct. 20.—Fog or mist till 10^h, summit clear, but sky overcast with thin cirro-stratus and fog all round below, but rising at times and frequently passing over summit in the afternoon. Slight showers of snow and drizzle in

the forenoon and again after 22^h. A solar halo was seen between 13^h and 16^h as sketched above. The horizontal white circle extended almost completely round heavens; at one time being broken from N.—N.N.E. only (measured approximately 13°). The outermost mock suns were at right angles to real sun.

Measurements of Distance between Sun and Inner Mock Suns.

Time.	*Left.*	*Right.*	x = Distance between Centre of Reds of Two Halos.
h m	° ′	° ′	° ′
...	24 43	23 58	23 17
...	24 43	24 43	23 17
13 45	21 48	21 48 } thicker	24 43
...	21 54	... } cloud.	
13 52	24 13	24 13 } thinner	24 35
...	...	24 13 } cloud.	24 13

16^h Red of Halo from Sun 22° 49′.

Oct. 21.—Summit clear at 4 and 5 hours, but sky cloudy and fog all round. Clear again at midnight and sky cloudless, but thin fog blowing over summit. Slight N. breezes till 15^h (Force 1 to 3) after which wind rose rapidly and blew a strong gale (Force 9) till after 21^h, when it fell quite suddenly again. A considerable amount of drift blowing about during height of gale, including blocks of snow crystals blown off the roof and sides of tower. An arm of Robinson Anemometer was broken and a rain-gauge blown away, but the latter found again at midnight near Wragge's Hut.

Oct. 24.—Fog or overcast sky till 16^h. Sky cloudless after that, and air dry at times in the evening. Thermometer box shifted at 16^h 20^m. Box was raised one stage on stand.

Oct. 25.—Sky cloudless all day except for some fog passing over summit at 16^h and 17^h. Detached cumulus at horizon all afternoon, and a little cirrus above horizon to W. and N. at 15^h. Air very clear in forenoon, Skye, Outer Hebrides, and Colonsay being distinctly seen.

Oct. 26.—Sky cloudless till 10^h, but cloudy or overcast with cirrus, and fog in valleys to N. and passing over summit at times till 16^h; continuous fog since. Air was exceptionally clear in the early morning, seven lighthouse lights being distinctly seen from N.N.W. to S.S.W. Glories were seen during the forenoon.

Oct. 28.—Thermometer box was lowered one step after 14^h.

Nov. 2.—S.E. winds all day. The fog crystals that formed on all exposed objects were dark brown in colour.

Nov. 4.—Fog till 10^h and after 20^h. Sky cloudy between those hours and fog below and occasionally passing over summit. At 11^h the fog below to W. was hard packed str.-fog, while to E. it was of the loose cum. type.

Nov. 6.—At 22^h a lunar corona and fog-bow were seen. After 20^h observation, the thermometer box was changed. Height above snow not altered.

Nov. 7.—Cloudless till noon, but mist below, and at times thin mist covered hill top for short intervals. Lunar coronæ were seen in early morning, and a solar fog-bow at 11^h. At 4^h a very faint aurora was seen. Fog covered summit from 13^h till 18^h, when it cleared, and sky was overcast till midnight when fog came on again.

Nov. 11.—The thermometer box was changed after 11^h. Height above snow not changed.

Nov. 17.—Summit clear of fog from 6^h till 10^h, but sky was cloudy then and fog and haze lay below. Thick fog depositing brown fog crystals all afternoon. Glories seen at 8^h on fog in second gorge. Thermometer box changed after 8^h. Height not altered.

Nov. 18.—Mist or fog till 21^h, when top cleared and sky became rapidly cloudless.

Nov. 19.—Cloudless or almost so and air dry till 7^h, but fog and haze below. Thick fog depositing brown fog crystals during the rest of the day.

Nov. 20.—Fog all day; with some snow in early morning. Brown fog crystals forming most of the day.

Nov. 21.—Fog and E.S.E. wind all day. Brown fog crystals forming nearly all day.

Nov. 22.—Except for a short clear interval at 5^h there was thin fog on summit till 20^h. After that it cleared off and sky was cloudless, the air dry and warm (the temperature rising quickly) till midnight. Aurora seen at 5^h and at and after 21^h. At 21^h 30^m the thermometer box was changed. Height above snow not altered.

Nov. 23.—Summit clear, sky almost cloudless, and air dry and warm all day. Fog on hills to S. and S.E. all day, and haze to N. and W. Aurora seen all morning and again at 22^h. When the summit cleared last night there was a heavy coating of fog crystals on S.E. side of everything, but owing to the dryness and warmth of air to-day, by midnight they had almost all evaporated.

Nov. 24.—The high temperature (34° to 40°); the low humidity (37 to 56) and the clear sky continued till 18^h, but there was fog to 3000 feet all round below. Till 18^h there was hardly any wind, but at 19^h a S.E. breeze began to blow, the fog rose and enveloped summit, and the temperature fell 11°. A very faint aurora was seen at 5^h and again at 18^h and 19^h. At 9^h 45^m a glory was seen on the fog low down to N., and measurements, per stephanome, made of red of the inner of two sets of coloured rings. The mean of 6 measurements gave as radius of this red 2° 54′.—The colour of the rings, it was noted, was dispersed and irregular owing to the irregularity in density of the cloud. In early morning 3^h to 6^h a great many meteors were seen, some very bright. At 3^h as many as 20 in 4 or 5 minutes could be counted. At 13^h observation the wet bulb looked rather dry (the readings being Dry 37°·1, Wet 31°·2), another reading was made at 13^h 23^m (Dry 37°·2, Wet 28°·4). The latter is entered, without time correction, for 13^h on daily sheet.

Nov. 30.—Thermometer box changed at ^{h} ^{m}.

Dec. 1.—Top clear except in early morning and after 21^h. Sky nearly cloudless most of the time. Temperature low and air saturated all day. At 11^h a double glory and a triple fog-bow were seen to N., the order of colours was:—

Sun	Blue	Red	Blue	Red	Red	Blue	Red	Blue	Blue	Red
	Glories.					Fog-bows.				

Lunar coronæ were seen in evening.

Dec. 2.—Fog at 1^h and 2^h and at and after 17^h. Clear and almost cloudless between those times, but detached fog and haze below, which thickened and rose in afternoon. A lunar corona was seen at 4^h, a meteor at 6^h, and the earth shadow at 8^h.

Dec. 3.—About 10^h 30^m the telegraph instrument indicated several flashes of lightning, the last of which short-circuited the line by breaking through the protector in Post-Office. Communication was restored after 16^h. St Elmo's Fire was seen at 21^h.

Dec. 7.—Summit clear from 2^h till 7^h, and air dry from 3^h till 8^h—lowest humidity 36 per cent. at 4^h. Fog and showers of snow from 11^h till 20^h, clearing thereafter. Lunar corona seen at night. Thermometer box was changed at 2^h 15^m.

Dec. 9.—Fog on or passing over summit till 18^h, when it cleared off; but sky remained cloudy and air saturated (except at 23^h).

Dec. 12.—Thermometer box was changed at 12^h 20^m. Height not altered.

Dec. 13.—Fog clearing at times in forenoon, and summit clear from 15^h till 20^h, but air saturated except at 18^h. Aurora seen at 1^h, and a fog-bow and glory at 12^h.

Dec. 22.—Fog till 11^h. Thereafter the top cleared, and after 14^h the air became gradually drier, the humidity at midnight being 71 per cent. After 19^h the sky was cloudless, but fog and haze filled valleys below all round. Aurora seen at midnight. Box shifted at 13^h 10^m. Same height as last.

Dec. 23.—Air dry till 5^h, but saturated at and after 6^h. Sky clear in morning and again at night, but fog on summit during the day from which brown fog crystals were forming. Bright aurora seen till 5^h having very active streamers, and flashing a good deal. Seen again at night—pretty bright, with two well defined arches but no streamers.

Dec. 24.—Air very dry all day. From 4^h till midnight, the computed humidity ranged from 7 to 15 per cent. For several hours it was below 10 per cent. Sky cloudless except for a little cirrus between 10^h and 16^h and again after 22^h, but thick haze in valleys, and also some fog in forenoon. Faint indistinct aurora seen in morning and again at night. The air was so very dry to-day that after the wet bulb had been moistened, it became dry in a few minutes, so that most of the readings were made between the usual time and 7 minutes past the hour. Since the dry bulb was on the whole steady, no correction was applied to readings of wet bulb for being late, nor were readings of the barometer etc. made except at the usual times. At 5^h, 6^h, 7^h, and 8^h, the dry bulb readings at the hour were 24°·4, 25°·3, 25°·2, and 24°·7 respectively—the readings entered on daily sheet being made at 5^h 16^m, 5^h 32^m, and 7^h 20^m. There was no reading made near enough 8^h so the wet bulb was interpolated from readings made at 7^h 34^m and 8^h 49^m. At 19^h the entered reading was made at 19^h 11^m—the dry bulb at the hour being 29°·3. At 20^h the wet bulb was dry, though it had been wetted at 19^h 50^m—the entered readings were made at 20^h 6^m, and at 22^h the bulb was almost dry (after having been nearly wetted) before the mercury stopped falling. About 1 hour of sunshine was lost this morning, owing to focus being off the card. (Perhaps some was lost in same way yesterday?) The lowest computed dew point to-day was,—28°·9 at 16^h, and the mean for the whole day—18°·5.

Dec. 25.—Air very dry again to-day, the computed humidity ranging from 9 to 19 per cent. Sky cloudless except from 9^h till 13^h when a little cirrus moving from N. or N.W. was observed. Haze in valleys and stratus at horizon most of the day. A faint aurora was seen at night, and a solar halo at 12^h. The earth shadow was seen after sunset. At 11^h the wet bulb was too dry at the hour—the readings entered were made at 11^h 9^m. The S. or S.E. wind blowing last few days died out about mid-day to-day and the afternoon was almost calm throughout.

Dec. 26.—Sky quite cloudless all day. Air very dry, extremes of humidity being 15 and 27 per cent. Thick haze in valleys all day. This morning a faint grey glimmering light was seen in N. sky not distinct enough to say whether auroral or not. Fog was seen over the haze on the Atlantic Coast in afternoon.

Dec. 27.—Summit clear all day. Sky cloudless till 7^h, but some cirrus during the day. Thick haze in valleys all day with fog to W. and S.W. in afternoon. Air very dry—mean computed humidity 21 per cent., and lowest 13 per cent. At 3^h, 4^h, and 5^h, the same peculiar shimmering light was seen in N. and E. Sky as was noted yesterday. It did not look like aurora, being more like very thin filmy cirrus clouds lighted up. A solar halo was seen at 13^h, and a lunar halo at 23^h. At 23^h and midnight thick dark str.-cir. clouds were seen low to N.W.

Dec. 28.—Air very dry all forenoon. After 11^h the humidity increased, at 13^h it reached 100, and at 14^h fog came on. Sky cloudy all forenoon and thick haze and fog (to W. and S.W.) below. Top cleared again at 22^h and hard detached masses of "rare" str.-cir. were seen on sky. In early morning (3^h to 6^h) the shimmering light noted last two mornings was again seen in all parts of sky, and apparently lighting up the edges of clouds that lay near horizon. A bit of a lunar halo was seen at 1^h.

Dec. 29.—Air very dry, and sky cloudless except for a few patches of hard str.-cir. till 7^h when fog came on and did not clear during the rest of the day. Peculiar light seen in E. and S.E. sky in early morning. Brown fog crystals forming from the fog to-day.

Dec. 30.—Fog till 15^h. Sky cloudy thereafter and haze and fog below.

Dec. 31.—Summit clear till 9^h, but fog below all round which rose and enveloped summit at and after 10^h. Thermometer box changed immediately after the 2^h observation. Height above snow not altered.

INSTRUMENTS ETC., 1892.

Barometer.—No. 1385 was in use during the whole year, No. 1252 being kept in reserve; the latter is supposed to have a trace of air in its vacuum.

The following Dry and Wet Bulbs were used: Nos. 535541, 535542, 192677, and 192672: and the following self-registering thermometers max. 117293, min. 116918 in large screen from June 11th to Oct. 12th, and mins. 138533 and 138545 in small box during the rest of the year. On Oct. 24th a new pattern of winter screen was brought into use. It is much stronger than, but of the same size as the old pattern. The louvres are stouter, and are sunk into and kept flush with outside of corner posts. The old pattern boxes have not been used since.

The Tower screen and thermometer have been in occasional use.

The old 5-inch gauges were used till 11th Feb., and since then a new pattern of 5-inch gauge without broad base or screw-plug has been in use.

The Campbell-Stokes Sunshine Recorder has been in use throughout the year

Black Bulbs.—Max. 186 and ordinary 484108 were in use when possible—chiefly from June till Sept. The former lies at Low Level Observatory since October. The platinum points of the latter have been injured and there is some air in its vacuum.

The Direction and Force of the Wind have been observed, as usual, on the roof of Observatory at the hourly observations.

The H.C. Anemometer was accidentally broken on January 8th, and has not been used since. The Chrystal Direction Anemometer has not been used. Its clock is used as the standard G.M.T. clock in office.

The Rainband observations have been continued with the direct vision spectroscope.

Several photographs have been taken.

The Stephanome has been in use for the measuring of glories, coronæ, and halos.

The depth of snow has been taken as usual at post A—called "The snow gauge."

The Barograph (Richards) has been in use all the year.

Except as regards the rainfall, the observations have not been interrupted during the year. On January 17th owing to the thermometer box door having been broken, observations in it were not made for several hours, but the temperature at these hours was interpolated from readings of the Tower Storm Box.

Dust observations have been made throughout the year with the large Dust Counter in Tower—the small one is still at the Low Level Observatory.

The Telegraph Instrument has worked well throughout the year. Daily weather reports from both stations continue to be sent to the daily papers.

Since September 8th Mr A. J. Herbertson has been conducting experiments on the Hygrometry of the Air on Summit. Since October 6th he has been assistant observer at the Observatory.

In August Mr Edward Whymper made some experiments on the behaviour of aneroids with varying pressures at both stations.

The Seismograph was not used during the year. In September it was sent away to be repaired and tested, with a view to its being erected at the Low Level Observatory.

The Staff of the Observatory consists of *R. T. Omond*, *Angus Rankin*, *James Miller*, and *Samuel Weir*. George Robertson was on the staff till July 6th when his place was taken by Weir. Mr John Crerar was telegraph clerk in summer, and Messrs J. I. Craig, H. F. Rankin, C. Stewart, A. J. Herbertson, and W. Stewart, took the place of various members of the staff during the holiday season.

The Observatory Buildings are, and have been during the year in fairly good condition.

DEPTH OF SNOW

Inches.

This table gives the depth in inches of the snow lying on the summit of Ben Nevis on the 1st and 15th of each month from the opening of the Observatory in 1883 to 15th July 1893, and also the maximum depth observed each year with the date of occurrence. During the first winter, 1883–84, the depth was measured at the Thermometer Stand 12 yards from the nearest part of the Observatory buildings, but for the rest of the time on a post standing near the centre of the flat part of the hill top, over 20 yards from any obstruction. It was selected as the position most free from accumulations of drifted snow, and therefore as a place showing the results of the snowfall influenced only by melting, evaporation, and loss from wind blowing away loose snow. During each winter drifts gathered to much greater depths in more sheltered parts of the hill top. The entries on Nov. 1st and 15th, and on Dec. 1st 1883, are approximate only.

	Oct.	Nov.		Dec.		Jan.		Feb.		Mar.		Apr.		May		June		July		Maximum.	Date.	
	15	1	15	1	15	1	15	1	15	1	15	1	15	1	15	1	15	1	15			
1883	-	[20]	[40]	[60]	80	70	80	107	105	114	114	113	105	117	120	80	55	3	–	141	May 8	1884
1884	–	–	–	5	33	46	57	66	122	119	122	136	135	128	134	124	87	55	7	142	April 3	1885
1885	31	34	23	32	44	44	54	85	86	85	92	85	122	104	92	94	63	30	–	123	,, 10	1886
1886	–	–	–	–	13	43	46	35	39	44	44	50	49	67	51	15	–	–	–	69	,, 28	1887
1887	–	–	–	18	46	52	46	43	52	48	56	56	61	67	64	36	23	–	–	71	May 6	1888
1888	–	–	–	14	7	21	33	37	44	44	50	47	51	53	–	–	–	–	–	57	April 24	1889
1889	–	–	–	3	11	23	24	65	66	69	69	82	88	92	70	26	–	–	–	96	,, 25	1890
1890	7	–	22	8	9	13	10	42	38	35	44	54	56	58	36	30	–	–	–	59	May 4	1891
1891	–	–	–	28	41	50	52	57	68	69	70	66	57	64	52	30	–	–	–	74	March 9	1892
1892	23	20	8	14	27	25	26	41	54	58	62	60	55	34	–	–	–	–		66	,, 17	1893
MEAN	6·1	7·4	9·3	18·2	31·1	38·7	42·8	57·8	67·4	68·5	72·3	74·9	77·9	78·4	61·9	43·5	22·8	8·8	0·7	89·8	April 16	MEAN

ANEMOMETER

Miles per hour.

The following tables give the readings of the Robinson Hemispherical Cup Anemometer at Ben Nevis Observatory for such times as it was working. The anemometer is mounted on the roof of the tower of the Observatory and stands 5 feet above the roof of the tower, 18 feet above the flat roof of the main part of the Observatory, and about 32 feet above the ground. It has 4 cups, 5 inches in diameter, mounted on arms measuring 15 inches from centre of spindle to centre of cup, and its records are reduced to miles per hour by the factor 2·841.

The anemometer can only be used when the temperature is above the freezing point, or on the rare occasions when it passes below the freezing point with a dry atmosphere. The presence of fog or mist when the temperature is below 32° at once chokes the mechanism with ice, and either stops it, or so retards its motion as to render the readings misleading. The tables printed here contain all the satisfactory records from 1888 to 1892 inclusive. In the spring of 1889 the instrument was under repair and was only started on 16th July: during the whole summer of 1892 it was in the maker's hands for repairs and alterations. The other breaks in the record are due to frost.

Each month in which any record was got is printed separately. At the right hand side is given, 1st the mean value of all days on which records were got for the whole 24 hours, on broken days no mean is given, and 2nd the maximum hourly value of every day whether complete or not—of course on the incomplete days this gives only the maximum of the time the anemometer was working. The highest maximum value for each month is put in bold faced type. At the foot of each month are the mean values for each hour; in computing these, only the entries on complete days are taken.

WIND. MILES PER HOUR. MAY 1888.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	Max.
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–	–	–
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17	18	18	18	20	23	19	23	25	–	25
7	28	33	26	14	18	25	25	24	24	25	21	20	26	29	27	24	22	22	18	15	12	13	14	13	22	33
8	13	12	15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7	10	7	4	7	12	–	12
12	12	5	4	8	9	12	9	11	15	14	14	15	9	9	13	12	15	22	24	–	–	–	–	–	–	24
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18	–	–	–		–	–	–	–	–	–	–	–	–	–	59	49	49	54	62	69	68	61	55	44	–	**69**
19	40	40	42	39	42	44	42	62	66	67	61	57	67	55	65	60	55	63	64	57	68	51	45	38	54	68
20	31	16	13	17	14	6	7	7	8	12	12	14	11	6	7	11	6	4	5	6	5	6	12	15	10	31
21	20	18	13	12	12	8	11	5	1	2	4	4	7	9	6	6	1	0	1	0	0	0	3	0	6	20
22	0	1	0	0	0	0	0	1	2	0	0	0	0	1	1	0	0	0	2	5	2	0	0	2	1	5
23	3	1	2	5	8	10	12	12	10	6	1	0	3	3	4	6	6	8	7	10	12	7	9	11	6	12
24	6	5	7	2	1	0	0	0	0	0	0	0	0	1	1	4	2	0	0	0	0	0	0	1	1	7
25	5	4	3	2	2	7	9	4	3	2	2	0	0	2	4	5	5	3	2	1	6	5	6	5	4	9
26	12	10	6	7	12	11	6	7	0	0	1	4	4	5	7	5	2	0	1	1	2	4	4	6	5	12
27	5	6	4	2	0	0	0	1	0	0	0	0	0	0	1	3	6	0	–	–	–	–	–	–	–	6
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
MEAN	16·1	14·2	12·4	10·9	12·1	12·3	12·4	13·6	12·7	12·7	11·3	11·0	13·1	12·3	13·6	13·6	11·0	11·1	11·1	10·6	11·9	9·6	10·3	10·1	12·1	

WIND. MILES PER HOUR. JUNE 1888

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	Max.
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6	–	–	–	–	–	–		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	21	21	21	20	15	11	13	7	17	19	–	21
8	20	25	22	20	14	18	22	20	24	25	28	26	31	33	34	22	20	19	14	8	8	8	9	7	20	34
9	2	0	1	1	2	3	0	0	0	1	3	3	5	7	10	7	3	4	8	7	5	–	–	–	–	10
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11	–	–	–	–	–	–	–	–	–	–	–	–	41	40	47	44	47	40	40	35	34	30	28	26	–	47
12	29	33	39	44	57	66	62	61	63	62	66	61	66	50	47	42	37	36	33	22	21	–	–	–	–	**66**
13	–	–	–	–	–	–	–	–	–	–	–	–	–	8	5	6	5	4	1	2	1	5	5	5	–	8
14	5	4	2	0	0	0	1	0	0	0	0	0	1	1	2	2	1	2	5	5	7	6	7	19	3	19
15	18	23	18	13	21	33	30	23	18	13	16	14	5	1	2	2	2	4	8	8	15	16	25	24	15	33
16	21	18	15	11	17	7	11	8	16	36	29	22	20	12	9	2	0	0	3	4	4	10	6	4	12	36
17	5	4	5	5	7	5	8	4	2	4	5	4	3	3	2	1	0	2	1	0	1	0	1	3	3	8
18	6	7	11	11	11	7	5	4	4	2	1	2	0	0	0	2	1	1	0	0	0	0	0	0	3	11
19	0	1	2	2	1	2	2	4	7	10	7	6	8	4	2	5	0	1	0	0	0	2	6	8	3	10
20	11	9	18	19	18	20	24	23	22	21	19	17	17	21	23	20	15	12	7	8	12	11	18	21	17	24
21	15	18	26	28	23	20	25	30	35	35	35	39	37	30	21	19	19	8	4	7	12	10	11	13	22	39
22	11	12	8	9	7	8	10	8	14	18	16	17	17	12	6	4	6	12	11	8	0	0	0	0	9	18
23	0	0	1	2	2	1	2	3	0	2	8	10	10	7	5	2	1	3	4	16	10	0	0	0	4	16
24	2	5	7	9	11	13	17	18	18	19	21	19	–	–	–	27	27	29	34	30	32	45	39	49	–	49
25	49	49	51	52	48	46	44	44	46	36	34	29	28	30	19	16	22	16	15	19	10	3	10	27	31	52
26	34	37	37	40	39	37	33	28	26	26	28	36	38	36	34	39	37	43	39	39	40	45	43	45	37	45
27	43	45	50	53	52	44	42	39	40	36	34	33	37	34	34	40	37	28	30	29	17	9	20	22	35	53
28	26	20	15	16	19	16	13	12	15	18	15	15	19	18	18	15	11	8	7	4	10	17	4	6	14	26
29	6	4	3	2	5	4	6	9	10	11	6	5	18	15	11	15	14	16	26	34	34	34	18	37	14	37
30	30	20	19	23	28	19	16	28	30	20	14	13	14	16	11	9	9	3	6	4	4	6	8	10	15	30
MEAN	17·6	17·4	17·8	18·0	18·4	16·9	17·3	16·9	18·2	18·4	17·3	16·9	17·8	16·1	13·7	12·6	11·5	10·5	10·6	11·4	10·8	10·5	10·9	13·9	15·1	

WIND. MILES PER HOUR. JULY 1888.

1	5	10	15	9	6	7	8	7	4	5	2	6	7	6	8	5	5	5	6	5	6	12	16	18	8	18
2	22	26	21	17	15	16	20	22	24	26	34	38	44	47	51	50	53	48	42	55	56	41	54	44	36	56
3	41	44	43	30	24	22	22	19	12	12	8	9	7	6	7	7	11	16	15	7	0	1	3	7	16	44
4	12	7	1	0	0	2	7	14	15	19	18	16	17	17	12	9	12	16	17	16	18	22	24	29	13	29
5	27	24	25	15	11	9	8	8	7	6	7	4	2	3	1	0	1	4	1	1	1	0	0	0	7	27
6	–	–	–	–	–	–	–	–	–	–	–	–	1	1	1	1	0	1	0	0	0	0	0	0	–	1
7	–	–	–	–	–	–	–	–	–	–	–	2	2	3	2	4	3	1	1	1	3	5	12	13	–	13
8	13	12	15	13	11	7	4	4	3	5	7	5	3	7	13	13	11	15	14	10	11	14	15	16	10	16
9	16	23	17	14	10	9	10	11	13	12	12	15	23	21	20	20	16	15	20	20	19	–	–	–	–	23
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12	–	–	–	–	–	–	–		–	–	–	–	–	–	–	8	6	5	1	7	13	11	12	16	–	16
13	26	34	23	23	25	30	36	35	31	26	25	19	17	16	14	19	23	29	26	24	24	19	15	15	24	36
14	15	13	12	13	10	8	11	10	9	4	0	0	0	0	0	1	0	5	6	6	3	0	0	1	5	15
15	3	5	5	3	3	1	1	1	4	5	1	1	3	2	10	21	21	26	31	36	36	33	34	36	13	36
16	33	33	32	38	37	38	36	35	32	28	26	26	26	23	21	9	7	14	20	30	34	32	27	36	28	38
17	41	34	29	29	28	27	19	15	17	22	17	18	16	19	40	47	38	47	57	49	41	34	28	17	30	**57**
18	19	22	28	33	33	31	32	29	25	14	12	9	2	5	6	4	4	3	6	7	11	16	13	13	16	33
19	13	11	9	5	0	0	0	0	3	7	7	8	9	9	8	9	9	8	9	9	9	15	15	29	8	29
20	28	30	29	28	28	25	29	25	22	16	17	20	20	21	16	20	18	18	17	20	24	23	23	23	22	30
21	22	24	22	21	19	11	6	18	6	2	5	1	4	5	6	4	5	4	5	6	8	11	17	21	11	24
22	24	27	24	23	22	22	27	32	32	28	34	39	39	38	34	33	31	29	30	33	37	34	30	27	30	39
23	36	29	33	31	36	38	36	34	32	17	14	17	12	11	11	9	14	16	15	12	13	13	16	15	21	38
24	13	12	13	13	12	13	13	10	8	6	3	2	5	1	2	4	8	9	10	3	8	7	6	6	8	13
25	9	6	9	10	8	4	6	7	5	4	2	1	0	0	1	0	2	0	1	0	0	1	1	1	3	10
26	0	0	0	0	1	4	5	8	2	0	0	0	0	1	2	4	1	4	5	1	1	5	4	4	2	8
27	1	0	0	0	0	0	1	3	6	9	8	7	4	3	5	10	2	14	18	23	22	28	24	16	8	28
28	14	18	18	15	17	8	4	7	5	5	1	2	3	2	2	2	2	4	6	3	11	11	16	18	8	18
29	15	12	12	16	13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
30	21	20	15	–	–	–	–	–	–	–	–	4	3	4	4	2	3	4	3	4	11	10	13	5	–	21
31	–	–	–	–	–	–	–	–	–	–	–	–	–	3	2	3	2	3	3	3	1	2	9	5	–	9
MEAN	18·1	18·3	17·9	16·0	15·0	14·0	14·4	14·9	13·2	11·6	10·8	10·8	10·4	10·5	11·7	12·2	12·1	14·5	15·5	15·5	16·3	15·7	16·6	17·0	14·3	

WIND. MILES PER HOUR. AUGUST 1888.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	Max.
1	6	6	9	10	6	3	1	1	1	0	0	0	1	1	3	1	1	4	0	0	0	0	1	2	2	10
2	3	6	4	6	9	10	7	5	4	6	8	10	8	9	8	7	8	9	9	12	13	15	17	18	9	18
3	19	17	19	19	18	20	24	26	32	29	35	34	31	27	21	19	10	4	6	9	5	9	7	7	19	35
4	6	6	7	7	7	7	6	6	6	4	2	3	5	5	6	8	8	8	8	7	9	10	18	24	8	24
5	16	13	4	7	8	10	13	12	9	8	6	7	5	6	5	9	6	10	8	9	10	15	10	14	9	16
6	12	12	9	12	19	11	6	10	15	7	3	5	8	9	12	11	13	13	16	19	21	20	16	16	12	21
7	21	20	22	17	21	20	22	26	36	12	19	21	24	20	22	19	18	10	12	11	17	11	16	17	19	36
8	16	15	17	19	18	19	22	16	18	19	15	16	16	18	17	16	18	18	14	8	11	11	10	10	16	22
9	7	10	15	12	9	9	7	8	8	6	9	9	6	7	6	6	8	1	5	5	8	8	6	2	7	15
10	2	2	7	5	5	3	1	1	2	16	17	14	9	10	8	8	6	13	16	21	24	27	27	25	11	27
11	20	18	14	9	8	16	19	21	25	25	26	24	30	24	34	28	25	26	26	32	35	35	39	37	25	39
12	34	29	31	28	28	28	32	35	28	26	18	13	13	14	16	8	13	12	12	17	26	19	18	16	21	35
13	10	2	5	5	6	6	3	3	6	7	8	8	6	9	13	27	27	25	14	–	–	–	–	–	–	27
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6	6	6	7	9	13	12	9	16	–	16
15	20	23	16	13	8	13	11	6	6	11	4	1	1	2	1	2	0	0	0	0	0	0	0	0	6	23
16	4	8	7	6	4	4	3	3	4	3	1	1	4	5	7	6	4	2	0	0	0	0	1	0	3	8
17	2	4	6	16	20	20	16	7	3	5	2	3	4	5	7	6	4	0	0	0	0	0	0	2	6	20
18	6	8	9	6	6	11	14	10	3	0	0	1	4	3	3	1	1	0	0	0	0	1	6	11	4	14
19	11	10	8	10	6	8	9	10	16	20	23	18	19	26	26	29	32	34	43	34	42	41	49	60	24	60
20	61	57	60	58	50	38	33	30	31	24	19	23	27	28	27	29	24	21	21	21	20	21	20	19	32	61
21	20	18	16	15	13	10	8	11	8	7	6	5	2	2	2	2	2	5	2	3	3	6	5	5	7	20
22	6	7	8	6	6	3	7	4	3	3	3	3	6	6	6	8	6	10	7	8	8	10	10	11	6	11
23	13	16	18	25	32	33	40	43	42	45	45	23	28	23	28	44	56	62	70	73	74	53	59	48	41	74
24	42	45	41	41	23	13	12	13	11	18	21	26	25	26	28	20	19	26	34	34	34	24	18	19	26	45
25	16	20	17	14	16	19	17	19	18	15	16	14	13	18	12	16	15	17	19	22	23	22	25	25	18	25
26	24	20	22	32	27	23	26	21	16	17	15	16	21	20	16	16	15	15	15	15	21	22	25	24	20	32
27	24	22	24	20	19	16	20	16	14	17	20	25	15	14	17	20	14	17	15	17	19	15	14	14	18	25
28	17	18	18	15	16	18	18	18	14	11	14	15	14	13	10	9	6	3	2	2	2	3	4	5	11	18
29	2	3	2	3	3	4	4	5	5	6	6	5	8	7	6	8	6	5	6	10	7	7	7	10	6	10
30	17	13	13	10	6	10	7	6	4	3	1	1	5	11	9	10	10	4	14	10	15	16	–	–	–	17
31	–	–	–	–	–	–	–	–	–	–	–	1	3	2	3	3	3	6	5	14	26	26	24	29	–	29
MEAN	15·9	15·7	15·9	16·0	15·0	14·4	14·7	14·2	14·0	13·3	13·1	12·4	12·9	12·9	13·1	13·2	12·5	12·8	13·6	14·4	16·0	15·0	15·8	16·3	14·3	

WIND. MILES PER HOUR. SEPTEMBER 1888.

1	26	19	22	30	35	33	32	32	22	27	25	23	17	18	14	15	17	16	14	16	18	13	10	7	21	35
2	9	9	10	9	10	6	7	11	9	5	3	4	3	1	0	0	0	0	0	0	0	0	5	3	4	11
3	4	2	5	5	5	7	10	10	10	8	10	10	15	10	13	16	12	17	18	20	21	23	26	26	13	26
4	22	21	16	10	9	9	11	12	14	15	12	10	10	8	6	9	9	15	24	26	20	24	25	22	15	26
5	20	26	25	25	23	18	15	14	14	8	14	19	18	8	14	16	17	16	18	16	18	16	18	17	17	26
6	17	20	24	24	25	23	28	25	28	16	20	20	17	16	14	10	13	10	10	13	13	16	16	14	18	28
7	14	14	7	9	8	5	9	10	4	8	4	6	6	6	7	5	6	6	4	5	4	3	5	4	7	14
8	4	3	–	–	–	–	–	–	–	–	–	–	2	5	5	3	3	1	0	0	0	1	4	5	–	5
9	7	7	7	5	0	0	0	0	0	0	0	1	4	4	9	12	9	16	15	12	6	17	18	18	7	18
10	13	11	8	5	2	0	0	0	0	0	0	2	3	5	3	1	1	3	0	1	3	10	11	12	4	13
11	24	26	26	21	21	16	19	20	7	9	6	6	5	6	9	9	11	10	12	11	9	6	4	6	12	26
12	4	6	6	7	7	5	8	10	8	13	13	14	11	13	17	13	15	13	7	13	16	12	9	9	10	17
13	8	11	12	11	10	12	9	6	8	8	9	11	19	21	15	20	15	19	26	27	26	31	30	32	16	32
14	28	34	27	25	33	39	44	38	43	40	34	36	22	23	24	22	30	35	33	32	39	41	34	34	33	44
15	27	30	27	32	32	30	16	32	33	28	25	21	17	18	16	17	11	13	11	4	8	10	7	7	20	33
16	5	7	13	10	10	16	13	12	16	21	21	22	17	14	20	27	26	24	21	19	18	16	17	16	17	27
17	17	20	14	19	22	30	23	28	27	28	28	26	21	23	20	19	21	18	13	24	10	14	16	12	21	30
18	16	16	17	16	10	11	11	8	9	7	6	4	3	5	1	1	3	2	7	6	7	7	10	10	8	17
19	11	11	12	8	7	7	8	14	19	21	20	18	18	20	21	18	16	17	11	10	13	12	14	15	14	21
20	18	20	21	23	23	24	28	25	21	20	20	14	18	17	15	14	15	18	18	19	15	14	17	18	19	28
21	19	16	16	19	18	17	18	16	16	15	11	11	8	6	6	1	0	2	5	5	5	7	10	14	11	19
22	15	20	23	21	20	22	24	21	19	21	21	21	21	21	20	20	22	23	21	21	19	13	12	9	20	24
23	6	5	6	6	7	7	5	5	2	5	5	8	7	8	9	6	3	2	0	0	0	0	7	7	5	9
24	12	9	11	9	10	12	10	3	4	3	5	2	5	3	6	3	2	0	1	3	1	1	0	8	5	12
25	–	–	–	–	–	–	–	–	–	–	–	–	11	13	20	18	19	15	–	–	–	–	–	–	–	20
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17	16	17	13	10	4	12	19	21	22	–	22
27	20	18	16	14	12	11	7	7	9	7	7	5	5	2	1	3	3	1	2	2	2	0	2	4	7	20
28	5	5	9	10	12	11	7	4	6	6	11	15	18	17	16	14	11	9	7	6	6	8	8	8	10	18
29	9	9	11	14	13	16	10	10	9	12	8	4	–	–	–	–	–	–	–	–	–	–	–	–	–	16
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
MEAN	14·7	15·3	15·2	14·9	14·8	14·8	14·5	14·5	13·9	13·6	13·2	13·2	12·3	11·7	11·8	11·6	11·5	12·2	11·9	12·4	11·9	12·6	13·2	13·3	13·3	

WIND. MILES PER HOUR. OCTOBER 1888.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	Max.
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7	–	–	–	–	–		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8	–	–	–	–	–	–	–	–	–	–	–	–	–	2	5	6	8	9	7	8	7	7	9	9	–	9
9	14	11	13	11	10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15	–	–
12	14	14	13	13	12	13	13	13	16	13	13	12	13	14	–	–	–	–	–	–	–	–	–	–	–	16
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
15	–	–	–	–	–	–	–	–	–	5	7	8	7	7	9	6	8	5	5	4	4	10	9	9	–	10
16	11	12	8	6	2	3	4	9	9	8	5	7	8	12	12	11	10	1	2	4	5	12	14	7	8	14
17	8	8	6	1	0	0	0	0	7	9	22	25	20	22	21	23	28	28	27	25	28	23	30	37	17	37
18	34	28	33	40	38	29	36	36	39	36	34	32	27	30	34	31	26	30	28	23	32	31	34	33	32	40
19	33	34	31	34	33	38	46	48	47	41	41	36	36	33	31	26	20	27	18	21	14	18	22	26	31	48
20	24	26	19	19	12	0	8	5	2	6	8	9	4	1	0	0	0	0	0	0	0	0	1	2	6	26
21	3	3	3	4	5	2	2	0	0	2	6	6	5	2	0	0	0	0	0	2	0	0	0	2	2	6
22	5	4	2	1	7	10	12	14	14	15	16	23	27	24	25	28	27	27	26	27	31	31	30	30	19	31
23	30	31	32	33	33	31	20	18	18	16	20	15	25	28	26	24	23	24	24	27	30	27	26	19	25	33
24	18	24	17	20	20	16	19	22	20	18	20	22	22	18	14	17	17	22	17	15	17	19	15	17	19	24
25	18	21	18	24	23	26	25	29	24	27	30	20	20	25	25	22	23	25	21	25	28	23	24	24	24	30
26	25	32	32	38	32	31	20	19	21	22	23	22	21	23	27	26	23	24	26	28	29	32	34	29	27	38
27	30	32	32	31	31	23	28	33	35	31	37	40	42	39	38	39	41	36	37	33	39	35	35	37	35	42
28	37	34	39	41	44	38	28	29	30	27	28	29	34	34	35	34	33	32	28	25	24	18	17	16	31	44
29	17	15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–	–	–
31	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
MEAN	21·2	22·2	20·9	22·5	21·5	19·0	19·1	20·2	20·5	19·8	22·3	22·0	22·3	22·3	22·2	21·6	20·8	21·2	19·5	19·6	21·3	20·7	21·7	21·5	21·1	–

WIND. MILES PER HOUR. JULY 1889.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	Max.
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–	–	–	–	–	–	–
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	5	4	5	2	1	–	5
17	4	3	4	12	7	9	6	16	8	9	11	4	4	4	2	1	1	4	1	0	1	0	2	1	5	16
18	7	11	14	19	18	13	11	12	9	6	2	2	2	1	3	2	2	2	3	3	5	2	5	5	7	19
19	5	5	6	7	8	6	6	7	7	6	4	6	5	5	3	2	5	5	3	4	5	4	4	6	5	8
20	5	6	7	8	11	10	10	9	11	7	7	2	0	1	1	0	0	2	4	9	6	1	1	1	5	11
21	1	0	0	0	0	0	1	0	1	0	0	2	1	1	4	6	9	13	11	13	20	19	14	[12]	5	20
22	[12]	[12]	[12]	11	9	11	11	8	9	13	11	12	16	12	11	15	15	11	13	8	5	6	7	8	11	16
23	5	8	5	3	1	0	0	0	1	2	4	0	0	1	0	0	0	0	0	0	0	0	4	7	2	8
24	11	15	19	20	22	25	28	29	31	30	38	40	39	36	36	44	59	48	46	45	38	34	27	18	32	59
25	12	3	1	3	4	8	14	18	17	21	19	19	24	19	19	16	14	11	14	17	8	6	5	5	12	24
26	10	24	22	14	10	18	18	13	14	19	9	7	5	6	6	10	9	6	5	16	21	25	24	21	14	25
27	14	26	21	21	20	25	15	14	12	13	14	13	6	6	4	2	4	8	15	15	17	16	19	21	14	26
28	20	22	24	26	26	15	21	12	4	14	11	6	7	3	1	5	6	0	3	6	5	4	5	5	10	26
29	3	5	7	12	9	19	18	13	18	18	13	7	3	1	0	1	2	1	0	0	1	0	1	0	6	19
30	0	13	10	0	2	4	4	4	0	0	1	5	8	7	8	12	12	19	20	21	24	30	31	33	11	33
31	28	29	23	26	30	34	36	34	37	38	38	32	31	29	35	28	28	18	18	20	20	17	26	24	28	38
MEAN	9·1	12·1	11·7	12·1	11·8	13·1	13·3	12·6	11·9	13·1	12·1	10·5	10·1	8·8	8·9	9·6	11·1	9·9	10·4	11·8	11·7	10·9	11·7	11·1	11·1	–

WIND. MILES PER HOUR. AUGUST 1889.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	Max.
1	19	19	19	15	11	10	11	9	9	9	16	18	12	13	17	14	12	15	14	15	16	15	19	15	14	19
2	12	11	15	15	14	19	13	15	18	19	16	22	15	14	11	7	8	5	5	4	5	6	8	9	12	22
3	6	5	7	10	10	7	4	0	0	0	0	0	0	0	1	1	2	4	2	2	5	11	1	5	3	11
4	1	2	3	2	2	2	3	1	3	6	8	7	6	7	9	12	10	10	10	14	15	15	12	10	7	15
5	13	15	12	8	11	15	13	15	17	14	13	10	6	3	8	14	14	6	13	16	14	15	9	8	12	17
6	10	6	8	6	9	14	11	12	9	12	20	17	19	23	11	13	22	9	5	5	2	1	2	8	11	23
7	6	7	4	5	8	3	3	2	1	1	0	0	1	0	2	3	3	1	0	0	0	0	0	0	2	8
8	0	0	0	0	2	3	2	2	1	0	0	1	2	1	1	2	9	5	8	11	10	18	27	36	6	36
9	37	39	31	33	30	36	35	35	29	19	14	10	8	4	3	3	1	3	0	0	0	0	0	0	15	39
10	0	0	0	0	1	1	4	6	4	7	2	3	4	5	7	4	3	10	13	16	11	2	5	4	5	16
11	11	14	14	15	21	21	25	19	19	20	26	19	19	15	10	9	9	13	17	15	18	14	14	15	16	26
12	13	6	7	7	4	5	8	7	7	8	9	12	12	7	9	9	13	0	7	11	15	11	15	19	9	19
13	25	20	16	19	20	16	18	14	10	5	7	8	6	7	4	3	3	5	4	3	8	9	6	11	10	25
14	12	19	21	25	19	21	22	18	15	18	18	13	4	3	0	0	0	0	0	1	3	8	10	6	10	25
15	7	6	6	4	9	10	7	5	6	6	12	15	9	8	8	11	10	10	10	11	10	9	12	15	9	15
16	13	10	17	11	10	9	9	13	13	20	13	13	17	21	18	21	20	29	43	44	28	26	26	19	19	44
17	13	10	10	13	14	12	11	13	15	16	14	14	18	16	14	20	16	16	14	17	16	16	14	17	15	20
18	17	17	13	12	11	10	13	12	11	10	11	14	12	10	11	15	10	13	13	12	13	13	12	11	12	17
19	8	10	6	6	11	10	7	17	12	12	12	11	9	8	11	13	16	19	14	23	29	39	38	42	16	42
20	45	42	40	43	33	24	11	8	5	5	12	10	10	9	13	14	12	10	6	6	5	7	7	11	16	**45**
21	13	13	13	12	13	12	10	10	12	8	6	4	4	6	6	5	9	10	9	12	13	8	7	6	9	13
22	10	16	11	14	12	15	10	14	15	12	14	15	12	10	5	9	7	9	–	–	–	–	–	–	–	16
23	–	–	–	–	–	–	–	–	–	–	–	6	6	6	6	6	4	8	6	3	2	3	8	–	–	8
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
25	–	–	–	–	–	–	–	9	8	8	6	3	4	7	7	3	5	5	9	–	–	–	–	–	–	9
26	–	–	–	–	–	–	–	–	–	–	.	5	2	1	0	2	2	1	2	2	3	4	4	2	–	5
27	4	5	6	4	7	5	5	4	10	7	16	12	11	12	14	19	22	22	23	21	24	21	27	26	14	27
28	34	40	39	39	35	26	39	28	27	28	27	22	19	14	22	24	24	19	13	18	17	15	16	10	25	40
29	7	7	4	4	5	4	7	5	4	3	4	8	6	3	2	1	2	2	2	2	5	4	4	4	4	8
30	7	8	5	3	3	5	3	3	4	1	2	2	2	2	2	2	2	2	1	1	10	16	18	18	5	18
31	15	11	9	12	20	23	24	20	17	11	6	7	5	1	2	2	1	0	1	2	1	2	6	1	8	24
MEAN	13·4	13·2	12·5	12·4	12·8	12·4	12·2	11·3	10·7	10·2	10·9	10·5	9·1	8·2	8·3	9·3	9·7	9·2	9·5	10·8	11·3	11·6	12·1	12·5	11·0	

WIND. MILES PER HOUR. SEPTEMBER 1889.

1	2	0	6	10	4	4	5	4	0	0	2	5	7	8	7	6	5	8	10	12	15	21	21	18	8	21
2	14	18	20	22	23	24	24	25	28	31	33	35	31	30	32	30	31	36	36	38	38	39	37	37	30	39
3	34	35	32	28	27	25	27	31	36	34	25	24	20	9	15	13	9	1	0	2	7	9	9	8	19	36
4	5	5	3	2	3	0	0	0	0	1	0	0	0	0	0	0	4	4	2	6	12	11	11	7	3	12
5	7	10	11	17	22	23	23	24	20	17	17	19	21	20	18	15	16	15	15	18	17	16	20	25	18	25
6	26	24	21	23	23	30	28	24	25	22	20	21	15	13	11	12	17	19	18	21	16	17	22	21	20	30
7	23	28	29	31	27	28	32	26	25	27	25	19	17	18	20	24	22	26	37	40	39	42	41	40	29	42
8	41	46	44	39	43	42	50	46	49	47	43	53	56	55	45	35	54	50	50	41	54	46	36	25	45	**56**
9	21	21	22	24	26	23	20	24	20	19	14	12	13	10	11	9	14	15	15	16	16	15	15	14	17	26
10	11	9	8	16	15	18	26	28	25	15	16	18	17	24	30	32	32	17	21	23	26	20	21	21	20	32
11	18	11	16	19	20	14	9	8	3	4	7	9	7	11	10	13	12	14	9	5	6	4	2	0	10	20
12	1	0	0	0	0	0	0	3	3	8	1	0	0	7	7	10	14	20	21	31	20	19	26	22	9	26
13	18	13	9	10	13	6	3	8	5	3	2	16	14	2	2	0	0	0	0	0	0	0	0	0	5	18
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	9	12	3	1	0	0	1	1	12
15	1	1	0	4	2	3	8	4	3	0	0	0	0	0	1	0	0	0	0	0	0	4	8	16	2	16
16	22	21	17	21	22	18	14	20	24	25	26	24	23	27	30	28	39	38	38	38	39	22	22	29	26	39
17	31	29	28	26	26	24	30	17	13	16	17	19	19	17	23	24	30	25	22	18	27	23	23	21	23	31
18	23	16	18	23	23	24	27	24	27	17	27	25	25	24	18	28	27	31	25	24	21	17	19	22	23	31
19	20	15	15	9	13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	20
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–	–	–	–	–	–	–
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–	–	–
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
26	–	–	–	–	–	–	–	–	–	14	18	16	13	14	15	18	20	17	18	17	16	14	16	11	–	20
27	11	12	9	11	10	9	9	9	8	10	8	9	12	5	8	8	12	12	11	11	11	10	12	12	10	12
28	–	–	–	–	–	–	–	–	–	–	–	.	–	–	–	–	–	–	–	–	–	–	–	–	–	–
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
30	–	–	–	–	–	–	–	–	–	.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
MEAN	16·3	15·7	15·4	17·2	17·3	16·6	17·6	17·1	16·5	15·6	14·9	16·2	15·6	14·7	15·2	15·2	17·9	17·9	18·0	18·3	19·2	17·6	18·2	17·8	16·7	

WIND. MILES PER HOUR. MAY 1890.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	Max.
1	41	34	34	32	36	32	31	25	28	28	33	34	36	36	36	30	27	27	22	19	22	29	25	17	30	41
2	22	16	–	–	–	–	–	7	7	12	16	23	26	20	21	24	32	37	38	41	35	26	–	–	–	41
3	–	–	–	–	–	–	–	–	–	–	–	46	44	45	45	47	45	43	40	34	29	34	30	43	–	47
4	28	28	27	27	24	25	20	21	25	32	27	24	26	35	33	38	35	42	41	41	42	40	41	46	32	46
5	45	44	46	38	40	34	28	33	47	28	17	11	26	21	18	12	21	24	14	18	22	27	34	46	29	47
6	47	37	42	46	45	39	40	39	39	48	39	51	40	28	25	23	22	13	15	23	22	24	34	33	34	51
7	34	35	30	35	34	33	44	32	35	31	30	27	22	25	23	19	19	19	15	17	12	16	7	6	25	44
8	8	14	21	20	19	20	20	19	18	16	14	6	0	1	1	1	0	1	3	2	2	1	0	0	9	21
9	0	1	1	1	3	2	11	15	13	9	4	3	1	1	1	2	0	0	0	0	2	1	2	2	3	15
10	4	15	24	26	–	–	–	–	–	–	–	15	22	28	42	39	20	22	20	18	29	26	28	30	–	42
11	32	29	30	29	27	28	22	20	23	30	27	20	20	6	1	1	2	8	19	13	22	14	10	4	18	32
12	6	15	14	9	7	6	4	11	8	14	14	13	12	14	15	11	13	6	4	4	1	2	8	8	9	15
13	–	–		–	–	–	–	–	–	–	–	–	–	14	15	16	16	16	17	26	20	29	–	–	–	29
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17	–	–	–	28	24	22	9	12	12	15	19	19	16	19	21	18	19	8	14	16	–	–	–	–	–	28
18	–	–	–	–	–	–	–	–	–	–	–	–	55	43	45	42	40	30	28	30	30	25	22	24	–	55
19	26	25	19	17	14	10	12	14	14	15	15	10	14	11	10	10	6	1	0	2	2	4	3	10	11	26
20	17	21	29	30	36	31	31	36	38	38	43	43	65	58	59	56	62	57	50	59	43	45	45	45	43	**65**
21	46	39	40	39	43	33	31	37	42	33	36	31	16	17	24	36	44	36	43	34	49	44	25	23	35	49
22	22	22	11	8	30	23	23	23	21	21	19	17	19	11	12	13	8	7	6	9	9	12	10	5	15	30
23	1	1	5	9	15	16	12	11	15	8	13	16	17	15	21	24	26	32	26	26	25	25	28	31	17	32
24	35	29	31	28	38	36	32	27	23	18	19	22	23	27	26	29	28	26	18	18	19	20	10	4	24	38
25	3	2	5	8	13	16	13	12	11	10	9	7	3	2	0	0	0	1	2	2	6	12	15	–	–	16
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
27	–	–	–	–	–	–	1	1	2	0	0	1	4	9	3	1	0	1	5	5	2	4	9	5	–	9
28	5	8	4	6	7	3	9	12	13	12	4	1	0	1	0	2	3	7	6	–	–	–	–	–	–	13
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
31	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
MEAN	25·8	25·0	25·3	24·5	27·4	24·5	24·0	24·2	26·0	24·6	23·3	21·9	22·5	20·4	20·3	20·3	20·9	19·9	18·4	19·0	19·6	20·3	18·8	18·7	22·3	–

WIND. MILES PER HOUR. JUNE 1890.

1	–	–	–	–	–	–	–	–	–	–	–	14	14	14	13	14	13	11	15	–	–	–	–	–	–	15
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15	20	19	21	17	13	14		21
3	15	20	20	22	18	18	17	18	18	19	25	23	23	26	26	32	34	45	56	56	52	43	34	17	28	56
4	17	13	16	18	21	24	20	13	22	15	12	22	21	25	20	16	19	25	28	26	23	28	30	30	21	30
5	31	31	28	23	22	23	23	15	14	19	18	18	16	16	13	15	17	16	15	21	25	26	31	31	21	31
6	28	28	22	16	18	14	14	6	9	14	17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	28
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8	–	–	–	–	–	–	–	–	–		–	–	29	31	32	30	40	42	40	41	39	30	29	26	–	42
9	26	26	28	22	17	17	13	12	15	13	11	9	12	11	14	15	11	8	12	14	17	22	25	24	16	23
10	28	28	25	32	31	33	25	33	33	41	46	46	45	45	49	43	45	51	55	55	53	54	51	33	41	55
11	33	40	39	36	32	32	25	23	18	16	21	36	45	40	42	30	26	16	17	16	17	19	20	15	27	45
12	18	10	27	29	39	40	37	37	36	30	22	22	29	28	30	21	25	16	19	14	12	16	20	15	25	40
13	12	13	11	8	14	8	8	3	3	1	1	0	0	0	1	1	1	1	0	3	0	0	1	1	4	14
14	2	5	4	5	8	3	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	13	2	13
15	8	5	7	11	11	12	15	17	17	15	14	12	12	14	13	8	8	6	9	12	12	11	13	16	12	17
16	21	22	22	22	20	24	22	21	19	17	15	13	11	12	13	15	13	14	16	16	13	18	21	22	18	24
17	12	10	9	10	9	8	8	9	11	11	13	12	10	11	8	10	10	9	8	9	10	13	11	8	10	13
18	4	5	5	4	3	11	17	13	16	14	13	15	18	27	28	20	11	10	12	10	10	9	9	8	12	28
19	5	4	4	5	7	6	7	5	4	4	3	7	13	16	18	20	28	21	21	18	19	22	26	25	13	28
20	25	26	24	20	11	17	4	13	8	10	11	9	13	12	12	14	10	10	11	11	11	10	14	14	13	26
21	16	13	10	9	13	13	13	10	4	6	6	7	12	11	13	13	12	15	6	10	11	13	16	15	11	16
22	14	14	12	12	11	8	7	7	8	6	4	4	10	6	5	4	3	0	1	7	9	4	11	13	8	14
23	15	10	16	16	19	19	16	13	11	9	18	19	18	17	18	18	15	14	18	8	10	9	8	7	14	19
24	11	12	10	14	10	11	12	11	13	10	7	6	24	14	13	18	21	25	32	38	32	29	34	40	19	40
25	40	44	23	21	20	15	15	14	16	17	16	15	11	10	10	8	6	4	3	2	2	3	–	–	–	44
26	–	–	7	6	7	3	2	3	2	3	3	3	10	14	12	9	3	9	5	8	9	7	5	6	–	14
27	4	6	8	2	1	0	0	0	0	0	3	4	5	5	9	11	3	9	2	5	1	2	1	2	3	11
28	3	3	6	5	10	4	5	3	2	0	0	0	0	0	0	0	0	1	1	2	0	0	0	0	2	10
29	0	1	5	4	5	12	12	8	9	13	12	12	14	11	10	15	21	19	22	31	40	48	46	50	18	50
30	48	49	49	71	64	63	61	59	61	63	60	75	58	61	60	51	49	37	27	21	14	16	20	21	48	**75**
MEAN	16·0	15·9	16·7	17·4	17·2	17·7	16·1	15·0	14·9	14·4	14·6	16·1	17·8	17·7	18·0	17·0	16·6	16·0	17·0	17·5	17·0	17·9	18·6	18·3	16·7	–

WIND. MILES PER HOUR. JULY 1890.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	Max.
1	21	21	18	20	34	29	28	30	16	17	14	14	7	7	3	10	1	1	0	0	0	0	0	1	12	34
2	3	3	2	2	6	6	3	1	0	0	0	0	1	1	0	1	1	0	1	1	0	0	0	0	1	6
3	0	0	0	1	5	8	2	1	0	0	1	0	1	0	2	0	1	3	2	5	3	1	1	2	2	8
4	0	3	10	8	5	1	2	1	1	0	0	0	0	0	2	5	1	8	8	6	2	1	2	1	3	10
5	1	2	0	2	4	6	6	6	4	4	6	4	4	5	4	6	4	5	5	11	6	7	7	6	5	11
6	6	6	9	6	6	5	5	10	9	5	2	10	6	7	6	6	9	8	13	7	7	7	–	–	–	13
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12	–	–	–	–	–	–	–	–		–	–	–	–	–		14	13	9	17	19	18	17	17	18	–	19
13	17	9	14	19	23	24	22	36	30	26	26	26	35	34	33	35	27	33	29	19	19	29	24	29	26	36
14	31	24	19	19	9	8	5	7	10	14	17	15	15	13	16	14	13	14	17	16	16	11	13	17	15	31
15	11	17	18	16	7	17	13	17	18	8	14	12	8	3	4	3	3	2	3	3	1	0	0	1	9	18
16	1	2	3	3	0	1	0	0	1	1	1	6	1	1	1	1	1	2	2	2	1	1	4	7	2	7
17	8	9	6	1	1	2	3	3	2	5	5	8	6	3	1	0	0	0	0	0	1	2	1	0	3	9
18	0	4	3	2	4	2	5	2	1	1	0	0	0	0	0	0	0	0	1	1	4	2	1	9	2	9
19	3	2	1	2	4	6	3	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	1	7
20	8	9	15	14	21	26	24	28	19	11	5	4	6	9	20	17	20	30	24	21	22	28	39	38	19	39
21	39	36	24	12	15	18	17	28	9	15	15	12	22	15	16	18	21	18	23	10	9	11	19	21	18	39
22	23	13	10	13	11	9	12	15	11	18	9	11	12	14	13	15	12	10	9	8	12	10	11	12	12	23
23	10	10	16	17	9	13	14	14	12	14	14	13	15	12	10	11	12	14	12	13	11	12	11	10	12	17
24	16	9	22	22	22	13	33	27	17	8	12	12	10	7	6	8	9	9	11	27	21	19	26	24	16	33
25	11	17	15	20	25	19	21	12	9	4	1	0	1	2	1	4	6	8	15	13	18	18	19	22	12	25
26	14	55	37	30	24	26	25	24	23	20	20	20	19	12	14	12	5	13	10	10	14	13	16	12	20	**55**
27	16	16	19	20	24	21	23	18	20	19	14	11	13	18	13	19	14	17	16	19	22	21	23	19	18	24
28	22	21	23	18	22	19	19	27	11	18	20	24	23	17	17	14	12	10	12	11	12	10	11	8	17	27
29	11	9	9	9	8	10	8	10	10	9	16	8	19	18	14	20	16	18	25	27	31	30	28	25	16	31
30	19	17	19	16	19	16	14	19	21	20	17	15	15	15	17	17	14	15	19	14	12	11	12	16	16	21
31	14	8	12	12	15	17	19	16	15	17	17	19	18	19	17	12	10	12	14	10	14	12	15	18	15	19
MEAN	12·5	13·2	13·1	12·4	13·2	13·2	13·4	14·4	10·8	10·4	10·2	9·8	10·5	9·4	9·3	10·1	8·5	10·1	10·8	10·3	10·5	10·4	11·8	12·7	11·3	

WIND. MILES PER HOUR. AUGUST 1890.

1	14	11	12	11	20	14	12	13	12	7	12	13	7	5	5	6	2	0	0	0	0	1	0	0	7	20
2	0	1	0	2	0	2	2	1	1	1	0	0	1	1	2	2	0	0	0	2	9	5	15	16	3	16
3	21	26	27	32	37	36	33	25	35	31	28	24	20	27	19	33	26	28	27	30	25	25	22	21	27	37
4	19	18	19	21	22	24	17	18	23	22	30	17	23	23	28	29	26	25	20	18	16	16	13	14	21	30
5	20	19	18	21	20	23	22	23	21	21	19	18	18	18	20	20	19	22	16	17	13	13	16	8	18	23
6	5	4	7	8	6	15	5	2	1	0	0	0	0	0	0	0	0	0	0	2	9	9	8	3	4	15
7	6	8	10	8	6	7	10	10	12	11	13	11	8	6	6	3	6	6	6	14	9	10	7	7	8	14
8	8	13	8	7	1	1	2	0	0	0	4	6	9	8	7	3	5	5	4	1	0	3	0	7	4	13
9	11	2	2	7	10	8	7	6	5	11	9	4	7	8	1	1	5	9	26	38	40	36	46	52	15	52
10	40	36	39	49	51	54	51	52	63	60	57	48	49	48	50	49	54	51	47	54	60	60	62	46	51	**63**
11	39	46	46	35	41	39	46	38	30	21	9	6	7	4	2	2	2	4	3	0	0	0	1	1	18	46
12	0	0	0	0	0	4	2	3	3	1	2	4	4	1	6	4	12	2	3	3	2	4	2	9	3	12
13	11	15	17	20	22	23	17	14	10	15	15	15	1	3	2	1	0	0	0	0	0	0	1	3	9	23
14	3	7	8	6	7	11	13	17	10	6	5	4	5	4	8	8	7	10	15	18	21	10	20	24	10	24
15	31	28	27	32	33	40	33	34	44	30	12	2	0	4	8	10	10	11	10	10	10	10	9	12	19	44
16	15	11	13	14	15	16	17	17	16	14	17	20	20	20	17	17	18	18	12	18	18	20	15	18	16	20
17	15	13	12	12	11	8	2	4	6	4	6	8	7	8	6	14	5	5	5	7	6	6	5	6	8	15
18	4	5	3	2	5	7	4	3	2	1	2	3	2	0	0	0	0	0	1	2	1	0	0	0	2	7
19	0	0	0	2	5	3	5	4	4	3	3	3	2	2	2	3	6	8	4	6	12	5	9	15	4	15
20	14	16	15	13	14	13	14	9	4	3	3	2	4	4	4	4	4	2	4	6	13	26	9	10	9	26
21	8	8	4	8	8	13	8	6	10	12	19	23	20	14	12	11	10	10	10	14	9	–	–	–	–	23
22	–	–	–	–	–	–	–	–	–	–	–	–	9	9	8	10	8	7	8	6	6	7	7	1	–	10
23	3	3	–	–	–	–	–	–	–	–	–	3	8	10	8	13	15	22	12	11	–	–	–	–	–	22
24	–	–	–	–	–	–	–	–	–	–	–	8	1	3	5	2	2	4	1	3	2	1	0	0	–	8
25	0	1	2	1	1	0	0	1	0	2	4	7	7	9	10	7	13	16	18	19	20	29	34	34	10	34
26	26	21	20	15	8	2	2	4	3	0	0	0	0	0	0	0	1	1	3	3	8	10	8	7	6	26
27	7	–	–	–	–	–	–	–	19	15	12	11	9	8	8	8	11	13	12	16	20	12	8	5	–	20
28	8	8	4	5	2	2	4	5	6	5	7	5	9	15	11	18	6	2	–	–	–	–	–	–	–	18
29	–	–	–	–	–	–	–	–	–	–	–	–	1	2	2	5	3	3	4	–	–	–	–	–	–	5
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
31	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9	–	–
MEAN	13·7	13·7	13·9	14·5	15·2	15·9	14·4	13·6	13·9	12·0	11·4	10·0	9·1	9·2	9·2	9·8	10·0	10·1	10·2	12·2	13·3	13·5	13·7	14·2	12·4	

WIND. MILES PER HOUR. SEPTEMBER 1890.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	Max.
1	12	14	17	28	34	33	36	40	35	30	27	25	25	18	17	15	16	13	12	12	12	14	20	13	22	40
2	33	19	16	16	15	12	15	12	13	10	13	16	16	15	16	15	12	14	15	20	21	10	16	18	16	33
3	18	19	18	19	18	16	17	19	23	21	26	25	22	12	17	15	14	17	15	16	24	19	18	14	18	26
4	12	10	9	12	5	4	7	8	12	11	13	14	10	4	1	2	3	3	11	11	12	18	23	20	10	23
5	23	29	25	24	18	18	16	15	17	19	21	22	18	16	20	14	18	22	18	13	19	12	18	9	19	29
6	6	14	10	18	27	25	31	32	34	27	25	16	25	20	18	19	21	20	23	22	19	16	12	9	20	34
7	10	11	14	14	10	11	11	7	3	8	8	8	17	18	18	15	17	18	20	15	15	18	18	18	13	20
8	14	24	25	26	29	25	14	20	25	29	29	24	18	32	25	18	19	15	21	22	20	23	25	25	23	32
9	17	19	16	14	10	9	6	9	3	3	2	1	2	3	5	2	1	1	2	2	4	4	3	3	6	19
10	4	4	6	7	6	8	6	5	5	6	10	10	11	12	15	11	9	11	9	9	14	5	13	12	9	14
11	17	13	9	9	10	9	13	12	13	17	16	8	12	6	4	4	3	5	27	37	32	24	10	8	13	37
12	6	11	12	13	15	29	37	29	32	21	36	27	26	23	24	18	13	16	10	9	5	6	9	15	18	37
13	17	21	21	21	21	24	18	25	27	28	30	30	26	31	28	28	25	28	22	24	29	23	22	33	25	33
14	24	24	23	27	23	35	22	27	25	19	18	15	15	13	11	16	19	26	33	37	32	33	23	33	24	37
15	38	39	33	32	32	27	28	41	43	60	62	69	61	62	67	58	57	53	55	55	50	56	66	57	50	69
16	54	52	45	45	40	28	10	33	48	49	60	53	54	66	65	71	50	55	55	54	48	55	56	57	50	**71**
17	53	53	61	56	61	55	55	66	59	45	46	44	42	50	34	32	25	23	31	11	4	8	21	35	40	66
18	40	44	38	39	43	43	35	39	28	21	10	7	5	12	6	6	7	5	17	8	3	5	10	13	20	44
19	11	9	10	12	15	12	16	15	19	24	19	19	19	19	19	19	28	27	33	37	33	33	31	32	21	37
20	31	38	40	39	38	41	52	52	47	53	59	54	51	51	42	62	60	48	54	41	54	49	61	56	49	62
21	49	45	56	59	61	61	60	68	66	62	54	50	52	53	55	60	61	54	62	68	66	58	47	37	57	68
22	41	48	51	54	47	51	44	26	27	18	11	11	10	5	4	3	1	1	0	0	0	0	2	4	19	54
23	1	1	1	4	2	1	1	2	5	5	7	4	4	7	8	7	6	7	8	16	21	28	14	18	7	28
24	17	19	21	22	26	15	28	20	17	20	22	15	16	15	14	14	15	14	15	13	8	8	–	–	–	28
25	–	–	–	–	–	–	–	–	–	–	6	5	13	13	19	22	24	35	40	44	32	30	31	23	–	44
26	19	15	15	16	14	22	10	23	19	19	22	19	21	18	15	14	17	19	16	17	16	20	19	16	18	23
27	23	22	27	20	21	21	17	14	14	15	12	14	14	13	12	11	9	11	10	11	8	7	5	4	14	27
28	4	6	8	6	4	6	7	10	6	3	0	4	10	12	10	15	15	19	10	9	15	13	12	10	9	19
29	10	11	14	14	11	22	23	24	26	24	31	29	29	27	21	21	16	–	–	–	–	–	–	–	–	31
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	18	13	11	10	10	11	15	–	18
MEAN	22·2	23·2	23·3	24·2	23·8	24·1	22·5	25·0	24·9	24·0	24·5	22·7	22·5	22·7	21·4	21·2	20·3	20·4	22·7	22·2	22·2	21·4	22·1	21·9	22·7	

WIND. MILES PER HOUR. OCTOBER 1890.

1	21	22	13	6	4	6	6	8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	22
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–	–	–	–
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
5	–	–	–	–	–	–	17	17	6	15	15	19	17	23	19	27	23	16	20	17	15	6	14	12	–	27
6	11	15	15	14	12	10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
9	–	–		–	–	–	–	–		–	25	26	28	24	23	22	19	18	14	15	17	12	13	15	–	28
10	13	17	15	19	9	13	20	18	24	24	16	15	16	16	24	18	21	24	31	19	16	19	19	23	19	**31**
11	9	14	12	9	9	8	6	7	9	22	20	21	15	17	22	10	18	12	8	22	18	16	15	13	14	22
12	13	14	14	25	19	31	30	27	27	19	23	24	15	25	25	23	27	23	27	23	21	25	24	23	23	**31**
13	28	24	25	27	27	29	31	30	22	19	16	14	10	8	13	5	9	11	14	18	25	25	21	17	19	**31**
14	23	22	21	22	21	21	20	16	15	15	9	4	5	8	14	15	15	18	24	–	–	–	–	–	–	24
15	–		–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–	–	–	–	–	–	–	–
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18	–	–	–	–	–	–	–	–		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–	–	–	–
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
29	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–	–	–		–	–	–	–	–	–	–
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–	–	–	–	–
31	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
MEAN	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–	–	–	–	–	–

WIND. MILES PER HOUR. MAY 1891.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	Max.
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	23	30	39	43	47	56	–	56
8	56	–	–	–	–	–	–	–	–	–	–	–	–	20	15	9	2	1	3	4	4	6	7	5	–	56
9	1	0	9	18	23	14	11	12	35	36	36	24	21	23	14	19	18	19	19	21	6	5	14	20	17	36
10	25	28	25	16	19	14	12	13	14	9	7	5	7	9	12	15	15	14	16	19	10	3	6	13	14	28
11	16	15	17	16	10	2	1	1	1	1	7	12	12	11	8	6	4	8	11	10	10	15	17	16	9	17
12	10	11	13	12	16	17	19	17	19	15	24	21	21	19	16	18	18	21	23	16	15	21	22	19	18	24
13	15	11	16	19	16	14	13	11	15	12	10	8	7	10	17	10	9	9	6	6	4	–	–	–	–	19
14	–		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19	–	–	–	–	–	–		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
31	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	52	51	58	53	53	54	45	40	42	–	**58**
MEAN	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

WIND. MILES PER HOUR. JUNE 1891.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	Max.
1	48	51	47	48	49	48	43	46	50	39	37	40	34	33	32	33	36	42	42	49	60	65	64	63	46	65
2	69	78	77	69	70	61	67	66	60	67	73	80	59	72	63	54	51	50	49	57	57	49	52	61	63	**80**
3	64	62	58	58	56	45	41	38	37	29	26	23	19	23	25	15	13	18	18	22	28	25	33	32	34	64
4	33	34	30	31	30	26	29	30	29	24	14	11	5	18	12	13	19	21	17	16	6	7	9	15	20	34
5	26	25	38	36	33	28	26	23	31	34	38	37	37	35	34	28	13	14	6	3	7	7	11	14	24	38
6	13	4	6	5	6	6	4	5	4	9	7	8	7	3	0	2	1	5	4	3	1	4	4	3	5	13
7	1	5	7	3	6	4	4	8	2	3	0	4	4	2	3	4	3	1	3	8	8	7	8	7	4	8
8	9	13	12	11	12	13	14	12	12	10	14	19	20	24	33	32	30	25	20	7	0	0	3	10	15	33
9	10	9	9	10	1	1	0	1	2	2	1	0	0	0	0	1	3	8	3	3	1	0	1	4	3	10
10	4	5	11	11	9	8	4	1	1	2	2	6	6	4	3	3	2	3	2	1	0	0	0	1	4	11
11	3	2	0	2	1	2	2	3	4	3	6	7	7	5	5	6	6	3	3	8	5	6	12	12	5	12
12	7	4	3	2	0	0	0	6	7	6	4	1	3	6	6	7	9	9	6	6	10	12	13	19	6	19
13	17	18	12	30	24	28	25	29	26	21	20	9	13	6	13	11	7	7	9	9	15	11	11	12	16	30
14	15	26	22	24	13	17	16	20	16	7	7	8	4	7	6	5	2	2	2	2	5	14	7	9	11	26
15	8	15	16	16	16	10	7	6	3	3	2	4	8	4	2	3	7	9	4	8	8	10	14	20	8	20
16	23	21	23	20	19	15	5	4	3	3	3	3	0	3	8	14	19	21	24	16	20	27	23	18	14	27
17	18	17	13	15	14	15	21	21	23	20	23	20	22	21	23	31	20	31	27	25	29	27	30	31	22	31
18	27	20	22	21	25	21	22	25	21	16	29	20	19	16	12	9	7	13	10	10	10	13	14	14	17	29
19	12	12	11	14	14	16	8	8	15	12	13	14	14	14	11	10	9	16	19	15	14	14	14	14	13	19
20	16	17	18	18	18	14	9	6	2	1	3	6	8	6	5	5	4	1	2	2	3	6	8	8	8	18
21	9	8	7	4	2	3	1	0	0	0	4	4	6	8	5	5	1	1	5	2	1	0	0	0	3	9
22	5	2	0	1	1	2	4	12	11	19	17	15	13	14	16	13	12	17	14	16	12	10	6	8	10	19
23	10	17	13	18	6	8	7	10	12	9	4	2	3	4	8	8	20	26	29	36	40	45	56	54	19	56
24	57	34	37	46	47	47	55	54	48	41	39	41	53	43	44	45	38	38	40	36	22	23	37	30	42	57
25	31	28	29	30	27	24	25	32	34	38	42	53	46	40	38	42	44	49	44	43	52	63	67	64	41	67
26	64	67	64	61	55	47	54	54	54	47	48	43	36	36	42	43	42	42	29	37	36	28	27	25	45	67
27	22	27	16	9	7	11	12	14	15	15	11	10	5	9	8	8	4	2	3	1	1	7	10	8	10	27
28	8	12	11	10	8	12	9	6	6	9	15	20	23	19	27	23	16	13	14	12	20	18	19	22	15	27
29	24	29	27	28	19	18	12	16	24	17	21	25	41	35	35	30	30	31	27	24	23	20	14	30	25	41
30	27	40	39	26	16	23	18	17	17	31	31	30	25	28	23	23	22	19	22	15	15	14	14	18	23	40
MEAN	22·7	23·4	22·6	22·6	20·1	19·1	18·1	19·1	19·0	17·9	18·5	18·8	18·0	17·9	18·1	17·5	16·3	17·9	16·6	16·4	17·0	17·7	19·4	20·9	19·0	–

WIND. MILES PER HOUR. JULY 1891.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	Max.
1	15	14	13	16	16	13	11	7	5	12	14	9	17	12	15	9	11	4	5	7	9	10	12	12	11	17
2	12	12	13	15	12	11	11	17	12	6	11	12	9	19	13	14	19	18	11	11	12	11	15	12	13	19
3	9	7	3	3	4	1	4	4	8	0	5	6	11	8	11	11	8	9	10	6	5	4	3	6	6	11
4	6	11	15	12	7	6	4	3	4	2	2	6	4	3	2	2	1	2	1	2	2	3	3	7	5	15
5	8	7	6	7	8	12	16	14	12	13	18	18	18	26	31	30	34	43	51	43	39	37	38	40	24	51
6	32	29	28	17	14	12	9	12	3	9	10	9	9	8	5	3	1	0	0	3	1	0	1	1	9	32
7	5	5	7	7	9	13	4	9	9	6	8	6	8	6	2	5	8	11	11	7	8	12	9	7	8	13
8	2	3	4	5	5	8	10	7	10	12	18	10	12	16	14	8	14	11	22	19	11	9	21	11	11	22
9	12	10	8	8	13	15	14	13	13	11	13	8	3	0	0	0	0	0	1	1	1	2	9	11	7	15
10	16	22	26	30	25	29	32	31	27	32	26	23	24	27	14	25	29	24	24	27	26	24	21	13	25	32
11	14	18	20	20	18	16	14	11	9	3	2	2	1	1	1	2	3	6	8	8	12	14	21	13	10	21
12	12	13	10	10	11	14	15	17	18	18	18	18	19	17	18	12	8	14	10	10	8	11	11	8	13	19
13	12	11	12	13	13	5	7	3	2	3	4	5	3	2	2	2	1	1	0	0	0	0	8	15	5	15
14	13	18	16	16	15	12	12	3	10	9	10	8	4	5	1	1	1	2	4	14	13	7	9	12	9	18
15	8	8	12	6	4	5	4	4	7	4	3	1	0	1	1	1	3	6	4	5	1	8	13	14	5	14
16	10	11	9	11	7	12	21	22	24	12	5	13	16	11	13	11	12	11	8	9	14	18	14	13	13	24
17	9	2	0	1	0	5	7	3	1	1	1	0	0	1	1	5	5	6	8	18	16	21	20	29	7	29
18	31	25	30	34	38	37	41	28	26	25	31	38	29	24	21	11	12	10	8	17	21	16	22	25	25	41
19	20	28	29	23	21	24	28	28	23	23	22	10	7	5	5	6	13	13	14	10	4	6	10	10	16	29
20	9	15	15	16	13	11	15	18	26	24	17	17	12	12	14	16	16	14	14	16	17	16	14	14	15	26
21	9	11	11	13	13	11	7	5	5	10	12	7	10	10	3	5	6	2	2	1	1	6	4	2	7	13
22	4	6	8	10	10	13	6	6	5	8	11	9	14	17	15	13	13	12	11	5	10	8	14	13	10	17
23	7	10	6	7	10	14	12	10	7	4	0	0	0	0	0	3	5	9	15	24	24	29	29	21	10	29
24	8	14	9	8	5	5	5	11	7	9	10	11	9	9	7	7	7	7	9	10	10	11	12	10	9	14
25	9	11	12	13	12	20	13	15	11	13	17	13	13	9	12	11	5	14	8	13	12	20	17	14	13	20
26	14	13	15	20	15	17	14	10	10	9	8	9	10	10	6	7	6	10	17	12	6	8	10	7	11	20
27	8	8	5	11	15	21	13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	21
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
29	–	–	–	–	–	–	–	–	–	–	–	–	–	12	12	10	[5]	[5]	7	3	3	7	12	13	–	13
30	10	17	21	19	16	25	16	15	16	27	16	7	10	16	13	4	4	2	2	5	4	12	7	3	12	27
31	10	11	6	11	11	11	5	6	5	7	6	1	1	2	0	2	0	3	1	0	1	2	4	9	5	11
MEAN	11·6	13·0	13·0	13·2	12·3	13·5	12·7	11·9	11·2	11·1	11·4	9·9	9·8	9·9	8·6	8·1	8·8	9·4	10·0	10·8	10·3	11·6	13·2	12·6	11·2	–

WIND. MILES PER HOUR. AUGUST 1891.

1	6	8	13	15	15	12	19	24	23	16	11	10	7	9	13	13	9	10	12	16	7	10	15	19	13	24
2	17	12	16	10	13	17	17	14	10	8	12	11	9	8	10	6	8	6	5	2	2	2	0	1	9	17
3	0	0	[3]	[3]	8	2	1	3	4	3	3	5	14	14	15	17	22	19	20	17	16	19	24	23	11	24
4	24	19	24	29	30	24	23	18	14	18	15	12	15	21	19	18	20	20	15	20	23	17	22	25	20	30
5	20	20	13	7	10	8	11	22	16	[16]	[7]	2	1	1	1	2	1	1	0	1	3	7	11	9	8	22
6	17	21	19	26	34	30	26	17	19	28	33	14	11	15	12	9	12	10	9	7	10	11	7	10	17	34
7	10	10	12	14	10	12	11	11	13	11	11	13	15	15	14	20	15	9	10	9	13	14	19	23	13	23
8	13	9	10	7	10	11	15	14	18	19	15	13	13	13	10	13	15	7	8	6	8	5	7	7	11	19
9	6	7	7	6	7	4	5	2	3	2	1	0	1	0	0	1	2	3	5	1	0	2	2	2	3	7
10	5	5	2	3	6	5	5	11	7	4	1	0	1	1	1	3	5	4	8	12	15	8	3	3	5	15
11	3	9	8	12	22	16	17	18	22	27	32	29	25	13	13	10	10	14	16	18	13	13	20	22	17	32
12	21	18	16	21	21	14	14	18	15	17	10	9	8	7	9	8	11	15	8	8	8	9	10	12	13	21
13	8	6	9	14	13	20	7	8	9	7	3	3	1	2	2	2	3	2	2	5	13	12	7	11	7	20
14	18	12	16	18	20	15	15	12	7	6	8	9	12	12	10	10	12	12	11	14	16	27	31	20	14	31
15	11	5	4	16	16	8	8	6	3	2	3	3	5	3	4	5	5	13	8	7	7	4	8	2	6	16
16	0	0	0	0	1	3	0	0	0	1	1	0	1	4	3	2	2	2	5	9	16	14	16	22	4	22
17	19	29	29	42	51	45	45	52	63	61	68	59	67	78	75	74	71	68	68	67	65	66	60	59	58	78
18	52	51	37	27	15	18	19	18	20	24	19	22	27	28	26	24	23	28	28	31	32	33	38	41	28	52
19	35	36	34	34	38	34	32	42	48	46	44	34	35	37	45	32	37	39	39	38	36	33	41	42	38	48
20	45	35	33	30	36	33	32	26	22	17	16	5	0	3	1	6	11	5	0	2	8	7	10	11	16	45
21	4	3	6	7	11	15	18	19	14	12	13	9	12	10	19	20	19	18	20	19	21	21	22	27	15	27
22	21	25	19	21	25	22	18	26	25	26	26	18	14	15	10	16	14	9	5	2	4	2	4	6	16	26
23	11	14	14	15	23	16	19	9	11	10	7	1	0	3	5	3	5	1	2	1	5	9	13	13	9	23
24	19	22	19	13	11	16	22	23	21	24	24	25	26	21	18	20	17	18	16	17	18	15	18	16	19	26
25	18	17	15	11	11	14	12	11	13	17	19	18	16	20	21	15	25	26	28	18	14	12	24	18	17	28
26	20	32	24	16	14	12	9	10	10	12	14	14	16	16	14	11	14	16	18	15	20	21	20	14	16	32
27	13	12	15	13	12	13	16	14	13	12	10	8	7	5	3	0	0	1	1	0	0	1	3	4	7	15
28	8	15	18	19	17	12	8	7	16	15	9	11	14	12	6	5	6	–	–	4	4	4	4	3	–	19
29	3	3	2	2	2	–	–	–	–	–	1	5	3	4	4	2	0	2	1	0	–	–	–	–	–	5
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	25	23	24	22	28	34	35	33	31	33	–	35
31	34	44	42	37	46	44	38	37	32	24	20	25	30	39	44	42	38	47	44	34	27	27	28	28	35	47
MEAN	16·8	17·2	16·4	16·7	18·9	17·2	16·9	17·3	17·0	16·8	15·9	13·2	13·9	14·8	14·9	14·4	15·2	15·1	14·7	14·2	15·0	15·0	17·2	17·5	15·9	–

WIND. MILES PER HOUR. SEPTEMBER 1891.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	Max.
1	29	27	29	28	32	33	32	34	39	33	41	42	41	35	26	17	13	15	17	15	15	15	16	18	27	42
2	19	17	16	15	18	15	17	18	21	18	16	15	15	16	18	14	20	18	17	18	16	12	18	17	17	21
3	17	18	17	16	20	22	18	14	18	14	13	11	13	11	[17]	[22]	22	15	16	26	22	26	26	23	18	26
4	21	23	18	17	17	13	13	16	14	14	12	8	9	9	4	6	9	13	15	17	18	15	15	16	14	23
5	12	11	13	17	15	21	20	21	20	16	26	26	21	19	20	19	20	27	32	40	31	10	12	19	20	40
6	18	10	16	13	15	17	–	–	–	–	–	–	–	–	–	–	–	6	8	13	7	8	7	10	–	18
7	11	8	11	12	12	14	13	8	7	6	6	8	4	4	2	2	1	0	1	0	1	12	10	16	7	16
8	12	12	19	28	23	27	27	29	26	30	28	25	24	22	21	19	16	19	17	21	26	30	32	32	24	32
9	31	25	25	29	30	31	24	29	34	37	36	35	22	23	26	27	22	20	19	16	17	22	26	20	26	37
10	22	20	21	21	18	27	25	26	28	25	21	24	20	21	17	25	16	16	10	10	11	12	6	12	19	28
11	14	8	7	11	20	21	18	20	19	18	14	16	19	19	21	20	23	27	28	30	33	30	31	29	21	33
12	28	30	29	30	29	23	27	31	31	20	22	22	21	23	23	24	23	18	18	21	20	18	17	21	24	31
13	20	23	27	25	26	27	24	18	20	18	18	26	26	22	15	16	19	31	23	15	19	33	32	26	23	33
14	18	15	15	12	9	11	14	21	14	10	3	4	7	8	8	9	6	7	7	8	7	8	8	8	10	21
15	9	7	8	10	9	8	11	[11]	[11]	[11]	[11]	13	11	11	10	8	10	12	17	11	14	13	14	13	11	17
16	12	13	15	14	15	14	8	8	14	11	9	12	14	24	23	27	23	35	30	28	26	21	20	19	18	35
17	16	17	10	9	16	3	10	9	9	9	10	7	9	9	6	5	9	8	10	15	15	16	21	23	11	23
18	24	21	18	15	12	14	12	16	14	12	16	14	18	12	14	13	10	13	17	14	18	18	19	21	16	24
19	16	13	13	9	12	12	9	12	11	11	9	7	7	5	5	6	9	11	5	4	8	10	9	11	9	16
20	9	7	4	4	4	1	2	0	0	0	0	0	0	1	7	12	14	23	25	23	31	29	28	27	10	31
21	30	31	30	22	19	24	18	–	–	–	–	–	–	–		–	–	–	–	–	–	–	–	–	–	31
22	–	–	–	–	–	–	–	–	–	–	–	–	–	4	2	4	0	0	0	0	3	11	9	8	–	11
23	6	3	3	10	18	22	17	24	26	30	32	32	35	27	28	28	31	35	42	41	39	33	42	37	27	42
24	35	36	33	34	34	37	42	41	45	41	29	36	20	18	19	23	24	21	18	20	22	19	12	12	28	45
25	14	12	11	13	16	12	14	14	13	17	26	34	32	33	38	38	43	44	55	59	56	55	56	47	31	**59**
26	37	38	30	28	29	31	33	30	38	35	41	34	34	23	25	27	24	25	26	26	24	19	20	21	29	41
27	24	21	18	20	15	16	16	17	14	14	12	14	13	15	14	17	15	13	13	12	11	10	15	17	15	24
28	24	25	30	36	24	47	35	28	29	28	28	25	30	30	30	34	35	38	38	39	26	25	27	27	31	47
29	26	27	33	32	33	28	33	28	29	30	32	32	32	29	28	26	18	23	19	27	24	24	18	18	27	33
30	22	21	22	22	24	25	29	29	38	40	46	34	32	30	32	30	27	25	24	22	22	18	18	17	27	46
MEAN	19·6	18·4	18·3	19·1	19·6	20·6	20·1	20·4	21·6	20·3	20·6	20·6	19·6	18·5	18·4	19·0	18·6	20·4	20·7	21·4	21·2	20·5	21·0	21·0	20·0	–

WIND. MILES PER HOUR. OCTOBER 1891.

1	14	10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3	–	–	–	–	–	–	–	–	–	–	–	25	23	21	22	25	25	23	25	24	25	28	28	32	–	32
4	28	14	26	23	22	27	27	33	34	29	28	23	26	22	28	32	32	33	33	34	32	31	43	39	29	43
5	40	39	34	36	41	43	36	29	32	36	56	74	86	81	84	74	78	75	72	71	82	103	109	86	62	**109**
6	86	85	82	79	78	77	74	63	52	42	32	51	55	30	28	25	26	28	35	–	–	–	–	–	–	86
7	–	–		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		75	93	95	82	75	–	95
9	69	55	39	33	29	26	37	39	41	39	42	43	38	36	38	36	29	29	26	28	–	–	–	–	–	69
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11	–	–	–	–	–	–	–	–	84	82	85	85	80	80	81	81	83	62	34	33	27	32	–	–	–	85
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20	–	–		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
25		–	–	–	–	–	–	–		–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
31	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
MEAN	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

DIRECTIONS OF WIND 1892.

The lists of the number of times the wind blew from each direction were accidently omitted in the monthly returns for 1892 on pages 384 to 395. They are given for each month of that year in the table below.

1892.	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Calm or Var.
Ja n. .	146	28	95	21	19	61	32	10	38	39	47	37	51	23	55	14	28
Feb. .	167	37	84	33	44	29	84	32	10	3	15	11	19	15	52	41	20
Mar. .	126	47	54	7	13	62	105	37	35	28	56	23	50	22	27	13	39
Apr. .	149	15	104	8	8	11	110	14	40	14	41	20	69	20	30	12	55
May .	103	8	68	10	14	40	95	38	62	38	105	35	59	7	32	4	26
June .	178	9	45	10	29	27	55	15	43	14	59	29	80	11	26	7	83
July .	146	29	19	7	36	30	61	36	46	15	48	18	66	20	45	34	88
Aug. .	117	28	19	6	37	36	33	6	68	34	88	44	86	32	41	10	59
Sept. .	103	10	8	4	21	21	26	5	66	31	99	66	160	29	35	12	24
Oct. .	368	28	85	23	39	1	31	8	28	7	19	19	21	7	10	12	38
Nov. .	53	3	8	5	19	58	150	33	108	28	94	39	52	10	16	6	38
Dec. .	183	9	30	2	6	30	53	38	101	18	71	23	65	18	28	10	59

CORRECTIONS.

Page 95. *Add* 1889 *after* November at top of page.
„ 96. „ „ December „ „
„ 154. June 1889 in heading *should be* June 1890.
„ 185, 187, and 189. In Fort-William Observatory Sunshine Tables, *instead of* "Greenwich Mean Time," *put* "Local Mean Time."
„ 270. Rainfall for August 1891 at Ben Nevis Observatory in last line, the sum at 14^h *should be* 0·695 *not* 0·658; and the sum at 23^h *should be* 0·454 *not* 0·456.

MEAN HOURLY VALUES AT THE BEN NEVIS AND FORT-WILLIAM OBSERVATORIES.

MEAN hourly values of the barometer, temperature, etc. at Ben Nevis and Fort-William Observatories have been computed from the opening of these Observatories to the end of 1896, and the monthly means for this period are given here as a first approximation towards an average for the two Observatories.

TABLE I.—The first table contains the Barometric Pressure, 1st at Ben Nevis on the average of from 1st January 1884 to 31st December 1896 inclusive, 2nd at Ben Nevis from 1st August 1890 to 31st December 1896, and 3rd at Fort-William from 1st August 1890 to 31st December 1896. The first part gives the longest average yet available for Ben Nevis Observatory, the last the average for Fort-William Observatory from its commencement, and the second part is the Ben Nevis average for the same period as that covered by the Fort-William Observatory averages, and so suitable for comparison with them. The barometer at the Ben Nevis Observatory is reduced to 32° only, that at Fort-William Observatory to 32° and Sea Level. In each case the mean value for the month is given in the right hand column, and in the body of the table the departures in thousandths of an inch from this mean, heavy type signifying an excess and italic type a defect from the mean. These hourly departures have been adjusted for the difference of Midnight values by the method described in the Appendix.

TABLE II. consists of three tables of temperature similar to the Barometric Pressures of Table I., the mean values being given at the side, and the departures, adjusted for Midnight differences, in degrees and tenths of a degree in the body of each section.

TABLE III.—The mean differences of the Dry and Wet Bulbs, 1st at Ben Nevis from 1st May 1884 to 31st December 1896, 2nd at Ben Nevis from 1st August 1890 to 31st December 1896, and 3rd at Fort-William for the same period. Following these are the hourly departures of each set from the monthly averages adjusted for Midnight differences.

At Ben Nevis Observatory during mist or fog the Wet Bulb not infrequently stands a fraction of a degree higher than the Dry Bulb, as may be seen in the tables giving the hourly readings in full in the earlier part of this volume. In computing the mean differences of Dry and Wet, these entries are included without any modification.

Table IV.—The average monthly total Rainfall at each hour, with at the right the average total for the whole month. These are given, 1st for Ben Nevis from 1st January 1885 to 31st December 1896, 2nd for Ben Nevis from 1st August 1890 to 31st December 1896, omitting the months of March and April 1891 and January 1892, and 3rd at Fort-William for the same period. The self-recording raingauge at Fort-William Observatory was not in use during the three months mentioned above, and therefore the same months are omitted from the short period of Ben Nevis' average, so as to make it strictly comparable with Fort-William.

Following these are the hourly departures of each section of the table adjusted for difference of Midnight values. At the right hand of each of these tables is given what would be the mean hourly fall if the Rainfall were distributed uniformly over the day, and the departures are the differences at each hour from this mean.

Table V.—The average monthly total Sunshine at each hour of the day, with at the right the average totals for each month, the possible Sunshine in each month, and the percentage of this possible actually recorded. The "possible" for Fort-William Observatory is the computed time that the sun is above the visible horizon there, as explained on page 7. The table contains, 1st the average amounts at Ben Nevis from 1st February 1884 to 31st December 1896, 2nd at Ben Nevis from 1st August 1890 to 31st December 1896, and 3rd at Fort-William for the same period.

It appears from the table that in each of the three months November, December, and January, the average amount of Sunshine on Ben Nevis is greater than at Fort-William. This is entirely due to the amount cut off by the hills in the morning and evening, for at the mid-day hours the Fort-William totals exceed those of Ben Nevis.

A comparison of the Sunshine recorded at Fort-William with what would be the possible for that place, if it had a level horizon, gives the following percentage in each month for the monthly totals in Table V. :—

Months.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
Percentage.	11	20	30	34	35	34	23	20	26	24	11	7	25

Table VI.—The mean hourly Wind-Force for each month at Ben Nevis Observatory for the period 1st January 1884 to 31st December 1896, followed by the departures of

each hour from the monthly average, adjusted for the Midnight difference of value. A description of the mode of observing the wind and the scale of force used will be found on page 5. No wind observations are given for the Fort-William Observatory, as the surrounding hills give the winds at that place a local character which renders them useless for comparison with the winds observed at the summit of Ben Nevis.

Table VII.—The mean hourly Amount of Cloud for each month at Ben Nevis Observatory for the period 1st January 1884 to 31st December 1896 in the scale 0 to 10, fog or mist when sufficient to hide the sky being reckoned as 10. Also the departures of each hour from the mean monthly values adjusted for the Midnight difference of values. At the Fort-William Observatory the Amount of Cloud is only observed five times a day, and therefore no hourly values can be given.

Table VIII.—The mean monthly temperatures in the Stevenson Screen at the Fort-William Observatory (see page 6) at the hours of 9, 10, 14, 21 and 22, with the mean Maximum and Minimum in the same Screen, and the means of the Black Bulb *in vacuo* and Ground Radiation Minimum, for the period 1st August 1890 to 31st December 1896. Following this is the difference between the temperature in the Stevenson Screen and that in the Thermograph Screen in which are the thermometers from which the hourly values for the whole twenty-four hours are got, at the five hours for which mean values are available in the Stevenson Screen, and for the Maximum and Minimum temperatures. When the Stevenson is the higher, the difference is in heavy type, and when lower in italic type.

Table IX.—The frequency of the different winds at Ben Nevis Observatory, expressed in percentages, for the period from 1st January 1884 to 31st December 1896. The direction of the wind is noted at each hour, so that during the thirteen Januaries included in this period there were 9672 observations of wind, and of this number 19·1 per cent. were N., 10·4 per cent. N.E., and so on, as given in the table. The values for the year are the mean of the twelve monthly values for each direction.

TABLE I.—MEAN BAROMETER, WITH HOURLY DEPARTURES.

Ben Nevis Observatory, 1884–1896.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
January	0	3	6	10	13	14	12	7	1	3	6	6	1	2	3	0	2	4	8	10	11	10	9	5	25·202
February	2	2	6	11	11	12	9	4	0	3	7	7	3	1	1	2	0	3	5	7	6	6	5	4	·287
March	1	4	10	14	15	13	9	4	1	1	4	7	6	4	2	0	1	4	7	9	9	8	7	4	·203
April	4	9	13	17	19	15	12	7	2	3	6	9	10	12	10	7	5	5	6	8	8	6	4	1	·315
May	2	7	12	16	18	15	11	7	4	0	3	6	8	11	10	8	5	4	4	7	9	9	6	2	·378
June	2	8	13	16	17	15	10	6	3	0	3	6	7	9	7	7	6	5	6	6	10	10	7	4	·479
July	1	7	13	16	18	16	12	7	4	1	2	5	8	11	11	8	6	5	6	6	9	9	7	3	·387
August	3	8	13	18	20	17	13	9	4	0	3	7	10	11	10	9	7	6	6	10	10	9	6	2	·359
September	1	4	10	14	17	15	11	7	3	1	3	5	8	7	5	2	1	2	6	10	9	9	8	4	·384
October	2	6	13	16	16	15	10	4	1	5	8	8	7	5	4	3	3	6	8	9	8	5	3	1	·243
November	4	1	5	10	12	12	10	4	0	3	5	2	1	4	5	2	0	4	6	8	9	9	8	7	·251
December	3	1	1	6	10	10	9	5	1	4	6	2	3	5	5	2	2	1	3	7	9	9	8	8	·168
Year	0	5	10	14	16	14	11	6	2	2	5	6	5	5	4	3	3	4	6	8	9	8	6	4	25·305

Ben Nevis Observatory, August 1890–December 1896.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid. night.	Mean.
January	1	3	5	11	14	18	15	10	5	0	4	4	0	1	0	2	5	8	11	13	14	12	9	4	25·228
February	1	3	7	10	9	9	7	2	3	4	7	7	4	0	4	6	0	5	6	6	5	6	5	4	·294
March	1	5	11	16	15	13	9	4	1	1	5	7	8	4	1	0	3	5	9	9	9	8	6	3	·183
April	5	10	14	17	17	13	8	3	0	5	8	10	12	11	8	6	5	5	5	6	5	4	1	2	·388
May	3	8	13	17	18	14	11	7	4	0	3	6	9	11	10	8	6	5	5	7	9	8	5	2	·448
June	2	8	13	17	16	14	10	5	2	0	3	5	7	8	6	6	5	4	6	6	10	10	8	3	·471
July	2	7	12	15	16	14	10	5	2	0	4	6	8	9	7	6	5	4	5	4	8	8	7	3	·391
August	2	8	13	19	21	18	14	9	5	1	2	7	10	10	9	7	7	6	7	10	11	10	7	3	·331
September	2	3	9	13	16	14	10	8	4	1	1	3	7	5	3	2	2	3	6	10	10	10	9	5	·371
October	3	5	11	15	13	12	8	2	2	5	8	8	7	5	3	1	4	7	8	7	5	2	0	0	·209
November	1	3	6	9	10	9	6	1	5	9	9	5	0	4	7	5	1	2	3	4	5	6	6	4	·255
December	2	0	3	8	11	11	9	4	1	6	9	4	1	4	5	2	1	1	4	7	8	7	8	7	·168
Year	1	5	10	14	14	13	10	5	1	2	5	6	6	4	3	2	3	5	6	7	8	8	6	3	25·311

Fort-William Observatory, August 1890–December 1896.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
January	2	0	4	9	15	18	17	10	5	3	4	1	5	4	4	1	2	8	10	15	13	14	9	8	29·874
February	3	2	4	5	8	5	3	6	7	10	8	7	2	8	14	12	10	1	2	4	4	6	5	8	·929
March	4	1	7	9	8	4	2	4	5	7	6	5	0	5	10	10	11	4	0	7	8	11	10	9	·796
April	4	2	2	2	2	4	7	11	9	10	5	3	3	6	14	15	16	12	8	0	4	6	6	7	·983
May	9	8	2	2	2	7	7	9	6	3	2	5	9	11	14	15	16	12	8	0	6	12	12	12	30·006
June	10	8	4	4	4	8	8	10	6	4	0	2	7	9	14	16	19	16	12	4	3	10	11	13	29·976
July	8	5	0	0	0	4	6	7	5	4	0	0	4	5	9	12	14	11	9	2	4	10	10	10	·875
August	4	0	6	8	9	5	3	1	2	3	1	0	2	1	6	6	7	4	1	7	10	13	11	9	·811
September	6	4	3	5	8	4	1	2	3	4	1	0	3	5	11	11	12	6	2	8	10	13	12	10	·876
October	0	4	9	10	11	6	3	6	7	9	7	4	1	4	7	6	5	3	4	7	6	4	2	1	·767
November	0	1	6	8	9	7	5	5	8	13	13	7	0	6	10	8	6	1	0	3	3	6	4	5	·842
December	2	1	3	8	12	11	9	2	3	10	11	5	2	7	9	4	4	0	1	6	6	10	7	7	·779
Year	4	2	3	5	6	3	1	4	5	7	4	2	3	6	10	10	10	5	2	4	6	10	8	8	29·876

TABLE II.—MEAN TEMPERATURE, WITH HOURLY DEPARTURES.

Ben Nevis Observatory, 1884–1896.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
January	·1	·1	·1	·0	·1	·1	·2	·2	·1	·1	·2	·2	·4	·3	·2	·0	·0	·1	·1	·1	·1	·1	·1	·0	24·1
February	·3	·4	·4	·4	·4	·5	·6	·6	·4	·0	·4	·7	·9	·9	·8	·6	·2	·0	·0	·0	·0	·1	·0	·1	23·8
March	·5	·6	·7	·7	·8	·9	·9	·5	·1	·3	·7	·9	1·1	1·1	1·2	·9	·5	·1	·0	·1	·2	·2	·3	·5	23·9
April	·9	1·0	1·1	1·3	1·4	1·3	1·0	·6	·1	·4	·9	1·2	1·6	1·6	1·6	1·5	1·1	·7	·2	·1	·2	·4	·6	·8	27·8
May	1·2	1·4	1·6	1·7	1·6	1·4	1·0	·6	·0	·5	1·1	1·6	1·9	2·0	2·0	1·8	1·4	1·0	·5	·0	·4	·7	1·0	1·1	33·3
June	1·4	1·6	1·9	2·0	1·9	1·6	1·2	·7	·2	·4	·9	1·5	1·9	2·2	2·3	2·2	1·9	1·4	1·0	·1	·3	·7	1·0	1·2	39·5
July	1·1	1·3	1·5	1·7	1·8	1·6	1·3	·8	·3	·3	·9	1·4	1·7	1·9	2·1	1·9	1·6	1·1	·7	·3	·1	·5	·8	1·0	40·4
August	·8	1·0	1·2	1·4	1·5	1·4	1·2	·9	·3	·2	·7	1·2	1·5	1·8	1·9	1·6	1·3	·9	·4	·1	·2	·4	·6	·8	39·9
September	·7	·8	1·0	1·1	1·2	1·2	1·1	·7	·2	·3	·8	1·2	1·5	1·6	1·6	1·4	·9	·4	·0	·1	·3	·4	·6	·6	37·9
October	·3	·4	·5	·5	·6	·6	·7	·4	·1	·3	·6	·8	·9	·9	·8	·5	·2	·0	·1	·1	·1	·2	·2	·3	30·5
November	·2	·1	·1	·0	·0	·2	·3	·3	·1	·2	·3	·5	·5	·5	·3	·1	·1	·1	·2	·1	·1	·1	·1	·2	28·4
December	·1	·1	·1	·1	·2	·2	·2	·2	·2	·0	·2	·4	·4	·3	·2	·0	·0	·0	·0	·0	·0	·0	·1	·1	24·9
Year	·6	·7	·8	·9	1·0	·9	·8	·5	·2	·2	·6	1·0	1·2	1·3	1·2	1·0	·8	·4	·2	·0	·2	·3	·4	·6	31·2

Ben Nevis Observatory, August 1890–December 1896.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
January	·1	·2	·2	·1	·2	·1	·2	·2	·2	·0	·2	·3	·5	·4	·1	·0	·0	·0	·1	·0	·0	·1	·1	·0	22·6
February	·3	·3	·4	·4	·4	·5	·6	·8	·5	·1	·4	·8	1·0	1·0	·9	·7	·2	·0	·0	·0	·1	·1	·0	·1	24·6
March	·5	·6	·6	·8	·9	1·1	1·1	·6	·1	·3	·7	1·0	1·3	1·3	1·3	1·0	·4	·0	·1	·2	·2	·2	·3	·4	24·5
April	1·1	1·1	1·2	1·4	1·5	1·2	·9	·5	·1	·7	1·0	1·4	1·9	1·8	1·8	1·5	1·0	·6	·1	·4	·5	·7	·8	1·0	29·6
May	1·3	1·5	1·7	2·0	1·9	1·6	1·2	·7	·0	·7	1·4	1·9	2·3	2·4	2·4	2·0	1·6	1·0	·4	·2	·5	·8	1·1	1·2	34·1
June	1·7	1·9	2·2	2·2	2·0	1·7	1·2	·6	·0	·6	1·1	1·6	2·1	2·4	2·5	2·4	2·0	1·5	1·0	·2	·3	·8	1·2	1·4	40·1
July	1·3	1·5	1·7	1·9	1·8	1·7	1·3	·8	·2	·4	1·0	1·5	1·9	2·1	2·3	2·0	1·7	1·1	·6	·2	·2	·6	·8	1·0	40·9
August	·8	1·0	1·2	1·3	1·4	1·4	1·1	·8	·3	·3	·8	1·2	1·5	1·7	1·8	1·6	1·2	·9	·4	·0	·2	·5	·7	·9	39·9
September	·7	·9	1·0	1·1	1·2	1·2	1·0	·6	·1	·4	·8	1·2	1·4	1·6	1·6	1·3	1·0	·4	·1	·0	·3	·5	·6	·6	38·4
October	·2	·2	·4	·5	·6	·7	·8	·5	·2	·2	·5	·8	·9	·9	·8	·4	·2	·0	·1	·1	·1	·1	·2	·2	30·1
November	·2	·1	·0	·1	·1	·2	·5	·5	·2	·0	·2	·4	·4	·5	·4	·1	·0	·0	·1	·1	·0	·0	·0	·1	28·6
December	·2	·1	·2	·1	·1	·2	·2	·2	·2	·0	·3	·5	·5	·3	·2	·1	·1	·0	·0	·0	·1	·0	·1	·2	25·0
Year	·7	·8	·9	1·0	1·0	1·0	·8	·6	·2	·3	·7	1·0	1·3	1·4	1·3	1·1	·8	·5	·2	·0	·2	·4	·5	·6	31·5

Fort-William Observatory, August 1890–December 1896.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
January	·2	·4	·4	·5	·5	·6	·5	·6	·5	·4	·1	·6	1·2	1·2	1·0	·5	·3	·1	·1	·1	·0	·0	·0	·2	38·0
February	·8	1·1	1·1	1·3	1·4	1·6	1·5	1·6	1·2	·6	·5	1·2	2·0	2·5	2·8	2·4	1·7	·9	·4	·0	·3	·5	·6	·8	39·2
March	1·8	2·1	2·4	2·6	2·6	3·0	2·9	2·6	1·0	·0	1·3	2·3	3·2	3·5	3·9	3·8	3·3	3·1	1·0	·3	·2	·8	1·2	1·5	40·4
April	3·2	3·8	4·1	4·5	4·7	4·8	3·7	2·2	·4	1·1	2·4	3·5	4·5	5·0	5·5	5·2	4·6	3·7	2·0	·5	·5	1·4	2·1	2·8	45·9
May	4·0	4·6	4·9	5·3	5·7	4·5	2·8	1·5	·3	1·5	2·9	3·6	4·5	5·0	5·4	5·2	4·8	4·0	2·8	·8	·6	1·7	2·6	3·4	50·7
June	4·2	4·9	5·3	5·6	5·3	4·1	2·6	1·2	·5	1·7	2·7	3·3	4·1	4·6	5·1	5·1	5·0	4·4	3·4	1·4	·2	1·6	2·6	3·4	55·8
July	3·2	3·6	3·9	4·2	4·0	3·3	2·0	·9	·5	1·4	2·3	2·8	3·6	4·0	4·3	4·0	3·7	3·0	2·2	·6	·5	1·5	2·1	2·8	56·9
August	2·6	2·9	2·1	3·3	3·4	3·2	2·3	1·2	·2	1·1	2·0	2·6	3·2	3·5	4·0	3·7	3·3	2·5	1·2	·1	·6	1·2	1·7	2·2	56·1
September	1·9	2·3	2·5	2·9	2·9	3·2	2·7	1·8	·5	·7	1·9	2·6	3·2	3·6	4·1	3·7	3·2	1·9	·8	·1	·6	1·2	1·5	1·8	53·4
October	1·3	1·6	1·7	1·9	2·0	2·1	2·0	1·8	·9	·1	1·5	2·2	2·9	3·1	3·2	2·8	1·7	·7	·3	·2	·3	·6	·8	1·3	45·6
November	·7	·9	·8	·8	·8	·9	·7	·9	·5	·1	·7	1·2	1·6	1·7	1·6	1·1	·7	·3	·2	·1	·2	·4	·4	·6	43·0
December	·3	·5	·5	·6	·6	·6	·5	·3	·2	·2	·3	·6	1·0	1·1	1·0	·7	·5	·3	·2	·0	·0	·1	·3	·4	39·6
Year	2·0	2·4	2·6	2·8	2·8	2·7	2·0	1·4	·3	·5	1·6	2·2	2·9	3·2	3·5	3·2	2·7	2·0	1·2	·3	·3	·9	1·3	1·8	47·0

TABLE III.—DIFFERENCE OF DRY AND WET BULBS.

Ben Nevis Observatory, May 1884–December 1896.

	Mid-night.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
January .	0·3	0·3	0·3	0·3	0·4	0·3	0·4	0·3	0·4	0·3	0·4	0·4	0·3	0·4	0·3	0·4	0·4	0·3	0·3	0·4	0·3	0·4	0·3	0·3	0·3	0·3
February .	0·5	0·5	0·5	0·5	0·5	0·5	0·5	0·5	0·5	0·4	0·5	0·5	0·5	0·6	0·6	0·5	0·6	0·5	0·5	0·6	0·6	0·6	0·5	0·5	0·5	0·5
March .	0·4	0·4	0·4	0·4	0·5	0·4	0·5	0·4	0·5	0·4	0·4	0·4	0·4	0·4	0·4	0·4	0·4	0·3	0·4	0·4	0·4	0·4	0·4	0·4	0·4	0·4
April .	0·6	0·6	0·6	0·6	0·7	0·6	0·7	0·8	0·8	0·8	0·7	0·7	0·7	0·7	0·8	0·8	0·7	0·7	0·6	0·5	0·5	0·6	0·6	0·6	0·6	0·7
May .	0·9	0·9	0·9	0·9	0·9	0·8	0·9	1·0	1·0	1·0	1·0	1·1	1·1	1·2	1·2	1·2	1·1	1·0	0·9	0·9	0·8	0·8	0·8	0·8	0·9	1·0
June .	1·2	1·2	1·2	1·2	1·3	1·3	1·4	1·5	1·5	1·6	1·5	1·6	1·7	1·8	1·9	1·8	1·7	1·6	1·6	1·5	1·3	1·3	1·2	1·2	1·2	1·5
July .	0·6	0·6	0·6	0·7	0·7	0·7	0·8	0·8	0·9	0·8	1·0	1·0	1·0	1·1	1·0	1·0	1·0	0·9	0·8	0·7	0·7	0·6	0·5	0·6	0·5	0·8
August .	0·5	0·5	0·5	0·4	0·4	0·4	0·5	0·5	0·6	0·6	0·6	0·6	0·6	0·6	0·6	0·7	0·6	0·6	0·6	0·5	0·5	0·4	0·4	0·5	0·5	0·5
September .	0·7	0·7	0·8	0·7	0·7	0·7	0·8	0·8	1·0	1·0	1·1	1·2	1·2	1·2	1·2	1·2	1·1	1·0	0·8	0·8	0·9	0·8	0·8	0·7	0·7	0·9
October .	0·5	0·5	0·5	0·5	0·5	0·4	0·4	0·4	0·5	0·5	0·5	0·5	0·5	0·5	0·5	0·4	0·4	0·4	0·4	0·4	0·4	0·4	0·4	0·5	0·4	0·5
November .	0·6	0·5	0·5	0·6	0·6	0·6	0·5	0·5	0·5	0·5	0·5	0·5	0·6	0·5	0·5	0·6	0·6	0·5	0·5	0·5	0·5	0·5	0·5	0·5	0·6	0·5
December .	0·3	0·3	0·4	0·3	0·4	0·3	0·3	0·3	0·3	0·3	0·3	0·3	0·3	0·3	0·3	0·3	0·3	0·3	0·3	0·3	0·3	0·3	0·3	0·3	0·3	0·3
Year .	0·6	0·6	0·6	0·6	0·6	0·6	0·6	0·6	0·7	0·7	0·7	0·7	0·7	0·8	0·8	0·8	0·7	0·7	0·6	0·6	0·6	0·6	0·6	0·6	0·6	0·7

Ben Nevis Observatory, August 1890–December 1896.

	Mid-night.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
January .	0·2	0·2	0·1	0·2	0·2	0·2	0·2	0·2	0·2	0·2	0·2	0·2	0·2	0·2	0·2	0·2	0·3	0·2	0·2	0·2	0·2	0·2	0·2	0·2	0·2	0·2
February .	0·6	0·6	0·6	0·6	0·5	0·5	0·6	0·6	0·5	0·4	0·5	0·5	0·6	0·6	0·6	0·5	0·6	0·6	0·6	0·7	0·7	0·6	0·6	0·6	0·5	0·6
March .	0·4	0·4	0·5	0·5	0·5	0·4	0·5	0·5	0·6	0·6	0·5	0·4	0·5	0·5	0·5	0·5	0·4	0·4	0·4	0·5	0·4	0·4	0·5	0·5	0·4	0·5
April .	0·9	0·8	0·8	0·8	0·9	0·8	0·9	0·9	1·0	0·9	1·0	1·0	1·0	1·1	1·1	1·0	1·0	0·9	0·8	0·6	0·6	0·7	0·7	0·8	0·8	0·9
May .	1·0	1·2	1·0	1·1	1·0	0·9	0·9	1·0	1·1	1·2	1·3	1·4	1·5	1·6	1·5	1·5	1·3	1·3	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·1
June .	0·8	0·8	1·0	0·9	1·0	1·1	1·2	1·3	1·3	1·4	1·3	1·4	1·6	1·8	1·9	1·8	1·7	1·6	1·5	1·4	1·1	1·1	1·0	0·9	0·9	1·3
July .	0·6	0·6	0·6	0·6	0·6	0·6	0·7	0·8	0·8	0·8	1·0	1·0	1·1	1·2	1·1	1·1	1·0	0·9	0·8	0·7	0·6	0·7	0·6	0·5	0·6	0·8
August .	0·3	0·3	0·4	0·3	0·4	0·3	0·4	0·4	0·5	0·6	0·5	0·4	0·4	0·4	0·4	0·5	0·4	0·4	0·4	0·4	0·3	0·3	0·3	0·3	0·3	0·4
September .	0·7	0·7	0·7	0·7	0·6	0·7	0·7	0·8	0·9	1·0	1·0	1·1	1·2	1·2	1·2	1·2	1·1	1·1	0·9	0·9	1·0	0·9	0·8	0·7	0·8	0·9
October .	0·5	0·6	0·6	0·6	0·5	0·5	0·5	0·5	0·6	0·6	0·6	0·6	0·5	0·5	0·5	0·4	0·4	0·4	0·4	0·4	0·4	0·4	0·4	0·4	0·5	0·5
November .	0·7	0·5	0·5	0·6	0·6	0·6	0·6	0·5	0·5	0·6	0·6	0·6	0·7	0·5	0·6	0·7	0·6	0·6	0·6	0·6	0·6	0·6	0·6	0·7	0·7	0·6
December .	0·4	0·5	0·5	0·5	0·5	0·5	0·4	0·4	0·4	0·4	0·4	0·4	0·4	0·4	0·4	0·4	0·4	0·4	0·4	0·4	0·4	0·3	0·4	0·4	0·4	0·4
Year .	0·6	0·6	0·6	0·6	0·6	0·6	0·6	0·7	0·7	0·7	0·7	0·8	0·8	0·8	0·8	0·8	0·8	0·7	0·7	0·7	0·6	0·6	0·6	0·6	0·6	0·7

Fort-William Observatory, August 1890–December 1896.

	Mid-night.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
January .	1·9	1·9	1·9	1·9	1·9	1·8	1·8	1·8	1·8	1·8	2·0	2·1	2·3	2·5	2·4	2·4	2·2	2·1	2·0	2·1	1·9	2·0	2·0	2·0	1·9	2·0
February .	2·0	2·0	1·8	1·8	1·8	1·7	1·7	1·8	1·8	1·8	2·0	2·2	2·5	2·7	3·0	3·2	3·0	2·8	2·5	2·3	2·3	2·2	2·1	2·0	2·0	2·2
March .	2·0	2·0	1·9	1·8	1·8	1·8	1·8	1·9	2·0	2·3	2·6	3·0	3·4	3·7	3·9	4·0	4·0	3·8	3·4	2·9	2·6	2·5	2·3	2·2	2·1	2·7
April .	2·4	2·4	2·2	2·1	2·1	2·0	2·0	2·2	2·7	3·3	3·9	4·4	5·1	5·3	5·6	5·8	5·6	5·3	5·1	4·4	3·8	3·3	2·9	2·6	2·4	3·6
May .	2·8	2·6	2·4	2·3	2·2	2·2	2·3	2·8	3·3	4·1	4·5	5·2	5·5	5·9	6·1	6·1	6·1	6·0	5·8	5·2	4·5	3·8	3·4	3·0	2·8	4·1
June .	2·6	2·3	2·1	2·0	2·0	2·0	2·4	2·7	3·3	4·0	4·5	5·1	5·4	5·6	6·0	6·0	6·2	6·1	5·9	5·3	4·4	3·7	3·2	2·8	2·5	4·0
July .	2·4	2·1	2·1	2·1	2·0	2·0	2·2	2·6	3·0	3·7	4·2	4·5	4·8	5·2	5·5	5·4	5·3	5·0	4·8	4·4	3·7	3·3	2·9	2·6	2·3	3·6
August .	2·1	2·0	2·0	1·9	1·9	1·9	1·9	2·1	2·3	3·0	3·4	3·7	4·0	4·3	4·4	4·6	4·5	4·3	4·0	3·4	3·1	2·7	2·5	2·4	2·2	3·0
September .	2·1	2·1	2·1	2·0	1·9	2·0	2·0	2·0	2·2	2·5	3·0	3·5	3·8	4·1	4·4	4·5	4·4	4·1	3·6	3·1	2·7	2·5	2·3	2·2	2·2	2·9
October .	2·1	2·1	2·0	2·0	2·0	2·1	2·0	2·1	2·1	2·2	2·5	3·0	3·3	3·5	3·6	3·7	3·5	3·1	2·8	2·7	2·5	2·4	2·3	2·2	2·1	2·6
November .	2·0	2·1	1·9	2·0	2·0	2·1	2·1	2·2	2·1	2·2	2·3	2·4	2·6	2·6	2·6	2·6	2·5	2·4	2·3	2·2	2·2	2·1	2·1	2·1	2·1	2·2
December .	2·0	2·1	2·0	2·0	2·0	2·1	2·0	2·0	2·0	2·1	2·0	2·1	2·2	2·2	2·3	2·3	2·2	2·1	2·1	2·2	2·1	2·1	2·1	2·1	2·1	2·1
Year .	2·2	2·1	2·0	2·0	2·0	2·0	2·0	2·2	2·4	2·8	3·1	3·4	3·7	4·0	4·1	4·2	4·1	3·9	3·7	3·3	3·0	2·7	2·5	2·3	2·2	2·9

TABLE III.—*continued.*—HOURLY DEPARTURES OF DIFFERENCE OF DRY AND WET BULBS.

BEN NEVIS OBSERVATORY, MAY 1884–DECEMBER 1896.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
January	·0	·0	·0	·1	·0	·1	·0	·1	·0	·1	·1	·0	·1	·0	·1	·1	·0	·0	·1	·0	·1	·0	·0	·0	0·3
February	·0	·0	·0	·0	·0	·0	·0	·0	·1	·0	·0	·0	·1	·1	·0	·1	·0	·0	·1	·1	·1	·0	·0	·0	0·5
March	·0	·0	·0	·1	·0	·1	·0	·1	·0	·0	·0	·0	·0	·0	·0	·0	·1	·0	·0	·0	·0	·0	·0	·0	0·4
April	·1	·1	·1	·0	·1	·0	·1	·1	·1	·0	·0	·0	·0	·1	·1	·0	·0	·1	·2	·2	·1	·1	·1	·1	0·7
May	·1	·1	·1	·1	·2	·1	·0	·0	·0	·0	·1	·1	·2	·2	·2	·1	·0	·1	·1	·2	·2	·2	·2	·1	1·0
June	·3	·3	·3	·2	·2	·1	·0	·0	·1	·0	·1	·2	·3	·4	·3	·2	·1	·1	·0	·2	·2	·3	·3	·3	1·5
July	·2	·2	·1	·1	·1	·0	·0	·1	·0	·2	·2	·2	·3	·2	·2	·2	·1	·0	·1	·1	·2	·3	·2	·3	0·8
August	·0	·0	·1	·1	·1	·0	·0	·1	·1	·1	·1	·1	·1	·1	·2	·1	·1	·1	·0	·0	·1	·1	·0	·0	0·5
September	·2	·1	·2	·2	·2	·1	·1	·1	·1	·2	·3	·3	·3	·3	·3	·2	·1	·1	·1	·0	·1	·1	·2	·2	0·9
October	·0	·0	·0	·0	·1	·1	·1	·0	·0	·0	·0	·0	·0	·0	·1	·1	·1	·1	·1	·1	·1	·1	·0	·1	0·5
November	·0	·0	·1	·1	·1	·0	·0	·0	·0	·0	·0	·1	·0	·0	·1	·1	·0	·0	·0	·0	·0	·0	·0	·1	0·5
December	·0	·1	·0	·1	·0	·0	·0	·0	·0	·0	·0	·0	·0	·0	·0	·0	·0	·0	·0	·0	·0	·0	·0	·0	0·3
Year	·1	·1	·1	·1	·1	·1	·1	·0	·0	·0	·0	·0	·1	·1	·1	·0	·0	·1	·1	·1	·1	·1	·1	·1	0·7

BEN NEVIS OBSERVATORY, AUGUST 1890–DECEMBER 1896.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
January	·0	·1	·0	·0	·0	·0	·0	·0	·0	·0	·0	·0	·0	·0	·0	·1	·0	·0	·0	·0	·0	·0	·0	·0	0·2
February	·0	·0	·0	·1	·1	·0	·0	·1	·2	·1	·1	·0	·0	·0	·1	·0	·0	·0	·1	·1	·0	·0	·0	·1	0·6
March	·1	·0	·0	·0	·1	·0	·0	·1	·1	·0	·1	·0	·0	·0	·0	·1	·1	·1	·0	·1	·1	·0	·0	·1	0·5
April	·1	·1	·1	·0	·1	·0	·0	·1	·0	·1	·1	·1	·2	·2	·1	·1	·0	·1	·3	·3	·2	·2	·1	·1	0·9
May	·1	·1	·0	·1	·2	·2	·1	·0	·1	·2	·3	·4	·5	·4	·4	·2	·2	·1	·1	·1	·1	·1	·1	·1	1·1
June	·5	·3	·4	·3	·2	·1	·0	·0	·1	·0	·1	·3	·5	·6	·5	·4	·3	·2	·1	·2	·2	·3	·4	·4	1·3
July	·2	·2	·2	·2	·2	·1	·0	·0	·0	·2	·2	·3	·4	·3	·3	·2	·1	·0	·1	·2	·1	·2	·3	·2	0·8
August	·1	·0	·1	·0	·1	·0	·0	·1	·2	·1	·0	·0	·0	·0	·1	·0	·0	·0	·0	·1	·1	·1	·1	·1	0·4
September	·2	·2	·2	·3	·2	·2	·1	·0	·1	·1	·2	·3	·3	·3	·3	·2	·2	·0	·0	·1	·0	·1	·2	·1	0·9
October	·1	·1	·1	·0	·0	·0	·0	·1	·1	·1	·1	·0	·0	·0	·1	·1	·1	·1	·1	·1	·1	·1	·1	·0	0·5
November	·1	·1	·0	·0	·0	·0	·1	·1	·0	·0	·0	·1	·1	·0	·1	·0	·0	·0	·0	·0	·0	·0	·1	·1	0·6
December	·1	·1	·1	·1	·1	·0	·0	·0	·0	·0	·0	·0	·0	·0	·0	·0	·0	·0	·0	·0	·1	·0	·0	·0	0·4
Year	·1	·1	·1	·1	·1	·0	·0	·0	·0	·1	·1	·1	·2	·2	·1	·1	·0	·0	·0	·1	·1	·1	·1	·1	0·7

FORT-WILLIAM OBSERVATORY, AUGUST 1890–DECEMBER 1896.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
January	·1	·1	·1	·1	·2	·2	·2	·2	·2	·0	·1	·3	·5	·4	·4	·2	·1	·0	·1	·1	·0	·0	·0	·1	2·0
February	·2	·4	·4	·4	·5	·5	·4	·4	·4	·2	·0	·3	·5	·8	1·0	·8	·6	·3	·1	·1	·0	·1	·2	·2	2·2
March	·7	·8	·9	·9	·9	·9	·8	·7	·4	·1	·3	·7	1·0	1·2	1·3	1·3	1·1	·7	·2	·1	·2	·4	·5	·6	2·7
April	1·2	1·4	1·5	1·5	1·6	1·6	1·4	·9	·3	·3	·8	1·5	1·7	2·0	2·2	2·0	1·7	1·5	·8	·2	·3	·7	1·0	1·2	3·6
May	1·5	1·7	1·8	1·9	1·9	1·8	1·3	·8	·0	·4	1·1	1·4	1·8	2·0	2·0	2·0	1·9	1·7	1·1	·4	·3	·7	1·1	1·3	4·1
June	1·7	1·9	2·0	2·0	2·0	1·6	1·3	·7	·0	·5	1·1	1·4	1·6	2·0	2·0	2·2	2·1	1·9	1·3	·4	·3	·8	1·2	1·5	4·0
July	1·5	1·5	1·5	1·6	1·6	1·4	1·0	·6	·1	·6	·9	1·2	1·6	1·9	1·8	1·7	1·4	1·2	·8	·1	·3	·7	1·0	1·3	3·6
August	1·0	1·0	1·1	1·1	1·1	1·1	·9	·7	·0	·4	·7	1·0	1·3	1·4	1·6	1·5	1·3	1·0	·4	·1	·3	·5	·6	·8	3·0
September	·8	·8	·9	1·0	·9	·9	·9	·7	·2	·1	·6	·9	1·2	1·5	1·6	1·5	1·2	·7	·2	·2	·4	·6	·7	·7	2·9
October	·5	·6	·6	·6	·5	·6	·5	·5	·4	·1	·4	·7	·9	1·0	1·1	·9	·5	·2	·1	·1	·2	·3	·4	·5	2·6
November	·1	·3	·2	·2	·1	·1	·0	·1	·0	·1	·2	·4	·4	·4	·4	·3	·2	·1	·0	·0	·1	·1	·1	·1	2·2
December	·0	·1	·1	·1	·0	·1	·1	·1	·0	·1	·0	·1	·1	·2	·2	·1	·0	·0	·1	·0	·0	·0	·0	·0	2·1
Year	·8	·9	·9	·9	·9	·9	·7	·5	·1	·2	·5	·8	1·1	1·2	1·3	1·2	1·0	·8	·4	·1	·2	·4	·6	·7	2·9

TABLE IV.—RAINFALL—INCHES.

Ben Nevis Observatory, 1885–1896.

	Mid-night.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Total.
Jan.	·602	·685	·722	·799	·728	·760	·738	·670	·680	·663	·772	·669	·626	·616	·614	·639	·598	·615	·581	·627	·538	·592	·582	·584	·606	15·704
Feb.	·465	·458	·515	·513	·487	·561	·430	·445	·432	·432	·502	·601	·583	·587	·455	·513	·518	·542	·484	·485	·548	·540	·528	·546	·474	12·179
Mar.	·528	·508	·562	·572	·519	·593	·596	·581	·492	·473	·484	·481	·449	·505	·517	·576	·619	·625	·546	·532	·517	·487	·505	·472	·513	12·724
Apr.	·255	·279	·302	·300	·294	·239	·302	·306	·238	·221	·232	·243	·281	·288	·285	·232	·212	·252	·260	·233	·269	·263	·277	·231	·256	6·295
May	·239	·223	·247	·224	·319	·308	·289	·251	·234	·252	·244	·263	·335	·353	·324	·370	·361	·334	·362	·285	·276	·239	·232	·239	·233	6·797
June	·292	·240	·301	·302	·253	·292	·288	·282	·242	·268	·245	·250	·304	·318	·348	·436	·331	·359	·362	·321	·341	·315	·277	·299	·296	7·270
July	·371	·366	·408	·377	·390	·398	·469	·414	·410	·413	·385	·423	·476	·504	·400	·397	·404	·433	·507	·479	·464	·382	·422	·385	·367	10·073
Aug.	·549	·578	·643	·660	·646	·523	·534	·471	·458	·417	·465	·509	·527	·671	·668	·695	·638	·594	·612	·570	·580	·506	·496	·508	·570	13·539
Sept.	·653	·632	·591	·678	·692	·611	·595	·614	·622	·696	·746	·753	·604	·674	·640	·588	·696	·537	·621	·635	·645	·645	·670	·629	·647	15·461
Oct.	·607	·643	·676	·648	·654	·765	·680	·581	·626	·650	·614	·583	·613	·679	·552	·569	·591	·633	·613	·565	·527	·517	·561	·594	·619	14·753
Nov.	·611	·565	·552	·595	·577	·612	·586	·550	·646	·565	·594	·525	·587	·660	·577	·581	·607	·628	·591	·557	·531	·635	·628	·595	·603	14·147
Dec.	·562	·637	·651	·702	·575	·554	·565	·538	·574	·603	·646	·649	·679	·707	·726	·591	·699	·707	·649	·584	·634	·702	·651	·592	·561	15·176
Year	5·734	5·814	6·170	6·370	6·134	6·216	6·072	5·703	5·654	5·653	5·929	5·949	6·064	6·562	6·106	6·187	6·274	6·259	6·188	5·873	5·870	5·823	5·829	5·674	5·745	144·118

Ben Nevis Observatory, August 1890–December 1896.

	Mid-night.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Total.
Jan.	·549	·564	·529	·668	·485	·558	·530	·622	·578	·573	·743	·613	·581	·523	·496	·590	·466	·436	·452	·492	·487	·480	·510	·566	·542	13·690
Feb.	·522	·531	·636	·615	·605	·618	·516	·537	·549	·490	·561	·690	·683	·683	·557	·637	·656	·718	·599	·538	·526	·652	·554	·636	·540	14·327
Mar.	·564	·539	·600	·551	·503	·629	·562	·640	·500	·531	·545	·536	·505	·494	·507	·635	·688	·729	·670	·537	·521	·456	·424	·468	·518	13·238
Apr.	·276	·322	·378	·388	·348	·232	·264	·236	·248	·240	·262	·240	·316	·365	·353	·332	·257	·332	·277	·285	·338	·379	·365	·332	·289	7·438
May	·179	·202	·215	·171	·318	·342	·312	·233	·243	·239	·229	·283	·353	·459	·354	·324	·380	·323	·340	·281	·241	·215	·217	·200	·164	6·638
June	·226	·196	·253	·315	·245	·294	·228	·246	·279	·318	·248	·280	·305	·358	·346	·511	·353	·395	·410	·340	·377	·351	·290	·311	·239	7·488
July	·362	·346	·468	·320	·361	·366	·387	·357	·409	·426	·423	·372	·475	·565	·399	·400	·473	·535	·607	·553	·551	·381	·509	·412	·353	10·448
Aug.	·581	·676	·747	·777	·789	·595	·611	·533	·483	·441	·500	·591	·596	·747	·752	·816	·644	·652	·667	·620	·596	·527	·523	·557	·592	15·032
Sept.	·748	·779	·722	·835	·847	·693	·707	·712	·735	·851	·953	·830	·713	·779	·674	·652	·846	·590	·682	·713	·756	·772	·782	·682	·760	18·065
Oct.	·732	·716	·750	·800	·705	·809	·710	·616	·716	·713	·711	·666	·684	·708	·613	·673	·626	·676	·610	·572	·547	·578	·640	·673	·747	16·259
Nov.	·605	·611	·544	·595	·590	·639	·607	·578	·654	·604	·569	·541	·587	·651	·590	·622	·668	·693	·706	·629	·614	·743	·656	·609	·587	14·897
Dec.	·587	·592	·572	·670	·544	·498	·472	·468	·513	·529	·604	·578	·621	·667	·709	·586	·704	·671	·615	·606	·579	·633	·605	·583	·586	14·205
Year	5·931	6·074	6·414	6·705	6·340	6·273	5·906	5·838	5·917	5·955	6·348	6·220	6·419	6·999	6·350	6·778	6·761	6·750	6·635	6·166	6·133	6·167	6·075	6·029	5·923	151·175

Fort-William Observatory, August 1890–December 1896.

	Mid-night.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Total.
Jan.	·340	·272	·269	·319	·315	·367	·374	·470	·336	·357	·363	·160	·236	·194	·234	·265	·312	·337	·281	·300	·366	·281	·322	·258	·345	7·333
Feb.	·209	·207	·304	·240	·272	·300	·274	·287	·299	·320	·368	·230	·318	·413	·322	·304	·335	·232	·259	·238	·231	·312	·300	·302	·244	6·911
Mar.	·256	·308	·368	·314	·235	·266	·294	·233	·203	·302	·286	·140	·184	·189	·232	·320	·326	·291	·260	·255	·286	·243	·268	·323	·238	6·364
Apr.	·119	·171	·130	·165	·138	·144	·141	·096	·092	·115	·132	·064	·087	·079	·087	·121	·105	·109	·113	·124	·181	·225	·176	·145	·125	3·067
May	·089	·146	·111	·116	·125	·182	·167	·122	·115	·088	·108	·075	·158	·194	·213	·148	·153	·142	·109	·106	·090	·124	·078	·076	·079	3·023
June	·134	·138	·109	·120	·132	·164	·109	·173	·158	·171	·094	·055	·132	·174	·145	·172	·186	·153	·188	·126	·185	·111	·092	·094	·138	3·319
July	·166	·168	·209	·199	·162	·217	·212	·139	·140	·115	·173	·099	·214	·255	·221	·226	·250	·227	·309	·240	·260	·149	·211	·182	·162	4·733
Aug.	·284	·365	·434	·385	·420	·333	·302	·311	·263	·234	·227	·203	·398	·370	·408	·407	·297	·258	·254	·295	·221	·249	·269	·268	·291	7·463
Sept.	·305	·284	·326	·320	·316	·318	·349	·324	·417	·470	·516	·402	·363	·300	·260	·319	·359	·284	·287	·266	·296	·306	·327	·294	·316	8·018
Oct.	·501	·480	·418	·441	·378	·392	·331	·264	·277	·257	·267	·184	·268	·304	·299	·251	·249	·252	·298	·231	·287	·296	·310	·434	·511	7·677
Nov.	·387	·386	·318	·345	·368	·351	·322	·315	·319	·294	·356	·211	·216	·363	·368	·381	·418	·346	·387	·408	·393	·389	·343	·368	·361	8·32
Dec.	·351	·373	·342	·351	·329	·299	·312	·264	·281	·278	·380	·281	·350	·421	·454	·416	·395	·396	·383	·380	·398	·367	·315	·352	·352	8·46
Year	3·141	3·298	3·338	3·315	3·190	3·333	3·187	2·998	2·900	3·001	3·270	2·104	2·924	3·256	3·243	3·330	3·385	3·027	3·128	2·969	3·194	3·052	3·011	3·096	3·162	74·71

TABLE IV.—*continued.*—HOURLY DEPARTURES OF RAINFALL.

Ben Nevis Observatory, 1885–1896.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
Jan. .	·033	·070	·147	·075	·107	·085	·017	·027	·010	·118	·015	·028	·038	·040	·015	·057	·040	·074	·028	·117	·063	·074	·072	·050	0·654
Feb. .	·045	·012	·010	·017	·057	·074	·060	·073	·074	·004	·095	·076	·080	·053	·005	·010	·033	·025	·025	·038	·030	·017	·035	·037	·507
Mar. .	·029	·025	·036	·017	·058	·062	·047	·041	·059	·048	·050	·081	·025	·012	·048	·091	·098	·020	·006	·008	·037	·019	·051	·010	·530
Apr. .	·017	·040	·038	·032	·023	·040	·044	·024	·041	·030	·019	·019	·026	·023	·030	·050	·010	·002	·029	·007	·001	·015	·031	·006	·262
May .	·063	·039	·061	·034	·023	·004	·033	·050	·032	·040	·020	·052	·070	·041	·088	·079	·052	·080	·004	·005	·042	·049	·041	·047	·283
June .	·061	·000	·001	·049	·010	·014	·020	·060	·034	·058	·053	·001	·015	·045	·133	·027	·055	·058	·017	·037	·011	·028	·006	·009	·303
July .	·056	·014	·045	·031	·023	·048	·007	·011	·008	·035	·003	·056	·084	·020	·023	·015	·014	·088	·060	·045	·037	·004	·033	·051	·420
Aug. .	·024	·089	·105	·090	·034	·024	·088	·102	·144	·097	·054	·037	·107	·103	·129	·071	·026	·043	·000	·009	·066	·077	·066	·004	·564
Sept. .	·015	·056	·032	·046	·035	·051	·031	·023	·051	·101	·109	·040	·030	·004	·055	·053	·106	·022	·007	·003	·003	·028	·012	·006	·644
Oct. .	·034	·066	·038	·043	·154	·068	·031	·013	·037	·000	·031	·002	·064	·064	·047	·026	·016	·005	·053	·092	·102	·059	·026	·002	·615
Nov. .	·028	·041	·003	·015	·020	·005	·041	·055	·025	·004	·065	·002	·071	·011	·007	·019	·041	·004	·030	·055	·049	·042	·010	·018	·589
Dec. .	·005	·019	·070	·057	·078	·067	·094	·058	·029	·014	·017	·047	·075	·094	·041	·067	·075	·017	·048	·002	·070	·019	·040	·071	·632
Year .	·186	·170	·370	·133	·215	·070	·299	·349	·350	·075	·055	·059	·557	·100	·181	·267	·252	·180	·135	·139	·186	·181	·336	·265	6·005

Ben Nevis Observatory, August 1890–December 1896.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
Jan. .	·019	·016	·123	·060	·013	·015	·077	·033	·028	·198	·068	·036	·022	·049	·045	·079	·109	·093	·053	·058	·065	·035	·021	·003	0·545
Feb. .	·057	·047	·025	·015	·027	·076	·056	·044	·104	·034	·094	·086	·086	·041	·038	·056	·117	·002	·064	·077	·048	·050	·031	·066	·597
Mar. .	·038	·025	·022	·068	·060	·005	·075	·063	·030	·014	·021	·050	·059	·044	·086	·141	·184	·127	·004	·018	·081	·111	·065	·013	·554
Apr. .	·018	·074	·083	·043	·074	·042	·011	·059	·068	·047	·069	·006	·055	·042	·021	·055	·019	·036	·029	·024	·064	·050	·016	·027	·310
May .	·082	·069	·112	·035	·060	·031	·048	·037	·040	·050	·005	·076	·182	·078	·049	·105	·049	·067	·008	·031	·056	·054	·070	·106	·277
June .	·110	·053	·008	·062	·014	·080	·063	·030	·008	·063	·031	·007	·046	·033	·198	·039	·080	·095	·024	·061	·034	·027	·007	·079	·312
July .	·093	·029	·119	·077	·072	·051	·080	·028	·010	·013	·064	·040	·130	·035	·034	·039	·102	·174	·121	·119	·051	·078	·019	·078	·435
Aug. .	·055	·126	·156	·167	·027	·012	·090	·141	·183	·125	·034	·030	·121	·125	·189	·016	·024	·038	·009	·034	·103	·108	·074	·039	·626
Sept. .	·032	·026	·087	·098	·056	·043	·038	·016	·100	·201	·078	·040	·026	·080	·102	·091	·165	·074	·043	·001	·015	·024	·076	·001	·753
Oct. .	·046	·080	·129	·034	·137	·037	·057	·042	·038	·036	·010	·007	·031	·065	·006	·053	·004	·071	·109	·135	·105	·043	·011	·063	·677
Nov. .	·019	·085	·033	·038	·012	·019	·047	·039	·020	·054	·081	·034	·030	·030	·003	·050	·076	·089	·013	·001	·129	·042	·004	·025	·621
Dec. .	·000	·020	·078	·048	·094	·120	·124	·079	·063	·012	·014	·029	·075	·117	·006	·112	·079	·023	·014	·013	·041	·013	·009	·006	·592
Year .	·229	·111	·403	·038	·029	·395	·463	·384	·345	·048	·080	·120	·700	·052	·480	·463	·453	·338	·131	·163	·129	·221	·266	·372	6·299

Fort-William Observatory, August 1890–December 1896.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
Jan. .	·032	·035	·015	·011	·063	·069	·165	·031	·052	·058	·146	·070	·112	·072	·042	·005	·030	·026	·007	·058	·027	·014	·050	·037	0·306
Feb. .	·064	·032	·032	·003	·023	·004	·007	·018	·037	·084	·056	·031	·124	·032	·012	·042	·063	·037	·060	·068	·011	·002	·002	·061	·288
Mar. .	·034	·095	·042	·037	·005	·024	·036	·066	·034	·019	·126	·081	·076	·032	·057	·064	·030	·001	·005	·027	·015	·010	·066	·018	·265
Apr. .	·046	·005	·039	·012	·018	·015	·031	·035	·012	·005	·064	·041	·049	·041	·008	·024	·020	·016	·006	·051	·095	·046	·014	·006	·128
May .	·015	·020	·014	·005	·053	·038	·006	·013	·040	·019	·052	·032	·068	·088	·023	·029	·018	·015	·017	·033	·002	·044	·045	·042	·126
June .	·002	·027	·016	·005	·027	·028	·036	·021	·034	·044	·083	·006	·036	·007	·034	·047	·014	·049	·013	·046	·028	·048	·046	·002	·138
July .	·031	·010	·000	·036	·019	·014	·059	·058	·083	·024	·098	·017	·058	·024	·029	·054	·031	·113	·044	·064	·047	·016	·013	·033	·197
Aug. .	·051	·120	·071	·106	·020	·011	·002	·049	·078	·085	·108	·087	·059	·097	·097	·013	·052	·055	·014	·088	·059	·039	·040	·017	·311
Sept. .	·045	·003	·009	·014	·012	·018	·007	·085	·138	·183	·069	·029	·034	·075	·016	·023	·052	·050	·071	·042	·032	·012	·045	·023	·334
Oct. .	·165	·103	·125	·062	·075	·014	·054	·041	·061	·052	·135	·052	·016	·022	·070	·073	·070	·024	·092	·036	·028	·014	·109	·186	·320
Nov. .	·026	·041	·013	·011	·004	·032	·038	·033	·057	·006	·138	·132	·017	·023	·037	·075	·004	·046	·068	·054	·052	·007	·033	·027	·347
Dec. .	·020	·011	·002	·024	·054	·041	·089	·072	·075	·027	·072	·003	·068	·101	·063	·042	·043	·030	·027	·045	·014	·038	·001	·001	·353
Year .	·195	·235	·211	·085	·227	·080	·110	·209	·109	·159	1·008	·189	·143	·129	·215	·269	·090	·010	·150	·074	·069	·111	·027	·039	3·113

TABLE V.—SUNSHINE—HOURS.

Ben Nevis Observatory, February 1884–December 1896.

	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	Sum.	Total Possible.	Pe cen
Jan. .	–	–	–	–	–	0·32	2·55	3·52	3·69	4·45	4·44	3·66	1·72	0·08	–	–	–	–	24·43	231·43	1
Feb. .	–	–	–	–	0·57	3·11	5·14	5·40	5·69	5·76	5·74	5·08	4·57	2·55	0·25	–	–	–	43·86	267·51	1
Mar. .	–	–	0·01	0·44	3·09	4·78	5·68	6·23	6·98	6·61	6·29	5·87	5·33	4·18	1·85	0·22	–	–	57·56	365·44	1
Apr. .	–	–	1·48	4·25	6·90	7·78	8·18	8·48	8·37	8·22	7·31	7·10	6·24	5·61	4·30	1·63	0·10	–	85·95	426·45	2
May .	0·05	1·92	5·20	6·88	7·32	7·53	7·72	8·49	8·72	8·84	8·01	7·03	6·99	6·46	6·80	5·77	2·99	0·32	107·04	508·40	2
June .	0·49	4·88	7·50	8·58	8·92	9·22	8·95	8·96	8·94	8·89	8·32	8·31	8·02	7·84	8·05	8·00	6·34	1·56	131·77	528·97	2
July .	0·06	1·62	4·33	5·56	5·78	5·97	6·20	6·18	5·99	6·12	5·90	5·31	4·90	4·47	3·94	3·62	2·47	0·34	78·76	528·16	1
Aug. .	–	0·06	1·17	3·01	3·90	4·41	4·63	4·95	4·45	4·43	4·54	4·07	3·40	3·19	2·66	1·81	0·36	–	51·04	467·28	1
Sept. .	–	–	0·05	1·64	4·99	6·32	6·15	6·64	6·78	7·02	6·37	6·31	5·64	4·16	2·13	0·12	–	–	64·32	381·38	1
Oct. .	–	–	–	0·24	2·20	3·84	4·89	5·58	5·45	4·72	4·45	4·18	3·42	1·25	0·04	–	–	–	40·26	319·32	1
Nov. .	–	–	–	–	0·16	1·92	3·51	4·21	4·16	4·16	4·23	3·91	1·70	0·25	–	–	–	–	28·21	241·86	1
Dec. .	–	–	–	–	–	0·18	2·27	3·42	3·68	3·63	3·25	2·51	0·34	–	–	–	–	–	19·28	210·18	
Year .	0·60	8·48	19·74	30·60	43·83	55·38	65·87	72·06	72·90	72·85	68·85	63·34	52·27	40·04	30·02	21·17	12·26	2·22	732·48	4476·38	1

Ben Nevis Observatory, August 1890–December 1896.

	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	Sum.	Total Possible.	P ce
Jan. .	–	–	–	–	–	0·60	2·50	2·89	2·58	3·70	4·37	3·21	0·81	0·02	–	–	–	–	20·68	231·43	
Feb. .	–	–	–	–	0·91	3·52	5·30	5·52	5·78	5·62	5·84	5·54	4·54	2·35	0·03	–	–	–	44·95	267·77	1
Mar. .	–	–	0·02	0·95	4·71	6·38	6·80	7·09	8·36	8·11	7·96	6·86	6·74	5·80	2·02	–	–	–	71·80	365·44	2
Apr. .	–	–	2·41	5·84	7·62	8·53	8·32	8·85	9·14	9·47	8·15	7·99	7·06	6·74	5·57	1·35	0·02	–	97·06	426·45	2
May .	0·11	2·82	5·84	8·02	8·72	8·42	8·78	9·58	10·57	10·51	9·42	7·95	7·68	7·31	7·71	6·24	2·55	0·05	122·28	508·40	2
June .	0·99	6·47	8·38	8·53	8·58	9·09	8·75	8·99	8·69	8·93	8·47	8·20	7·86	7·62	7·86	8·06	6·27	0·76	132·50	528·97	2
Jul. .	0·14	2·22	4·98	6·02	5·77	6·41	6·81	6·64	6·69	6·68	6·40	5·67	4·87	4·16	3·64	3·48	2·40	0·34	83·32	528·16	1
Aug. .	–	0·10	0·98	2·47	3·77	4·34	4·32	4·53	3·60	4·45	3·87	3·47	2·64	2·58	2·00	1·34	0·18	–	44·64	467·28	1
Sept. .	–	–	0·09	1·85	4·58	5·73	5·70	5·87	6·30	6·92	6·23	6·27	5·80	4·05	1·70	0·30	–	–	61·39	381·38	1
Oct. .	–	–	–	0·44	3·06	4·37	5·50	6·65	6·38	5·41	5·13	4·71	3·62	1·29	–	–	–	–	46·56	319·32	1
Nov. .	–	–	–	–	0·41	2·99	4·24	4·72	4·65	4·84	4·58	4·21	1·72	0·02	–	–	–	–	32·38	241·86	1
Dec. .	–	–	–	–	–	0·24	2·52	3·59	3·80	3·56	2·99	2·32	0·12	–	–	–	–	–	19·14	210·18	
Year .	1·24	11·61	22·70	34·12	48·13	60·62	69·54	74·[illegible]2	76·54	78·20	73·41	66·40	53·46	41·94	30·53	20·77	11·42	1·15	776·70	4476·64	1

Fort-William Observatory, August 1890–December 1896.

	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	Sum.	Total Possible.	P ce
Jan. .	–	–	–	–	–	–	0·08	2·19	6·25	6·98	6·40	3·52	0·28	–	–	–	–	–	25·70	155·26	
Feb. .	–	–	–	–	–	0·34	4·40	7·86	8·07	8·89	9·69	8·46	5·47	1·05	–	–	–	–	54·23	204·35	
Mar. .	–	–	–	0·04	3·57	9·30	11·43	12·29	13·13	13·52	13·19	13·32	11·21	6·85	1·18	–	–	–	109·03	304·35	
Apr. .	–	–	0·67	6·34	11·03	13·56	14·39	14·47	14·86	14·35	14·54	12·88	12·07	10·20	7·16	0·56	–	–	147·08	364·45	
May .	–	1·80	7·20	11·16	12·79	13·37	13·88	14·64	15·54	15·13	14·94	13·77	13·71	13·18	11·94	6·40	0·22	–	179·67	450·40	
June .	–	4·24	9·75	10·91	11·70	13·01	13·76	13·35	13·03	12·89	12·86	13·48	13·67	13·30	12·64	10·02	3·31	–	181·92	468·82	
July .	0·04	1·50	5·16	7·15	7·86	8·70	9·40	9·11	9·56	10·11	10·53	11·27	9·56	8·94	7·59	5·70	1·03	–	123·21	468·04	
Aug. .	–	0·02	0·75	3·74	5·64	6·48	7·84	8·47	8·89	9·03	9·30	9·93	9·00	8·31	5·87	1·49	0·01	–	94·77	404·95	
Sept. .	–	–	–	0·71	4·98	8·80	9·16	10·17	10·73	11·27	11·77	11·15	10·69	7·08	1·58	–	–	–	98·09	322·95	
Oct. .	–	–	–	–	0·20	4·69	10·13	12·02	11·87	10·71	10·16	9·23	6·51	1·04	–	–	–	–	76·56	252·70	
Nov. .	–	–	–	–	–	–	1·35	5·00	5·80	6·32	5·64	3·75	0·52	–	–	–	–	–	28·38	171·63	
Dec. .	–	–	–	–	–	–	–	0·51	4·50	5·02	3·38	1·04	–	–	–	–	–	–	14·45	121·48	
Year .	0·04	7·56	23·53	40·05	57·77	78·25	95·82	110·08	122·23	124·22	122·40	111·80	92·69	69·95	47·96	24·17	4·57	–	1133·09	3690·38	

TABLE VI.—WIND FORCE (0—12).

N NEVIS OBSERVATORY, 1884–1896.

	Mid-night.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
n.	3·12	3·20	3·23	3·23	3·21	3·00	3·03	3·08	3·00	3·02	2·98	3·02	3·01	3·00	2·91	2·85	2·92	2·94	2·96	2·88	2·90	2·99	2·99	3·09	3·12	3·02
b	2·92	2·86	2·92	2·85	2·89	2·71	2·78	2·76	2·76	2·76	2·74	2·79	2·75	2·69	2·66	2·65	2·68	2·60	2·68	2·69	2·76	2·94	2·95	2·96	2·94	2·78
ar	2·81	2·79	2·77	2·73	2·70	2·57	2·59	2·58	2·64	2·63	2·56	2·61	2·58	2·54	2·42	2·39	2·37	2·39	2·46	2·47	2·57	2·69	2·69	2·73	2·79	2·59
r.	2·39	2·34	2·33	2·42	2·36	2·23	2·27	2·32	2·29	2·26	2·21	2·17	2·10	2·10	2·11	2·10	2·12	2·07	2·13	2·14	2·26	2·41	2·40	2·42	2·42	2·25
y	2·28	2·27	2·32	2·31	2·27	2·20	2·21	2·19	2·20	2·18	2·16	2·13	2·05	2·03	1·91	1·91	1·88	1·91	1·98	2·03	2·06	2·15	2·20	2·21	2·25	2·13
ne	1·91	1·99	2·05	2·05	2·02	1·95	1·99	1·86	1·82	1·74	1·77	1·75	1·71	1·73	1·69	1·67	1·62	1·67	1·65	1·67	1·69	1·80	1·77	1·82	1·91	1·81
ly	1·88	1·93	2·00	2·04	2·01	1·83	1·88	1·82	1·85	1·69	1·66	1·52	1·53	1·49	1·52	1·60	1·60	1·51	1·57	1·60	1·74	1·83	1·79	1·85	1·87	1·74
g.	1·97	1·92	2·02	1·98	1·99	1·91	1·87	1·85	1·72	1·66	1·61	1·56	1·50	1·47	1·50	1·51	1·55	1·54	1·57	1·64	1·74	1·83	1·83	1·91	1·94	1·73
t.	2·23	2·18	2·30	2·31	2·22	2·07	2·09	2·13	2·06	2·03	1·98	2·00	1·97	1·96	2·05	2·01	1·98	1·90	1·98	1·98	2·09	2·21	2·21	2·22	2·28	2·09
t.	2·60	2·54	2·60	2·59	2·60	2·43	2·39	2·39	2·46	2·46	2·45	2·33	2·26	2·17	2·28	2·27	2·32	2·43	2·37	2·43	2·52	2·63	2·65	2·66	2·64	2·45
ov.	2·93	2·88	2·93	2·85	2·89	2·80	2·80	2·85	2·78	2·85	2·80	2·82	2·86	2·83	2·71	2·70	2·72	2·69	2·70	2·67	2·72	2·86	2·81	2·84	2·87	2·80
ec.	2·81	2·83	2·87	2·86	2·83	2·74	2·79	2·81	2·84	2·84	2·86	2·84	2·86	2·83	2·74	2·74	2·73	2·73	2·76	2·67	2·80	2·80	2·79	2·76	2·83	2·80
ar	2·49	2·48	2·53	2·52	2·50	2·37	2·39	2·39	2·37	2·35	2·32	2·30	2·27	2·24	2·21	2·20	2·21	2·20	2·23	2·24	2·32	2·43	2·42	2·46	2·49	2·35

HOURLY DEPARTURES.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
ua .	·18	·21	·21	·19	·02	·01	·06	·02	·00	·04	·00	·01	·02	·11	·17	·10	·08	·06	·14	·12	·03	·03	·07	·10	3·02
bru .	·09	·15	·08	·12	·06	·01	·02	·02	·02	·04	·01	·03	·09	·12	·13	·10	·18	·10	·10	·03	·15	·16	·17	·15	2·78
rch .	·19	·17	·13	·10	·03	·01	·01	·05	·04	·03	·02	·01	·05	·17	·20	·22	·20	·13	·11	·01	·11	·11	·15	·21	2·59
ril .	·10	·09	·18	·12	·01	·03	·08	·05	·01	·04	·08	·15	·15	·14	·15	·13	·19	·13	·12	·00	·15	·14	·16	·16	2·25
.	·13	·18	·17	·13	·06	·07	·05	·06	·05	·03	·00	·08	·10	·22	·22	·25	·21	·14	·09	·06	·03	·08	·09	·13	2·13
e .	·18	·24	·24	·21	·14	·18	·05	·01	·07	·04	·06	·10	·08	·12	·14	·19	·14	·16	·14	·12	·01	·04	·01	·10	1·81
.	·19	·26	·30	·27	·09	·14	·08	·11	·05	·08	·22	·21	·25	·22	·14	·14	·23	·17	·14	·00	·09	·05	·11	·13	1·74
gust .	·18	·28	·24	·25	·17	·13	·11	·02	·07	·12	·17	·23	·26	·23	·22	·18	·18	·15	·08	·02	·11	·11	·19	·22	1·73
pteme r .	·11	·23	·24	·15	·00	·01	·05	·02	·05	·10	·09	·12	·13	·04	·09	·12	·20	·12	·12	·02	·10	·10	·11	·17	2·09
Octobe .	·11	·17	·16	·16	·01	·05	·05	·02	·02	·00	·12	·19	·28	·17	·18	·14	·03	·09	·03	·06	·17	·18	·19	·17	2·45
Novem r .	·05	·10	·03	·07	·02	·02	·04	·03	·04	·01	·02	·06	·03	·09	·09	·07	·10	·09	·11	·06	·08	·03	·07	·10	2·80
Decem r .	·04	·08	·07	·04	·05	·00	·01	·04	·04	·06	·04	·06	·03	·06	·06	·07	·07	·04	·14	·01	·01	·02	·05	·02	2·80
Year .	·13	·18	·17	·15	·02	·04	·04	·02	·00	·03	·05	·08	·11	·14	·15	·14	·15	·12	·11	·03	·08	·07	·11	·14	2·35

TABLE VII.—AMOUNT OF CLOUD (0—10).

BEN NEVIS OBSERVATORY, 1884–1896.

	Mid-night.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
January .	8·5	8·5	8·5	8·5	8·7	8·6	8·6	8·6	8·8	8·8	8·9	8·9	8·9	8·8	8·7	8·8	8·8	8·7	8·6	8·7	8·7	8·7	8·4	8·4	8·5	8·7
February .	8·2	8·2	8·3	8·1	8·0	8·1	8·0	8·3	8·4	8·3	8·1	8·1	8·3	8·2	8·5	8·5	8·4	8·5	8·3	8·2	8·2	8·2	8·2	8·1	8·2	8·2
March .	7·9	8·0	8·0	8·1	8·1	8·0	8·3	8·2	8·4	8·5	8·5	8·2	8·4	8·6	8·5	8·6	8·6	8·7	8·5	8·4	8·2	8·0	8·0	8·0	7·9	8·3
April .	7·5	7·6	7·7	7·4	7·6	7·6	7·7	7·6	7·5	7·6	8·0	8·0	8·1	8 4	8·3	8·4	8·5	8·4	8·4	8·5	8·2	7·9	7·7	7·5	7·5	7·9
May . .	7·3	7·1	7·3	7·4	7·6	7·8	8·0	7·9	7·9	8·2	8·2	8·2	8·3	8·3	8·5	8·4	8·5	8·4	8·1	8·0	7·9	7·8	7·7	7·5	7·2	7·9
June . .	7·3	7·0	7·2	7·0	7·2	7·4	7·4	7·3	7·4	7·6	7·9	8·0	8·1	8·1	8·2	8·1	8·0	7·9	7·8	7·7	7·3	7·3	7·2	7·1	7·2	7·6
July . .	8·2	8·2	8·2	8·2	8·4	8·4	8·4	8·3	8·4	8·6	8·8	8·9	9·1	9·0	9·0	9·0	9·0	9·1	9·1	8·8	8·7	8·6	8·5	8·3	8·2	8·6
August .	8·5	8·3	8·5	8·7	8·9	8·9	8·9	9·0	8·8	9·0	9·1	9·2	9·3	9·3	9·3	9·4	9·3	9·3	9·3	9·2	8·9	8·8	8·5	8·4	8·4	8·9
September .	7·9	7·8	7·9	7·6	7·6	8·0	8·2	8·1	8·1	8·2	8·3	8·3	8·4	8·5	8·6	8·5	8·6	8·7	8·6	8·3	8·1	8·0	7·8	7·7	7·9	8·2
October .	8·4	8·2	8·4	8·1	8·0	8·2	8·6	8·6	8·5	8·5	8·5	8·5	8·9	9·0	9·0	8·9	8·8	8·8	8·7	8·5	8·5	8·5	8·4	8·4	8·4	8·5
November .	8·4	8·5	8·4	8·5	8·3	8·3	8·3	8·3	8·4	8·5	8·6	8·5	8·8	8·7	8·6	8·6	8·5	8·4	8·0	8·0	8·4	8·3	8·2	8·4	8·4	8·4
December .	8·5	8·7	8·5	8·5	8·5	8·5	8·6	8·5	8·6	8·8	8·7	8·8	8·8	8·9	8·8	8·9	9·0	8·8	8·5	8·5	8·4	8·6	8·5	8·5	8·5	8·6
Year . .	8·0	8·0	8·1	8·0	8·1	8·1	8·2	8·2	8·3	8·4	8·4	8·5	8·6	8·6	8·7	8·7	8·7	8·6	8·5	8·4	8·3	8·2	8·1	8·0	8·0	8·3

HOURLY DEPARTURES.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
January . .	2	2	2	0	1	1	1	1	1	2	2	2	1	0	1	1	0	1	0	0	0	3	3	2	8·7
February . .	0	1	1	2	1	2	1	2	1	1	1	1	0	3	3	2	3	1	0	0	0	0	1	0	8·2
March . . .	3	3	2	2	3	0	1	1	2	2	1	1	3	2	3	3	4	2	1	1	3	3	3	4	8·3
April . . .	3	2	5	3	3	2	3	4	3	1	1	2	5	4	5	6	5	5	6	3	0	2	4	4	7·9
May . . .	8	6	5	3	1	1	0	0	3	3	3	4	4	6	5	6	5	2	1	0	1	2		7	7·9
June . . .	6	4	6	4	2	2	3	2	0	3	4	5	5	6	5	4	3	2	1	3	3	4	5	4	7·6
July . . .	4	4	4	2	2	2	3	2	0	2	3	5	4	4	4	4	5	5	2	1	0	1	3	4	8·6
August . .	6	4	2	0	0	0	1	1	1	2	3	4	4	4	5	4	4	4	3	0	1	4	5	5	8·9
September . .	4	3	6	6	2	0	1	1	0	1	1	2	3	4	3	4	5	4	1	1	2	4	5	3	8·2
October . .	3	1	4	5	3	1	1	0	0	0	0	4	5	5	4	3	3	2	0	0	0	1	1	1	8·5
November . .	1	0	1	1	1	1	1	0	1	2	1	4	3	2	2	1	0	4	4	0	1	2	0	0	8·4
December . .	1	1	1	1	1	0	1	0	2	1	2	2	3	2	3	4	2	1	1	2	0	1	1	1	8·6
Year . . .	3	2	3	2	2	1	1	0	1	1	2	3	3	4	4	4	3	2	1	0	1	2	3	3	8·3

TABLE VIII.—MEAN TEMPERATURES IN STEVENSON SCREEN.

FORT-WILLIAM OBSERVATORY, AUGUST 1890–DECEMBER 1896.

	9	10	14	21	22	Max.	Min.	Black Bulb.	Ground Min.
January	37·3	37·7	39·3	37·9	38·0	42·5	32·5	–	–
February	38·0	38·9	42·2	39·0	38·8	44·7	34·0	71·7	31·1
March	39·6	40·8	44·5	40·2	39·6	47·2	34·2	89·6	31·4
April	45·5	47·3	51·4	45·2	44·2	54·0	38·6	105·4	34·3
May	50·8	52·4	56·1	49·8	48·8	58·6	42·9	115·2	38·6
June	56·0	57·4	60·6	55·0	53·7	63·2	48·0	116·5	44·2
July	57·2	58·4	60·9	56·0	55·0	63·6	50·7	117·7	47·3
August	55·9	57·3	59·8	55·0	54·5	62·3	50·7	111·0	48·1
September	52·9	54·4	57·4	52·7	51·9	59·9	47·3	103·1	–
October	44·7	46·2	49·0	45·1	44·7	51·8	39·9	84·4	–
November	42·5	43·2	45·0	42·7	42·6	47·6	37·7	64·0	34·8
December	39·3	39·5	40·9	39·6	39·5	44·1	34·6	52·0	–
Year	46·6	47·8	50·6	46·5	45·9	53·3	40·9	–	–

DIFFERENCE OF STEVENSON FROM THERMOGRAPH SCREEN.

Stevenson higher in bold type; lower in italic.

	9	10	14	21	22	Max.	Min.
January	*·2*	**·1**	**·1**	*·1*	*·0*	**·5**	*1·1*
February	*·0*	**·3**	**·5**	**·1**	**·1**	**1·3**	*·7*
March	**·2**	**·4**	**·6**	*·0*	*·0*	**1·2**	*·8*
April	*·0*	**·3**	**·5**	*·2*	*·3*	**2·0**	*·6*
May	*·2*	**·2**	**·4**	*·3*	*·2*	**·2**	*1·4*
June	*·3*	*·1*	**·2**	*·4*	*·5*	**·0**	*·7*
July	*·2*	**·1**	*·0*	*·4*	*·4*	**·0**	*·7*
August	*·4*	**·1**	**·2**	*·5*	*·4*	**·4**	*·5*
September	*·0*	**·3**	**·4**	*·1*	*·3*	**·8**	*·8*
October	*·0*	**·5**	**·3**	*·2*	*·3*	**1·2**	*·9*
November	*·0*	**·3**	**·3**	*·1*	*·0*	**·6**	*·9*
December	*·1*	**·1**	**·2**	*·0*	*·0*	**·6**	*·7*
Year	*·1*	**·2**	**·3**	*·2*	*·2*	**·7**	*·9*

TABLE IX.—WIND DIRECTIONS.

BEN NEVIS OBSERVATORY, 1884–1896.

Percentages to 8 points.

	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
January	19·1	10·4	6·5	11·5	11·5	15·3	12·5	10·5	2·7
February	18·9	9·4	7·8	14·5	12·1	14·1	11·1	9·2	2·9
March	21·1	12·2	7·4	12·3	10·4	13·3	10·9	9·1	3·3
April	16·4	11·0	10·3	17·3	12·8	9·8	9·2	6·2	7·0
May	15·1	10·7	11·6	18·4	13·4	10·1	8·6	5·5	6·6
June	17·1	6·8	8·6	13·2	12·1	12·3	12·4	7·5	10·0
July	21·4	4·8	7·4	13·0	12·5	11·8	11·5	7·4	10·2
August	23·6	4·1	5·0	8·8	14·0	13·6	14·2	7·5	9·2
September	18·8	4·3	5·1	10·9	14·2	15·4	16·7	8·2	6·4
October	30·4	8·5	6·4	10·1	9·5	11·6	10·4	7·6	5·5
November	19·1	6·2	7·8	15·6	11·7	15·4	12·1	8·6	3·5
December	21·7	7·5	5·6	12·9	12·3	15·6	11·8	9·4	3·2
Year	20·2	8·0	7·5	13·2	12·2	13·2	11·8	8·0	5·9

APPENDIX.

The first volume of the Ben Nevis observations, published in 1890, contains an account of the foundation of the Observatory and a summary of the results deduced from the observations up to that time. The Low Level Observatory in Fort-William was opened in July 1890. Since then several new lines of investigation have opened up, more especially in regard to the double series of hourly observations at the two Observatories. The results, as far as they have gone, of some of these more recent discussions are given here, and also abstracts of papers on subjects connected with the Observatories that have appeared in the publications of the Royal Society of Edinburgh and the Scottish Meteorological Society since the first volume was issued.

The last items in this Appendix are tables for adjusting hourly values and for reducing the Ben Nevis barometer to sea level.

Diurnal Range of the Barometer in Fine and in Cloudy Weather.

By Alex. Buchan, LL.D., F.R.S., and R. T. Omond.

This investigation was undertaken with the view of ascertaining how the mean hourly values of the barometer differed on days in which radiation, solar and terrestrial, was great from days in which it was interfered with by clouds. A preliminary examination of the barometric readings at the Ben Nevis and Fort-William Observatories showed that there was a well marked difference between the diurnal fluctuations in these two kinds of weather; and the investigation was thereafter extended to several other places in the northern hemisphere. The materials for this work are only available from comparatively few places, it being necessary to have before us the hourly readings of the barometer for every day, and also an hourly record either of sunshine or of cloud. These two separate data have not been published for any place in the British Islands except Ben Nevis and Fort-William. But several of the Continental meteorological observatories give in their reports the readings of the barometer and the amount of bright sunshine at each hour of each day. Certain tropical stations also give these data, while at the special Arctic stations where observations were taken in 1882 and 1883, hourly readings of the barometer and of the amount of cloud are given. The records of the following nine stations have been utilised in this discussion.

	Lat. N.	Long.	Height Feet
San José, Costa Rica . . .	9° 56′	84° 0′ W.	3756
Hong Kong, China . . .	22 18	114 11 E.	110
Trieste, Austria	45 39	13 46 E.	85
Magdeburg, Germany . . .	52 8	11 38 E.	177
Ben Nevis, Scotland . . .	56 48	5 1 W.	4407
Fort-William, „ . . .	56 49	5 7 W.	42
Sodankylä, Finland . . .	67 24	26 36 E.	594
Bossekop, Norway . . .	69 57	23 15 E.	35
Jan Mayen, North Atlantic . .	70 59	8 28 W.	98

These stations extend from the tropics to the Arctic regions, and include inland, coast, and island stations. At each of the first six stations a period of three years was taken, but at the three Arctic stations only one year was available. At each place days were selected on which the sky was clear or only slightly clouded during the whole day, and the hourly barometric readings for these days taken, grouping them according to months. Then similarly readings were taken of those days in which the sky was overcast or nearly so all day, the only exception being at Ben Nevis, where, instead of overcast, days of continuous fog were taken for the cloudy period. No

account was taken of whether rain was falling or not in selecting the days, nor of any other meteorological condition except clear or clouded skies.

With each day was included the midnight of the previous day, so as to show by the difference of the two midnights when the barometer was, on the whole, rising or falling during the periods selected; and also to give the means of eliminating this general rise or fall in order to arrive at the strictly diurnal phenomena. The method used for this elimination and a table for facilitating it are given on page 543.

This adjustment of the hourly values is necessary to disentangle the diurnal changes from those of longer periods; otherwise the entries in the tables are simply arithmetical means of the barometers reduced to 32° but not to sea level.

The result may be broadly stated thus. The diurnal curve with double maximum and minimum points is distorted in the same way at all the stations—namely, in fine days, the forenoon maximum and afternoon minimum are increased while the evening maximum and early morning minimum are diminished. On cloudy days the reverse takes place, the evening maximum and early morning minimum being increased and the forenoon maximum and afternoon minimum diminished. These effects are larger at temperate and Arctic stations than in the tropics, although there the diurnal fluctuations are so much greater.

The numerical values for each station are given in the accompanying tables (pages 455 to 463), showing for each station—

1st. The diurnal range of the barometer for each month of the year, without any selection of special days.

2nd. The diurnal range on days with little or no cloud, these days being grouped and averaged in their respective months.

3rd. The diurnal range on days when the sky was overcast, or nearly so, all day, similarly grouped and averaged.

Each table is arranged in the same manner. Each of the twenty-four hours of the day occupy a column, and each of the twelve months a line. At the right hand is given the mean value for each month of the barometer in inches and decimals, and under each hour the difference between the mean at that hour, and the general mean of the month in thousandths of an inch, heavy type figures indicating that the hourly mean exceeds the general mean, and italic figures the reverse. At the foot of each table is given the values for the year, being the average of the twelve monthly values. In the tables for fine and cloudy days the total number of selected days in each month is given in the column headed "Days."

It is well known that the diurnal range of the barometer is greatest near the Equator and diminishes almost to vanishing in the Arctic regions. This is well illustrated in the

means for the complete months at these nine stations, the difference between the highest and lowest hourly value on the mean of the year being as follows :—

	Lat. N.	Highest.	Lowest.	Range.
San José	9°·56′	+ ·031	− ·046	·077
Hong Kong . . .	22 18	+ ·045	− ·044	·089
Trieste	45 39	+ ·011	− ·014	·025
Magdeburg . . .	52 8	+ ·012	− ·013	·025
Ben Nevis	56 48	+ ·009	− ·015	·024
Fort William . . .	56 49	+ ·009	− ·010	·019
Sodankylä . . .	67 24	+ ·004	− ·006	·010
Bossekop . . .	69 57	+ ·005	− ·005	·010
Jan Mayen . . .	70 59	+ ·005	− ·006	011

This steady diminution of barometric range with increase of latitude, and the fact that the double diurnal oscillation of the barometer appears at all these stations on the mean of the year, indicates that they may be taken as a typical set of stations. At Ben Nevis, being a mountain station, the afternoon minimum of pressure is small, but it does not wholly disappear. This remark applies to all places more or less under the influence of land. But in the Arctic Ocean in the summer months, at a distance from land, the diurnal barometric curve shows only one maximum and minimum in the day.

Turning now to the tables for each place giving the mean range on fine and cloudy days, it appears that at the tropical stations there is little difference between the hourly departures on either fine or cloudy days from the normal hourly curves for the complete months, but at temperate and Arctic stations, the fine and cloudy days differ considerably; indeed, in the Arctic regions the fine and cloudy day curves are so distinct that the difference between them is greater than the amount of the normal diurnal range of the complete months.

The following table gives the difference in thousandths of an inch between fine and cloudy days at the nine stations on the mean of the year; the heavy figures indicating that the barometer is higher on fine than on cloudy days, and the italic figures the reverse.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.
San José .	2	3	5	6	6	7	6	7	3	*1*	*1*	*3*	*6*	*8*	*9*	*8*	*7*	*5*	*2*	*0*	*0*	0	2	1
Hong Kong .	2	4	7	9	10	9	10	10	8	5	3	1	1	*5*	*7*	*10*	*10*	*12*	*10*	*8*	*7*	*6*	*3*	*2*
Trieste . .	*9*	*4*	1	6	9	12	14	15	12	8	6	7	6	4	1	*2*	*5*	*7*	*11*	*10*	*11*	*11*	*13*	*17*
Magdeburg .	*14*	*11*	*5*	*1*	4	10	13	17	18	17	15	11	8	4	1	*3*	*5*	*7*	*8*	*9*	*11*	*13*	*15*	*19*
Ben Nevis .	*19*	*12*	*9*	*4*	*2*	3	6	8	12	13	14	14	14	13	10	7	5	2	*3*	*7*	*10*	*15*	*19*	*24*
Fort William	*18*	*10*	*2*	4	10	15	19	22	23	20	17	13	8	3	0	*4*	*8*	*10*	*11*	*13*	*15*	*18*	*20*	*25*
Sodankylä .	*5*	*1*	3	7	9	10	12	9	7	7	4	1	*1*	*1*	*4*	*5*	*6*	*5*	*7*	*5*	*7*	*6*	*8*	*10*
Bossekop .	*15*	*8*	*1*	5	10	15	18	18	17	12	11	7	4	1	*1*	*2*	*6*	*9*	*12*	*11*	*11*	*11*	*13*	*17*
Jan Mayen .	*37*	*31*	*24*	*21*	*15*	*5*	3	8	15	20	24	26	27	26	25	23	19	13	9	3	*10*	*20*	*33*	*46*

From this it appears that the least difference between the diurnal barometric range on fine and on cloudy days is at the tropical station of San José in the dry climate of

Costa Rica, and the greatest difference is at the Arctic station of Jan Mayen, an island surrounded by the moisture-laden air of the North Atlantic Ocean; and it is further noteworthy that the difference between the clear and cloudy days is as distinct at Jan Mayen in December and January, when the sun was all but permanently below the horizon, as at any other season (see page 463). In general, the differences between fine and cloudy days are greater in high than in low latitudes, and in damp as against dry climates, indicating that the effect depends on the thickness of the atmospheric screen through which the sun's rays penetrate, and on the quantity of condensing water-vapour present, or, more strictly, on the relative humidity. The latter, at all events, seems the most probable explanation of the differences between Sodankylä, Bossekop, and Jan Mayen, all within the Arctic circle, but the first in a comparatively dry part of Finland, the second far north on the west coast of Norway, where rain is more abundant, and the last in the ocean to the north of Iceland.

Nevertheless the general character of the fine and cloudy day curves is the same at all the stations. Starting from the ordinary diurnal barometric curve, which has a minimum in the early morning, a maximum in the forenoon, another minimum in the afternoon, and a second maximum in the evening, we find that by selecting the fine days only, we increase the forenoon maximum and the afternoon minimum, and diminish the evening maximum and the morning minimum; while on the cloudy days the reverse takes place, the evening maximum and early morning minimum are increased, and the forenoon maximum and afternoon minimum are diminished. At the tropical stations the difference of the fine and cloudy days respectively from the general average only amounts to a few thousandths of an inch, but in the Arctic regions the changes are so great as to alter the character of the curve. It becomes at Jan Mayen a one period curve with its maximum at noon in fine days and at midnight on cloudy, the fine day curves being more regular from month to month than the cloudy. At the two other Arctic stations the fine day maximum is in the forenoon in most of the months, and the time of maximum of the cloudy day curves is more irregular. It must be borne in mind that the monthly values at these Arctic stations are the means of comparatively few days, generally from four to ten in each month, and as the results have not been smoothed in any way they do not give very regular curves.

At Trieste, Magdeburg, and Fort William in the temperate zone we find the double character of the diurnal curve persisting on both fine and cloudy days; but while on the general means of the complete months the forenoon and night maxima of pressure are approximately equal in amount, on fine days the former is greatly increased, while the evening maximum is reduced; indeed, at Magdeburg and Fort William on the annual fine day mean this latter, though still a maximum point, does not reach the mean value for the day. On cloudy days, on the contrary, the evening maximum becomes predominant, and at Fort William the forenoon maximum is depressed below the mean value in the yearly average, but at the other two stations it still appears as a minor maximum above the mean. At Ben Nevis Observatory the ordinary diurnal

curve is distorted by the expansion and contraction of the air below the level of the summit, due to the diurnal changes of temperature, which adds to the total amount of air weighed by the barometer there during the daytime and subtracts from it at night, thus reducing the afternoon minimum and increasing the morning one. But the changes induced on this distorted diurnal curve by the selection of fine and cloudy days are of exactly the same nature as at the other stations in the temperate zone.

The results of selecting fine or cloudy days are perhaps best seen in the subjoined table, which gives, first, the difference of the annual fine day curve from the annual general curve at each station ; and, second, the same difference for the cloudy days. In each case where the barometric reading is raised the amount in thousandths of an inch is given in bold type, and where it is lowered, in italic. It is at once evident that the selection of fine days raises the barometric means in the forenoon and lowers them at night, while cloudy days have the opposite effect at virtually all the stations.

Difference of Fine Day Annual Means from General Annual Means.

Excess of fine in bold type and defect in italic type.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
San José .	**2**	**2**	**2**	**2**	**3**	**4**	**4**	**4**	**2**	**0**	*0*	*2*	*4*	*4*	*4*	*5*	*5*	*3*	*1*	*1*	*0*	*0*	**1**	**1**	·003
Hong Kong .	*0*	**2**	**2**	**4**	**5**	**4**	**5**	**5**	**4**	**3**	**2**	**1**	**1**	*1*	*3*	*4*	*4*	*6*	*6*	*5*	*5*	*3*	*2*	*1*	·031
Trieste . .	*4*	*2*	*1*	**1**	**3**	**5**	**6**	**6**	**5**	**4**	**3**	**4**	**3**	**2**	*0*	*1*	*2*	*3*	*4*	*4*	*4*	*5*	*6*	*6*	·125
Magdeburg .	*8*	*7*	*4*	*1*	**2**	**5**	**7**	**9**	**9**	**9**	**8**	**6**	**5**	**4**	**1**	*1*	*2*	*3*	*4*	*5*	*6*	*7*	*9*	*11*	·093
Ben Nevis .	*11*	*8*	*6*	*3*	*2*	**1**	**2**	**4**	**6**	**7**	**8**	**9**	**8**	**8**	**6**	**4**	**3**	**2**	*1*	*3*	*5*	*6*	*10*	*12*	·159
Fort William	*10*	*6*	*3*	*0*	**3**	**7**	**9**	**12**	**12**	**11**	**9**	**7**	**5**	**3**	**0**	*2*	*3*	*5*	*5*	*6*	*7*	*9*	*10*	*14*	·180
Sodankylä .	*7*	*4*	*0*	**3**	**6**	**7**	**8**	**6**	**5**	**7**	**4**	**4**	**2**	**3**	**1**	*0*	*2*	*2*	*3*	*4*	*6*	*7*	*8*	*11*	·160
Bossekop .	*6*	*3*	*0*	**3**	**4**	**7**	**9**	**8**	**7**	**5**	**5**	**1**	**0**	*1*	*2*	*3*	*4*	*5*	*9*	*5*	*4*	*3*	*4*	*5*	·140
Jan Mayen .	*26*	*20*	*16*	*13*	*8*	*2*	**3**	**7**	**11**	**15**	**16**	**18**	**18**	**16**	**15**	**14**	**10**	**7**	**4**	**2**	*6*	*13*	*22*	*30*	·150

Difference of Cloudy Day Annual Means from General Annual Means.

Excess of cloudy in bold type and defect in italic type.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
San José .	*0*	*1*	*4*	*4*	*3*	*3*	*2*	*3*	*1*	**1**	**1**	**1**	**2**	**4**	**5**	**3**	**2**	**2**	**1**	*1*	*0*	*0*	*1*	*0*	·002
Hong Kong .	*2*	*2*	*5*	*4*	*5*	*5*	*5*	*5*	*4*	*2*	*1*	*0*	*0*	**4**	**5**	**6**	**6**	**6**	**4**	**3**	**2**	**3**	**1**	**1**	*·031*
Trieste . .	**5**	**2**	*2*	*5*	*6*	*7*	*8*	*9*	*7*	*4*	*3*	*3*	*3*	*2*	*1*	**1**	**4**	**4**	**7**	**6**	**7**	**6**	**7**	**11**	*·135*
Magdeburg .	**6**	**4**	**1**	*0*	*2*	*5*	*6*	*8*	*9*	*8*	*7*	*5*	*3*	*0*	*0*	**2**	**3**	**4**	**4**	**4**	**5**	**6**	**6**	**8**	*·020*
Ben Nevis .	**8**	**4**	**3**	**1**	*0*	*2*	*4*	*4*	*6*	*6*	*6*	*6*	*6*	*4*	*4*	*3*	*2*	*0*	**2**	**4**	**5**	**9**	**9**	**12**	*·130*
Fort William	**8**	**4**	*1*	*4*	*7*	*8*	*10*	*10*	*11*	*9*	*8*	*6*	*3*	*0*	*0*	**2**	**5**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	*·134*
Sodankylä .	*2*	*3*	*3*	*4*	*3*	*3*	*4*	*3*	*2*	*0*	*0*	**3**	**3**	**4**	**5**	**5**	**4**	**3**	**4**	**1**	**1**	*1*	*0*	*1*	*·030*
Bossekop .	**9**	**4**	**1**	*2*	*6*	*8*	*9*	*10*	*10*	*7*	*6*	*6*	*4*	*2*	*1*	*1*	**2**	**4**	**3**	**6**	**7**	**8**	**9**	**12**	*·027*
Jan Mayen .	**11**	**11**	**8**	**8**	**7**	**3**	*0*	*1*	*4*	*5*	*8*	*8*	*9*	*10*	*10*	*9*	*9*	*6*	*5*	*1*	**4**	**8**	**11**	**16**	*·081*

Thus on fine days there is superimposed on the ordinary diurnal curve a single period curve with its maximum somewhere between 7 A.M. and 9 A.M. and its minimum at

midnight, except at the tropical stations San José and Hong Kong, where the minimum is in the afternoon. At Ben Nevis and Jan Mayen the maximum is delayed till noon, but the minimum is still at midnight. On cloudy days there is superimposed on the ordinary diurnal curve another single period curve, the converse of the fine day one, with its maximum at midnight, and its minimum at 8 or 9 A.M., but at San José and Hong Kong the maximum is in the afternoon. At Ben Nevis and Jan Mayen the minimum is delayed just as the maximum of the fine days is. Sodankylä on cloudy days is an exception to this rule.

The main difference between the weather conditions on fine and on cloudy days is, that in the former, radiation acts to and from the surface of the ground, but on the latter chiefly to and from the upper surfaces of the clouds, radiation also taking place from the earth to the lower surfaces of the clouds. In other words, the radiant heat of the sun on a fine day is mainly absorbed by the air near the surface of the ground, and the heat so stored up is got rid of at night by radiation from the ground. But on a cloudy day the sun's radiant heat is largely absorbed by the atmosphere in the upper part of the cloud layer, and probably no small part of it is spent in evaporating water from the cloud surface, thus diminishing the rise of temperature in that stratum of air. Night radiation takes place from the same stratum, the upper cloud surface acting as a radiating body, and doubtless also recondensing into itself the water evaporated during the day. If, then, the changes on the diurnal barometric curve due to fine and cloudy days respectively are to be explained as temperature effects, we must connect them, on fine days, with a large diurnal range of temperature in the lower air, while the clear upper atmosphere has little change of temperature.

On cloudy days, on the contrary, the range of temperature of the lower air is less than the normal, and the changes in the upper air greater than is usual for this high region. Therefore on fine days there is an expansion of the lower air while temperature is rising, the effect of which is to lift the quiescent mass of air above it, thus giving rise to a small increase of pressure in the expanding air; but while temperature is falling, and the lower stratum of air contracting, there is a decrease of pressure till the upper mass of air has again sunk. On cloudy days, on the contrary, the lower stratum of air is much less affected by the sun's heat. The rise of the temperature of the ground and of the air immediately resting on it shows a heating effect of the sun, either directly through the intervening cloud, or from the heated cloud itself, the chief absorption of the radiant heat of the sun, however, takes place in the upper part of the cloud stratum. The pressure of the upper air is thus lightened during the day by the rise of temperature and dilution with water vapour from the underlying clouds; and as there is less pressure above to check its expansion, this decrease of density appears as a diminution of pressure at the earth's surface. Conversely the cooling and condensation of water vapour at night increase the density of this upper stratum and add to the pressure below, thus causing the evening maximum of pressure on cloudy days.

This hypothesis agrees with the data given in the table on page 452 for changes due to the selecting fine and cloudy days at the temperate and Arctic stations, except in the cloudy day curve at Sodankylä. The monthly values of cloudy days at Sodankylä, however, show that in spring and autumn the usual law of high pressure at night and low pressure during the day holds, and it is only during the winter when the sun is almost absent, and in the height of summer when it is continuously above the horizon, that the cloudy day curve does not agree with that for other stations.

One other difference between fine and cloudy days is that on the latter rain may fall and not on the former. Several of the selected cloudy days at all the stations were days on which rain did fall, but the rainfall may be regarded as so equally distributed over the different hours of the day in temperate and Arctic regions that it can hardly effect a purely diurnal phenomenon such as is dealt with here.

SAN JOSÉ, COSTA RICA.—MEAN BAROMETER AND DEPARTURES.

Complete Months.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
January	8	7	15	17	8	2	17	33	41	38	26	6	18	39	51	51	44	30	8	7	22	30	30	23	26·201
February	11	1	11	16	10	1	16	29	40	39	28	6	17	37	52	53	45	32	10	5	18	28	31	26	·200
March	12	2	13	16	10	2	17	30	39	37	25	6	16	37	51	54	46	31	9	7	20	32	33	27	·195
April	12	2	15	20	14	1	14	27	34	30	20	3	18	35	45	48	42	24	4	9	23	35	37	26	·206
May	9	2	15	20	17	5	9	20	28	25	17	2	18	35	45	45	34	17	2	15	27	34	35	26	·200
June	9	2	12	13	11	5	5	14	22	27	14	3	12	23	34	39	30	15	1	11	20	26	26	20	·193
July	11	1	8	14	13	8	2	9	19	22	15	4	11	22	32	38	28	15	2	12	21	28	27	20	·190
August	12	1	8	13	12	8	3	13	20	24	16	4	12	25	38	40	32	16	1	11	21	30	30	22	·205
September	11	0	10	13	10	3	11	22	28	29	19	1	21	34	43	45	33	18	1	11	22	29	27	20	·194
October	7	4	12	15	7	1	11	21	30	30	11	8	17	34	52	34	18	9	3	10	20	27	26	17	·187
November	10	1	9	12	6	4	17	32	35	34	19	5	28	43	46	54	41	23	3	11	22	28	28	19	·180
December	8	2	9	16	10	7	14	28	36	37	23	6	22	37	47	48	36	20	2	11	24	30	26	18	·202
Year	10	2	11	15	11	2	11	23	31	31	20	3	17	33	45	46	36	21	3	10	22	30	30	22	26·196

Fine Days.

	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	Mid-night.	Mean.	Days.
January	15	3	6	9	1	16	25	43	44	40	26	1	26	46	60	57	53	33	11	0	15	24	30	24	26·204	12
February	14	3	10	15	9	3	18	38	45	42	29	9	16	39	54	58	50	39	15	4	16	28	34	26	·209	12
March	15	2	13	15	9	4	23	32	38	34	22	6	17	35	51	56	52	36	12	6	21	30	36	30	·190	12
April	16	2	7	15	6	3	15	26	33	27	18	1	26	42	56	57	49	28	5	7	24	38	47	34	·207	12
May	12	2	12	16	12	1	16	27	28	25	15	1	19	41	50	53	41	21	0	16	30	34	36	30	·208	12
June	7	2	8	9	7	2	12	18	26	23	13	2	17	28	35	39	29	13	0	10	19	25	22	15	·196	12
July	8	3	13	16	14	9	4	12	20	24	16	4	11	22	33	37	26	12	0	11	21	28	28	20	·193	12
August	14	6	5	10	7	4	5	16	23	26	16	4	14	31	46	51	40	20	0	10	22	30	31	25	·206	12
September	11	1	11	13	8	2	13	25	31	30	19	3	20	35	46	45	32	18	6	7	21	28	25	20	·191	12
October	10	3	11	13	8	0	13	28	36	36	23	1	27	43	54	51	39	20	2	15	27	34	31	20	·188	12
November	16	4	4	9	4	6	19	27	33	31	19	6	28	42	53	56	43	22	1	11	24	30	26	19	·177	12
December	10	1	10	15	7	2	19	32	35	32	19	2	27	42	54	54	41	20	1	15	25	32	28	18	·222	12
Year	12	0	9	13	8	2	15	27	33	31	20	1	21	37	49	51	41	24	4	9	22	30	31	23	26·199	

Cloudy Days.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	Days.
January	7	9	20	21	12	2	16	30	39	39	21	4	19	36	53	55	34	20	4	10	23	30	25	17	26·207	12
February	11	0	15	18	11	2	13	24	36	38	28	8	11	32	40	43	36	27	11	2	12	22	28	25	·189	12
March	10	6	20	24	17	4	10	26	38	36	27	7	10	27	43	44	39	25	6	6	20	33	31	25	·199	12
April	7	7	17	24	18	7	12	23	31	30	24	9	11	26	39	44	40	22	0	9	23	32	35	22	·211	12
May	12	9	19	25	23	8	3	15	25	27	19	7	14	27	39	44	34	13	15	16	32	36	37	28	·218	12
June	10	3	12	18	18	14	4	8	17	23	19	7	9	21	30	35	29	11	2	11	22	30	32	25	·191	12
July	5	3	13	17	14	6	6	16	27	28	20	8	5	16	30	37	31	16	5	7	16	22	20	14	·199	12
August	14	0	7	11	11	9	4	13	20	24	19	6	7	20	36	44	33	18	10	3	18	30	33	24	·198	12
September	11	2	14	19	16	9	7	19	26	25	13	4	20	28	33	33	19	12	2	14	22	28	24	17	·203	12
October	13	2	8	13	8	0	17	26	34	37	22	2	26	40	43	47	39	22	3	9	20	28	29	22	·184	12
November	9	3	16	17	13	3	10	23	33	38	25	0	21	34	45	48	36	21	3	12	26	34	30	20	·198	12
December	12	2	8	16	10	2	13	22	33	37	19	1	27	41	47	46	34	20	1	11	25	34	28	20	·182	12
Year	10	3	14	19	14	5	9	20	30	32	21	4	15	29	40	43	34	19	2	9	22	30	29	22	26·198	

HONG KONG.—MEAN BAROMETER AND DEPARTURES.

Complete Months.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
January	6	2	10	15	12	1	17	38	53	58	41	12	20	42	51	48	39	27	15	1	10	14	13	10	30·053
February	8	0	9	11	10	4	21	37	50	55	44	22	7	33	49	51	44	36	23	6	6	14	16	11	·009
March	5	8	22	29	24	5	15	34	46	50	44	25	3	26	42	47	42	32	20	1	15	23	25	19	29·944
April	7	11	23	24	17	2	15	32	46	48	41	25	2	20	39	47	47	36	21	5	12	23	23	14	·820
May	0	13	22	21	16	2	16	30	39	44	38	26	5	14	30	41	43	33	21	6	9	22	24	14	·739
June	2	7	13	15	10	0	12	21	29	31	28	17	5	10	25	36	39	31	18	2	10	23	23	14	·633
July	7	3	9	13	10	0	12	20	28	29	25	13	1	15	29	39	42	36	22	4	12	24	24	18	·614
August	6	7	14	18	15	4	10	21	30	33	29	16	1	19	32	41	42	33	21	0	18	28	28	19	.636
September	4	7	17	20	13	1	14	30	37	39	33	16	6	24	37	42	39	31	17	3	21	27	24	16	·746
October	2	11	18	20	12	3	21	36	47	48	34	12	13	32	42	42	37	27	13	7	19	22	19	11	·861
November	0	10	17	19	13	2	21	36	51	49	32	7	24	43	51	48	36	24	6	10	18	22	20	13	·976
December	5	3	11	13	11	1	19	40	55	55	40	11	24	45	54	52	40	28	12	3	13	17	14	9	30·007
Year	4	7	15	18	14	0	16	31	43	45	36	17	7	27	40	44	41	31	17	0	14	21	21	14	29·836

Fine Days.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	Days.
January	8	2	6	9	6	3	18	41	58	59	41	12	22	44	54	53	44	32	17	1	11	15	14	12	30·096	20
February	8	1	3	5	1	12	29	42	53	58	47	25	10	38	56	58	53	45	33	14	1	9	12	9	·079	18
March	12	6	12	25	22	2	19	36	49	53	46	23	1	29	47	52	45	37	25	7	12	25	28	23	29·905	7
April	4	17	27	27	18	3	17	39	50	53	48	34	10	15	32	44	46	37	23	9	9	20	20	9	·870	12
May	1	11	19	18	12	4	21	38	45	49	42	29	7	13	33	50	52	45	31	16	0	17	23	16	·784	15
June	6	4	10	9	6	5	14	21	27	29	27	17	5	10	27	42	44	39	25	6	9	23	25	16	·655	12
July	3	5	9	7	3	6	20	29	36	37	34	20	4	14	39	43	50	43	29	11	5	17	18	15	·633	18
August	8	2	9	10	6	5	18	28	36	39	33	19	3	19	35	46	46	40	27	8	10	20	21	18	·643	20
September	0	10	19	20	13	2	16	31	39	43	35	20	2	20	36	41	40	32	19	3	18	23	21	13	·754	20
October	0	8	14	16	9	7	26	41	54	53	34	10	18	38	49	48	41	31	15	5	5	18	16	9	·938	30
November	5	5	10	10	5	7	26	40	54	51	32	7	26	46	54	51	40	29	12	4	11	16	15	10	30·029	20
December	6	0	8	10	5	8	28	45	59	57	36	2	23	44	55	53	42	30	15	0	9	12	10	9	·013	20
Year	4	5	13	14	9	4	21	36	47	48	38	18	6	28	43	48	45	37	23	5	9	18	19	13	29·867	

Cloudy Days.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	Days.
January	6	1	10	16	14	3	12	31	49	54	40	13	18	37	48	41	32	22	12	1	9	12	11	10	30·055	20
February	6	5	15	16	15	0	18	35	50	52	43	21	10	30	45	47	40	29	19	1	9	18	16	9	·019	20
March	1	10	27	35	27	11	9	32	46	53	46	30	2	20	37	44	42	30	24	4	17	22	25	18	29·966	20
April	8	7	20	24	16	2	16	30	46	45	38	20	2	22	39	47	48	35	22	7	13	25	28	19	·819	18
May	5	18	30	27	24	9	11	26	38	43	37	25	6	12	28	39	38	28	14	3	14	29	26	13	·724	20
June	0	10	17	23	17	6	6	17	24	29	31	20	9	7	19	31	33	25	15	0	12	28	25	14	·586	15
July	8	4	12	16	16	5	4	12	18	22	18	8	4	13	26	32	31	25	10	6	22	32	28	22	·587	20
August	7	9	19	21	23	9	6	12	22	28	25	11	1	15	27	29	33	28	18	5	20	29	32	23	·554	15
September	0	15	26	28	24	10	5	21	32	36	31	16	9	24	34	33	26	20	8	9	28	34	28	17	·703	12
October	5	15	25	28	23	8	6	26	40	44	33	13	9	23	30	29	27	18	6	13	20	21	14	7	·758	15
November	4	14	21	21	12	2	18	33	47	51	38	14	20	34	42	41	31	18	2	10	17	18	11	7	·904	12
December	9	5	14	15	14	4	16	35	54	55	41	10	24	39	49	48	41	25	10	6	17	21	16	16	·985	12
Year	2	9	20	22	19	5	11	26	39	43	35	17	7	23	35	38	35	25	13	3	16	24	22	15	29·805	

TRIESTE.—MEAN BAROMETER AND DEPARTURES.

Complete Months.

	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	Mid-night.	Mean.
January	5	5	4	3	1	2	1	6	12	14	13	6	7	17	16	17	15	11	5	1	6	8	8	7	30·052
February	15	12	6	0	4	7	6	0	4	6	6	1	7	15	18	17	13	9	2	3	9	11	12	11	29·845
March	7	5	2	7	8	8	4	4	12	13	11	8	1	7	11	15	16	13	7	0	6	10	11	8	·800
April	8	2	4	9	12	11	5	2	7	7	6	2	0	3	6	10	12	11	5	5	12	13	14	13	·730
May	6	2	2	5	6	4	0	5	10	10	8	5	1	6	8	12	15	13	8	3	7	10	11	9	·848
June	8	2	2	4	4	1	3	8	11	11	9	6	0	5	7	10	16	21	14	7	4	9	11	12	·876
July	4	2	4	7	7	5	1	6	11	13	10	8	3	2	4	7	12	14	14	9	2	5	9	9	·835
August	2	0	3	7	6	3	2	7	11	12	11	7	2	2	6	11	13	17	11	2	6	9	9	8	·886
September	7	3	2	6	8	7	2	5	11	12	10	4	3	9	12	13	15	15	8	1	9	11	12	11	·981
October	4	0	4	6	8	7	3	5	11	13	11	7	1	8	9	12	10	8	1	2	7	9	6	5	·931
November	12	8	4	2	5	7	4	2	6	6	3	5	11	16	17	15	12	7	0	5	11	15	14	14	·995
December	5	6	4	1	4	5	2	4	10	12	8	1	10	15	15	15	13	9	3	2	8	9	11	11	30·052
Year	7	4	0	4	6	6	2	4	10	11	9	4	3	9	11	13	14	12	6	0	7	10	11	10	29·903

Fine Days.

	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	Mid-night.	Mean.	Days.
January	4	6	7	6	3	0	3	6	11	12	7	0	12	22	21	19	16	11	4	2	8	9	10	9	30·256	22
February	10	11	5	0	2	1	0	4	7	7	7	5	6	14	15	16	14	9	4	2	4	6	8	6	29·972	27
March	0	0	0	1	0	2	9	17	23	24	19	15	4	7	14	20	23	22	15	8	1	2	2	2	·973	27
April	4	5	5	7	9	4	8	19	19	15	13	10	5	0	5	9	11	14	9	2	2	1	2	4	·916	9
May	2	0	3	6	5	0	5	11	16	16	13	10	5	2	9	13	18	18	13	8	3	7	7	4	·912	20
June	2	1	5	6	3	2	9	14	17	17	18	14	7	1	4	11	19	21	18	15	6	0	3	2	·952	19
July	0	2	5	5	3	0	6	12	16	15	14	11	4	0	2	8	15	18	16	11	2	0	3	4	·898	37
August	3	3	4	6	4	1	4	9	15	17	14	11	6	1	4	10	12	17	17	7	1	5	2	1	·928	38
September	6	5	1	4	5	4	2	9	16	15	12	5	0	7	13	19	20	18	11	3	6	9	9	7	30·083	20
October	0	2	6	4	2	1	9	15	20	17	14	8	2	11	15	18	18	11	5	0	6	5	1	2	·104	23
November	11	9	5	1	2	4	1	6	13	9	6	1	8	15	19	20	17	13	6	1	7	11	12	13	·266	20
December	4	1	0	4	7	6	4	3	11	13	11	2	7	12	11	11	10	6	1	2	6	8	10	7	·079	15
Year	3	2	1	3	3	1	4	10	15	15	12	8	0	7	11	14	16	15	10	4	3	5	5	4	30·028	

Cloudy Days.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	Days.
January	4	3	6	2	0	0	1	8	15	17	16	7	7	17	19	19	18	13	7	2	3	6	7	9	30·022	27
February	17	12	6	3	9	14	14	7	0	4	6	0	7	15	19	19	13	7	2	7	15	17	19	22	29·729	33
March	12	8	3	9	13	15	13	4	4	8	9	5	1	8	9	10	10	7	2	4	7	15	18	17	·688	33
April	13	4	6	13	22	22	17	13	8	5	3	6	4	2	4	4	2	0	6	15	20	20	25	25	·619	26
May	30	17	1	9	15	19	20	15	7	6	9	9	18	19	22	21	15	2	11	16	26	30	37	41	·741	5
June	21	9	0	6	5	4	2	5	11	11	2	5	9	13	13	18	20	17	13	6	9	14	19	27	·737	7
July	7	15	18	20	20	20	4	2	7	7	11	13	15	15	12	7	5	2	4	2	5	7	6	1	·771	5
August	2	0	11	23	14	9	4	8	17	26	35	19	4	20	29	30	30	29	9	13	24	16	17	26	·714	3
September	1	6	10	15	19	17	11	0	7	11	14	12	5	0	1	0	0	0	2	7	9	0	4	9	·768	8
October	14	9	1	9	12	14	15	7	4	3	6	1	4	10	8	8	7	5	0	6	12	15	17	20	·776	23
November	29	21	14	0	7	15	16	11	8	9	13	22	27	30	23	13	7	2	9	16	22	29	33	34	·705	15
December	5	7	5	2	8	10	6	1	5	9	3	6	13	16	13	12	9	6	0	4	12	17	18	18	·943	22
Year	12	6	2	9	12	13	10	5	3	7	6	1	6	11	12	12	10	8	1	6	14	16	18	21	29·768	

MAGDEBURG.—MEAN BAROMETER AND DEPARTURES.

Complete Months.

	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	Mid-night.	Mean.
January	2	2	2	4	6	4	0	7	11	13	14	5	5	11	11	8	4	3	0	4	3	3	2	1	29·936
February	6	5	3	9	9	9	5	2	4	7	9	6	2	9	12	13	11	4	2	7	13	10	10	9	·762
March	5	2	2	5	6	4	0	6	8	9	10	8	1	6	12	17	15	9	2	3	6	7	8	7	·609
April	0	3	4	6	4	0	7	13	14	17	13	7	3	5	12	16	17	16	8	1	2	4	4	3	·612
May	6	3	2	1	6	12	14	17	17	16	12	6	1	8	17	22	26	24	20	10	2	3	7	8	·723
June	6	4	1	2	5	8	12	14	13	11	9	4	3	9	15	17	22	20	16	10	1	6	8	7	·771
July	5	0	3	2	0	3	6	11	11	11	7	4	1	6	9	11	15	15	12	5	3	7	8	7	·659
August	6	3	1	4	4	1	4	8	9	11	7	1	1	4	9	13	16	16	11	0	4	7	9	9	·742
September	1	1	6	7	7	2	4	11	15	15	12	11	0	8	14	17	17	13	4	4	7	8	7	5	·878
October	2	6	9	11	11	11	6	5	6	10	12	8	3	2	4	6	4	3	6	7	8	6	2	1	·758
November	4	2	2	4	6	6	3	4	6	9	7	1	7	13	13	10	6	1	3	6	7	8	8	8	·833
December	0	1	1	5	9	9	6	0	5	10	8	1	7	12	9	4	0	3	4	6	7	8	7	4	·984
Year	3	1	2	4	4	2	2	8	10	12	10	5	2	8	11	13	13	10	5	1	5	6	7	6	29·772

Fine Days.

	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	Mid-night.	Mean.	Days.
January	3	5	8	11	13	9	6	4	8	13	13	2	6	9	6	3	0	2	6	8	9	6	4	0	30·057	13
February	14	12	11	10	6	2	9	19	25	28	27	20	12	2	6	10	11	7	6	2	4	8	13	19	29·864	18
March	17	15	12	11	4	5	12	22	28	29	28	26	16	6	2	11	14	13	7	8	8	14	16	24	·722	20
April	0	4	5	7	4	3	10	18	20	21	19	10	4	6	17	20	21	19	11	0	3	4	5	1	·688	24
May	6	4	6	8	12	17	22	25	25	22	16	7	1	9	18	27	32	32	28	17	7	2	3	5	·766	40
June	2	2	3	6	11	18	22	24	24	22	17	11	4	5	13	22	29	31	28	22	11	3	2	1	·874	22
July	1	2	3	0	4	11	16	20	18	18	15	10	2	4	10	12	22	24	22	15	4	1	1	0	·781	20
August	1	1	2	1	0	7	15	19	20	22	19	11	4	4	11	18	21	22	19	9	6	0	1	1	·815	20
September	6	5	5	5	2	5	13	20	23	21	17	10	2	9	17	20	20	17	8	0	2	3	0	5	·969	30
October	13	17	17	15	10	5	1	10	13	18	19	13	7	4	1	5	1	6	9	8	5	2	11	19	·863	20
November	9	11	14	11	6	2	6	15	18	20	20	11	1	6	7	9	6	1	1	0	2	0	3	6	·815	12
December	4	3	4	9	10	11	10	5	10	21	12	4	6	14	12	9	4	2	6	9	9	7	6	3	30·167	12
Year	5	6	6	5	2	3	9	17	19	21	18	11	3	4	10	14	15	13	9	4	1	1	2	5	29·865	

Cloudy Days.

	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	Mid-night.	Mean.	Days.
January	5	3	4	0	2	2	0	6	2	3	4	2	8	13	15	11	7	4	0	5	5	7	8	9	29·890	50
February	16	15	6	1	4	7	7	4	2	2	3	4	11	18	18	17	15	6	0	7	13	18	22	22	·737	40
March	7	3	4	9	12	12	7	2	1	3	6	6	2	3	9	11	10	3	3	6	9	12	12	12	·606	38
April	3	0	3	5	5	2	3	10	10	15	10	4	0	4	11	15	16	15	6	2	4	7	8	7	·583	30
May	0	6	13	10	5	1	4	7	9	13	13	11	8	4	2	8	13	13	9	3	5	5	4	2	·686	12
June	15	9	7	6	7	3	8	5	0	4	5	10	15	16	20	22	20	13	4	2	11	17	19	20	·747	12
July	15	8	3	1	0	0	0	1	1	1	0	6	7	9	11	10	13	13	12	5	8	15	19	21	·596	12
August	19	11	6	0	3	5	4	2	1	0	0	4	8	8	10	12	15	13	8	1	8	12	17	23	·696	20
September	9	1	10	19	21	19	13	5	4	2	0	0	0	1	6	6	6	3	6	16	20	19	19	17	·861	15
October	3	1	7	11	14	18	11	1	2	6	9	6	2	2	2	3	0	5	6	6	8	7	6	8	·732	32
November	15	11	5	3	8	13	12	7	5	4	4	11	14	17	15	11	6	1	7	12	16	19	21	24	·856	30
December	2	1	1	3	7	7	5	0	6	12	7	1	9	11	9	5	1	1	3	6	7	7	6	2	30·033	30
Year	9	5	1	4	6	7	4	0	1	4	3	0	5	8	11	11	10	6	1	5	10	12	13	14	29·752	

BEN NEVIS.—MEAN BAROMETER AND DEPARTURES.

Complete Months.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
January	2	4	5	11	15	17	15	9	7	1	4	4	0	1	1	3	7	9	12	14	15	12	9	4	25·252
February	3	2	7	11	9	10	9	5	0	4	6	5	2	2	4	5	0	4	6	7	7	6	6	6	·244
March	1	5	11	15	15	14	12	5	1	1	6	8	9	5	4	1	3	4	7	8	8	7	6	4	·285
April	4	8	13	16	16	13	8	3	0	5	7	11	11	11	7	4	5	4	3	6	5	3	2	1	·448
May	1	7	12	17	20	18	14	12	8	4	1	3	7	12	11	10	9	8	8	10	12	11	7	4	·356
June	2	9	13	16	15	14	11	6	3	1	2	4	6	6	6	7	5	5	6	7	11	10	8	3	·481
July	3	8	14	17	18	16	12	8	5	2	3	6	9	10	9	8	7	6	6	6	9	8	7	2	·410
August	3	9	15	21	24	22	16	11	6	1	3	8	12	12	12	10	8	7	8	11	12	11	8	3	·267
September	1	3	9	13	15	13	9	6	4	1	0	5	7	4	2	1	1	3	5	10	11	9	7	4	·336
October	1	4	10	11	9	9	6	0	3	4	7	6	4	3	3	1	1	4	6	5	4	1	0	1	·197
November	1	4	6	8	9	9	3	4	9	12	11	6	2	6	7	6	3	1	0	4	5	6	5	4	·195
December	2	2	3	7	9	9	6	2	4	9	13	8	3	2	4	1	3	1	4	5	5	5	4	2	·244
Year	1	5	10	14	15	14	10	5	1	2	5	6	6	4	3	3	3	4	6	8	9	7	6	3	25·310

Fine Days.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	Days.
January	12	15	10	12	13	8	4	1	7	9	11	8	5	3	4	6	9	9	9	7	5	0	6	14	25·386	18
February	10	11	14	15	12	7	4	1	11	14	17	16	15	8	3	0	2	4	3	2	0	2	6	10	·361	30
March	9	11	15	18	16	13	10	4	1	7	11	15	16	12	7	4	4	4	6	6	4	2	1	4	·378	40
April	4	8	12	16	16	11	6	1	2	5	8	10	11	10	6	3	4	3	3	5	5	3	1	2	·544	50
May	8	11	14	17	18	14	10	5	1	3	7	12	14	17	15	12	7	4	2	4	6	4	0	6	·464	40
June	10	15	19	20	19	15	10	6	1	3	6	10	11	12	11	9	8	5	4	5	7	5	0	7	·610	48
July	8	10	15	15	14	11	7	3	1	3	6	10	12	13	13	12	10	8	7	7	8	7	3	2	·529	36
August	11	15	20	24	24	21	15	8	2	3	10	14	17	17	15	12	12	10	9	9	9	6	0	7	·380	30
September	14	14	14	16	14	10	4	3	8	11	11	15	16	12	10	6	2	0	2	5	1	6	10	13	·577	23
October	13	12	13	12	10	6	2	7	11	14	16	17	14	7	7	1	2	5	3	1	4	6	13	15	·539	26
November	21	21	23	22	22	19	12	3	13	21	28	27	23	19	10	9	11	9	7	2	5	8	17	20	·406	19
December	18	18	18	20	23	19	11	2	12	18	23	22	15	12	8	7	5	8	8	10	8	2	4	9	·452	20
Year	12	13	16	17	17	13	8	1	5	9	13	15	14	12	9	7	6	6	5	5	4	1	4	9	25·469	

Cloudy Days.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	Days.
January	5	2	2	10	17	23	21	16	15	10	4	0	3	4	4	2	7	9	13	16	19	19	16	16	25·171	34
February	5	3	8	12	10	16	12	6	3	1	5	4	0	2	5	6	3	7	9	11	10	8	8	9	·236	26
March	13	4	8	14	15	16	14	8	5	4	1	0	1	5	7	8	6	2	4	8	12	15	17	19	·174	27
April	1	7	13	15	20	17	13	7	5	3	6	8	10	10	11	5	3	2	3	8	7	7	6	5	·289	21
May	11	3	12	22	27	26	23	19	17	13	11	7	0	7	7	10	10	13	17	20	23	23	23	21	·255	26
June	9	2	9	13	14	16	14	11	9	8	5	3	2	2	1	4	2	5	10	11	15	18	18	17	·272	26
July	10	3	7	14	18	18	18	14	13	8	5	1	5	6	4	6	7	10	16	18	22	25	26	27	·253	27
August	1	8	15	22	27	24	20	16	12	8	2	4	7	9	11	11	9	7	10	16	19	19	18	13	·143	35
September	7	4	2	8	10	10	9	8	8	7	5	1	0	4	6	6	3	1	4	10	14	17	17	15	·222	44
October	4	6	12	14	12	14	13	6	4	4	3	3	4	2	4	2	2	7	12	14	16	16	12	10	24·982	35
November	13	3	2	6	8	8	3	4	9	8	5	3	10	14	15	16	12	10	3	0	8	13	17	18	·995	38
December	1	0	0	5	7	7	9	5	3	6	8	5	2	3	4	3	6	3	2	6	8	7	7	5	25·173	31
Year	7	1	7	13	15	16	14	9	7	4	1	0	0	0	1	0	1	4	8	12	14	16	15	15	25·180	

FORT-WILLIAM.—MEAN BAROMETER AND DEPARTURES.

Complete Months.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
January	5	3	1	7	13	17	16	11	7	1	2	0	6	5	5	0	2	7	9	14	13	14	11	11	29·900
February	4	3	5	7	8	5	3	4	6	10	7	6	4	10	14	12	9	1	4	7	5	6	5	9	·857
March	5	2	4	6	6	2	1	5	7	9	8	6	0	4	10	11	13	6	3	3	4	7	6	6	·934
April	7	6	4	3	2	8	11	14	12	12	5	1	6	10	19	19	20	16	12	2	2	7	6	9	30·063
May	9	6	1	3	4	2	1	4	2	0	4	6	8	8	11	11	11	7	4	4	10	14	13	13	29·906
June	10	8	4	4	5	9	10	11	6	4	1	2	8	9	14	17	20	15	12	3	4	10	11	14	·988
July	6	3	2	3	3	1	4	6	5	4	1	2	2	4	8	10	11	8	6	0	6	11	10	8	·901
August	3	1	7	10	11	7	4	2	1	2	0	1	1	0	4	5	6	4	1	7	11	14	12	9	·747
September	3	1	5	7	10	5	2	2	3	5	0	2	2	3	8	9	10	3	0	8	9	11	8	7	·839
October	0	3	9	9	10	6	4	5	6	8	6	4	2	2	6	5	4	4	4	7	5	4	0	1	·749
November	0	2	6	8	9	4	2	9	13	18	17	9	1	8	13	10	9	4	3	1	0	4	1	3	·779
December	4	3	5	8	11	9	5	2	7	14	17	11	3	3	9	5	5	1	1	2	1	5	2	2	·874
Year	4	2	3	5	6	3	1	4	5	7	5	3	3	6	10	10	10	4	2	4	6	9	7	8	29·878

Fine Days.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	Days.
January	11	10	10	11	11	9	5	4	8	12	12	7	2	1	1	3	4	8	8	8	2	2	2	8	30·016	18
February	11	9	12	10	9	1	4	15	20	23	23	18	8	1	8	9	9	2	1	1	3	4	10	11	·007	30
March	2	0	3	1	1	5	10	16	18	19	15	12	3	5	13	17	21	14	10	3	2	0	1	0	·038	40
April	8	9	6	7	8	16	20	22	17	13	3	3	12	17	25	27	28	22	17	4	3	6	6	8	·154	50
May	7	8	6	8	11	17	18	17	14	10	3	2	10	13	18	21	23	20	16	8	1	6	7	6	29·991	40
June	7	8	6	8	11	17	19	20	16	10	4	0	8	12	16	21	24	22	19	10	2	5	5	8	30·121	48
July	3	3	5	5	5	13	14	16	14	14	4	1	5	10	15	18	21	17	15	7	0	5	6	5	·029	36
August	2	2	5	5	5	3	7	13	12	11	7	5	2	4	10	11	13	10	6	2	4	5	4	0	29·866	30
September	11	6	7	4	2	9	16	24	26	23	15	13	5	0	10	15	20	17	12	2	4	4	9	14	30·089	23
October	14	10	12	8	5	1	7	19	22	24	20	16	6	1	8	10	12	3	2	1	3	7	14	16	·158	26
November	24	21	23	21	17	11	4	12	20	31	35	29	22	13	5	7	5	5	3	1	6	12	21	28	·019	19
December	21	19	20	23	25	17	6	9	20	30	32	28	19	8	1	0	3	8	6	7	1	4	11	18	·108	20
Year	6	4	6	5	3	4	8	16	17	18	14	10	2	3	10	12	13	9	7	2	1	0	3	6	30·049	

Cloudy Days.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	Days
January	18	15	6	4	14	19	22	22	20	9	7	7	12	12	9	3	0	6	10	15	17	21	21	26	29·790	34
February	6	1	10	12	10	15	12	5	3	6	5	5	2	10	15	12	0	7	9	13	10	13	11	16	·754	26
March	16	11	1	6	7	4	5	2	1	1	2	4	9	10	16	14	15	6	3	6	8	15	18	25	·787	27
April	10	4	6	7	11	7	8	3	1	4	0	2	2	0	9	10	8	4	1	10	12	16	13	15	·896	21
May	17	7	8	17	23	21	19	13	14	14	15	11	9	6	6	4	0	6	10	18	25	30	27	28	·787	26
June	17	9	1	4	7	5	6	6	10	10	8	8	8	5	9	9	9	4	1	6	15	20	22	24	·773	26
July	15	9	3	10	14	14	14	12	12	11	9	5	5	4	7	7	4	1	4	11	17	22	22	23	·737	27
August	4	5	13	21	23	20	15	10	9	6	6	2	0	3	1	3	2	4	7	16	20	24	21	18	·627	35
September	11	6	3	5	11	8	6	5	6	2	6	3	8	8	11	9	10	1	3	12	14	19	17	17	·707	44
October	12	3	7	11	13	12	12	6	8	6	9	10	10	7	8	6	0	10	14	22	20	19	18	16	·644	35
November	11	7	1	3	7	3	4	5	10	15	10	2	7	14	18	14	11	5	6	1	2	11	12	21	·592	38
December	4	3	1	5	6	2	4	1	5	10	14	9	1	4	9	5	8	4	2	0	2	1	2	3	·727	31
Year	12	6	4	9	13	11	11	6	6	2	3	3	6	6	10	8	5	1	4	11	14	18	17	19	29·735	

SODANKYLÄ.—MEAN BAROMETER AND DEPARTURES.

Complete Months.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
January	2	0	2	3	5	6	10	9	4	0	3	0	2	0	1	2	3	5	5	6	3	2	4	2	29·087
February	0	3	2	7	10	11	12	12	6	2	2	1	3	4	7	5	6	7	7	7	5	4	4	5	·255
March	9	11	12	13	13	11	9	4	2	2	0	4	6	9	11	11	11	9	12	8	7	5	1	4	·002
April	0	0	0	2	2	5	6	6	6	4	3	1	1	5	6	8	8	7	4	4	4	1	1	0	·484
May	4	7	6	7	6	8	8	7	7	6	6	3	1	3	8	10	12	14	13	8	6	2	2	2	·192
June	5	8	9	12	12	12	12	12	11	8	4	3	1	4	12	15	17	18	19	17	9	4	1	3	·318
July	1	4	5	5	7	9	8	7	8	9	5	4	0	3	7	11	10	11	13	11	7	2	0	1	·164
August	4	4	6	7	7	9	9	8	6	6	4	2	0	4	8	11	11	13	12	9	7	3	0	3	·138
September	7	7	2	2	4	4	1	2	5	6	5	7	6	12	9	8	6	1	5	10	12	13	13	13	·284
October	10	8	5	1	2	4	7	8	2	0	1	2	4	6	6	5	6	2	1	3	4	7	7	8	·504
November	2	0	1	3	6	9	9	6	2	4	4	1	1	2	1	1	1	2	2	3	4	4	4	4	·236
December	4	1	0	1	5	9	11	9	6	1	4	3	0	1	2	3	4	1	0	2	3	5	6	5	·316
Year	4	4	3	3	1	1	0	0	1	2	3	0	1	4	5	6	6	5	5	2	1	2	3	4	29·248

Fine Days.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	Days.
January	2	3	8	4	7	8	15	15	10	4	6	2	2	9	14	19	13	17	14	11	6	1	3	11	29·287	5
February	46	35	24	19	11	3	8	12	18	24	31	34	39	39	37	31	19	7	3	10	21	30	43	54	·439	5
March	1	4	2	7	9	17	11	2	4	2	3	5	11	10	15	14	13	2	7	8	7	6	7	4	·019	5
April	10	3	6	9	10	15	16	15	17	17	13	4	1	6	6	10	15	16	14	13	7	6	7	10	·754	5
May	15	6	1	5	5	9	14	17	23	22	20	16	13	10	2	2	9	13	13	15	20	19	22	22	·322	5
June	9	17	21	31	32	21	19	16	14	11	3	4	9	15	22	26	32	22	23	18	18	13	2	7	·392	5
July	2	9	9	15	19	19	18	17	15	13	9	2	3	11	17	19	17	19	20	17	12	6	2	0	·509	5
August	1	6	13	16	20	24	22	19	19	17	11	11	4	5	14	17	21	24	28	25	21	12	13	7	·407	4
September	1	0	8	13	6	12	19	15	12	12	8	0	9	11	14	17	17	17	15	7	4	2	5	2	·339	4
October	11	11	10	4	5	4	0	3	0	2	2	0	5	9	13	10	7	9	15	2	2	3	4	5	·652	4
November	4	4	2	1	1	0	0	5	6	13	9	4	3	1	5	4	4	3	0	4	6	6	6	5	·198	5
December	15	11	1	5	6	13	19	26	33	18	12	11	7	3	3	3	4	13	11	17	15	17	22	18	·577	5
Year	3	0	3	6	7	8	8	6	6	9	7	4	1	1	4	6	8	7	8	6	7	5	5	7	29·408	

Cloudy Days.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	Days.
January	30	26	20	17	12	5	5	7	6	16	24	26	26	27	26	22	15	9	6	13	10	18	22	30	29·123	8
February	2	5	3	9	14	16	18	16	11	5	0	1	6	9	12	8	10	8	8	9	5	6	9	7	·366	10
March	25	31	32	32	34	32	18	8	3	6	4	13	18	26	26	28	30	28	24	19	17	9	2	19	28·980	5
April	9	3	3	9	12	10	12	12	12	15	13	6	5	5	1	3	6	9	15	16	12	12	13	13	29·212	5
May	7	5	5	1	2	1	3	4	0	1	2	2	1	1	2	1	4	5	8	4	0	2	5	5	·046	5
June	15	19	16	6	4	5	10	15	17	19	20	17	22	14	3	1	5	7	8	13	9	11	14	17	·179	5
July	4	5	4	3	7	6	3	1	3	2	0	2	0	2	2	5	6	6	9	5	3	1	3	2	·073	6
August	10	4	2	1	4	8	6	4	3	2	1	2	0	2	2	4	4	4	1	2	4	6	7	9	·132	6
September	24	21	12	6	1	3	6	9	13	16	13	12	15	18	18	18	11	7	2	7	15	17	29	24	·298	7
October	4	0	3	5	7	12	11	8	3	1	3	6	2	2	1	1	1	4	4	4	2	5	4	5	·405	13
November	0	2	1	5	9	11	11	6	2	2	3	2	0	0	2	4	4	3	3	5	5	5	5	4	·047	10
December	10	9	8	4	6	6	6	3	6	12	17	13	7	5	2	2	0	0	1	3	2	1	0	2	·296	7
Year	2	1	0	1	2	2	4	3	1	2	3	3	2	0	0	1	2	2	1	1	0	1	3	3	29·180	

BOSSEHOP.—MEAN BAROMETER AND DEPARTURES.

Complete Months.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
January	2	1	1	6	8	7	9	5	2	2	5	5	3	2	1	2	3	3	0	1	3	1	4	5	29·520
February	1	1	1	2	5	6	7	11	10	10	4	3	2	2	7	9	7	6	5	3	5	4	4	2	·638
March	8	9	8	8	2	2	2	5	6	4	4	3	2	3	3	6	7	6	4	2	3	7	8	9	·557
April	0	1	0	1	1	1	1	4	4	3	3	2	0	0	2	2	0	1	2	2	2	2	0	1	·958
May	3	2	1	0	3	3	3	2	1	0	4	3	4	4	2	2	4	7	8	4	3	2	4	5	·735
June	12	13	13	11	9	6	3	2	2	2	0	1	2	6	10	14	15	13	11	10	6	0	6	9	·866
July	8	9	10	8	8	7	6	5	4	2	1	4	8	10	11	12	13	11	10	8	2	4	7	10	·741
August	10	8	4	0	2	4	6	4	2	2	0	1	1	3	3	4	3	1	0	0	2	2	4	6	·631
September	4	1	5	7	8	12	12	12	13	8	8	5	3	2	1	3	6	9	13	16	14	13	12	8	·729
October	4	2	3	4	8	9	10	7	8	5	3	2	2	4	2	2	3	5	9	10	12	10	10	8	·941
November	1	2	2	4	4	5	7	6	1	6	10	6	4	3	1	0	1	0	1	1	0	1	0	1	·748
December	2	0	2	5	6	6	8	5	1	4	10	8	4	1	2	1	1	2	4	3	1	4	5	4	·788
Year	5	4	2	0	2	3	5	4	2	1	1	1	0	1	2	2	2	2	1	0	2	4	5	5	29·738

Fine Days.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	Days.
January	7	5	7	8	10	4	2	2	6	9	14	6	9	14	13	6	7	2	4	7	12	8	7	11	29·459	4
February	8	3	6	5	8	13	13	21	13	16	11	7	1	9	2	19	19	11	10	14	19	19	16	5	30·000	4
March	6	4	4	2	2	6	5	2	0	1	3	7	10	9	9	7	7	4	2	6	7	7	3	4	29·656	4
April	6	4	2	2	3	7	10	14	13	11	10	6	4	0	8	8	10	10	9	5	2	2	6	6	30·363	7
May	9	5	0	8	7	12	15	13	17	8	11	10	11	11	4	2	10	15	18	16	16	15	10	9	29·795	4
June	13	20	24	26	24	22	13	8	5	0	5	10	4	11	13	21	23	26	24	20	13	2	3	9	30·004	4
July	12	14	15	14	12	9	7	4	4	0	2	7	13	16	17	15	13	10	14	8	5	7	7	11	29·886	4
August	19	21	20	23	24	20	14	13	7	2	1	8	13	20	20	24	28	29	27	18	7	3	11	16	·747	4
September	1	2	1	1	0	8	11	11	11	12	6	4	3	2	9	13	11	8	7	4	5	0	0	1	·705	4
October	9	7	8	1	14	7	4	4	3	5	11	7	5	4	1	2	1	5	5	9	2	4	1	6	30·022	5
November	18	14	10	7	7	5	1	2	9	12	26	19	14	12	7	7	5	5	2	5	7	9	14	22	29·946	4
December	2	7	8	10	6	9	10	6	0	4	11	10	6	6	6	2	0	1	2	0	4	3	6	4	·955	8
Year	1	1	2	3	2	4	4	4	5	4	6	2	0	2	4	5	6	7	8	5	2	1	1	0	29·878	

Cloudy Days.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	Days.
January	15	1	12	27	28	24	28	6	3	14	14	8	11	15	2	3	0	2	1	4	7	7	8	13	29·671	4
February	37	26	7	4	17	24	30	37	39	43	31	28	23	11	4	0	4	12	17	20	27	35	42	50	·607	4
March	10	11	9	4	9	9	15	18	21	13	12	9	5	3	1	4	0	4	6	11	14	16	16	15	·617	12
April	13	9	7	4	0	8	8	7	6	9	9	8	10	9	10	7	3	2	2	7	10	12	15	16	·832	12
May	2	0	2	4	6	7	7	7	4	3	2	3	3	3	1	1	1	1	1	2	3	4	7	7	·702	15
June	1	2	3	6	4	7	4	4	0	13	8	9	10	7	8	1	1	1	1	5	3	3	6	6	·861	6
July	0	0	2	2	2	1	0	0	1	4	4	4	1	2	2	3	4	2	3	3	0	2	3	0	·902	7
August	5	5	5	5	2	0	0	0	4	5	4	1	0	2	6	10	11	7	5	4	2	0	2	6	·626	12
September	18	11	4	2	11	18	25	2	28	21	19	19	11	10	4	2	10	16	20	24	21	22	25	24	·820	8
October	15	10	2	10	14	19	19	16	13	13	11	7	4	2	1	4	8	11	11	11	14	13	12	17	·885	5
November	3	4	4	9	10	15	14	14	10	3	6	4	0	10	9	7	9	8	10	10	7	6	2	4	·685	4
December	48	39	28	20	3	4	20	29	30	23	16	20	26	33	30	24	20	16	12	1	14	36	50	66	·325	4
Year	14	9	3	2	8	11	14	14	12	8	5	5	4	3	3	3	0	2	4	6	9	12	14	17	29·711	

JAN MAYEN.—MEAN BAROMETER AND DEPARTURES.

Complete Months.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	Days.
January	12	10	4	2	9	10	5	2	0	1	0	2	7	7	11	11	10	4	3	9	10	10	11	9	29·409	
February	1	4	4	4	6	3	4	4	4	3	3	4	3	2	1	3	8	11	9	2	2	2	3	2	·289	
March	8	4	2	0	1	4	8	9	13	10	11	10	10	9	0	4	6	7	8	12	11	12	13	12	·976	
April	7	6	4	4	2	2	1	4	2	1	1	1	2	0	3	5	5	6	3	0	1	2	1	3	·758	
May	2	2	2	4	3	2	1	0	0	2	3	2	0	0	1	2	3	2	2	4	3	4	2	4	·779	
June	0	2	5	8	7	7	2	1	0	2	2	6	7	5	2	1	2	2	0	3	3	4	2	4	·937	
July	1	1	5	6	8	6	3	0	2	2	4	6	6	6	4	2	1	1	1	1	1	0	0	0	·954	
August	4	3	4	8	7	2	1	1	4	4	9	11	7	7	3	1	1	2	2	2	1	1	0	0	·685	
September	3	4	8	13	12	9	6	4	2	3	5	8	7	6	5	2	2	4	8	7	5	2	3	1	·639	
October	2	7	11	10	10	7	2	2	5	8	8	9	9	5	1	2	3	6	5	2	1	1	5	9	·778	
November	5	5	7	8	8	6	4	0	6	9	9	7	6	4	3	1	3	0	3	0	0	1	3	3	·610	
December	2	2	5	7	9	6	5	2	2	7	6	4	1	3	6	2	0	2	2	3	4	2	3	1	·892	
Year	0	1	3	6	6	4	1	1	3	4	5	5	4	3	0	2	3	2	0	0	1	1	0	0	29·726	

Fine Days.

	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	Mid-night.	Mean.	Days.
January	19	7	7	6	3	2	8	14	22	29	28	25	19	15	5	1	6	12	7	8	16	19	28	33	30·029	4
February	79	67	59	60	39	22	9	6	26	33	51	59	65	58	49	47	45	31	30	21	4	29	59	99	29·305	4
March	23	20	18	20	16	6	0	6	19	19	24	27	26	21	14	6	0	1	2	0	9	13	18	21	30·319	5
April	40	33	31	27	20	11	4	19	20	26	26	30	34	26	18	12	11	18	7	3	0	17	36	40	29·856	4
May	11	11	9	8	4	4	2	4	10	10	8	7	4	3	6	6	0	1	0	3	4	1	1	4	30·051	5
June	16	13	13	13	7	2	8	11	9	18	19	18	20	15	11	11	1	2	7	5	9	13	19	23	29·924	4
July	9	9	12	8	9	5	2	7	9	10	11	11	16	13	9	5	0	2	4	2	4	7	8	13	·904	4
August	17	2	2	8	4	1	9	11	12	13	17	22	10	7	5	2	2	14	4	7	5	7	19	20	·762	4
September	35	23	19	11	7	10	12	17	21	28	30	28	24	22	19	9	3	1	1	7	19	27	33	44	·885	4
October	28	31	32	39	38	24	13	4	1	6	10	24	23	28	22	30	25	32	26	19	8	3	19	30	·738	4
November	24	28	23	29	26	18	2	4	10	17	16	20	19	18	23	19	3	15	15	9	1	1	17	20	·919	4
December	9	3	5	0	2	1	2	5	12	14	12	8	4	0	2	2	3	4	9	2	6	7	4	11	·824	4
Year	26	21	19	19	14	6	2	8	14	19	21	23	22	19	15	12	7	5	4	2	5	12	22	30	29·876	

Cloudy Days.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	Days.
January	3	1	7	12	9	4	2	9	7	5	2	6	14	19	24	24	17	7	5	17	22	25	28	23	29·307	10
February	78	80	74	56	44	26	13	2	8	19	30	35	43	50	58	61	70	69	59	28	2	24	50	86	·203	10
March	20	6	3	10	15	24	28	27	28	24	23	20	11	6	4	8	15	12	17	30	26	22	26	24	·805	7
April	29	30	24	22	17	4	2	2	9	15	19	20	15	13	14	19	20	14	7	1	7	11	19	29	·624	10
May	20	14	11	7	5	4	4	0	4	2	6	10	10	13	16	13	17	13	10	3	4	9	17	22	·795	10
June	4	2	5	8	6	7	6	3	2	0	1	6	6	6	4	2	1	1	1	1	4	4	2	4	·936	10
July	2	1	6	6	9	6	4	6	2	1	3	6	4	5	2	2	0	0	0	3	4	4	4	6	30·009	10
August	2	1	1	4	7	2	3	3	4	4	4	2	2	7	1	2	4	2	0	1	4	4	6	6	29·648	10
September	17	5	7	18	18	22	25	26	27	20	15	6	4	1	0	2	6	14	21	24	24	22	27	27	·447	10
October	20	17	7	4	4	7	12	13	13	15	13	9	10	16	17	15	14	1	5	9	17	20	25	27	·732	10
November	21	15	17	13	9	5	2	10	17	19	20	17	16	15	11	9	6	8	3	7	10	14	22	20	·514	10
December	5	5	9	11	10	9	5	2	2	4	3	2	1	0	1	3	5	5	5	5	10	6	6	5	·716	10
Year	11	10	5	2	1	1	1	0	1	1	3	3	5	7	10	11	12	8	5	1	5	8	11	16	29·645	

*Abstract of Paper on the Meteorology of Ben Nevis in Clear and in Foggy Weather.**

By J. Y. Buchanan, F.R.S.

The publication by the Royal Society of Edinburgh of the hourly observations made at the observatory on the summit of Ben Nevis along with corresponding observations at Fort-William at the sea level is an important contribution to meteorological science. The study of this work reveals at once the important characteristic of the Ben Nevis Observatory. It is situated on a true peak, and that the highest point in the British Islands. Its height above the sea is such that it is usually enveloped in cloud, and its records are for the most part those of an observatory established in the clouds, and in an atmosphere habitually saturated with moisture.

The weather on Ben Nevis falls naturally into three categories: the first includes the days when the mountain is continuously enveloped in fog or cloud; the second, those periods when the mountain is clear of clouds; and the third, periods during which frequent alternations of clear and foggy weather occur. It is apparent that the meteorological conditions of the locality will be best understood by studying the continuously clear weather and the continuously foggy weather, each by itself. It will then be more easy to understand the conditions of mixed weather. When the meteorological observations on Ben Nevis are looked at as physical observations, and the object is to study the physics of the atmosphere, apart from all considerations of weather, then a separation such as that above indicated becomes an obvious preliminary. Had meteorology been first practised in the Tropics it would now be in a more advanced state than it is. The meteorology of Europe, like the tides on its coasts, is the most intricate and involved that can be found anywhere in the world, and it is the worst possible material on which the study could be commenced. Within the Tropics, and round the Poles, the conditions are simple and uninvolved, and the meteorological observations, at least those made within the Tropics, reflect this simplicity. Generally, in the Tropics there are two kinds of weather, indicated by the terms Dry season, Rainy season. In Europe, we have dry seasons and rainy seasons; but, whereas, in the Tropics the dry season occupies completely one-half of the year and the rainy season occupies completely the other half without any mutual interference, our wet and dry seasons alternate as many times in the course of a single day. Here it would seem to be indicated that we should do for ourselves what Nature does for us in the Tropics, and sort out the weather before discussing it.

The prime factor in determining the climate of a place is its Latitude, because this determines the altitude to which the sun rises from day to day and the length of

* *Transactions of the Royal Society of Edinburgh* (1899), vol. xxxix.—Part III. No. 31.

time that it is above the horizon each day. The heating power of the sun on any horizontal portion of the earth's surface varies with the sine of its altitude at the moment. All the elements of climate and weather depend ultimately on this factor, and its variability produces a corresponding variability in the weather. It is only necessary to consult a table of sines to see where the greatest variability is likely to occur. Thus, at the equator the sine of the sun's meridian altitude varies between 0·94 and 1·000, at either of the Tropics between 0·684 and 1·000, in lat. 45° between 0·367 and 0·930, and in the latitude of Ben Nevis (56° 48′ N.) it varies between 0·169 and 0·835. At the equator the sun's heating power at noon only varies by $7\frac{1}{2}$ per cent. of its maximum amount, while at Ben Nevis the variation is 80 per cent.

But the latitude of a place determines not only the intensity of the sun's heat which it receives, it also determines the intensity of the cooling to which it is exposed by radiation into the upper regions of the atmosphere and into space. This goes on all day independently of the sun's heating, but it becomes more apparent after the sun has set, and produces the greater effect the longer is the duration of the night, and this is a function of the latitude. While the altitude which the sun attains measures the heat which it supplies, and the length of the night determines the amount which is lost, both the heat received and that lost at any particular place may be in excess or in default of what it is entitled to, owing to its latitude alone. This is due to secondary actions set up by the primary heating and cooling, whereby one place may receive, in addition to its own, a supply of heat or of cold to which it is not entitled, thereby altering its climate as well as that of the other place which has supplied the heat or cold.

The principal secondary agencies through which the sun works are the atmosphere in its motion, both horizontal and vertical, and in its changes of volume; and the substance of water in its changes of state of aggregation. It cannot be doubted that, considering the Earth as a whole, the nett effect of these secondary agencies is *nil.* Yet their local effect is in many cases very great, as witness the difference in population between Great Britain and places in the same latitude in North America. The waters of the ocean are also a powerful secondary agency in the distribution of the sun's heat.

The published observations were begun on Ben Nevis in 1884, but, to avoid a broken series, the years from 1st January 1885 to 31st December 1897 are here considered.

The principle on which the dates were selected was:—For foggy weather, to take spells of three or more whole days of continuous foggy weather, and *continuous foggy weather* is defined by twenty-four consecutive entries of fog in the log of each day. The supply of foggy days seemed to be so abundant that the minimum length of spell was able to be fixed at three whole days. When it became a question of selecting the spells of clear weather it was necessary to adopt the hour as unit, and twenty-four consecutive hours during which fog was not once entered in the log was adopted as the

specification of the spell of clear weather of minimum duration. It was not possible to enforce the limitation that the twenty-four hours should all belong to the same day. It will be observed that a *clear* day only means twenty-four hours free of fog, and implies nothing with regard to the presence or absence of cloud overhead. Tables I. and II. give complete information as to the dates used.

Summit and Base.—Although observations have been made at the base of the mountain since the observatory on the summit was established, and for the last ten years a first-class observatory has existed at Fort-William, in this paper no account is taken of the observations made at the base. After the meteorology of the summit has been thoroughly studied by itself, and that of the base by itself, there will be greater light for the study of the combined observations and more assurance of the validity of the conclusions arrived at.

Details of Method of Selection.—A list of dates selected from the years 1885–1897 was made. The principle of the selection was, in the case of *foggy* weather, to pick out every block of at least three days of continuous fog; in the case of *clear* weather, to pick out every spell of at least twenty-four hours continuous clear weather. By a spell of *clear* weather is meant one in which *no fog* was logged. The blocks of *foggy weather* vary in length from three days to eleven days; the spells of clear weather vary in length from twenty-four hours to two hundred and eighty-three hours.

The following short table shows a summary of the quantity of material which was available on the principle of selection adopted.

Summary of Material Used.

Month.	Foggy Weather.		Clear Weather.	
	No. of Spells.	No. of Days.	No. of Spells.	No. of Hours.
January,	22	86	13	606
February,	12	54	26	1,158
March,	20	78	27	1,335
April,	16	59	30	1,728
May,	7	27	37	2,228
June,	12	42	46	2,895
July,	11	46	30	1,502
August,	17	58	19	971
September,	16	79	31	1,296
October,	17	64	21	951
November,	20	88	19	983
December,	15	66	14	697
Totals,	185	747	313	16,350

From it, it will be seen that 70 per cent. of the clear weather occurs in the months of April, May, and June, and generally there is much more prolonged clear weather in the spring half of the year than in the autumnal half. There is also less continuous

foggy weather in the spring half, there being a well-marked minimum in May. The months of August and especially September are rich in continuous foggy weather, and this accounts for the very bad reputation of the mountain among tourists. The month which figures in our lists with the maximum of foggy spells is November, the maximum of clear spells falls in June.

The distribution of the spells of clear and of foggy weather in the months of different years is worth attention. In January there were no spells of twenty-four hours' clear weather in the six years, 1889 to 1894 (inclusive). In March, May, June, and July, there is one year without a spell of clear weather; in February, April, August, and September, there are two years; in October and November, three; and in December, five years without a spell of clear weather. With regard to the spells of foggy weather of three days and upwards, we find only one year where they were awanting in January. In March, April, September, November, and December, there are two years; in June and August, three years; in February, July, and October, four years; and in May, six years where they were awanting.

Adding up the total number of hours of clear weather and days of foggy weather considered, we find that they make 681 and 747 days respectively, or a total of 1428 days out of 4748 days contained in the thirteen years, or, roughly speaking, one-third. Hence, out of the thirteen years we can make up four years in which the weather was either continuously clear or continuously foggy in the sense of our specification of these classes of weather.

TABLE *giving the Number of Minutes after Greenwich Mean Noon when it is Local Apparent Noon at Ben Nevis at Different Dates.*

Date.	Minutes.	Date.	Minutes.	Date.	Minutes.	Date.	Minutes.
Jan. 1	24	Mar. 30	24	Aug. 18	24	Nov. 2	3·7
,, 3	25	April 4	23	,, 24	23	,, 9	4
,, 5	26	,, 7	22	,, 27	22	,, 17	5
,, 7	27	,, 10	21	,, 30	21	,, 21	6
,, 9	28	,, 15	20	Sept. 1	20	,, 26	7
,, 12	29	,, 18	19	,, 4	19	,, 28	8
,, 15	30	,, 24	18	,, 7	18	,, 30	9
,, 20	31	,, 30	17	,, 9	17	Dec. 2	10
,, 24	32	May 15	16	,, 12	16	,, 4	11
,, 29	33	,, 25	17	,, 15	15	,, 7	12
Feb. 1	34	June 3	18	,, 17	14	,, 10	13
,, 11	34·5	,, 9	19	,, 20	13	,, 12	14
,, 19	34	,, 15	20	,, 22	12	,, 14	15
,, 27	33	,, 21	21	,, 25	11	,, 16	16
Mar. 2	32	,, 25	22	,, 30	10	,, 18	17
,, 7	31	,, 30	23	Oct. 3	9	,, 21	18
,, 10	30	July 2	24	,, 5	8	,, 23	19
,, 15	29	,, 12	25	,, 11	7	,, 24	20
,, 17	28	,, 18	26	,, 13	6	,, 26	21
,, 20	27	Aug. 1	26	,, 19	5	,, 28	22
,, 25	26	,, 12	25	,, 27	4	,, 30	23
,, 28	25						

Co-ordinates of the Ben Nevis Observatory.—Latitude 56° 48′ North ; Longtitude 5° 0′ West of Greenwich. Elevation above the sea 4407 feet or 1343 metres.

Time used in the Observatory.—The observations are made at every hour by a clock showing Greenwich mean time. The mountain lies 5° of longtitude west of Greenwich, so that the local mean time of Ben Nevis is twenty minutes earlier than mean time at Greenwich. With the varying values of the equation of time the local apparent time varies from 3·5 to 34·5 minutes earlier than Greenwich mean time. In the first of the accompanying tables (printed on the preceding page) is given, for a number of dates, the number of minutes after Greenwich mean noon when it is local apparent noon at Ben Nevis. It will be seen that at the beginning of November the sun crosses the meridian at only 3·5 minutes after noon by the clock; while at the beginning of February it does not do so till nearly thirty-five minutes after noon by the clock. Between 15th January and 10th March, 1 P.M. is nearer true local noon than 12 o'clock by the clock.

The second table gives the dates of days of lengths differing by half-an-hour, with the number of days elapsed since the vernal equinox.

Both of these tables are useful in interpreting the observations. The first naturally suggests the question whether at first-class observatories the hours of observation should not be regulated by local apparent time, especially when, as at Ben Nevis, hourly eye readings are made. When self-recording instruments are used, it as easy to

BEN NEVIS.—*Dates when the Length of the Day is an exact number of Half-hours.*

Days from vernal equinox.	Diff.	Date.	Length of Day.	Date.	Diff.	Days from vernal equinox.
93	23	June 21	17 h. 32 m.	21 June		93
70	9	May 29	17 hrs.	14 July	23	116
61	8	,, 20	16½	23 ,,	9	125
53	7	,, 12	16	31 ,,	8	133
46	8	,, 5	15½	8 Aug.	8	141
38	6	April 27	15	15 ,,	7	148
32	7	,, 21	14½	21 ,,	6	154
25	6	,, 14	14	28 ,,	7	161
19	6	,, 8	13½	4 Sept.	7	168
13	7	,, 2	13	10 ,,	6	174
6	6	Mar. 26	12½	16 ,,	6	180
365	6	,, 20	12	23 ,,	7	187
359	6	,, 14	11½	29 ,,	6	193
353	6	,, 8	11	5 Oct.	6	199
347	7	,, 2	10½	11 ,,	6	205
340	6	Feb. 23	10	18 ,,	7	212
334	6	,, 17	9½	24 ,,	6	218
328	7	,, 11	9	30 ,,	6	224
321	7	,, 4	8½	6 Nov.	7	231
314	7	Jan. 28	8	13 ,,	7	238
307	9	,, 21	7½	21 ,,	8	246
298	22	,, 12	7	30 ,,	9	255
276	21	Dec. 21	6 h. 28 m.	21 Dec.	21	276

take off the values for one time as for another. It is certain that it is apparent time and not any conventional time that rules meteorological phenomena.

Winds.—Only the direction of the wind is given in the tables. In foggy weather the prevailing directions are N., N.W., W., and S.W., the greatest percentage being from the West. In clear weather the prevailing directions are N., S.E., and S., with a maximum at S.E., while calms occur very frequently. The cyclonic gales so common on our coasts, especially in winter, blow hardest between S.W. and N.W., and on these occasions the summit is usually enveloped in fog. On the other hand, in anti-cyclonic weather the air has hardly any sensible horizontal motion, and is generally clear and warm.

In the following short table are given the general results of the classification of the winds according to percentage, and distributed over eight points of the compass:—

Weather.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.	
Clear . .	17·45	6·01	11·63	18·85	16·74	8·94	6·17	3·54	10·67	100
Foggy . .	16·88	5·28	3·63	5·64	6·95	17·82	23·72	16·65	3·43	100

If the winds were equally distributed round the compass we should have 12·5 per cent. from each point. In clear weather the amounts are above the average for N., S.E. and S.; in foggy weather, they are above the average for S.W., W., N.W. and N.; the maximum falling on W., with 23·72 per cent., and the minimum on E., with 3·63 per cent.

Rainfall.—In continuous foggy weather there is always some precipitation measured, and it is usually very abundant. There is only one spell of foggy weather in which no precipitation was registered, and that was January 1897. In continuous clear (not necessarily cloudless) weather it may be said that it never rains at all. The only exception which could be taken to this might be the cases of June and August. In June, in the 2895 selected hours, the total amount of rain measured was 1·243 ins., giving an average of one hundredth of an inch in twenty-four hours. In August, in the 971 selected hours, 0·72 in. fell, giving an average of 0·018 in. per twenty-four hours. There are only five occasions in the course of the thirteen years when more than one-tenth of an inch of rain fell during the clear weather of any one month, and the chief of these are 0·685 in. in August 1890, and 0·298 and 0·774 in. in June of 1887 and 1893 respectively. Two-thirds of the whole rain fell in these five months, the remaining third is distributed over forty months, and 111 months out of the total of 156 have none at all.

If we now turn to foggy weather, we see a very different state of things. As already pointed out, there is only one spell of foggy weather where no rain or precipitation has been measured. The smallest mean daily rainfall in foggy weather is

0·590 in. in April. The highest daily mean is 1·286 in. in September, and next to it comes February with 1·270 in., and October with 1·163 in. April, May, June, July, and August are all under the mean for the year, which is 0·998 in., or almost exactly one inch. When it is remembered that in foggy weather the air is always saturated, and besides that it has disseminated through it particles of water, which form the fog, on which the vapour can immediately and without resistance condense, and that in summer there is a much larger percentage of water vapour present in the atmosphere than is found in winter, it appears somewhat remarkable that the summer rainfall per foggy day should be so much lower than that of winter. When we turn to the maximum rainfall of any foggy day in each month during the thirteen years, we find these same months below the average again. The absolute maximum for the thirteen years falls on the 3rd October 1890, when 7·287 ins. fell in the twenty-four hours; the next highest value, 6·668 ins., falls on 6th February 1894, and the maximum rainfall on a foggy day is above five inches in December, January, and March. The greatest fall in one hour occurred between fifteen and sixteen hours on 14th January 1890, when 0·850 in. fell.

The following short table puts together concisely the results of the rainfall measurements in the two kinds of weather, and shows clearly the great contrast between them in this respect:—

Month.	Clear Weather.			Foggy Weather.					
	Number of Hours.	Total Rainfall in Month.	Mean Rainfall per 24 Hours.	Number of Days.	Total Rainfall in Month.	Mean Rainfall per Day.	Maximum Rainfall in one Day.	Date of Maximum.	
		Inches.	Inch.		Inches.	Inches.	Inches.	Day.	Year.
January, . .	606	0·004	0·00015	86	93·029	1·082	5·476	29	'92
February, . .	1,158	·033	·00069	54	68·587	1·270	6·668	6	'94
March, . .	1,335	·003	·00005	78	82·602	1·059	5·210	11	'90
April, . .	1,728	·110	·00153	59	34·782	0·590	2·530	22	'90
May, . .	2,228	·392	·00422	27	20·555	0·761	2·880	15	'92
June, . .	2,895	1·243	·01030	42	32·579	0·776	2·108	16	'97
July, . . .	1,502	0·169	·00270	46	41·452	0·901	2·337	13	'90
August, . .	971	·720	·01777	58	55·852	0·963	3·483	29	'92
September, .	1,296	·046	·00085	79	101·646	1·287	4·930	31	'91
October, . .	951	·064	·00161	64	74·438	1·163	7·287	3	'90
November, .	983	·076	·00185	88	91·660	1·042	4·294	28	'93
December, . .	697	·000	·00000	66	71·049	1·076	5·340	12	'85
Sums, . .	16,350	2·860		747	768·231				
Mean, . .			0·00389			0·998	4·379		

Barometric Pressure.—Next to the rainfall, the most striking difference between clear and foggy weather on Ben Nevis is shown by the large and continuous excess of pressure in clear weather over that in foggy weather. At every hour of the year, without a single exception, the mean monthly pressure is several tenths of

an inch higher in clear than in foggy weather. The maximum excess recorded in the table is 0·602 in. at twenty-one hours in January, and the minimum is 0·296 in. at fourteen hours in February. In the following small table the mean monthly and the mean annual excesses of pressure in clear weather over that in foggy weather are given in the first line, and the difference of the mean monthly excesses from the annual excess are given in the second line.

Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Mean.
0·570	0·320	0·501	0·353	0·372	0·390	0·414	0·433	0·519	0·550	0·537	0·513	0·456 inch
+·114	−·126	+·045	−·103	−·084	−·066	−·042	−·023	+·063	+·094	+·081	+·057	0·000

Roughly speaking, in spring and summer the excess is below the mean, excepting the month of March, and in autumn and winter it is above the mean. The drop from the maximum to the minimum value in one month, from January to February, is very remarkable, but the recovery in March to a much higher value, and indeed to a second maximum, suggests that there are special reasons for this irregularity which may be accidental to the particular years under consideration. It is certainly difficult to imagine, though it is well worth while to try to find out, what conditions vary so much and so rapidly between January and April that the excess of pressure in question should show the variations which we observe in the table.

A general summary of the movements of the barometer during the year is presented in the tables on the following page, in terms of the inch and the millimetre respectively.

Tension of Aqueous Vapour.—In foggy weather the vapour tension is that of saturation at the temperature of the air. As the water particles which form the fog permeate the whole of the air, any addition of heat has the effect of changing into vapour a portion of the fog, and any loss of heat has the opposite effect, of condensing some of the vapour of the air on the water (or ice) of the fog, both being accompanied by a certain exchange of heat. In the clear weather the atmosphere is generally in a state far removed from saturation, and the effect of addition or removal of heat is simply a rise or fall of temperature. In itself the air in clear weather has no means of increasing its supply of water vapour.

The barometric pressure is the measure of the sum of the tensions of the various gaseous constituents of the atmosphere. If this pressure is diminished all the constituents expand proportionately, and their tensions diminish also proportionately. If the pressure is increased they contract in the same proportion, and their tensions increase proportionately.

Therefore the determination of the tension of the aqueous vapour in the atmosphere, combined with that of its barometric pressure, furnishes *an exact analytical method* for the determination of the composition by volume of the air, in respect of water vapour and permanent gas.

Summary.—Barometric Pressure—Inches.

		n.	Jan.	Feb.	March.	April.	May.	June.	July.	August.	Sept.	Oct.	Nov.	Dec.	Mean.
			Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.
Clear Weather.	Absolute maximum, ...	1	26·005	26·063	25·946	26·003	26·014	25·992	25·929	25·925	25·981	26·047	26·068	25·914	25·991
	Absolute minimum, ...	2	24·791	24·686	24·324	25·072	25·115	25·179	25·217	25·231	24·979	24·957	25·003	24·798	24·946
	Range, ... (1–2)	3	1·214	1·377	1·622	0·931	0·899	0·813	0·712	0·694	1·002	1·090	1·065	1·116	1·045
	Mean, ...	4	25·618	25·532	25·472	25·536	25·659	25·657	25·628	25·660	25·712	25·670	25·663	25·536	25·612
Foggy Weather.	Absolute maximum, ...	5	25·838	25·807	25·663	25·824	25·744	25·755	25·612	25·691	25·761	25·749	25·947	25·800	25·766
	Absolute minimum, ...	6	24·011	23·869	23·943	24·188	24·830	24·757	24·686	24·360	24·260	24·371	24·085	23·742	24·259
	Range, ... (5–6)	7	1·827	1·938	1·720	1·636	0·914	0·998	0·926	1·331	1·501	1·378	1·862	2·058	1·507
	Mean, ...	8	25·048	25·212	24·971	25·183	25·287	25·267	25·214	25·227	25·193	25·120	25·126	25·023	25·156
	Difference, ... (4–8)	9	0·570	0·320	0·501	0·353	0·372	0·390	0·414	0·433	0·519	0·550	0·537	0·513	0·456

Summary.—Barometric Pressure—Millimetres.

		n.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Mean.
			mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.
Clear Weather.	Absolute maximum, ...	1	660·66	661·93	659·13	660·40	660·66	660·15	658·62	658·62	659·89	661·67	662·18	658·12	660·17
	Absolute minimum, ...	2	629·67	627·13	617·73	636·78	637·80	639·57	640·59	640·84	634·49	633·99	635·00	629·92	633·63
	Range, ... (1–2)	3	30·99	34·80	41·40	23·62	22·86	20·58	18·03	17·78	25·40	27·68	27·18	28·20	26·54
	Mean, ...	4	650·75	648·46	646·94	648·72	651·77	651·77	651·00	651·77	653·04	652·02	651·77	648·72	650·50
Foggy Weather.	Absolute maximum, ...	5	656·34	655·58	651·77	655·83	653·80	654·31	650·50	652·53	654·31	654·05	659·13	655·32	654·46
	Absolute minimum, ...	6	609·86	606·30	608·08	611·89	630·68	628·91	627·13	618·75	616·21	619·00	611·89	603·00	615·98
	Range, ... (5–6)	7	46·48	49·28	43·69	43·94	23·12	25·40	23·37	33·78	38·10	35·05	47·24	52·32	38·48
	Mean, ... (4–8)	8	636·27	640·34	634·24	639·57	642·37	641·86	640·34	640·84	639·83	638·05	638·30	635·51	639·07
	Difference, ...	9	14·48	8·12	12·70	9·15	9·40	9·91	10·66	10·93	13·21	13·97	13·47	13·21	11·43

Summary.—Tension of Aqueous Vapour in Inches, and Percentage of the same in the Air.

		n.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Mean.
			Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.
Clear Weather.	Absolute maximum, . .	1	0·217	0·197	0·207	0·272	0·333	0·456	0·374	0·424	0·367	0·289	0·264	0·257	0·305
	Absolute minimum, . .	2	0·020	0·012	0·007	0·021	0·024	0·048	0·087	0·093	0·072	0·038	0·016	0·010	0·037
	Range, . . (1–2)	3	0·197	0·185	0·200	0·251	0·309	0·408	0·287	0·331	0·295	0·251	0·248	0·247	0·268
	Mean, ...	4	0·0892	0·0790	0·0933	0·1230	0·1731	0·2218	0·2365	0·2290	0·1944	0·1395	0·1110	0·0848	0·1479
Foggy Weather.	Absolute maximum, . .	5	0·221	0·223	0·274	0·214	0·265	0·323	0·336	0·348	0·374	0·348	0·265	0·238	0·286
	Absolute minimum, . .	6	0·077	0·030	0·078	0·091	0·113	0·143	0·160	0·171	0·136	0·113	0·091	0·071	0·106
	Range, . . (5–6)	7	0·144	0·193	0·196	0·123	0·152	0·180	0·176	0·177	0·238	0·235	0·174	0·167	0·180
	Mean, ...	8	0·1464	0·1519	0·1471	0·1555	0·1794	0·2074	0·2239	0·2447	0·2190	0·1975	0·1700	0·1478	0·1825
	Difference, . (4–8)	9	−0·0572	−0·0729	−0·0538	−0·0325	−0·0063	−0·0144	+0·0126	−0·0157	−0·0246	−0·0580	−0·0590	−0·0630	−0·0346
Clear Weather.	Mean Barometric Pressure,	10	25·618	25·532	25·472	25·536	25·659	25·657	25·628	25·660	25·712	25·670	25·663	25·536	25·612
	Mean % of H_2O (100 × 4/10),	11	0·344	0·309	0·366	0·482	0·674	0·864	0·921	0·892	0·756	0·553	0·433	0·332	0·576
Foggy Weather.	Mean Barometric Pressure,	12	25·048	25·212	24·971	25·183	25·287	25·267	25·214	25·227	25·193	25·120	25·126	25·023	25·156
	Mean % of H_2O (100 × 8/12),	13	0·583	0·600	0·589	0·675	0·710	0·819	0·888	0·970	0·868	0·785	0·675	0·590	0·725
	Difference, . (11–13)	14	−0·239	−0·291	−0·223	−0·133	−0·036	+0·045	+0·033	−0·078	−0·112	−0·232	−0·242	−0·258	−0·149

Summary.—Tension of Aqueous Vapour in Millimetres, and Percentage of the same in the Air.

		n.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Mean.
			mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.
Clear Weather.	Absolute maximum, . .	1	5·51	5·00	5·26	6·91	8·46	11·58	9·50	10·77	9·32	7·34	6·71	6·53	7·74
	Absolute minimum, . .	2	0·51	0·31	0·18	0·53	0·61	1·22	2·21	2·36	1·83	0·97	0·41	0·25	0·95
	Range, . . (1–2)	3	5·00	4·69	5·08	6·38	7·85	10·36	7·29	8·41	7·49	6·37	6·30	6·25	6·79
	Mean, ...	4	2·26	2·01	2·36	3·12	4·39	5·64	5·99	5·82	4·93	3·53	2·82	2·16	3·76
Foggy Weather.	Absolute maximum, . .	5	5·61	5·66	6·96	5·44	6·73	8·20	8·53	8·84	9·50	8·84	6·73	6·05	7·26
	Absolute minimum, . .	6	1·96	0·76	1·98	2·31	2·87	3·63	4·06	4·34	3·45	2·87	2·31	1·80	2·70
	Range, . . (5–6)	7	3·65	4·90	4·98	3·13	3·86	4·57	4·47	4·50	6·05	5·97	4·42	4·25	4·56
	Mean, ...	8	3·71	3·86	3·73	3·94	4·55	5·26	5·69	6·22	5·56	5·03	4·32	3·76	4·65
	Difference, . (4–8)	9	−1·45	−1·85	−1·37	−0·82	−0·16	+0·38	+0·30	−0·40	−0·63	−1·50	−1·50	−1·60	−0·89
Clear Weather.	Mean Barometric Pressure,	10	650·75	648·46	646·94	648·72	651·77	651·77	651·00	651·77	653·04	652·02	651·77	648·72	650·50
	Mean % of H_2O (100 × 4/10),	11	0·344	0·309	0·366	0·482	0·674	0·864	0·921	0·892	0·756	0·553	0·433	0·332	0·576
Foggy Weather.	Mean Barometric Pressure,	12	636·47	640·34	634·24	639·57	642·37	641·86	640·34	640·84	639·83	638·05	638·30	635·51	639·07
	Mean % of H_2O (100 × 8/12),	13	0·583	0·600	0·589	0·615	0·710	0·819	0·888	0·970	0·868	0·785	0·675	0·590	0·725
	Difference, . (11–13)	14	−0·239	−0·291	−0·223	−0·133	−0·036	+0·045	+0·033	−0·078	−0·112	−0·232	−0·242	−0·258	−0·149

Temperature.—The mean temperature of the year is 3·57° F. higher in clear weather than in foggy weather. Amongst the monthly values this excess is greatest in June, when it reaches 10·11° F. In the first three months of the year the difference is in the opposite sense. The temperature is then higher in foggy than in clear weather, the excess being 2·92° F. in February. The mean temperature of the months October to March is almost the same for both kinds of weather, being 28·70° F. for clear and 28·51° F. for foggy weather. Amongst the hourly values the greatest excess of temperature in clear over that in foggy weather is 13·4° F. at fifteen hours in June, and the greatest difference in the opposite sense is 4·3° F. at one hour in March. The range of mean hourly temperature is much greater in clear than in foggy weather in every month.

In this respect again the difference between clear weather and foggy weather on Ben Nevis is the same in kind as that between the dry season and the rainy season in the Tropics.

In foggy weather the mean daily range of temperature is very small in winter, and by no means large in summer. The maximum mean daily range is 2·5° F. in May, when the mean monthly temperature is 31·42° F. The maximum mean monthly temperature, 39·58° F., falls in August, and then the daily range is only 1·7° F. In clear weather the maximum mean monthly temperature, 46·46° F., falls in July, and the maximum mean daily range, 8·2° F., falls in the same month. In clear weather the effect of adding heat is to raise the temperature of the air and to increase its volume. In foggy weather a large portion of it is rendered latent by the evaporation of a portion of the water in a very fine state of subdivision disseminated through it. It may be doubted whether the direct heat of the sun has any part in producing the diurnal range of temperature during continuous foggy weather. At the upper surface of the fog-cloud we would expect the sun's rays to be largely reflected from the dazzlingly white surface which such a cloud always presents when viewed from above in bright sunshine, and that the remainder would be absorbed in evaporating the upper layer of fog, leaving nothing to be transmitted downwards. There is, as a rule, a resultant current of air upwards during the day; and when the cloud, as is often the case, does not spread to a great distance from the mountain side, the lower ground is enjoying sunshine, and the upward circulation is very active. The fact that the month of May has the greatest amount of clear weather and also the greatest daily range of temperature in foggy weather seems to support this view. In winter the daily range of temperature is under 1° F.

Mean Hourly March of Temperature in each Month.—This is conveniently treated with respect to the hourly change of temperature during the day and without respect to the actual temperatures at these hours.

If we review the curves which have been drawn for each month, and are to be found in the original paper, we see that they fall into two distinct types. The one

type is predominant in the winter months and the other in the summer months. For this purpose the winter months are October to March, and the summer months April to September. The principal feature which distinguishes the winter months from the summer months in clear weather is the occurrence in the former of *a pronounced nocturnal heating effect.* This shows itself particularly in the curves for November, December, January, and February; in October and March the passage between the summer and winter types is apparent.

Confining our attention more especially to the four months about midwinter, we find the abnormal feature referred to very strongly marked in November.

It persists in the month of December, and, apparently, more intensely relatively to the normal solar heating than in November. At the first glance at the curve it would not be thought so, for there is no prominent rise and fall of the curve during the night, as in November. The fall is then just before sunrise, but the minimum and with it the fall and rise between the diurnal and the nocturnal heating is almost obliterated, so that the curve, after rising in the forenoon to the normal maximum in the early afternoon, hardly falls at all, and merges into the nocturnal heating, forming a very flat curve, nearly parallel to the base line.

Nocturnal heating is observed in foggy weather in most of the months, and it takes the form of a sharp rise of temperature between midnight and 1 A.M., which then falls gradually to a minimum at or near the hour of sunrise; but there are exceptions to this, as in November, and particularly in January, when the temperature rises very uniformly from a minimum at midnight to a maximum at noon, and then falls again as uniformly to the midnight minimum again.

It must not be forgotten, in dealing with the winter months at Ben Nevis, that the solar influence is very small. Lying in lat. 56°48′ N. the sun's meridian altitude at the winter solstice is only 9° 35′, and the length of the day is under $6\frac{1}{2}$ hours. It is, therefore, chiefly at this season that we might expect terrestrial or geographical influences to produce their most apparent effect. With the march of the season the influence of the sun increases very rapidly, and it has a tendency to obliterate the effects of other agents, especially in the hours of the day when its heating power is increasing or diminishing most rapidly. In the summer months, when the diurnal range of temperature is considerable, it is only in the neighbourhood of the epochs of maximum and of minimum temperature that other influences can make themselves felt. At these times, and especially at the time of maximum temperature, the heating and cooling influences are for a time in a condition approaching equilibrium, during which the temperature remains nearly constant, and its curve runs sensibly parallel to the line of time-abscissæ. Here we might expect other influences to show themselves; and, in fact, if we inspect the curves, especially those relating to clear weather, we see that most of them show great irregularities in the neighbourhood of the extremes. Nearly all the clear weather curves have strongly-marked irregularities near the date of minimum temperature, and most of them, as February, March, August, and October, show similar irregularities near

the date of maximum. In foggy weather the hour to hour irregularities of mean temperature are, as might be expected, much less striking, with, however, the exception of the month October, when we have a very remarkable oscillation of temperature from hour to hour during the whole morning. If we were to calculate the mean temperature of the morning from the odd hours, 1, 3, 5 . . . . 11, we should find it quite half a degree lower than if we used the even hours, 2, 4 . . . . 12. One reason for the greater uniformity of the temperature curves in foggy weather than in clear weather is that there are no effects of alternating cloud and sunshine. In clear weather we have these effects, and to some extent they must be held responsible for the irregularities apparent. This, however, applies only to the daylight hours, and we see that the irregularities in clear weather are by no means confined to these hours.

In dealing with the barometric pressure we have found something very similar to what we have just noticed in regard to temperature, namely, that the curves for foggy weather are much smoother and more uniform than those for clear weather, and the clear weather barometric curves present nearly as irregular and serrated an outline as those of temperature.

The Table on page 14 gives a summary for the year of the movements of temperature. The mean dew-point for each month is given for clear weather, and the excess over it of the mean monthly temperature in foggy weather is given. It is only in June and July that the mean temperature of the air in foggy weather is under the mean dew-point in clear weather. As the air is always completely saturated in foggy weather on Ben Nevis, the temperature of the air is also its dew-point.

In this paper, no distinction is made between one kind of fog and another, and they are not distinguished in the monthly sheets of the Observatory. There are, however, several different kinds of fog, and these are clearly distinguished by the observers living on the mountain. There is the very wet fog, which is called *mist* in the log, and there is the comparatively dry fog, which is logged *fog*. Then both the fog and mist in winter seem to be much denser than in summer. These belong to the elements of meteorology which cannot be expressed in numbers. They are as important as those which can be so expressed; and they can be brought into the discussion of the meteorology of the mountain with their due weight and importance only by men who have spent a considerable time there as observers. Whether wet or dry, the fog which characterises the climate of the mountain is nothing but *cloud* under another name. The lower surface of the clouds which form on the hills rising out of the Western Ocean is found generally at a height of about three thousand feet above the sea. On the west coast of Scotland the air is very damp, and the clouds abundant, consequently the observatory on the summit of Ben Nevis is usually situated in the heart of the common clouds of the country. It may, therefore, be claimed that it is in reality an observatory established in the clouds, and that the observations made in it furnish a record of the meteorology of the clouds. In this respect the Observatory of Ben Nevis is unique.

Summary.—Temperature and Dew-Point in Fahrenheit's Degrees.

		n.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Mean.
			° Fah.	° Fah.	° Fah.	° Fah.	° Fah.	° Fah.	° Fah.	° Fah.	° Fah.	° Fah.	° Fah.	° Fah.	° Fah.
Clear Weather.	Absolute maximum,	1	48·3	46·1	41·2	52·5	54·1	66·2	64·0	62·2	59·9	55·5	52·0	41·9	53·7
	Absolute minimum,	2	10·2	7·0	5·7	11·5	17·9	25·0	30·3	32·0	26·4	16·2	13·2	14·3	17·5
	Range, (1–2)	3	38·1	39·1	35·5	41·0	36·2	41·2	33·7	30·2	33·5	39·3	38·8	27·6	36·2
	Mean,	4	26·44	24·46	24·12	30·81	38·14	45·34	46·47	45·54	43·48	35·96	32·74	28·46	35·16
	Mean Dew-point,	5	15·20	12·40	16·20	22·75	31·05	37·29	38·95	38·12	33·95	25·77	20·15	14·00	25·49
Foggy Weather.	Absolute maximum,	6	37·6	37·3	40·0	37·3	41·8	47·0	48·1	49·0	51·0	49·0	41·8	39·0	43·2
	Absolute minimum,	7	12·9	10·5	13·1	16·7	21·1	26·3	29·0	30·6	25·1	21·0	16·4	11·2	19·5
	Range, (6–7)	8	24·7	26·8	26·9	20·6	20·7	20·7	19·1	18·4	25·9	28·0	25·4	27·8	23·7
	Mean,	9	26·61	27·37	26·62	28·05	31·43	35·24	37·24	39·59	36·53	33·71	30·12	26·62	31·59
	Difference, (4–9)	10	−0·17	−2·71	−2·50	+2·76	+6·71	+10·10	+9·23	+5·95	+6·95	+2·25	+2·62	+ 1·84	+3·59
	Difference, (5–9)	11	−11·41	−14·97	−10·42	−5·30	−0·38	+ 2·05	+1·71	− 1·47	−2·58	−7·94	−9·97	−12·62	−6·11

Summary.—Temperature and Dew-Point in Celsius' Degrees.

		n.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Mean.
			° C.	° C.	° C.	° C.	° C.	° C.	° C.	° C.	° C.	° C.	° C.	° C.	° C.
Clear Weather.	Absolute maximum,	1	9·06	7·83	5·11	11·39	12·28	19·00	17·78	16·78	15·50	13·06	11·11	5·50	12·05
	Absolute minimum,	2	−12·11	−13·89	−14·61	−11·39	−7·83	−3·89	−0·94	0·00	−3·11	−8·78	−10·44	−9·83	−8·05
	Range, (1–2)	3	21·17	21·72	19·72	22·78	20·11	22·89	18·72	16·78	18·61	21·84	21·55	15·33	20·10
	Mean,	4	−3·08	−4·20	−4·38	−0·67	3·41	7·41	8·04	7·53	6·38	2·20	0·96	−1·97	1·76
	Mean Dew-point,	5	−9·33	−10·89	−8·78	−5·14	−0·53	2·94	3·86	3·40	1·08	−3·46	−6·58	−10·00	−3·62
Foggy Weather.	Absolute maximum,	6	3·11	2·94	4·44	2·94	5·44	8·33	8·94	9·44	10·56	9·44	5·44	3·89	6·22
	Absolute minimum,	7	−10·61	−11·94	−10·50	−8·50	−6·06	−3·17	−1·67	−0·78	−3·83	−6·11	−8·67	−11·56	−6·94
	Range, (6–7)	8	13·72	14·88	14·94	11·44	11·50	11·50	10·61	10·22	14·39	15·55	14·11	15·45	13·16
	Mean,	9	−2·99	−2·58	−2·98	−2·19	−0·31	1·80	2·91	4·22	2·53	0·95	−1·05	−2·99	−0·22
	Difference, (4–9)	10	−0·09	−1·62	−1·40	+1·52	+3·72	+5·61	+5·13	+3·31	+3·85	+1·25	+2·01	+1·02	+1·98
	Difference, (5–9)	11	−6·34	−8·31	−5·80	−2·95	−0·22	+1·14	+0·95	−0·82	−1·45	−4·41	−5·53	−7·01	−3·40

[To face page 478.

TABLE I.

Complete List of Dates used in Spells of Continuous Clear Weather.

Month.	1885.				1886.				1887.				1888.				1889.				1890.				1891.				1892.				1893.				1894.				1895.				1896.				1897.			
	from		to		from		to		from		to		from		to		from		to		from		to		from		to		from		to		from		to		from		to		from		to		from		to		from		to	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.
January,	14	9	17	11	5	15	7	4	...	...	...	...	10	14	12	23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	1	6	6	...	...	...	...
	19	15	21	17	19	22	21	2	14	17	15	16	13	6	16	15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7	22	9	2	22	9	23	8	...	...	...	...
	21	22	23	17	...	...	...	...	...	...	...	...	17	5	20	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	...	...	...	...	...	...	...	...	...	...	...	...	27	24	28	23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
February,	...	...	...	...	2	23	3	24	7	20	10	7	15	3	16	19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8	3	9	4	...	...	...	...	2	14	3	16
	15	22	17	10	4	4	5	17	11	19	13	6	24	18	25	21	...	...	...	...	6	15	9	16	18	10	21	9	18	2	19	5	...	...	...	...	13	21	14	24	9	6	11	21	23	11	25	2	11	18	12	22
	...	...	...	...	15	17	18	10	25	18	26	21	27	11	29	1	...	...	...	...	23	22	26	6	22	21	24	3	19	11	20	15	...	...	...	...	...	...	...	...	11	23	13	7	...	...	...	...	...	...	...	...
	...	...	...	...	...	...	...	...	27	9	28	19	...	...	...	...	...	...	...	...	...	...	...	...	24	6	27	24	...	...	...	...	...	...	...	...	...	...	...	...	16	13	20	11	...	...	...	...	...	...	...	...
March,	12	20	14	12	6	22	8	23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	13	6	4	18	9	19	22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	22	15	23	20	9	2	10	15	4	13	7	8	17	22	21	10	...	...	...	...	1	11	3	5	7	16	9	19	11	10	12	15	21	3	24	4	...	...	...	...	...	...	...	...	11	21	13	5	29	12	30	15
	...	...	...	...	10	22	13	3	18	18	19	10	27	13	28	15	26	20	17	24	...	...	...	...	10	15	14	10	14	18	16	13	24	10	25	16	22	11	31	16	...	...	...	...	29	14	30	14	30	18	31	16
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	19	7	20	20	26	8	27	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	30	10	...	...	27	2	29	21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
April,	...	...	...	...	11	14	12	15	7	6	8	22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	7	22	8	23	20	15	23	9	8	24	12	22	23	24	25	5	...	...	...	...	2	7	4	16	7	13	10	7	8	5	12	2	3	21	6	4	18	24	20	2	...	...	...	...	...	...	...	...	21	12	23	18
	12	18	17	23	26	7	27	10	13	1	14	20	...	...	...	...	...	...	...	...	11	7	12	21	16	19	20	18	14	4	15	18	8	1	10	13	20	7	21	23	13	18	19	5	...	...	...	...	25	24	27	12
	...	...	...	...	28	4	30	3	...	...	...	...	...	...	...	...	...	...	...	...	27	11	28	22	23	1	24	3	28	16	29	16	21	4	25	20	27	19	28	20	...	...	...	...	...	...	...	...	...	...	...	...
	...	...	...	...	30	21	...	...	29	12	...	...	...	...	...	...	...	...	...	...	30	14	...	...	24	10	26	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
May,	...	...	...	...	...	...	2	19	...	...	1	4	...	...	...	...	...	...	...	...	...	...	2	16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	20	5	5	1	22	3	2	...	...	...	...
	...	...	...	...	6	15	8	2	15	6	17	6	9	12	12	9	12	8	14	3	3	14	4	19	9	9	12	18	3	15	7	3	9	1	10	17	16	16	18	18	5	8	9	1	3	10	5	3	12	9	13	15
	...	...	...	...	21	17	22	18	...	...	...	...	21	8	26	24	25	17	28	4	8	10	9	21	...	...	...	...	9	11	12	20	14	4	16	8	21	24	25	2	10	8	12	16	5	24	14	10	15	15	24	16
	...	...	...	...	22	23	23	24	...	...	...	...	...	...	...	...	...	...	...	...	22	22	26	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	17	9	18	20	14	24	16	6	...	...	...	...
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	26	15	28	13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	23	14	24	16	26	10	28	1	...	...	...	...
	...	...	...	...	31	10	...	...	27	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	31	21	...	...	29	13	31	12	29	19	31	14	31	10	...	...
June,	7	14	9	3	...	...	1	10	...	...	4	14	...	...	...	...	...	...	...	...	...	...	...	...	1	7	2	13	...	...	...	...	...	...	...	...	...	...	2	4	...	...	...	...	...	...	...	...	...	...	1	20
	10	2	11	5	2	16	5	5	...	...	...	...	4	16	6	14	4	1	7	3	...	...	...	...	2	17	5	3	5	10	6	10	8	20	9	22	2	6	4	3	2	7	3	18	11	11	12	19	3	10	4	20
	24	5	26	2	7	4	8	3	15	20	27	6	13	24	15	2	10	1	11	20	...	...	...	...	5	11	7	10	20	23	22	5	11	10	12	16	5	16	6	16	4	23	7	20	13	2	16	6	27	10	28	14
	28	4	27	3	17	22	20	22	29	6	30	5	15	14	27	8	16	10	23	13	...	...	...	...	8	7	12	24	...	...	...	...	12	18	15	24	7	4	8	20	14	4	16	5	...	...	...	...	...	...	...	...
	27	7	28	6	...	...	...	...	...	...	...	...	...	...	...	...	23	15	25	1	...	...	...	...	19	16	24	5	...	...	...	...	17	6	19	3	13	1	14	8	23	2	26	5	...	...	...	...	...	...	...	...
	...	...	...	...	29	19	...	...	...	...	...	...	30	6	...	...	25	3	26	16	...	...	...	...	...	...	...	...	...	...	...	...	29	24	...	...	28	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
July,	1	14	3	2	...	...	1	23	5	24	6	24	...	...	1	22	...	...	...	...	...	...	...	...	...	...	...	...	9	22	10	23	...	...	2	3	...	...	2	3	...	...	...	...	...	...	...	...	...	...	...	...
	20	1	22	4	...	...	...	...	17	10	18	14	11	22	12	24	...	...	...	...	16	4	18	4	8	22	10	22	12	7	14	9	4	21	7	3	22	12	24	20	...	...	...	...	27	23	29	3	...	...	...	...
	23	5	24	22	...	...	...	...	...	...	...	...	19	1	20	21	1	23	6	14	18	24	20	5	13	15	16	6	15	10	16	12	15	10	16	10	27	20	30	3	24	19	25	18	...	...	...	...	10	18	21	16
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	31	1	31	24	23	4	24	7	26	24	28	3	30	7	31	22	...	...	...	...	...	...	...	...	...	...	...	...
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	24	9	25	22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	26	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	27	21	30	13	...	...	...	...	...	...	...	...	...	...	...	...	31	9	...	...	...	...	...	...
August,	...	...	2	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8	20	9	19	22	3	23	15	...	...	...	...	...	...	1	10	...	...	...	...
	4	22	6	7	3	10	4	19	3	2	6	6	15	9	19	2	7	23	8	21	7	22	9	16	...	...	...	...	9	10	10	10	12	16	14	7	24	15	27	1	...	...	...	...	9	5	10	10	3	8	4	21
	17	13	22	15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10	13	11	13	...	...	...	...	...	...	...	...	...	...	...	...	28	23	30	7	...	...	...	...	...	...	...	...	...	...	...	...
	22	22	24	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	30	22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
September,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	15	2	18	...	...	...	...	...	...	...	...	...	...	...	...
	...	...	1	20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8	23	10	20	...	...	...	...	...	...	...	...	...	...	...	...
	...	...	...	...	2	18	5	5	17	10	18	15	8	4	9	16	...	...	...	...	6	4	7	20	11	5	13	3	...	...	...	...	3	13	4	23	11	20	13	17	8	23	9	24	...	...	...	...	9	1	10	16
	...	...	...	...	15	12	17	2	19	18	21	7	16	5	17	5	6	9	7	16	12	8	13	24	22	1	23	12	20	21	23	4	10	13	11	11	15	16	16	21	22	19	24	7	...	...	...	...	10	18	11	16
	...	...	...	...	...	...	...	...	21	20	23	13	18	23	24	4	...	...	...	...	15	10	16	21	...	...	...	...	...	...	...	...	...	...	...	...	17	6	19	14	...	...	...	...	...	...	...	...	...	...	...	...
	...	...	...	...	...	...	...	...	23	15	24	20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	23	2	24	4	...	...	...	...	...	...	...	...	...	...	...	...
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	27	12	28	11	...	...	...	...	...	...	...	...	...	...	...	...
	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	29	18	...	...	28	1	...	...	...	...	...	...	...	...	...	...
October,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	14	3	21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	2	...	...	1	19	...	...	...	...	4	4	5	6
	16	1	17	2	...	...	...	...	...	...	...	...	18	12	19	22	16	22	17	24	7	23	8	21	28	8	29	19	24	15	26	11	...	...	...	...	2	4	5	22	16	12	17	23	12	16	14	8	20	5	26	23
	21	1	22	23	...	...	...	...	...	...	...	...	20	13	23	4	27	21	28	24	18	19	19	21	30	7	31	21	...	...	...	...	...	...	...	...	10	20	11	20	...	...	...	...	14	22	17	5	...	...	...	...
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	30	4	31	6	31	16	...	...	...	...	...	...	...	...	...	...
November,	9	14	11	23	...	...	...	...	9	6	10	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8	19	14	8	...	...	...	...	...	...	1	24	1	4	2	7	...	...	...	...
	15	1	19	10	...	...	...	...	13	9	14	19	...	...	...	...	10	15	12	2	26	14	28	7	1	13	4	7	22	21	24	19	20	11	21	11	...	...	...	...	24	16	26	13	3	5	4	17	2	1	6	8
	21	1	23	7	...	...	...	...	22	16	23	18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	24	13	25	12	...	...	...	...
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	25	19	27	20	...	...	...	...
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	29	15	...	...	...	...	...	...
December,	17	12	19	22	13	10	15	14	28	16	29	18	10	6	11	11	...	...	...	...	...	...	...	...	16	14	17	14	23	22	28	13	...	...	...	...	1	17	5	5	...	...	...	...	...	...	...	...	18	12	20	15
	...	...	...	...	26	12	27	14	...	...	...	...	29	9	30	13	...	...	...	...	...	...	...	...	20	21	22	23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	19	9	20	9	21	4	24	1

BRITISH MUSEUM
NATURAL

[To face page 478.

TABLE II.

Complete List of Days used in Spells of Continuous Foggy Weather.

Month.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1694.	1895.	1896.	1897.
January, ...	6, 7, 8, 9, 10	1, 2, 3, 4 27, 28, 29, 30, 31	25, 26, 27, 28, 29	2, 3, 4, 5	3, 4, 5 15, 16, 17 28, 29, 30, 31	14, 15, 16 19, 20, 21 24, 25, 26	18, 19, 20 23, 24, 25, 26, 27, 28	1, 2, 3 27, 28, 29, 30, 31	18, 19, 20, 21, 22, 23, 24, 25, 26 29, 30, 31	16, 17, 18, 19, 20, 21 24, 25, 26		16, 17, 18	6, 7, 8
February, ...		7, 8, 9 27, 28, (1)	19, 20, 21, 22, 23, 24	3, 4, 5, 6, 7, 8, 9		1, 2, 3		5, 6, 7	2, 3, 4, 5 7, 8, 9, 10, 11	6, 7, 8, 9, 10, 11 26, 27, 28		9, 10, 11	20, 21, 22, 23, 24, 25, 26, 27
March, ...		17, 18, 19	23, 24, 25	6, 7, 8, 9	5, 6, 7 22, 23, 24, 25	10, 11, 12, 13	1, 2, 3, 4, 5 23, 24, 25		4, 5, 6 9, 10, 11, 12	1, 2, 3 8, 9, 10, 11, 12, 13 18, 19, 20	23, 24, 25, 26 28, 29, 30	1, 2, 3 15, 16, 17, 18	10, 11, 12, 13 14, 15 17, 18, 19, 20 21, 22 24, 25, 26, 27
April, ...		3, 4, 5, 6, 7, 8, 9	18, 19, 20, 21	27, 28, 29	19, 20, 21	22, 23, 24	2, 3, 4, 5, 6	21, 22, 23, 24	(31), 1, 2 14, 15, 16, 17 28, 29, 30		21, 22, 23	4, 5, 6, 7, 8 16, 17, 18 26, 27, 28	15, 16, 17 28, 29, 30
May, ...			8, 9, 10	4, 5, 6, 7			26, 27, 28, 29	13, 14, 15	23, 24, 25, 26, 27, 28	6, 7, 8			2, 3, 4, 5
June	18, 19, 20, 21	23, 24, 25, 26	6, 7, 8, 9	8, 9, 10		1, 2, 3, 4 23, 24, 25	13, 14, 15	25, 26, 27	22, 23, 24, 25			18, 19, 20, 21	14, 15, 16 20, 21, 22
July, ...	10, 11, 12. 15, 16, 17	11, 12, 13, 14, 15, 16	22, 23, 24, 25			13, 14, 15 28, 29, 30, 31	24, 25, 26	5, 6, 7, 8	19, 20, 21, 22		7, 8, 9, 10, 11		3, 4, 5, 6, 7, 8, 9
August, ...		24, 25, 26		7, 8, 9 11, 12, 13 20, 21, 22 26, 27, 28, 29	16, 17, 18 26, 27, 28, 29	16, 17, 18 20, 21, 22	7, 8, 9 24, 25, 26	13, 14, 15	22, 23, 24, 25, 26		27, 28, 29, 30 31, (1)	28, 29, 30	16, 17, 18 28, 29, 30
September, ...	9, 10, 11, 12, 13, 14, 15, 16. 20, 21, 22	(29, 30, 31), 1		5, 6, 7	17, 18, 19 27, 28, 29	24, 25, 26, 27, 28, 29	(31), 1, 2 15, 16, 17, 18	(31), 1, 2 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 24, 25, 26, 27, 28, 29	13, 14, 15, 16, 17, 18, 19, 20		15, 16, 17	15, 16, 17, 18, 19	21, 22, 23, 24, 25, 26
October, ...	1, 2, 3 26, 27, 28			24, 25, 26, 27, 28	4, 5, 6, 7, 8 29, 30, 31	3, 4, 5, 6 9, 10, 11 14, 15, 16, 17		6, 7, 8 27, 28, 29, 30, 31	11, 12, 13, 14, 15, 16 19, 20, 21, 22 27, 28, 29		5, 6, 7 11, 12, 13	1, 2, 3	8, 9, 10, 11
November, ...	1, 2, 3, 4 30, (1, 2, 3, 4)		16, 17, 18	6, 7, 8 12, 13, 14 21, 22, 23, 24		(31), 1, 2 12, 13 14, 15	9, 10, 11	27, 28, 29	1, 2, 3 27, 28, 29	4, 5, 6, 7, 8, 9, 10, 11, 12	5, 6, 7, 8, 9 27, 28, 29, 30, (1, 2, 3, 4)	10, 11, 12, 13, 14, 15 20, 21, 22, 23	11, 12, 13 17, 18, 19, 20, 21, 22, 23 26, 27, 28, 29, 30
December, ...		21, 22, 23	(30), 1, 2, 3	25, 26, 27	17, 18, 19	(30), 1, 2, 3	4, 5, 6 26, 27, 28, 29, 30, 31	18, 19, 20, 21	3, 4, 5, 6, 7, 8, 9 11, 12, 13, 14, 15, 16 20, 21, 22, 23, 24, 25	17, 18, 19 21, 22, 23 28, 29, 30, 31			9, 10, 11

BRITISH MUSEUM
NATURAL HISTORY

Report on Atmospheric Dust. By JOHN AITKEN, LL.D., F.R.S.

In 1889 the Scottish Meteorological Society decided on making observations on the dust in the atmosphere at their Observatory on Ben Nevis. Having prepared the plans for the apparatus to be used for counting the dust particles, I visited the Observatory on the 1st of August of that year, and, after consulting with Mr OMOND, decided that

FIG. 1.—Dust-Counter.

the tower of the Observatory was the best place for fitting up the instrument. The apparatus was afterwards made by White of Glasgow, and fitted up in the Observatory on 5th June 1890.

Fig. 1 is a photograph of the apparatus taken before it left the low level. *A* is a receiver in which the air is tested in the usual manner by moistening and expanding it,

the small rain-drops that fall on the micrometer in the receiver being counted by means of the lens *S*. *B* is the pump for expanding the air in the receiver. *C* is a filter of cotton-wool for filling the receiver with dustless air, the air being admitted through the stopcock *O*. Water for moistening the air is admitted by the stopcock *D* from the vessel *E* by means of the pipe *E′*. *F* is a lamp for illuminating the micrometer, the light entering the receiver through the glass cover. *G* is a water lens for concentrating the light of the lamp on the micrometer. *H* is a large glass condensing lens which could be used in place of the water lens. The air to be tested was introduced from the outer air by means of the tube *I*, which was connected with the instrument by means of the short india-rubber tube *K*, attached to the tube *L* on the instrument. The tube *I* was of such a length that it could be put through openings on any side of the tower, so as always to point in the direction from which the wind at the time was blowing, so as to get air uncontaminated with local pollution. The air to be tested is admitted to the receiver *A* by the stopcock *O*, which communicates with the receiver and the small chamber *N* by means of a cross passage in the plug of the stopcock. In order that the air in the chamber *N* should be the same as the outer air, a continuous current was kept up through it by means of the aspirator *M*, which was connected with *N* by means of the pipes *P P*, the stopcock *Q* being used for allowing the current to flow when a test was to be made. The different proportions of impure to pure air required for making tests were introduced into the receiver *A* by pumping out, by means of *B*, certain measured quantities of air, its place being taken by the impure air admitted from the chamber *N* through the stopcock *O*; the different proportions of impure to pure air being regulated by means of the bridles *R* and *R′*, one of which, when raised to a horizontal position, checked the length of the stroke of the pump at the required proportion, enabling exactly the same proportion of air to be measured for each of the ten successive tests made during each observation.

Dust Particles at Ben Nevis Observatory.

See "Preliminary Note on the Observations of Dust Particles at Ben Nevis Observatory." By A. Rankin. *Journal of Scottish Meteorological Society*, vol. ix. p. 125.

Table I. gives the monthly averages and the highest and lowest observations of dust during the first few months that the dust-counter at Ben Nevis Observatory was in use.

Table I.—*Number of Dust Particles per cubic centimetre.*

	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1890.												
Mean,	...	...	1,518	3,582	2,526	700	588	606	...	...	418	...
Maximum,	...	...	12,862	10,750	4,940	3,850	4,000	1,286	...	...	3,150	...
Minimum,	...	...	175	650	250	50	...	67	...	...	12	...
1891.												
Mean,	...	1,515	557	1,018	988	...	...	...	...	...	...	...
Maximum,	...	6,350	7,600	14,400	4,400	...	...	...	...	...	...	...
Minimum,	...	4	0	11	4	...	...	...	...	...	...	...

The means for March, April, and May of 1890 are not comparable with the rest, as the observations in these months were all taken during the daytime and in fine weather. In February 1891 readings were only taken during the last eight days of the month. Taking the average of the remaining months, the mean number of dust particles is 696 per cubic centimetre. The largest number observed was 14,400 per c.c. at 13 hour on 11th April 1891. Hourly readings were taken on the 11th and 12th April 1891, on both of which days the number of particles was great: the values for each hour are given in Table II. This table shows how rapidly the number of dust particles fluctuates.

TABLE II.—*Dust Particles per c.c.*

Hour.	1	2	3	4	5	6	7	8	9	10	11	12
April 11, . . .	1,600	...	1,400	850	1,600	800	450	350	625	712	838	2,250
,, 12, . . .	400	162	300	350	300	275	288	...	288	350	225	325

Hour.	13	14	15	16	17	18	19	20	21	22	23	Mid.
April 11, . . .	14,400	11,200	13,500	9,500	12,000	6,500	4,200	1,750	700	850	950	600
,, 12, . . .	338	1,100	1,200	1,800	2,450	4,400	2,400	1,850	...	1,550	1,850	2,750

Regular observations were made eight times a day for the three months March, April, and May of 1891, the hours of observation being, 1, 4, 7, 10, 13, 16, 19, and 22. A few breaks occurred in the record, but not sufficient to prevent a fairly correct average for each hour being obtained. These averages are given in Table III., with the mean for each month, the mean of the three months at each hour, and the differences of these hourly means from the general mean of the whole period.

TABLE III.—*Dust Particles per c.c.*

Hour.	1	4	7	10	13	16	19	22	Mean.
1891									
March, ...	421	310	301	656	762	833	701	470	557
April, ...	809	547	743	505	1218	1912	1190	1221	1018
May, ...	978	720	666	491	869	1568	1213	1397	988
Mean, ...	736	526	570	551	950	1438	1035	1029	854
Differences, . . .	−118	−328	−284	−303	+ 96	+584	+181	+175	...

This table indicates a well-marked diurnal range in the amount of dust, there being a maximum about the warmest part of the day and a minimum in the early morning. This is mainly due, no doubt, to ascending currents of heated air bringing up dust from the lower atmosphere during the middle of the day.

The discussion of the observations taken in later years is not yet completed.

During about a month, generally in July, of the years 1890–91–92–93, simultaneous tests of dust were made at the Ben Nevis Observatory, generally by Mr RANKIN, and by myself at Kingairloch, in order to find the comparative purity of the air at high and low levels. Kingairloch is situated at sea level, at a distance of about 28 miles in a south-westerly direction from Ben Nevis. A situation nearer the Ben would have been preferable, but the great isolation of Kingairloch, and its freedom from local pollution,

gives it a great advantage over most situations nearer the Ben. It was not possible to have the observations taken at the same hours at both stations; but this was of little importance, as, owing to the distance between the two places, even when the wind was in the line connecting them, the passing air would take a time to travel between them, and simultaneous observations would not therefore have given the state of a vertical column of air at high and low levels.

The result of these observations taken at high and low levels, details of which are given in the *Trans. Roy. Soc. Edin.*, vol. xxxvii. parts 1 and 2, show that the air at high level has generally fewer dust particles in it than at low level, but not always so; and further, the observations show that lower readings have been obtained on the Ben than at Kingairloch. On a few occasions no dust has been observed at the high level, whilst the lowest reading obtained at Kingairloch is 16 per c.c. On the other hand, as high readings have been obtained on the Ben as at Kingairloch.

It may be as well to define what is meant by these very low readings on the Ben when it is stated no dust was observed. It simply means that in the air tested no particles were visible. But as the observations are made by counting the number of drops falling on the millimetre squares of the micrometer, and as only a square of nine square millimetres can be observed, that means that, when no dust was observed in the ten tests usually made, there was not one dust particle in the cubic centimetre of air that came under observation during these ten tests; but the observations give little support to the idea that there might not have been one particle in a larger quantity of air.

The observations show that the effect of the direction of the wind is very marked in the amount of dust both at high and low levels. Whenever the wind blew from the N.W. quadrant, the number of particles at both stations was small, and all low numbers were got in air from that quarter. From all other directions the air was less pure, and particularly when it came from the S.E., that is, from the direction in which lie the most populated parts of the country. When the numbers were higher on the Ben than at low level, it was found to be due to the air at the two stations not coming from the same direction. If, for instance, the wind was northerly at low level whilst it was southerly on the Ben, the number of particles was greater at the high than at the low level.

These results have been confirmed by observations made in Switzerland, on the Rigi Kulm. The dust observations taken by me at that high-level station show that the number of particles was always high when the wind blew from the thickly inhabited districts, and low when the air came from the region of the Alps.

The effect of sunshine is to give rise to ascending currents of air, and as this ascending air comes from the lower impure stratum of the atmosphere it brings its dust with it. This is shown by the number of particles increasing on the Ben as the day advances, and again falling after the sun's heat has gone. This effect is also shown in the observations on the Rigi Kulm, the numbers beginning to rise early in the day

if the morning was sunny, but the increase coming later if the morning was cloudy and followed by sunshine, and not appearing at all if the day remained clouded.

The effect of the dust on the transparency of the air was also noted during these observations made at Ben Nevis and Kingairloch, and the general result arrived at is that on all clear days the number of particles was small, and on all thickly hazed days the number was great. Take, for instance, the 16th of July 1892. During the whole of that day the numbers were very low at both stations. At high level the number was 160 per c.c., and at low level 200 per c.c. In the Ben Nevis Observations it is noted: "Ireland seen, only a thin haze." As Ireland is 125 miles distant, the air must have been very clear to give only a thin haze at that distance. The observations made at Kingairloch on that day show the air had its maximum clearness also at low level. Many similar observations might be quoted to show that the air is clear when the number of particles is few, and also to show that it is thick when the number is great, all of which point to the conclusion that dust is the principal cause of the haze in the atmosphere.

The hazing effect of dust is confirmed by the observations on the Rigi Kulm. The air there was never clear unless the number of particles was small. The amount of haze at that station was estimated by the clearness of Hochgerrach, a mountain seventy miles distant from the Rigi. During five visits to the Rigi Kulm, Hochgerrach was visible thirteen times. On eight of these occasions the mountain was only one-half to one-fifth hazed, and the number of particles was from 326 to 850 per c.c. It was seen five times, when the number varied from 950 to 2000 per c.c.; but on these occasions the mountain was little more than visible, and it was never seen when the number of particles was a little over 2000 per c.c.

The hazing effect of dust has been worked out in detail by me from observations made at Kingairloch, Rigi Kulm, and Alford in Aberdeenshire.* In working out the relation between the transparency of the air and the different amounts of dust in it, it was found necessary first to arrange the different observations according to the humidity of the air at the time of observation, as it was found that the humidity had a marked influence on the transparency. It is not supposed that humidity, as humidity, has any effect on the transparency. Water vapour, as such, seems to have no hazing effect, because we know we can have very transparent air with a high humidity if the number of dust particles be small. The effect of the humidity would seem to be to increase the size of the particles, so increasing their hazing effect. Some water seems to be condensed on the particles even in dry air, but less is condensed the dryer the air. The separate observations were accordingly arranged in different tables. In one table were put all the observations taken when the wet bulb depression was from 2° to 4°; in another, the observations when the depression was from 4° to 7°; and in a third, all observations when the depression was over 7°. The observations were arranged in the different tables in order, beginning at the top of the column with the observation having the smallest number of particles, and in another column alongside entering the limit of

* See *Proc. Roy. Soc. Edin.*, vol. xvii., 1889–1890, p. 193.

visibility in miles, the limit of visibility being obtained by estimating the amount of haze between the observer and a mountain at a known distance. Suppose the mountain to be 25 miles distant and to be half-hazed, then the limit of visibility will be 50 miles. In illustration of these tables the one showing the Kingairloch observations for 1893 is here reproduced.

TABLE *showing the relation between the Number of Dust Particles and the Transparency of the Atmosphere with Wet Bulb Depression of 7° and over.*

Date.	Mean Number of Particles.	Limit of Visibility in Miles.	C.	
12 July, . .	388	250	97,000	mean 140,628
24 June, . .	508	200	101,600	
15 July, . .	828	200	165,600	
3 „ . .	857	150	128,550	
5 „ . .	1480	100	148,000	
6 „ . .	1596	80	127,680	
11 „ . .	1825	100	182,500	
30 June, . .	3950	60	237,000	
8 July, . .	4100	50	205,000	
7 „ . .	5100	17	86,700	
1 „ . .	5175	13	67,275	

When all the observations had been entered in tables similar to the above, it was seen that, while the numbers in the columns of particles gradually increased, the limit of visibility gradually decreased. Further, when the number of particles was multiplied by the limit of visibility, a number was obtained which in a rough way was constant for the different observations in each table, but this number was not the same for the different wet bulb depressions. In the above table there is a column headed C. In this column is entered the number got by multiplying the number of particles into the limit of visibility, and it will be noticed that the value of C is far from constant; but this is only what might be expected, owing to the difficulty of estimating the density of haze, and lack of knowledge regarding very much of the intervening air, which may differ much from that at the place of observation.

Though the different individual observations in the above table give far from the same value for the constant C, yet when we average a number of observations, even though those observations are taken at different places and the haze has to be estimated under different conditions, the agreement is, considering the difficulties, fairly close. This is seen in the following table, in which is arranged the mean values of C from the observations made at different wet bulb depressions at Kingairloch, Alford, and Rigi Kulm.

It will be noticed that the value of C at the three stations is, considering the difficulty of estimating haze, fairly constant in each column for the different humidities, but that the number is not the same for the different humidities, being nearly twice as great in the driest air as it is in the dampest, the explanation of this being that the same number of particles has a much greater hazing effect in damp than in dry air.

Place.	Values of C at Different Wet Bulb Depressions.		
	2° to 4°.	4° to 7°.	7° and over.
Kingairloch, 1893, . . .	77,525	105,923	140,628
„ 1892, . . .	No observations	116,677	174,832
Alford, ...	75,474	95,153	124,921
Rigi Kulm, ...	75,176	104,430	124,211
Mean, ...	76,058	105,545	141,148

To find what is the actual number of particles required to produce a complete haze, that is, render a distant mountain invisible, all that is necessary is to multiply the above constant C by 160,932, that is, by the number of centimetres in a mile. When that is done we get the numbers given in the following table, which shows us the number of particles at the different humidities in a column of air 1 square centimetre section, whatever the length of the column may be, selecting for this table the observations made at Kingairloch in 1893, as they are the most to be relied on and do not differ much from the average.

Wet Bulb Depression.	Number of Particles required to Produce a Complete Haze.
2° to 4°	12,500,000
4° to 7°	17,100,000
7° to 10°	22,600,000

This table shows that, roughly speaking, the transparency of the atmosphere is doubled by decreasing the humidity by one-half, as it only requires half the number of particles to make a complete haze with a wet bulb depression of from 2° to 4° that is required when the depression is 7° to 10°.

With the information we now have of the hazing effect of dust, it is possible roughly to estimate the number of dust particles in the air without a dust-counter. As we have established the numerical relation between the number of dust particles, the haze, and the humidity, so that any two of these being known the third may be calculated, so if we know the wet bulb depression and the limit of visibility we can find the number of dust particles in the air without a dust-counter.

A great many observations have also been made at Falkirk* on the haze in the atmosphere. These observations were made without a dust-counter, with the object of

* *Proc. Roy. Soc. Edin.*, vol. xx. p. 76, Jan. 30, 1893.

seeing how far the pollution due to inhabited districts affected the clearness of the atmosphere. When the haze observations were made, a note was also at the same time taken of the direction of the wind, and of the wet bulb depression. About two hundred observations were used for working out the results. These observations were first arranged in tables for each direction of the wind, and, for the reasons given, these were again separated into other tables at the different wet bulb depressions. The result of this investigation showed that whenever the air came from anywhere from north of west to due north the air was always very clear, and showed the maximum limit of visibility. When the air came from the N.E. quadrant it was much more hazed, and when from all directions with any south in it the air was densely hazed. With the wind in the N.W. quadrant and a wet bulb depression of from 3° to 4° the limit of visibility was about one hundred miles, and with a wet bulb depression of 8° the limit was 200 miles or more, whereas when the wind was southerly the limit of visibility was, with a wet bulb depression of 3° or 4°, only from eleven to fifteen miles, and with a wet bulb depression of 7° or 8°, it was only from fifteen to forty-five miles.

A map of Scotland was also prepared, and on it the different counties were shaded according to the density of the population inhabiting them. Round Falkirk were drawn curves, or isatmid lines, that is, lines of equal clearness, showing the limits of visibility in the different directions when the wet bulb depression was 2°, 3° and 4°, 5° and 6°, and 7° and 8°. An examination of this map shows that there is a close relation between the transparency of the air and the density of the population, due no doubt to the fires, furnaces, etc., which throw their impurities into the atmosphere. From Falkirk as a centre, in all directions between due west and due north, the whole quadrant is but thinly populated, and the isatmid lines over this area open out to a very wide extent, and extend beyond the limits of the Western Isles when the air is dry. In the N.E. quadrant all the lines come much closer to the place of observation, while in all directions to the south the lines approach very close to Falkirk, and the lines approach the closer the deeper the shading on the map in the direction. That is, the denser the population, the more the air is hazed.

Summing up the general results, it is found, first, that with W.N.W. and N. winds the air is six times clearer than with southerly winds when the air is damp, and nine times clearer when it is dry. The air at Falkirk is ten times more hazed when the wind is in the E.S.E., S., and S.W., than it would be if Scotland were a desolate island in mid-ocean. Third, the transparency of the atmosphere increases with the dryness, being 3·7 times clearer when the wet bulb depression is 8° than when it is 2°, a result similar to that obtained from the observations made with the dust-counter.

Passing now to the relative amount of dust in the atmosphere of different parts of the world. As yet but few observations have been made out of Europe, but so far as they go they show that the air of the Western Highlands of Scotland is by far the least dusty of any in the world. Dr Fredlander in 1894–95, while on a tour round the world, made a number of dust observations, but at no part of his journey did he find any air

remarkably free from dust. The following table gives a short abstract of Dr Fredlander's observations :—

	Lowest.	Highest.
Crossing the Atlantic,	2,000	4,000 per c.c.
Near Newfoundland,	420	840 ,,
Gulf of St Lawrence,	280	350 ,,
Oak Bay, Victoria,	1,000	1,250 ,,
Santa Cruz Bay,	700	4,500 ,,
Pacific Ocean,	245	1,375 ,,
New Zealand,	875	10,250 ,,
Australia, King George's Sound,	1,000	1,250 ,,
Indian Ocean,	243	1,375 ,,
Arabian Sea,	280	1,375 ,,
Red Sea,	383	490 ,,
Mediterranean Sea,	875	2,500 ,,

Dr Fredlander also made a number of tests of the air in Switzerland, generally at considerable elevations, but in most of the observations the number was over 1000 per c.c., except at one or two high elevations. For instance, on the Riffelberg, at an elevation of over 7000 feet, the number was generally over 1000, but on one day the number fell below 900, and on another to 225 per c.c. The lowest numbers observed by him were obtained during an ascent of the Bieshorn. The following table gives the result of his observations :—

Height above Sea Level.	Number of Particles per c.c.
6,700	950
8,200	480
8,400	513
10,665	406
11,000	257
13,200	219
13,600	157

The last number, namely 157 per c.c., is the lowest number, so far as I am aware, yet observed in Switzerland or anywhere out of Scotland.

Professor Melander of Helsingfors has also made a special study of the dust in the atmosphere. His observations were made in 1894–95–96 at Salève, near Geneva, at Biskra in the Sahara, at Torhola in Finland, at Loimola on the borders of Russia, and at Kristianssund and Grip on the west coast of Norway, but at none of these places was the number of particles very low. At Salève the numbers varied from 550 to 7300, at Biskra from 825 to 30,375, at Torhola from 300 to 19,280, at Loimola from 363 to 4128, at Kristianssund from 650 to 55,025, at Grip from 375 to 109,000.

From my own observations taken on the Continent, it appears that the air of the West Highlands is purer than at any of the other stations tested. The following table shows the lowest number of particles I have observed in the air coming to the different stations from what might be called the purifying areas at the different places, that is, from the direction from which all the purest air at the different stations came.

Year.	Mediterranean.	Alps.	Highlands.	Atlantic.
1889, ...	1600	210	262	205
1890, ...	725	375	127	16
1891, ...	785	300	94	34
1892, ...	650	579	168	38
1893, ...	698	441	56	67
Mean, . . .	891	381	141	72

In the above table, the Mediterranean air was tested on the shore; the air from the Alps, on the Rigi Kulm; in the Highlands, at Alford in Aberdeenshire; whilst the numbers for the Atlantic are from the Kingairloch observations. So that, though the air of the Alps was tested at an elevation of 6000 feet, yet it was not as free from dust as Atlantic air at low levels. If the Ben Nevis observations had been used, the contrast would have been still greater. A similar result is brought out if, in place of using the lowest dust readings, we use the mean numbers of the particles at the different stations when the wind is blowing from the different purifying areas. These figures are entered in the following table:—

Year.	Mean Number of Dust Particles per c.c. in air coming from							
	Number of Observations.	Mediterranean.	Number of Observations.	Alps.	Number of Observations.	Highlands.	Number of Observations.	Atlantic.
1889, . . .	1	1600	39	698	8	697	8	481
1890, . . .	2	767	21	1030	8	703	65	337
1891, . . .	7	1865	31	575	16	401	74	297
1892, . . .	7	2002	22	1341	21	468	53	366
1893, . . .	11	1363	9	1402	33	605	58	347
Mean, . .		1611		892		552		338

The above table shows clearly the greater purifying effect of the Atlantic area, which no doubt is due to its great extent, and the amount of condensation and precipitation which takes place over it. The table also shows that the air in its passage across Scotland from the West Coast to Aberdeenshire gets a considerable increase in the amount of its dust, and that the Mediterranean area, with its comparatively small condensation and rainfall, has on an average about five times the amount of dust contained in the Atlantic air. The air from the Alps cannot be compared with the

others, as observations of it were made at a considerable elevation, whilst the others were taken near sea level. It may be as well to note here, that as Dr Fredlander and Professor Melander used the same instrument for counting the dust particles as I did, namely the pocket dust-counter, it is therefore not necessary to make any allowance for instrumental differences.

There are still many questions connected with atmospheric dust waiting an answer, such as its effect on the temperature of the air; how far it absorbs the sun's heat during the day, and radiates its own heat during the night. There are some interesting points connected with radiant heat and dust. It seems somewhat surprising that the large visible dust motes in the air should be able to pass unaffected through the focus of a lens concentrating the sun's heat, where a larger body would be burned up; but the motes take no notice of it, not even seeming to be heated to any extent, as there is no sign of an ascending current of air at the focus, a result one might expect from the freedom with which very small bodies part with their heat to the air. Then again, there are the sources of the supply of the dust particles. Many of these are well known, and perhaps the remains of the meteors dissipated in the atmosphere would keep up a sufficient supply for the formation of clouds; but the dust produced by the action of sunlight on certain gases in the atmosphere has only been studied to a small extent, and a few of the gases indicated which in sunlight give rise to condensation nuclei. Another question is, how high and how far do these particles go? It is hoped that the observers going to the Arctic and Antarctic will be able to make a full series of dust observations in these regions, as any dust observed, when not due to volcanoes, must either be of cosmic origin or have been carried from far away inhabited areas. Dust observations there might help to throw some light on its source, as we would expect the variations in the amount of terrestrial dust would be dependent on the direction of the wind, whilst the cosmic would not.

*The Influence of High Winds on the Barometer at the Ben Nevis Observatory.**

By Alexander Buchan, LL.D, F.R.S.

PART I.

In Part I. the influence of high winds on the barometer is examined for all directions of wind taken together; † but in Part II. the different directions of wind are treated separately. The question of the effect of wind on the readings of the barometer was first examined by Sir Henry James in a paper read to the Royal Society of Edinburgh on 15th March 1852.‡ The observations were made during the succession of gales from the south-west which occurred in January and February of that year at Granton, near Edinburgh, with an aneroid barometer, laid horizontally in succession on the table of a room in a cottage, on the seat of an open summer-house, and on the surface of the ground close to the summer-house, all at the same level. The anemometer employed was of a very simple construction, being on the same principle as the instrument used for weighing letters, the weight or pressure being indicated by the compression of a spiral spring in a tube. A table of results is added, giving the depression of the barometer in decimals of an inch for different velocities of wind from 14 to 40 miles per hour. At 14 miles the barometric depression was 0·010 inch, and it increased gradually to a depression of 0·045 inch at 40 miles per hour. Unfortunately, the number of observations on which the depression for each wind velocity has been deduced are not given, and the observations in the cottage and those at the open summer-house are combined into one result.

It may be assumed that the results arrived at indicate too large barometric depressions for the different wind velocities as barometers are usually observed, namely, in houses. The depression on the lee side of any obstruction in the wind, such as a summer-house, is greater than it is in the room of a dwelling-house.

Further, a barometer laid on the ground during strong winds will, if the wind brush briskly over the key-hole of the instrument, indicate a less pressure than that of the air. Since, however, in such a position, the wind will only at a few points have access to the connecting opening between the aneroid and the free atmosphere, it may be assumed that the instrument will, in the great majority of cases, show a lower reading than that of the free atmosphere.

For these reasons, the barometric depressions are probably too large.

Since 1852, meteorologists have taken little, if any, action on the results of Sir Henry James's inquiry in discussions on barometric readings and wind velocities; and

* See *Journal of Scottish Meteorological Society*, vol. ix. p. 132.

† See *Proc. Roy. Soc. Edin.*, vol. xviii. pp. 88–94, which details the results of the first six months ending with January 1891.

‡ *Trans. Roy. Soc. Edin.*, vol. xx. p. 377.

practically no advance has been made in this branch of meteorology. Various arrangements have been proposed, but none of them can be regarded as satisfactory, with a view of arriving at a knowledge of the actual pressure of the free atmosphere during high winds. The difficulty consists in finding a perfectly unscreened position for the barometer, and securing at the same time that the wind, brushing past the small openings connecting the mercury of the cistern with the air outside, will not partially lower the pressure on the mercury in the cistern, and so render the instrument no longer indicative of the true pressure of the free atmosphere.

In carrying out, during the past year, the instructions of the directors of the Ben Nevis Observatory to discuss the observations made at the High and Low-Level Observatories, it quickly became apparent that the influence of high winds on the barometer was the first inquiry calling for serious attention. The depression of the barometer during high winds was plainly so large as to render the examination of many questions all but a hopeless task, until some approximation was made to the values of these depressions for different wind velocities.

Now, since the horizontal distance of the High and Low-Level Observatories is only about 4 miles, it follows that the two may virtually be treated as one so far as the geographical distribution of pressure is concerned. But the Observatory at the top of the mountain is peculiarly exposed to high winds, which are occasionally so violent that the observers must be roped together on going outside to make the observations; and it not unfrequently occurs that very strong winds prevail, while over the surrounding low country there are only calms and light winds. On the other hand, the Low-Level Observatory at Fort-William is in a comparatively sheltered position, and winds blowing over the Observatory at rates exceeding 30, or even 20, miles an hour are of infrequent occurrence. Thus, then, these two Observatories present the conditions so essential to this inquiry, viz., one of the barometers is in a building exposed to winds of all velocities up to at least 150 miles an hour, whereas the other is in a building where either calms or only light winds at the time prevail—so that this barometer may be regarded as recording the pressure of the free atmosphere. It was, therefore, resolved to institute a comparison between the sea-level pressures of these two barometers, employing only those cases when winds at the Fort-William Observatory were light.

The scale used on Ben Nevis for the observations of the force of the wind is a modification of Beaufort's scale, 0 to 12. Much attention has been given to ascertain the wind's rate in miles per hour, corresponding to each of the figures of Beaufort's scale. For this purpose, a modification of Robinson's anemometer was designed by Professor CHRYSTAL for the Observatory; and during the times the instrument has not been frozen up in a thick covering of ice, numerous comparisons have been made. These have been discussed by Mr OMOND, and the equivalents in miles per hour been determined. (See Introduction, page 5.)

The reductions of the barometric readings on the top of Ben Nevis to sea-level have been made by a table prepared for the purpose, given in a former volume of the

Transactions of the Royal Society of Edinburgh,* and the readings at Fort-William, in the usual way. The differences of the two reduced readings were then entered in columns headed 0, 1, 2, 3, etc., and according to the wind force at the Ben Nevis Observatory at the time. The following Table gives the mean differences for each wind force for each wind, and the number of observations from which mean differences have been calculated. The comparison for the ten months was made from the hourly observations at both Observatories from August 1890 to May 1891. But since this period gave too few observations for the higher wind velocities for good averages, the observations from January 1885 to July 1890 were utilised for the five hours of the day at which corresponding observations were made at Fort-William. Only the wind forces from 5 to 11 have been thus utilised, and the results are incorporated with those for the means of the ten months. In all, upwards of 8000 double observations made at the two Observatories have been reduced to sea-level for these comparisons.

The following summarizes the results, showing the depression of the barometer with each wind velocity :—

Beaufort's Scale. 0 to 12.	Equivalents in Miles. Per Hour.	Baro. Depression. Inch.
0	0	– 0·001
1	6	– 0·004
2	12	– 0·005
3	21	– 0·010
4	30	– 0·014
5	39	– 0·026
6	49	– 0·035
7	60	– 0·050
8	72	– 0·070
9	84	– 0·104
10	97	– 0·126
11	112	– 0·150
11 to 12	130 and higher	– 0·170

Thus in calm weather, the two reduced barometers are practically the same, but with every increase of wind the depression of the barometer steadily augments. It is not till a velocity of more than 20 miles an hour is attained that the depression amounts to one hundredth of an inch. At 60 miles an hour, it is 0·050 inch; at 84 miles, 0·104 inch; and at 130 miles, 0·170 inch.

This depression of the barometer is no doubt occasioned by the wind drawing out the air from the room where the barometer is hung, as it rushes past the Observatory, thus producing a partial vacuum and consequently a lower pressure. If a window or door is opened on the side of the room exposed to the wind, the readings of the barometer are thereby raised; whereas on the lee side of buildings, in rooms connected therewith, and in rooms with chimneys, the barometric readings are lowered. Now, as the barometer of the Ben Nevis Observatory is hung in a room, with the usual chimney,

* *Trans. Roy. Soc. Edin.*, vol. xxxiv. pp. lx., lxi.

door, and windows, these results may be regarded as applicable to the readings of barometers generally, since they are in almost every case suspended in situations similar to that of the Ben Nevis barometer.

In a paper on the Mean Atmospheric Pressure of the British Islands, published in the Journal of the Meteorological Society,* monthly and annual isobars are given for every two-hundreths of an inch of pressure. These isobars show a lower pressure than elsewhere over those parts of the country where the prevailing winds are stronger. It may be regarded as highly probable that in many cases the curved courses taken by the isobars do not indicate any real lowering of atmospheric pressure over these districts, but are only an increased depression of the barometer brought about by the strong winds which prevail more frequently in those parts of the country.

In working out the question of the barometric gradient from actual observations, particularly the relations of the higher gradients to the wind velocities, the results hitherto arrived at cannot be said to be quite satisfactory. The reason is that, while the wind velocities were known with tolerable accuracy, the pressure of the free atmosphere could not be dealt with, because the observations did not record it; what the Observatories recorded was only the barometric readings. For such discussions to be satisfactory, the amount of the depression of the barometer, owing to the force of the wind prevailing at the time, should be approximated to and allowed for.

PART II.

In preparing the data for Part I. it was evident that the results differed, in many cases in a remarkable degree, with different winds according to their directions. Accordingly the next step in the inquiry was to treat each wind direction separately to sixteen points of the compass, N., N.N.E., N.E., etc. The mean amounts of the barometric depression for each wind, according to its strength, are specified in the following table. Calms include all winds whose velocity was less than 6 miles an hour.

Force—Beaufort Scale.	Miles per hour.	N. Inch.	N.N.E. Inch.	N.E. Inch.	E.N.E. Inch.	E. Inch.	E.S.E. Inch.	S.E. Inch.	S.S.E. Inch.	S. Inch.	S.S.W Inch.	S.W Inch.	W.S.W. Inch.	W. Inch.	W.N.W. Inch.	N.W. Inch.	N.N.W. Inch.
Calms.	0	·009	·011	·014	·013	·013	·008	·005	·002	·001	·003	·004	·006	·006	·004	·003	·005
1	6	·009	·012	·012	·014	·007	·001	·004	·004	·003	·001	·001	·000	·002	·004	·006	·009
2	12	·020	·025	·028	·025	·016	·008	·003	·000	·000	·001	·002	·000	·000	·001	·007	·014
3	21	·028	·035	·037	·031	·022	·012	·008	·004	·003	·004	·007	·006	·006	·008	·014	·021
4	30	·034	·044	·047	·043	·033	·023	·015	·009	·005	·004	·006	·006	·005	·003	·013	·034
5	39	·052	·054	·054	...	...	·028	·024	·018	·012	·010	·010	·012	...	...	...	...
6	49	·066	...	...	...	...	·036	·035	·026	·022	·017	·017	...	...	...	...	...
7	60	·084	...	...	...	..	·055	·053	·044	·044	...	...	...	...	..	...	...
8	72	...	...	...	...	...	·080	·072	·060	·054	...	...	...	...	...	...	...
9	84	...	...	...	...	...	·107		...	...	...	...	...	...	...	...	...
10	97	...	...	...	...	...	·126		...	...	...	...	...	...	...	...	...
11	112	...	...	...	...	...	·150		...	...	...	...	...	...	...	...	...
11 to 12	130	...	...	...	...	...	·170		...	...	...	...	...	...	...	...	...

* *Journal Scot. Meteorol. Soc.*, vol. vi. p. 4.

The striking features of the table are, that the highest velocities, or the velocities exceeding 75 miles an hour, have been absolutely restricted to the points of the compass from S.E. by S. to E. by S.; and that from E.N.E., E., W., W.N.W., N.W., and N.N.W., no observations of the wind were recorded during the ten months exceeding 30 miles an hour.

These differences are due to the physical surroundings of the Observatory. Of all directions, the horizon is most open to S.E. and E.S.E., and accordingly the heaviest storms of wind have occurred only when the wind was in these directions. The great cliff, immediately to the north of the Observatory, about 1800 feet high, has an all-important effect in lowering the strength of all winds that blow on its face. The N. wind, which strikes it most perpendicularly, has risen to a velocity of 60 miles an hour; but none of the other winds that blow against it have exceeded 40 miles an hour. The difference is seen most markedly as regards E. winds and E. by S. winds. The highest yet recorded by E. winds has been 30 miles an hour; but from the adjoining point of the compass, E. by S., the very highest velocities have been reached, which the observers estimate at 170 miles an hour. The differences are due to the position of the cliff with reference to these two wind directions.

It may be remarked, with regard to these high wind velocities, that they are accompanied with violent pumping of the barometer. On such occasions the observers set the barometer, not to the lowest points to which the mercury is seen to fall, but to the point to which it is observed to rise and remain stationary for a brief interval. The object aimed at is to eliminate, so far as possible, the effects of pumping from the recorded observations.

Equally conspicuous is the influence of the cliff seen in the different depressions of the barometer for different directions of winds blowing with the same force at the Observatory. This depression is very small with wind from the half of the compass, from S.E. by W. to N.W., when the wind does not exceed 30 miles an hour. At a velocity of 30 miles an hour the mean barometric depression from S. to W.N.W. is only 0·005 inch; whereas with winds at the same velocity from N.N.W. to E. the mean depression is 0·039 inch, or nearly eight times greater. The most striking comparison is afforded by N. and S. winds respectively. Thus—

Miles per Hour.	Depression, N. Winds. Inch.	Depression, S. Winds. Inch.
12	0·020	0·000
21	0·028	0·003
30	0·034	0·005
39	0·052	0·012
49	0·066	0·022
60	0·084	0·044

During the prevalence of northerly winds, observations at the top of the mountain indicate a much lower speed than that which, from the drift of the clouds, is seen to be reached at a comparatively small height above the top of the Ben. It is probable that

the cause of the retarded velocity of the wind where it is noted is the impact of the air on the face of the tremendous cliff, close to the top of which the Observatory is built, by which the stream lines are deflected upwards. Now, in these cases the depression of the barometer is very much greater than what occurs with equally strong winds from other directions, and clearly indicates the formation of a restricted space of low pressure outside and around the buildings of the Observatory. Another curious result observed with winds from S.E. to S.W. is that the barometer at the top, reduced to sea-level, exceeds the reduced low-level barometer at Fort-William, when the wind velocity is about 6 miles an hour. May not this increased pressure, accompanying wind ascending the slope of the hill, give the explanation of the thin clear space frequently seen on the very ridge of a hill otherwise cloud-topped, and also of the very different force of wind on the two sides of a ridge lying approximately at right angles to the direction of the wind?

*Relation of Pressure and Temperature at the Ben Nevis Observatories.**

By Alexander Buchan, LL.D. F.R.S.

The object of this investigation was to ascertain the differences of atmospheric pressure, reduced to sea-level, which accompany differences of temperature, as observed at the High and the Low-Level Ben Nevis Observatories. The period of time dealt with is the ten months from August 1890 to May 1891. The whole of the hourly observations made at each Observatory with the barometer were reduced to sea-level, those at the top of the mountain being reduced according to the table accompanying the Report on the Meteorology of Ben Nevis.†

It has been shown that the influence of high wind on the barometer is to lower the readings, the amount of the depression increasing as the velocity of the wind increases. It is, however, only when the wind exceeds force 3 on Beaufort scale, 0 to 12, or 21 miles an hour, that the barometer is lowered more than the one-hundredth of an inch. Hence in this discussion the higher velocities of the wind were wholly left out, and only such pressures and temperatures were dealt with as occurred when either calms or light winds prevailed at the time.

During the ten months examined, the differences of temperature between the two Observatories ranged from a temperature 26°·0 lower, to a temperature 6°·0 higher, than was recorded at Fort-William at the same hour. A comparison was then made by sorting the differences into two-degree amounts, thus making sixteen columns in all, the first column including those observations when the temperature at the top was from 4°·0 to 6°·0 higher than at Fort-William; the second column when from 2°·0 to 4°·0 higher; and so on to the sixteenth column, which included the observations when the temperature of the top was from 24°·0 to 26°·0 lower than at Fort-William. In these columns the differences, plus or minus, between the two barometers, after being reduced to sea-level, were entered.

The results are summarized in the following table, which shows for each two-degrees difference of temperature, the difference between the reduced barometer of the top and the barometer at Fort-William, the plus sign indicating that the top temperature, or top barometer, was the higher of the two, and the minus sign that it was the lower.

There were 5037 comparisons made. On 1645 of these cases, the reduced barometer of the top was the higher of the two, and on 3392 cases it was the lower. On fifty-five cases the temperature difference varied from the upper thermometer, being from 6°·0 higher to only 2°·0 lower than at Fort-William; and on every one of the cases the reduced barometer of the top was the higher of the two. On the other hand, there were 254 cases where the upper temperature was from 22°·0 to 26°·0 lower than

* See *Journal of Scottish Meteorological Society*, vol. ix. p. 137.

† *Trans. Roy. Soc. Edin.*, vol. xxxiv. pp. lx., lxi.

Difference of Temperature.	Difference of Pressure. Inch.	Number of Comparisons made.		
		Upper Barometer was—		Total.
		Higher.	Lower.	
+ 6° to + 4°	+ 0·047	5	0	5
+ 4 „ + 2	+ 0·044	13	0	13
+ 2 „ + 0	+ 0·041	19	0	19
− 0 „ − 2	+ 0·031	18	0	18
− 2 „ − 4	+ 0·020	13	3	16
− 4 „ − 6	+ 0·009	38	15	53
− 6 „ − 8	+ 0·011	76	21	97
− 8 „ − 10	+ 0·009	160	50	210
− 10 „ − 12	+ 0·006	280	122	402
− 12 „ − 14	− 0·001	378	312	690
− 14 „ − 16	− 0·005	323	677	1000
− 16 „ − 18	− 0·010	241	802	1043
− 18 „ − 20	− 0·017	66	722	788
− 20 „ − 22	− 0·023	15	414	429
− 22 „ − 24	− 0·026	0	204	204
− 24 „ − 26	− 0·029	0	50	50
...	Total,	1645	3392	5037

at Fort-William, and on every one of these occasions the reduced barometer of the top was the lower of the two.

The greatest relative excess of the higher barometer occurs at those times when the absolute temperature at the top of the mountain most exceeds that at Fort-William. On the five occasions when the temperature at the top was from 4° to 6° higher than at Fort-William, the excess of the top barometer was 0·038, 0·042, 0·044, 0·055, and 0·057 inch. It may be added that in these cases this excess is always large, and occurs in anti-cyclonic weather, when the air is not only singularly warm, but also singularly dry. The cases of the larger excesses of the upper barometer occur at all hours of the day, but most frequently from about 10 P.M. to 8 A.M.

On the contrary, the greatest diminutions of the top barometer, as compared with that at Fort-William, occur during cyclonic weather, when the air is loaded with more than the normal amount of moisture; or when the influence of the sun's heat is great, and very much greater at Fort-William than on the top of the Ben. Of the 254 cases which have occurred when the temperature at Fort-William was from 22° to 26° higher than at the top of the mountain, all the barometric observations at the top, when reduced to sea-level, were, as stated, lower than those at the foot of the mountain.

During the anti-cyclones, when the temperature at the top of the mountain, with reference to that at Fort-William, is highest, the pressure at the top, reduced to sea-level,

is 0·047 inch higher than at Fort-William; and on the other hand, during the occurrence of cyclonic weather, when the temperature at the top is very greatly lower than the average as compared with that at Fort-William, the pressure at the top, reduced to sea-level, is 0·029 inch lower than that of Fort-William. There is, therefore, a mean difference of pressure for these distinct extreme types of weather of 0·076 inch.

A part of this difference is undoubtedly due to the time of the day when the extreme differences most frequently occur. Since the excess of the sea-level pressure at the top occurs generally when the lowering of the temperature from the effects of terrestrial radiation is greatest, it results that the mean temperature of the upper and the lower thermometers is somewhat less than that of the true mean temperature of the aërial stratum between them, and consequently a larger correction is used in reducing the upper barometer to sea-level. On the other hand, since the maximum temperature differences between the two thermometers takes place most frequently during the times of the day when solar radiation is most powerful, it follows that the mean of the upper and lower thermometers is higher than the true mean temperature of the aërial stratum intervening, and consequently a less correction for height in reducing to sea-level is used than is really due. This consideration, however, can only account for a small part of the large difference between the two sea-level pressures stated above.

The broad result is this, and it is clear and explicit: when the higher Observatory has the higher temperature, and when the differences of temperature at the two Observatories are small, then the reduced pressure at the top of the mountain is the greater of the two; but when the differences of temperature are very large, then the reduced pressure at the top is the less of the two. The regular progression of the figures in the two tables shows that what is substantially a true mean has been arrived at.

The result, which is altogether unexpected, raises questions of the greatest importance affecting the theory of storms, the effect of vertical movements of ascending or descending masses of air on the barometric pressure which accompany anti-cyclones and cyclones, and the urgent necessity there is for a more exact knowledge than we at present possess of the absolute amounts of aqueous vapour at different heights in the atmosphere under different weather conditions, and how this knowledge may be arrived at from the readings of the dry and wet bulb hygrometer.

Abstract of Paper on the Winds of Ben Nevis. By R. T. Omond and Angus Rankin.*

Noting the direction of the wind is part of the regular routine of observations at the Observatory on the summit of Ben Nevis. Owing to the frequency of frozen fogs in winter, anemometers are practically useless, but the record is made complete enough for many purposes by the hourly observations; at each hour of the day and night the wind, at the time of making the observation, is noted, and the number of entries of each wind direction in the day, month, or year must very nearly represent the relative frequency of such winds for that time. Table I. is a summary giving the number of times each wind is observed in each month of the year on an average of six years (1884–89) expressed in percentages; thus in January, out of the 744 hours of the month, there are 120 hours or 16·1 per cent. of N. wind. For the year the most frequent wind is N., next come S.W., S.E., and S., all about equal, and the least frequent is E. N. is the point of greatest frequency in all months except May, when S.E. takes its place; in May 1889 there were only 15 hours in the whole month with N., N.W., or N.E. winds, and during three-fourths of that month the air was moving from the S. or S.E. This was, of course, an exceptional month, but in the six years there are only two (1887–88) in which N. was the most frequent wind in May. The exact determination of northerly winds is not very easy on Ben Nevis, owing to the shape of the hill: the great cliff, 2000 feet high, that forms its northern face, breaks these winds up, and makes them squally and uncertain; some may be entered as N. that should be really N.E. or N.W. If we group the percentages of N., N.E., and N.W., and S., S.E., and S.W. together, we get 36·0 for the former, and 39·4 for the latter, thus throwing the preponderance of frequency to the southward, but only by a small percentage. In either case, taking the observations as they stand or as grouped, the relative frequency is totally different from what it is at sea-level. For comparison, Table II. has been drawn up giving the percentage frequency of each wind for all Scotland, from observations at 55 stations for the same six years (1884–89). At sea-level the most frequent wind is W.; and S.W., W., and N.W. include nearly half of the total observations—more than half if we exclude calms. This latter order of winds is in strict harmony with the distribution of barometric pressure over the British Isles, according to Buys Ballot's law, by which the winds blow counter-clockwise round areas of low pressure, such an area lying to the north of the British Islands; but the Ben Nevis winds do not fit in with such a distribution of pressure at all, and we may conclude that isobars drawn at the level of Ben Nevis (4400 feet) would lie in quite different directions from those at sea-level. In other words, the distribution of average barometric pressure which extends over the North Atlantic and North-Western Europe,

* See *Trans. Roy. Soc. Edin.*, vol. xxxvi. p. 537.

and dominates the surface winds over that area, does not in this country extend to a vertical height of one mile.

Individual observations show similar differences between the Ben Nevis and sea-level winds. Thus, if a cyclonic storm of small area is lying to the north-eastward, the sea-level winds are W. or N.W., but the Ben Nevis wind may be N.E., blowing straight out from the centre of the low-pressure area. In larger storms, the Ben Nevis winds are practically the same as at sea-level, indicating that in the latter case the disturbance extends to a greater height as well as covers a larger area. But it is remarkable that, with a cyclone covering perhaps Scotland, the North Sea, and Southern Norway, and having the usual circulation of wind round it, the wind at such a low elevation as Ben Nevis should be utterly different. This outflowing wind seldom or never occurs when the centre of the storm is to the S. or W., but only when it lies to the N. or E., and is most marked when an anti-cyclone or high-pressure area is on the other side; the wind appears to be a feeding current carrying the ascending air of the cyclone over to supply the descent in the anti-cyclone.

The complete change in average wind direction with height is, as far as can be gathered from comparison with other mountain stations, a peculiarity of cyclonic regions. The percentage frequency of the different winds on the Säntis (8094 feet), and the Puy de Dôme (4813 feet), as given by Dr Buchan in the Challenger Report on "Atmospheric Circulation," are as follows, Ben Nevis being added for comparison:—

	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
Säntis, . . .	2·7	3·8	4·9	4·1	8·5	22·5	27·7	9·1	16·7
Puy de Dôme, . .	8·2	11·5	7·9	7·4	9·6	15·6	27·7	12·1	...
Ben Nevis, . .	18·8	8·9	7·6	13·1	13·0	13·3	11·5	8·3	5·5

The low-level winds near the Säntis and Puy de Dôme are on the average of the year westerly, the maximum frequency tending towards S.W. in winter, and N.W. in summer; but at the hill stations W. is the maximum point all the year. Here we have mountain stations whose winds agree in direction with those blowing below; but Säntis in Switzerland, and Puy de Dôme in France, both lie in anti-cyclonic or high-pressure regions, and are not comparable with a high-level station like Ben Nevis, standing on the side of a great barometric depression, and close to the track of the cyclones that sweep our north-western coasts. In connection with this, it should be noted that May, the month in which the north or contra-isobaric winds are at a minimum on Ben Nevis, is the month in which the depression in the North Atlantic is most broken up and dispersed and the high-pressure area which lies off the N.W. of Africa extends towards and partly includes the British Islands.

Although the Ben Nevis winds differ so much from those at sea-level, the variations in the relative frequency of each wind from month to month follow the same course, showing an excess of easterly winds in spring, and of westerly in early winter, both of which departures from the mean are more marked on Ben Nevis than at sea-level. The average percentage increase of N.E., E., and S.E. winds for the months March, April, May is 34 at Ben Nevis, and 31 at sea-level; while the average increase for S.W., W., and N.W. in November, December, January is 16 for the former, and 13 for the latter.

During the harvest months of August and September there is a diminution of 33 per cent. in the N.E., E., and S.E. winds at Ben Nevis, but of only 16 per cent. at sea-level; while the increase in the S., S.W., and W. winds amounts to 16 per cent. at the former, and only 8 per cent. at the latter. Thus at this season, not merely is there an increase of the warmer south-westerly winds, and a diminution of the cold easterly currents, but both of these changes are more pronounced in the higher regions of the atmosphere, a matter of great importance in the prevention of descending masses of cold, dry air, which, accumulating in flat or hollow ground, are so liable to cause "radiation frosts." October presents a complete contrast. The S., S.W., and W. are 8 per cent. below the annual mean at sea-level, and 15 per cent. below on Ben Nevis; and the N., N.E., and E. winds are 13 per cent. above the yearly average at sea-level, and 15 per cent. above on Ben Nevis; showing an increase in the colder currents, slightly greater at high levels, and a diminution in the warmer currents, markedly greater in the upper atmosphere.

In order to see how far the rainfall of Scotland is influenced by the winds, a preliminary examination has been made of the fall in each month on the east and west coasts. The annual fall on the west coast is greater than on the east, and its distribution throughout the year is different. At all purely western stations the maximum rainfall is in the depth of winter, November to January, and the minimum in April or May. At many eastern stations, however, especially in the southern half of Scotland, the greatest rainfall is in July or August, the minimum being like the west in April or May; but there is also on the east coast a secondary maximum in winter. November is a wet month on both coasts.

Comparing the months with the wind tables, we see that the heaviest rainfall on the west coast occurs during the winter maximum of westerly winds, and the least during the spring maximum of easterly winds, and that the summer secondary maximum of westerly and southerly winds in July and August does not affect the west coast, but does largely increase the east coast rainfall. The winds of November have this peculiarity: S.W. is in excess both on Ben Nevis and at sea-level, but E. and N. are slightly below their mean at sea-level, and are above it on Ben Nevis, pointing to the fact that some of the cyclones which cause the heavy rainfall of November have not extended upwards to the height of Ben Nevis, but have there caused reversed or outflowing winds. The month with perhaps the greatest difference between the east and west coast rainfall is December. The winds of December show a marked increase

of S.W. and W. at sea-level, but of N.W. and N. on Ben Nevis, and a diminution of N.E., E., and S.E. at sea-level, and of E. and S.E. on Ben Nevis, indicating that the cyclonic storms of this month were of sufficient depth to include Ben Nevis, and give winds there only differing slightly from those at sea-level. The December rainfall of Ben Nevis for these six years is about 70 per cent. above the twelfth part of the annual average. It would appear that the cyclonic winds of December, mostly W. and S.W., are largely drained of their moisture in passing over the hills of western Scotland, although the region of precipitation in them extends to a height so far exceeding the highest of these mountains as to enormously increase the rainfall there.

From what has been stated above, it will be evident that no hill station, yet in operation, can be regarded as being in the true upper currents of the atmosphere, and that we are still dependent for our knowledge of their motions on observations of the cirrus clouds. A very careful series of observations on these clouds has been made at Blue Hill Observatory, Massachusetts, by Mr CLAYTON. In the year 1887 over 1500 observations were made, giving the following percentages of frequency in the directions of motion:—S.W., 17; W., 40; N.W., 26; all other directions, 17. In other words, for two-thirds of the time the clouds were moving from the W. or N.W., and for half of the remainder from the S.W., leaving only about one-sixth of the total observations for the other five points. These upper currents have the same character as, and are an exaggeration of, the surface winds of Massachusetts, where N. and N.W. are the points of greatest frequency, and the relationship of the two is akin to that between the winds of Säntis or Puy de Dôme, and their low-level winds as given above. But Massachusetts lies in a belt of high pressure, and is far removed from the North Atlantic depression which influences the relation between the Ben Nevis and sea-level winds in Scotland. The highest station from which data are available is Pikes Peak in Colorado, 14,134 feet, and the percentages of wind directions as given in the Challenger Report, page 165, are as follows:—N., 10; N.E., 9; E., 1; S.E., 2; S., 5; S.W., 32; W., 20; N.W., 18; calm, 3. Here we have a marked predominance of S.W. and W. winds, but nothing like the excess from one direction of the cirrus cloud motion indicated by the Blue Hill observations; it would seem that even at this great height the observers are not wholly in the upper currents, though the percentage of westerly winds is in excess of that at any low-level station in that part of North America. The measurements of the heights of clouds taken at Upsala confirm this (see *Nature*, vol. xxxvi. p. 321). They show three layers of clouds—Lower, 2000 to 6000 feet, in or near which most hill stations are; Middle, 12,000 to 15,000, in which Pikes Peak is; and upper, 20,000 to 27,000, which are the true upper current clouds.

Any attempt to elucidate the behaviour of the atmospheric currents in cyclonic storms must be based on a careful study of individual cases, and not on general means, such as are dealt with in this paper. For this we have neither had time nor opportunity as yet, but the following points should be borne in mind when studying the development and behaviour of cyclones.

1. The height of a cyclone is so small compared with its area, that any attempt to represent a vertical section of it diagrammatically is useless and misleading.

2. From the laws of fluid motion it is probable that the upper end of a rotating mass of air, with or without an ascending motion in it, behaves in a very different manner in the free atmosphere from its lower end, which is bounded by the surface of the earth. It is unsafe to lay off isobars for the level of Ben Nevis from the winds observed there according to BALLOT's law; they may blow directly from high to low pressure, or according to some other yet unknown law.

3. The small diurnal variation in wind direction on Ben Nevis will enable us to study the changes of wind connected with variations of pressure, etc., independent of the time of day of their occurrence.

An examination of individual months that are higher or lower than their average in temperature shows that, in the warmest months, southerly winds are in excess on Ben Nevis and also at sea-level; while north-easterly are in defect on the summit, and northerly below. In the months below their average temperature, easterly winds are in excess on the summit, and northerly at sea-level; and the points of greatest defect are south on Ben Nevis, and south-east at sea-level. Thus in both the excess and defect the directions are on the summit several points to the right, looking out from the centre of the compass, of those at sea-level,—eight in the case of the excess, and four in the defect. It must be remembered we are dealing with average results: for in some of our exceptionally warm weather, the conditions on the summit are purely and entirely characteristic of high-level Observatories during anti-cyclones.

The temperature of the different winds has been discussed,* and the warmest point on the Ben Nevis windrose oscillates through 90 degrees from S.W. in winter to S. and S.E. in summer, and all these points are in a warm month in excess of what they are in an average month. These points, again, are in a cold month in defect of what they are in an average month, while the points of the northern half of the compass are in excess. If we take the sea-level wind excess as an index to the distribution of pressure at sea-level, we have in the Ben Nevis warm months an excess of pressure somewhere to the east or south-east, and low pressure to the west or south-west, superimposed on the normal excess in the south, and defect in the north-west or north. With this distribution of pressure, then, we see that the excess winds above and below are from about the same point of the compass. Similarly, in the cold months, the sea-level wind excess indicates an excess of pressure to the west or north-west, and a defect to the east. Here we see that the Ben Nevis excess blows straight out from the indicated centre of diminished pressure. Low temperatures on Ben Nevis are thus connected with winds that indicate a different distribution of pressure there from what holds at sea-level.

There is no marked diurnal variation in the direction of the wind on Ben Nevis, though the mean wind-velocity shows a distinct daily period. The latter, as at all true

* See "Thermal Windrose at the Ben Nevis Observatory," by A. Rankin, *Proc. Roy. Soc. Edin.*, vol. xiv. p. 416.

TABLE I.—*Hours of Each Wind. Ben Nevis Observatory.* 1884–89. *Percentages.*

	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm or Var.
January,	16·1	9·0	5·8	12·9	14·0	15·9	13·8	10·5	2·0
February,	18·5	11·8	9·7	12·8	12·3	15·0	10·0	7·7	2·2
March,	18·6	14·1	10·2	14·6	10·9	11·7	9·2	7·5	3·2
April,	18·5	12·1	11·8	14·3	13·0	9·0	8·5	6·7	6·1
May,	10·6	12·0	9·5	18·1	15·5	11·8	9·8	6·5	6·2
June,	15·6	7·9	8·3	12·5	12·4	13·7	12·4	8·2	9·0
July,	17·5	4·6	7·1	14·9	13·7	11·8	12·2	9·2	9·0
August,	20·3	5·1	4·6	10·5	16·3	13·3	13·6	7·9	8·4
September,	18·5	4·6	4·6	12·0	15·7	14·3	14·2	8·5	7·6
October,	25·3	9·1	8·2	12·1	9·8	12·6	9·7	7·3	5·9
November,	20·7	7·8	9·2	13·9	10·3	15·4	11·6	8·6	2·5
December,	25·5	9·1	4·0	8·5	11·2	15·2	12·4	11·3	2·8
Year,	18·8	8·9	7·6	13·1	13·0	13·3	11·5	8·3	5·5

TABLE II.—*Percentage Winds. All Scotland.* 1884–89. *From Registrar General's Returns published in Journal of Scott. Metr. Soc.*

	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm or Var.
January,	7·0	5·4	9·1	7·5	9·1	22·1	23·7	9·7	6·4
February,	9·4	7·7	12·3	7·7	9·4	18·8	18·8	10·0	5·9
March,	10·2	8·6	14·5	9·7	9·7	15·1	16·1	10·7	5·4
April,	11·1	13·3	18·4	9·4	8·9	11·7	14·4	8·9	3·9
May,	7·5	9·1	15·6	10·7	10·2	14·5	16·2	10·2	6·0
June,	6·7	9·4	13·9	8·3	9·4	13·3	21·2	11·1	6·7
July,	7·0	7·5	12·4	7·5	10·2	15·6	22·1	10·7	7·0
August,	7·5	7·0	9·7	5·9	11·3	18·8	21·0	10·7	8·1
September,	8·3	6·7	10·5	6·7	8·9	18·3	21·7	8·9	10·0
October,	10·7	9·7	11·3	5·9	7·5	15·6	21·0	11·3	7·0
November,	7·8	7·2	11·7	7·2	9·4	18·9	21·1	10·0	6·7
December,	9·7	4·3	5·4	5·4	9·1	21·0	24·7	11·8	8·6
Year,	8·6	8·0	12·0	7·7	9·4	17·0	20·2	10·3	6·8

hill stations, rises to a maximum in the very early morning, and falls to its minimum in the afternoon, the reverse of what occurs at sea-level. But the direction of the wind shows no appreciable changes, even in fine summer weather, when the power of the sun is greatest, and such changes might be looked for, except that there is a very slight excess of W. at night and of E. in the forenoon; and that from 1 to 9 A.M. N. is in excess, from 10 A.M. to 6 P.M. S., and for the rest of the day both these directions are rather below the mean of the whole day.

This result is substantially the same as that arrived at by a more elaborate examination of the summer winds of Ben Nevis for two years, communicated to this Society in 1886 (see *Proc. Roy. Soc. Edin.*, vol. xiii. p. 839). We see no reason to alter the explanation of this very slight diurnal variation given in that paper, viz., that it is entirely due to radiation on the N. and S. sides of the hill, and is not connected with any general system of land and sea breezes. It is rather remarkable that on Ben Nevis there should be practically no diurnal variation in the direction of the wind, situated as it is near the Western Sea, and with the elevated plateau of the Moor of Rannoch, and the great mass of the highest hills of Scotland to the E. of it. At any sea-level station in the neighbourhood, doubtless a diurnal change of marked character would have appeared in a similar set of observations.

Abstract of Paper on the Change of Temperature with Height during Anti-Cyclones on Ben Nevis, and at some Continental Stations. By R. T. Omond.*

During almost every winter anti-cyclone, with its accompanying cold but calm and fair weather, the temperature at Fort-William is, for part of the time, nearly as low or lower than that on Ben Nevis, 4400 feet above it. The average difference of temperature is 16° Fahr.; Ben Nevis being that much colder, or about 1° for every 270 feet. But in anti-cyclones this normal difference of temperature is widely departed from, the records showing that Ben Nevis has been 17° warmer instead of 16° colder than Fort-William, a departure of 33° from the normal; and it has frequently been 5° to 10° warmer for a day or two at a time. These data only give the temperatures on the summit of Ben Nevis, and at the sea-level five miles away they give us no information as to what it is in the intermediate air. That there is something unusual in this 4400 feet of atmosphere is hinted at by two facts,—first, with this abnormal temperature arrangement we always have very dry air on the summit, and very damp air at Fort-William; second, the difference of the barometer readings at top and bottom is less than the normal difference for the temperature. The former is an inversion of the ordinary humidity conditions—usually the air on the summit is saturated, or nearly so, with moisture, and at Fort-William dry; the latter, the barometric differences, require a few words of explanation to show what exactly they indicate, and how they bear on the question of temperature.

Some years ago, Dr Buchan drew up a table giving the observed differences in thousandths of an inch of the barometer on Ben Nevis and that at Fort-William for each tenth of an inch sea-level pressure, and each degree of temperature; the Ben Nevis barometer being reduced to 32° only, and that at Fort-William to 32° and sea-level, and the temperature being taken as the mean of the Ben Nevis and Fort-William temperatures. This table was published in the *Transactions Royal Society Edinburgh*, vol. xxxiv. p. lx., and a full description of it, and of the method in which it was compiled, will be found in the Introduction to that volume. It is reprinted at the end of the Appendix to this volume. Each column of the table represents, at a certain temperature, the difference of the two barometers for varying sea-level pressures, and the values decrease as we pass down any column to lower pressures, or go from column to column up the temperature scale.

This table is used to reduce the Ben Nevis barometer to sea-level; the proper line of the table is indicated by the barometer in Fort-William, and the proper column by the average temperature of Ben Nevis and Fort-William. For example, on the 6th February 1893, at 4 P.M.:—

* See *Journal of Scottish Meteorological Society*, vol. xi. p. 65.

The Fort-William barometer at 32° and sea-level was	29·909
The Fort-William temperature was	46·3
The Ben Nevis temperature was	29·8
Giving an average temperature of	38·0
The Ben Nevis barometer at 32° was	25·343
The entry in table for a sea-level pressure of 29·909 and a mean temperature of 38·0 is	4·567
Which added to Ben Nevis barometer gives	29·910

The last entry is, therefore, the Ben Nevis barometer reduced to sea-level, and it agrees closely with the actual sea-level pressure as indicated by the Fort-William barometer. But this agreement does not always take place, and, as stated above, during anti-cyclones they seldom agree, the Ben Nevis barometer frequently coming out higher than the true sea-level pressure. For example, on 18th February 1893, at 10 P.M. :—

The Fort-William barometer at 32° and sea-level was	29·700
The Fort-William temperature was	38·0
The Ben Nevis temperature was	32·2
Giving an average temperature of	35·1
The Ben Nevis barometer at 32° was	25·177
The entry in table for a sea-level pressure of 29·700 and a mean temperature of 35·1 is	4·558
Which added to Ben Nevis barometer gives	29·735

This last entry—the Ben Nevis barometer at sea-level—differs from the true sea-level pressure recorded at Fort-William by + 0·035 inch, and differences like this occur whenever, during anti-cyclones, the Ben Nevis temperature rises near to or surpasses that at Fort-William; while during cyclonic weather, the Ben Nevis barometer tends to come out lower than the true sea-level pressure. These differences frequently amount to 0·040 or 0·050, which is about 1 per cent. of the whole difference of pressure between summit and base; they never in anti-cyclones amount to 0·100.

The most obvious way for accounting for a difference such as we get in the second example is to assume that the wrong temperature column has been taken in the reduction table, that is, that the mean of the Ben Nevis and Fort-William temperatures is not the true average for the air between these levels. If we assume an average temperature of 39°·6 instead of 35°·1 as given above, the "Entry in Table" becomes 4·523 instead of 4·558, and the barometers agree. If this hypothesis—that the difference of the barometers is due to a faulty method of estimating the temperature of the air between the two stations—be true, then it follows that when the Ben Nevis barometer comes out too high, the intermediate air is warmer than the mean of the Ben Nevis and Fort-William temperatures by an amount proportional to the sea-level difference of the two barometers.

To test the truth of this hypothesis, observations are needed at heights intermediate between the summit and base. Of such the only data yet collected at Ben Nevis are (first) Mr WRAGGE's observations, made by himself and his assistants when ascending and descending the mountain, and (second) a valuable series made by Mr MUIR at a temporary half-way station in September 1896. The former are not of much use for

this inquiry, as they were necessarily not simultaneous with any on the summit; while the weather in which Mr MUIR's set was taken was not of an anti-cyclonic character. Mr MUIR's readings, however, show that in ordinary weather the temperature half-way up the hill is just midway between that of the summit and the base.

There being thus no suitable intermediate observations at Ben Nevis, I examined the Swiss mountain stations. There are no hourly observations at the Swiss hill stations published except at Säntis, but readings three times a day, at 7 A.M., 1 P.M., and 9 P.M. are printed *in extenso* in the *Annalen Schweiz Meteorolog.*, Zurich, for twelve of the principal meteorological stations, including practically all the hill stations. From these were selected Säntis, 8202 feet; Pilatus, 6781 feet; Rigi, 5863 feet; and Chaumont, 3700 feet, as hill stations; with Zurich, 1627 feet, and Altdorf, 1476 feet, as base stations. The first three are true peaks; Chaumont is on a broad-backed ridge looking down on the Lake of Neuchatel, more than 2000 feet below it, while Zurich and Altdorf, though not at sea-level, are at the base of the Swiss atmosphere, there being no extent of lower ground near them. Thus we get between Säntis and Zurich a range of 6575 feet, with Pilatus and Rigi as intermediate stations at no great distance away, and Chaumont farther to the west, but still useful for comparison. The readings at 7 A.M. in winter give temperatures at the various stations but little influenced by direct solar action, and therefore due mainly to terrestrial radiation and to the fluctuations caused by weather changes. Tables have been drawn up showing the 7 A.M. temperature at these six stations on each day for some months, with the differences between several of the stations. From these tables it was easily seen which days had large differences of temperature between hill and valley stations, and which little; and how, on such days, the temperatures at the intermediate stations compared with valley and higher hill stations respectively.

It is unnecessary to give such tables in full, but one typical case may be cited. The greatest inversion of temperatures found in the two years' records yet examined is from the 6th to the 9th inclusive of January 1893, when Switzerland was on the western side of an anti-cyclone. On these four days the temperature at Zurich was lower than on Säntis, 6575 feet above it, not only at 7 A.M. but continuously all day, as will be seen from the tri-daily readings in the table.

From the differences between Säntis and the other stations, it will be seen that during these four days the great cold indicated by the readings at Zurich, and which was felt to a greater or lesser extent at all the low-level stations in that part of Switzerland, was confined to a stratum of the atmosphere of no great vertical height. The air immediately above this stratum was warm, and though Säntis was throughout warmer than Zurich, the intermediate stations were warmer than either, as will be seen by the "Difference" columns. Pilatus, Rigi, and Chaumont were always warmer than Säntis, except at 7 A.M. on the 6th, when Chaumont was colder. Zurich, though always colder than Säntis, except at the very last reading—9 P.M. on the 9th—was still further below Rigi in temperature; in fact, the vertical distribution of temperature among the hill

Station, . Height in feet, .	Temperature.					Differences of Temperature.					Mean Temp.
	Säntis. 8202	Pilatus. 6781	Rigi. 5863	Chaumont. 3700	Zurich. 1627	Säntis. Pilatus.	Säntis. Rigi.	Säntis. Chaumont.	Säntis. Zurich.	Rigi. Zurich.	Säntis and Zurich.
7 A.M., Jan. 6, .	21·7	27·3	23·4	17·6	16·9	5·6	1·7	−4·1	− 4·8	− 6·5	19·3
,, ,, 7, .	23·7	24·8	27·1	27·3	17·6	1·1	3·4	3·6	− 6·1	− 9·5	20·6
,, ,, 8, .	26·2	30·6	34·2	34·5	16·5	4·4	8·0	8·3	− 9·7	−17·7	21·4
,, ,, 9, .	27·9	31·6	37·0	34·2	18·3	3·7	9·1	6·3	− 9·6	−18·7	23·1
Mean, .	24·9	28·6	30·4	28·4	17·3	3·7	5·5	3·5	− 7·6	−13·1	21·1
1 P.M., Jan. 6. .	26·2	29·5	29·8	33·4	18·3	3·3	3·6	7·2	− 7·9	−11·5	22·3
,, ,, 7, .	27·1	29·8	32·4	41·0	20·8	2·7	5·3	13·9	− 6·3	−11·6	24·0
,, ,, 8, .	30·0	30·6	38·1	41·0	19·9	0·6	8·1	11·0	−10·1	−18·2	24·9
,, ,, 9, .	31·3	35·6	40·6	45·3	27·0	4·3	9·3	14·0	− 4·3	−13·6	29·1
Mean, .	28·7	31·4	35·2	40·2	21·5	3·0	6·8	11·5	− 6·9	−13·7	25·1
9 P.M., Jan. 6, .	22·5	...	23·9	25·9	17·2	...	1·4	3·4	− 5·3	− 6·7	19·8
,, ,, 7, .	26·4	...	32·0	29·5	18·3	...	5·6	3·1	− 8·1	−13·7	22·3
,, ,, 8, .	29·8	...	34·5	33·1	20·1	...	4·7	3·3	− 9·7	−14·4	25·0
,, ,, 9, .	28·9	...	33·1	35·6	29·1	...	4·2	6·7	0·2	− 4·0	29·0
Mean, .	26·9	...	30·9	31·0	21·2	...	4·0	4·1	− 5·7	− 9·7	24·0

The 9 P.M. Readings are not given for Pilatus.

stations remained practically normal for these four days, and it was only in the lowest strata of the atmosphere that the usual change of temperature with height was reversed. Closely connected with these temperatures are the humidities; where the air was warm, it was dry; where cold, moist—the opposite of what takes place in a cyclone. At Pilatus and Rigi, unfortunately, humidity values are not given, but at Säntis on these four days the humidity at 7 A.M. ranged from 43 to 26 per cent., averaging 33. At Chaumont the mean was 81, while at Zurich and most other stations near, the air was practically saturated. At Säntis at 7 A.M. the mean barometer for the four days was 21·956, and at Zurich, 28·240, a difference of 6·284 inches. Similarly, at 1 P.M. the Säntis barometer was 21·948, and the Zurich, 28·205, a difference of 6·257 inches. The averages of the Säntis and Zurich temperatures at these hours were—at 7 A.M., 21·1; and at 1 P.M., 25·1 (see table above); but the differences of barometric pressure between stations at the heights of Säntis and Zurich, with such sea-level pressures as Zurich when reduced indicates, and for these temperatures 21·1 and 25·1 are, respectively, 6·355 and 6·311 (see *Challenger* Reports, "Physics and Chemistry," vol. ii. p. 50).

Now the actual differences of pressure—6·284 and 6·257—being less than the above computed differences by 0·071 and 0·054 inch respectively, these Säntis-Zurich results agree in all respects with the Ben Nevis–Fort-William observations during similar anti-cyclonic weather. We have the same vertical arrangement—or rather disarrangement—of temperature and of humidity, and departures in the same direction of the observed

from the computed differences of barometric pressure in Scotland as in Switzerland; so that what explains the one may be fairly looked on as at least a possible explanation of the other. An examination of the table of temperatures on previous page shows at once that the air between Säntis and Zurich, whose weight is measured by the difference of their respective barometers, has not a temperature anything like the mean of the Säntis and Zurich temperatures, but is considerably higher, as every station intermediate in height gives a value higher than this mean. If we assume the mean temperature at 7 A.M. to be 28·4 instead of 21·1, and at 1 P.M. 30·7 instead of 25·1, we will find the differences of barometric pressure computed from such temperatures to agree with the differences observed between Säntis and Zurich. This conclusion, that the intermediate air is warmer than the average of the higher and lower station, is obvious and necessary from the temperatures in the table on previous page, and is the same as the hypothesis put forward to explain the Ben Nevis and Fort-William anomalies of barometric reading.

Other cases of warm air on Säntis and cold at the valley stations all point to the disturbance of temperature being in the lowest strata of the air. In the three months January, February, and March 1893, the temperature at 7 A.M. on Säntis exceeded that on Rigi only twice, and then only by 1°·8 and 0°·9 respectively; while Säntis exceeded Zurich six times, the amounts being 4°·8, 6°·1, 9°·7, 9°·6, 4°·9, and 1°·8; and this, although Säntis is only 2300 feet higher than Rigi, and is 6600 feet above Zurich. In the same period, Rigi was on twenty occasions warmer than Zurich at 7 A.M., the greatest being 18°·7 on January 9th.

The cause of this peculiar arrangement of temperature in winter anti-cyclones must be looked for in the character of the air brought over the district under such conditions. A slowly descending mass of air settling downwards from the cold, rare regions of the upper atmosphere, and flowing outwards from the area of highest pressure on the earth's surface, is the generally received description of an anti-cyclone. This air starts on its downward course with little water vapour and little dust in it; it has no opportunity of gathering any till it reaches the surface of the ground, for all the vapour and dust in the air ascend from below, and it is steadily heated by compression as it descends. Such air is almost perfectly diathermanous; it is a bad absorber and bad radiator of heat; therefore it does not lose the heat that is developed in it by compression during descent, as it cannot get rid of it in the only way possible, by radiation into space. This heating, when undisturbed, produces in dry air a rise of about 5° for every 1000 feet of descent, an amount considerably greater than the normal rate of change of temperature with height. Hence the air comes down to the mountain summits comparatively warm, and very dry; as soon, however, as it brushes the surface of the ground, or comes in contact with air that has been lying near the ground, it begins to absorb moisture and gather dust; the heat required to evaporate the water, which thus saturates the lowest stratum of the air, will be largely taken from the air itself, which is thus left cold and damp, as we observe at all low-lying stations in such weather. This air, moreover, being full of dust and condensed water particles, is a good radiator,

and, during the long winter nights, cools yet more by radiation through the clear diathermanous air above—radiation which cools itself without affecting the temperature of the air above it.

This vertical distribution of temperature involves an abrupt change at the boundary between the upper surface of the moist air and the base of the warm dry air. Such change is indeed necessary, because—dry air being heavier than moist at the same temperature—the former could not float above the latter unless it was at least so much warmer as to compensate for its naturally greater density. At low temperatures the required change is small; at 15° perfectly dry need only be 0°·5 warmer than saturated air to become as light; at 30° a difference of 1° is required, at 48° it must be 2°, at 59° it must be 3°, at 67° it must be 4°, at 76° it must be 5°, and at 80° it must be 6° warmer to be as light as saturated air. Certain observations at Ben Nevis Observatory confirm this. When a cloud layer extends just about the level of the hill top, and there is clear sky above, we usually have the cloud rising and falling a little from time to time, so that the Observatory is alternately in the top of the cloud and the base of the dry air. Under these circumstances, the temperature is invariably lower in the cloud than in the dry air above it, and this quite independent of whether the change takes place by day or night. An observation of the rise of temperature experienced immediately above a cloud layer was made by Professor Piazzi Smyth at the Peak of Teneriffe in 1856 (see *Journal Scottish Meteorological Society*, vol. vii. p. 273). His observations were all made in the daytime, and he supposed the rise to be largely due to the sun's heat reflected from the upper surface of the cloud; but the fact that the same conditions are found at night indicates that other agencies than the direct heat of the sun control these temperatures, namely, the heat due to descent and consequent compression of the dry air, and the cooling of the cloudy air by evaporation and radiation. For example, on the 8th February 1892 up till 11 P.M. there was fog on the top of Ben Nevis, the temperature being 25° to 26°, and the air saturated; after 11 P.M. the fog sank, leaving the hill top just clear above it, the temperature for the next few hours being 30° to 33°, with a wet bulb depression of from 3° to 5°, equivalent to a relative humidity of 40 to 60 per cent. On the 9th February, at 8 P.M., the fog rose again and enveloped the summit, the temperature falling 8°·5 in one hour, and the air becoming, of course, saturated. Many other instances, at all hours of the day, could be given; the average of twenty cases shows a rise of temperature of about 3° in two hours as the fog sinks, and an equal fall when it rises again—the wet bulb remaining almost steady in both cases, indicating that the upper surface of the cloud acts as an evaporating surface in regard to the dry air above it. No similar change is observed when a cloud settles down on the hill from above. Another fact bearing on the subject is, that in the cloud or fog the air is calm, while as soon as it sinks and the hill top emerges into the dry air a strong breeze is usually felt, showing that the dry air is flowing away over the cloud surface, forced, no doubt, by the descending current of the anti-cyclone.

From all these observations—both at varying heights in Switzerland and in rapid changes from foggy to dry air at the upper surface of clouds—it seems well established that, in the class of anti-cyclones which bring out the Ben Nevis barometer higher than the true pressure when reduced to sea-level, the cold of the lower atmosphere is confined to a small vertical height, and that the reversal of temperature gradient, indicated by a high-level station being warmer than a low, all takes place in the cold damp air, or just immediately above it; the great mass of warm dry air which forms the body of the anti-cyclone having normal vertical temperature gradients, indeed showing, if anything, a decrease of temperature with height rather more rapid than usual. How far the converse of this holds—that in a cyclonic area, when the Ben Nevis barometer comes out lower than the true pressure at sea-level, the intermediate air is colder than the mean of summit and base—has not yet been determined. The more rapid changes of cyclonic weather, and the frequency of high winds, with their purely mechanical depression of the barometer, introduce complications that are absent in the anti-cyclone.

Differences between the Ben Nevis and Fort-William Barometers when both are reduced to Sea-Level. By R. T. OMOND.

The barometer at the Fort-William Observatory is 42 feet above sea-level, and its readings are reduced to sea-level by the ordinary tables based on LAPLACE'S formula; but in reducing the barometer at the Ben Nevis Observatory, which is 4407 feet above sea-level, use is made of a table specially constructed by Dr BUCHAN, and described by him in the first volume of the Ben Nevis Observations (see *Transactions*, vol. xxxiv. p. 24). This table consists of the average values of the difference between the barometer on Ben Nevis and that at sea-level in Fort-William, for each successive tenth of an inch of sea-level pressure and each degree of air temperature. The table is thus purely an empirical one; it is the smoothed averages of a series of observations, and is not based on any preconceived theory, nor on data drawn from any other source. A reprint of the table will be found at the end of the Appendix. The table closely agrees with the recognised values for the expansion of air with rise of temperature, a result which indicates that the air temperatures used in it, namely, the average of the Ben Nevis and Fort-William temperatures, represent very closely the actual average temperature of the whole mass of air above Fort-William up to the level of Ben Nevis. It is found, however, that when we use this table to reduce individual readings of the Ben Nevis barometer to sea-level, these reduced values may differ from the observed sea-level pressures in Fort-William by six or even eight hundredths of an inch above or below, and the two barometers frequently differ by one or two hundredths of an inch. As the Fort-William barometer is only 42 feet above sea-level, no appreciable error can be introduced in reducing it, and we must look for the origin of these discrepancies to the reduction of the Ben Nevis barometer. As a general rule, during cyclonic weather, and when the difference of temperature between Ben Nevis and Fort-William is greater than usual, the reduced Ben Nevis barometer comes out lower than that at Fort-William; while in anti-cyclones, or when the difference of temperature is small, it is higher.* In a paper published in the *Journal of the Scottish Meteorological Society*, an abstract of which is given in this Appendix (see p. 506), it is suggested that the cause of the discrepancy in anti-cyclones is that the temperature taken, namely, the mean of the Ben Nevis and Fort-William temperatures, is not the true average temperature of the air between the levels of the stations in such weather, and that this explains the difference between the reduced barometers.

When we consider the relation of the two barometers at sea-level at different hours of the day, a difference is found between them similar to that which appears in con-

* See "Relations of Pressure and Temperature," by Dr BUCHAN, page 496.

trasting cyclonic and anti-cyclonic weather. During the day-time the difference of temperature between the two Observatories is greater than the average for the whole day, and the Ben Nevis barometer, when reduced, is, as a rule, lower than the Fort-William barometer. At night the difference of temperature is less, and the Ben Nevis barometer is the higher of the two. Further, this diurnal range in the difference of the two barometers at sea-level does not merely appear when long averages are taken, but is in evidence on almost any day on which strong winds do not vitiate the readings by inducing pumping, and any change in the character of these differences marks a change of weather conditions, which may ultimately be found to be of value in forecasting changes in the type of weather. In order to eliminate the effects of wind, I have, out of six years' records (1891–97, omitting 1893), taken only those days on which the wind at Ben Nevis did not exceed force 2 (or 12 miles an hour) at any single hour of the 24. Days with somewhat stronger winds might have been included without impairing the accuracy of the Ben Nevis barometric readings, but taking only days on which the wind was slight, simplifies the problem by practically eliminating the horizontal movement of the air, and leaving only expansion, contraction, and convection currents as factors to be dealt with. By thus selecting the calmer days, we also get on the whole the fine or anti-cyclonic weather, though a few cases naturally come in of calm weather in low pressure areas. The total number of such days in the six years dealt with was 267, or about 12 per cent. of the whole, and their distribution over the different months and years is shown in the accompanying table :—

Number of Days in which the Wind Force on Ben Nevis did not exceed 2 at any hour of the day.

	1891.	'92.	'93.	'94.	'95.	'96.	'97.	Totals.	Seasonal totals.
January, . .	5	3	...	0	2	4	5	19	Winter, 38.
February, . .	2	2	...	1	2	0	2	9	
March, . .	5	3	...	3	0	0	1	12	Spring, 74.
April, . .	11	5	...	2	3	2	4	27	
May, . .	7	0	...	11	4	6	7	35	
June, . .	9	4	...	9	7	6	5	40	Summer, 112.
July, . .	10	4	...	6	7	7	6	40	
August, . .	6	4	...	7	5	5	5	32	
September, .	2	1	...	8	1	3	4	19	Autumn, 43.
October, . .	5	1	...	3	0	2	1	12	
November, .	4	1	...	0	1	3	3	12	
December, .	2	1	...	2	2	2	1	10	
Total, . .	68	29	...	52	34	40	44	267	

Owing to the small number of days available, especially in the winter months, they have been grouped in four seasons of three months each, viz., spring, March, April,

May; summer, June, July, August; autumn, September, October, November; and winter, December, January, February.

The tables on pages 516 and 517 give the mean values at each hour of the day for the four seasons of some of the relations of pressure and temperature. The yearly means in all cases are the average of the four seasonal means. The mean values are first given, and then in the next page the departures of each hour from the general mean of the day, these latter values being as usual corrected for any difference between the preceding and succeeding midnights.

The first two items in the table are the differences of sea-level pressure and of temperature between the two Observatories. It will be seen most easily in the "Departure" tables that these are almost the complement of each other, the excess of the one corresponding roughly to the defect of the other. But the correspondence is not exact, and indicates that while the barometer differences are radiation effects symmetrical about noon and midnight, the temperature differences are symmetrical in respect to the times of highest and lowest temperature. In autumn and winter the time of the morning change of sign of the barometric differences is delayed owing to the fact that the hills to the south-east of Fort-William prevent sunshine reaching the Observatory there till some hours later than at Ben Nevis. Except for this the Ben Nevis barometer is the lower from 7 to 18 o'clock, and the higher from 19 to 6 o'clock, as appears in the Departure table, with one trifling exception at 18 in winter. Moreover, the curve of differences given by these figures is distinctly flattened at its maximum and minimum values, being in this respect unlike a diurnal curve of temperature, and also unlike that of the differences of temperature given in the table.

The third item in the tables is the mean hourly temperatures, the average of the Ben Nevis and Fort-William temperatures. These are the temperatures that have been used in reducing the Ben Nevis barometer to sea-level, and they have thereby been assumed to be the mean hourly temperatures of the air between sea-level and the height of Ben Nevis. If, however, instead of reducing the Ben Nevis barometer by these temperatures we simply take the difference between the Ben Nevis barometer at 4407 feet and the Fort-William sea-level barometer, we can find from the reduction table what the temperature at each hour ought to be to make the barometers agree at sea-level. This is working the reduction table backwards; instead of taking an observed temperature and finding from it the amount to be added to the Ben Nevis barometer to bring it to sea-level, we take the observed amount that the Ben Nevis barometer differs from the sea-level one and find the corresponding temperature of the intermediate air by that table. Carrying out this process for each hour of the day, we get the temperatures given in the fourth section of the tables. These latter temperatures may be regarded as the mean hourly temperatures of the air up to the level of Ben Nevis on the days chosen for discussion, if we assume that the Ben Nevis barometer, when brought to sea-level, ought to agree with the Fort-William one at each hour of the day, and that the differences between them, when reduced in the ordinary

TABLE I.—HOURLY MEAN VALUES.

Difference in Thousandths of an Inch of Ben Nevis and Fort-William Barometers when both are brought to Sea-Level.

A minus sign signifies that the Fort-William barometer is the higher, and the absence of sign that the Ben Nevis barometer is the higher.

	Mid-night.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean
Spring .	9	11	10	10	8	8	4	-4	-11	-17	-20	-21	-21	-19	-16	-15	-14	-9	-6	1	4	9	9	10	11	3
Summer .	18	19	18	19	18	15	8	3	-3	-6	-8	-8	-7	-6	-7	-7	-4	-1	1	6	12	16	18	20	20	6
Autumn .	9	11	11	12	11	12	12	13	7	0	-3	-8	-10	-11	-11	-11	-7	1	3	9	10	12	13	14	13	4
Winter .	6	8	8	8	9	9	7	9	8	7	4	1	-3	-5	-6	-4	0	4	5	7	6	7	6	6	5	4
Year .	10	12	12	12	12	11	8	5	0	-4	-7	-9	-10	-10	-10	-9	-6	-1	1	6	8	11	12	12	12	3

Differences of Temperature, Fort-William being the higher throughout.

	Mid-night.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean
Spring .	13·6	13·0	12·3	11·7	11·3	11·0	10·8	12·0	13·0	14·8	15·9	17·0	17·8	18·7	19·5	20·0	20·5	20·3	20·0	18·9	17·2	15·8	14·7	13·8	13·0	[illegible]
Summer .	12·8	12·4	12·0	11·8	11·4	11·3	11·8	13·2	14·1	15·0	15·6	16·4	16·7	17·2	17·7	18·3	18·2	18·5	18·4	17·7	16·2	15·1	14·1	13·2	12·5	[illegible]
Autumn .	10·3	10·2	9·9	9·5	9·7	9·5	9·2	9·5	9·8	10·1	10·6	12·0	12·8	13·8	14·5	15·1	15·6	15·2	14·1	12·9	11·9	11·3	10·7	10·1	9·6	[illegible]
Winter .	11·0	10·7	10·3	10·3	10·0	10·0	9·9	10·0	9·8	9·6	9·8	10·4	11·3	12·2	12·8	13·3	13·1	12·2	11·7	11·0	10·4	10·3	10·3	10·1	10·0	[illegible]
Year .	11·9	11·6	11·1	10·8	10·6	10·4	10·4	11·2	11·7	12·4	13·0	14·0	14·6	15·5	16·1	16·7	16·8	16·6	16·0	15·1	13·9	13·1	12·4	11·8	11·5	[illegible]

Mean Temperatures, being the Average of the Ben Nevis and Fort-William Temperatures.

	Mid-night.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean
Spring .	34·1	33·6	33·1	32·9	32·6	32·6	33·0	34·2	35·6	37·3	38·6	40·0	40·8	41·8	42·2	42·4	42·2	41·6	40·7	39·4	37·9	36·8	36·0	35·2	34·4	[illegible]
Summer .	46·8	46·4	46·0	45·6	45·4	45·4	46·1	47·2	48·2	49·5	50·4	51·4	52·0	53·0	53·5	53·8	53·6	53·2	52·6	51·6	50·1	48·9	47·9	47·1	46·5	[illegible]
Autumn .	39·1	38·8	38·5	38·3	38·1	37·8	37·7	37·7	38·3	39·6	40·5	41·7	42·5	43·0	43·5	43·7	43·3	42·4	41·4	40·6	39·7	39·3	38·7	38·4	38·1	[illegible]
Winter .	29·3	29·0	28·8	28·8	28·6	28·4	28·5	28·3	28·1	28·3	28·6	29·3	30·0	30·7	30·9	30·8	30·4	30·0	29·5	29·3	29·2	29·1	29·0	28·9	28·7	[illegible]
Year .	37·3	37·0	36·6	36·4	36·2	36·0	36·3	36·8	37·5	38·7	39·5	40·6	41·3	42·1	42·5	42·7	42·4	41·8	41·0	40·2	39·2	38·5	37·9	37·4	36·9	[illegible]

Mean Temperatures required to make Ben Nevis and Fort-William Barometers agree at Sea-Level.

	Mid-night.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean
Spring .	35·3	35·0	34·4	34·2	33·7	33·7	33·5	33·7	34·2	35·1	36·0	37·2	38·0	39·3	40·1	40·4	40·4	40·4	39·9	39·5	38·4	38·0	37·2	36·5	35·8	36·9
Summer .	49·2	48·9	48·4	48·1	47·8	47·4	47·2	47·6	47·8	48·7	49·3	50·3	51·1	52·2	52·6	52·9	53·1	53·1	52·7	52·4	51·7	51·0	50·3	49·7	49·1	50·1
Autumn .	40·3	40·2	39·9	39·9	39·5	39·4	39·3	39·4	39·2	39·6	40·2	40·6	41·2	41·6	42·1	42·3	42·4	42·5	41·8	41·8	41·0	40·9	40·4	40·2	39·8	40·6
Winter .	30·1	30·1	29·9	29·9	29·8	29·6	29·4	29·5	29·2	29·2	29·1	29·4	29·6	30·0	30·1	30·3	30·4	30·5	30·2	30·2	30·0	30·0	29·8	29·7	29·4	29·8
Year .	38·7	38·6	38·2	38·0	37·7	37·5	37·4	37·5	37·6	38·2	38·6	39·4	40·0	40·8	41·2	41·5	41·6	41·6	41·2	41·0	40·3	40·0	39·4	39·0	38·5	39·4

TABLE II.—MEAN HOURLY DEPARTURES.

Excess above the mean values in bold type and defect from it in italic.

Difference of the Barometers at Sea-Level.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.
Spring . .	**15**	**14**	**14**	**12**	**12**	**8**	*1*	*8*	*14*	*17*	*18*	*18*	*16*	*13*	*12*	*11*	*6*	*3*	**3**	**6**	**11**	**11**	**12**	**13**
Summer . .	**14**	**13**	**14**	**13**	**10**	**3**	*3*	*9*	*12*	*14*	*14*	*13*	*12*	*13*	*13*	*10*	*7*	*5*	*0*	**5**	**9**	**11**	**13**	**13**
Autumn . .	**9**	**9**	**10**	**8**	**9**	**9**	**10**	**4**	*3*	*7*	*12*	*14*	*15*	*15*	*15*	*12*	*4*	*2*	**4**	**5**	**7**	**7**	**8**	**7**
Winter . .	**3**	**3**	**3**	**4**	**4**	**3**	**5**	**4**	**3**	*0*	*3*	*7*	*9*	*10*	*8*	*4*	*0*	**1**	**3**	**3**	**4**	**3**	**3**	**2**
Year . .	**10**	**10**	**10**	**9**	**9**	**6**	**3**	*2*	*6*	*10*	*12*	*13*	*13*	*13*	*12*	*9*	*4*	*2*	**2**	**5**	**8**	**8**	**9**	**9**

Difference of Temperature.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.
Spring . .	*2·8*	*3·5*	*4·0*	*4·4*	*4·7*	*4·9*	*3·6*	*2·6*	*·8*	**·3**	**1·5**	**2·3**	**3·2**	**4·0**	**4·6**	**5·1**	**4·9**	**4·6**	**3·6**	**1·9**	**·5**	*·6*	*1·4*	*2·2*
Summer . .	*2·7*	*3·1*	*3·3*	*3·7*	*3·8*	*3·3*	*1·9*	*1·0*	*·0*	**·6**	**1·4**	**1·7**	**2·2**	**2·7**	**3·3**	**3·2**	**3·6**	**3·5**	**2·8**	**1·3**	**·2**	*·8*	*1·7*	*2·4*
Autumn . .	*1·7*	*2·0*	*2·4*	*2·2*	*2·3*	*2·6*	*2·3*	*1·9*	*1·6*	*1·1*	**·4**	**1·2**	**2·2**	**2·9**	**3·6**	**4·1**	**3·7**	**2·7**	**1·5**	**·5**	*·0*	*·6*	*1·2*	*1·7*
Winter . .	*·6*	*1·0*	*·9*	*1·2*	*1·1*	*1·2*	*1·0*	*1·2*	*1·4*	*1·1*	*·5*	**·5**	**1·4**	**2·1**	**2·6**	**2·5**	**1·6**	**1·1**	**·5**	*·1*	*·1*	*·1*	*·2*	*·3*
Year . .	*2·0*	*2·4*	*2·6*	*2·9*	*3·0*	*3·0*	*2·2*	*1·7*	*1·0*	*·3*	**·7**	**1·4**	**2·2**	**2·9**	**3·5**	**3·7**	**3·4**	**3·0**	**2·1**	**·9**	**·2**	*·5*	*1·1*	*1·6*

Mean Temperatures.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.
Spring . .	*3·6*	*4·1*	*4·3*	*4·6*	*4·6*	*4·2*	*3·0*	*1·6*	*·0*	**1·3**	**2·7**	**3·5**	**4·5**	**4·9**	**5·1**	**4·9**	**4·2**	**3·3**	**2·0**	**·5**	*·6*	*1·4*	*2·2*	*3·0*
Summer . .	*3·1*	*3·5*	*3·9*	*4·1*	*4·1*	*3·4*	*2·3*	*1·3*	**·1**	**1·0**	**2·0**	**2·6**	**3·6**	**4·1**	**4·4**	**4·2**	**3·9**	**3·3**	**2·3**	**·8**	*·4*	*1·4*	*2·2*	*2·8*
Autumn . .	*1·8*	*2·1*	*2·2*	*2·4*	*2·6*	*2·7*	*2·6*	*2·0*	*·7*	**·3**	**1·5**	**2·4**	**2·9**	**3·5**	**3·7**	**3·4**	**2·5**	**1·5**	**·8**	*·1*	*·4*	*1·0*	*1·2*	*1·5*
Winter . .	*·5*	*·7*	*·6*	*·8*	*1·0*	*·9*	*1·0*	*1·2*	*1·0*	*·7*	**·1**	**·8**	**1·5**	**1·7**	**1·7**	**1·3**	**·9**	**·4**	**·3**	**·2**	**·1**	*·0*	*·0*	*·2*
Year . .	*2·2*	*2·6*	*2·8*	*3·0*	*3·1*	*2·8*	*2·2*	*1·5*	*·4*	**·5**	**1·6**	**2·3**	**3·1**	**3·6**	**3·7**	**3·4**	**2·9**	**2·1**	**1·4**	**·4**	*·3*	*1·0*	*1·4*	*1·9*

Mean Temperatures required to make Ben Nevis and Fort-William Barometers agree at Sea-Level.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.
Spring . .	*1·7*	*2·3*	*2·5*	*3·0*	*3·0*	*3·3*	*3·1*	*2·6*	*1·7*	*·8*	**·3**	**1·1**	**2·4**	**3·2**	**3·4**	**3·4**	**3·4**	**2·9**	**2·5**	**1·3**	**·9**	**·1**	*·6*	*1·3*
Summer . .	*1·2*	*1·7*	*2·0*	*2·3*	*2·7*	*2·9*	*2·5*	*2·3*	*1·4*	*·8*	**·2**	**1·0**	**2·1**	**2·5**	**2·8**	**3·0**	**3·0**	**2·6**	**2·3**	**1·6**	**·9**	**·2**	*·4*	*1·0*
Autumn . .	*·6*	*·9*	*·9*	*1·3*	*1·4*	*1·4*	*1·3*	*1·5*	*1·1*	*·5*	*·0*	**·6**	**1·0**	**1·5**	**1·8**	**1·9**	**2·0**	**1·3**	**1·3**	**·6**	**·5**	*·0*	*·2*	*·6*
Winter . .	*·0*	*·2*	*·2*	*·3*	*·4*	*·6*	*·5*	*·7*	*·7*	*·8*	*·4*	*·2*	**·2**	**·3**	**·6**	**·7**	**·8**	**·6**	**·6**	**·4**	**·5**	**·3**	**·2**	*·1*
Year . .	*·9*	*1·3*	*1·4*	*1·7*	*1·9*	*2·0*	*1·9*	*1·8*	*1·2*	*·7*	**·0**	**·6**	**1·4**	**1·9**	**2·1**	**2·2**	**2·3**	**1·8**	**1·7**	**1·0**	**·7**	**·2**	*·3*	*·8*

way, are wholly due to a faulty determination of the temperature of this air. The first assumption seems reasonable, and the second is borne out by the fact mentioned above, that the differences of the barometer seem to depend on a radiation effect. The Departure tables show that these computed temperatures have a less daily range than the observed temperatures, and that the diurnal changes are all delayed for two or three hours. A mass of free air, not in immediate contact with the ground, is likely to differ in temperature just in those ways from air near the ground, such as that whose temperature is taken in the screens at the Ben Nevis and Fort-William Observatories; and this last table gives us at least an approximation to the mean temperature of the whole mass of air up to 4400 feet in height. There may be other factors which, influencing the diurnal barometric values differently at the two Observatories, would slightly modify the numerical values of these computed temperatures, but I believe the Departure table shows substantially the hour-to-hour changes of temperature in the free air above Fort-William up to 4400 feet.

The difference between the mean of the observed temperatures at Ben Nevis and Fort-William and the temperature of the intermediate air, as computed from the barometric readings at the two Observatories, is given for each hour in the small table below. The curves for each season in this table are clearly radiation effects, symmetrical about the times at which solar and terrestrial radiation are respectively most powerful, and not about the times when the temperature of the air is highest and lowest. The effect is greatest in spring and summer, that is from March to August, when the sun is most powerful, and least in winter, that is from December to February, when solar action is weak, and when the Fort-William thermometers are shaded in the forenoon by the hills that rise to the south-east.

TABLE III.—Difference at each Hour between the observed Temperature (Mean of Ben Nevis and Fort-William Temperatures), and the Temperature computed from the Barometric Readings.

When the observed is the higher, the difference is put in bold type, and when it is the lower in italic type.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.
Spring .	*1·9*	*1·8*	*1·8*	*1·6*	*1·6*	*·9*	**·1**	**1·0**	**1·7**	**2·1**	**2·4**	**2·4**	**2·1**	**1·7**	**1·7**	**1·5**	**·8**	**·4**	*·5*	*·8*	*1·5*	*1·5*	*1·6*	*1·7*
Summer .	*1·9*	*1·8*	*1·9*	*1·8*	*1·4*	*·5*	**·2**	**1·0**	**1·5**	**1·8**	**1·8**	**1·6**	**1·5**	**1·6**	**1·6**	**1·2**	**·9**	**·7**	*·0*	*·8*	*1·3*	*1·6*	*1·8*	*1·8*
Autumn .	*1·2*	*1·2*	*1·3*	*1·1*	*1·2*	*1·3*	*1·3*	*·5*	**·4**	**·8**	**1·5**	**1·8**	**1·9**	**2·0**	**1·9**	**1·5**	**·5**	**·2**	*·5*	*·7*	*·9*	*1·0*	*1·0*	*·9*
Winter .	*·5*	*·5*	*·4*	*·5*	*·6*	*·3*	*·5*	*·5*	*·3*	**·1**	**·5**	**1·0**	**1·3**	**1·4**	**1·1**	**·6**	**·1**	*·2*	*·3*	*·2*	*·4*	*·3*	*·2*	*·1*
Year .	*1·4*	*1·3*	*1·4*	*1·3*	*1·2*	*·8*	*·4*	**·3**	**·8**	**1·2**	**1·6**	**1·7**	**1·7**	**1·7**	**1·6**	**1·2**	**·6**	**·3**	*·3*	*·6*	*1·0*	*1·1*	*1·1*	*1·1*

Hourly Readings of Black Bulb in vacuo *at Ben Nevis Observatory.**

By R. T. Omond.

For a few years readings of a Black Bulb *in vacuo* thermometer formed part of the regular hourly routine work at the Observatory on Ben Nevis during the summer months, and a summary of two years' observations, for 1890 and 1891, is given in this paper. The instrument consists of the usual vacuum chamber, a spherical glass globe about 2½ inches diameter, with inside, centrically, a thermometer whose bulb and an inch or so of stem are coated a dull black. The thermometer is an ordinary, not a maximum Fahrenheit thermometer, and therefore gives the Black Bulb temperature at the instant of reading only. It was exposed on a wooden stand in a horizontal position, with the bulb projecting beyond the frame, and pointing south, about 4 feet above the broken stones which form the hill top, and was read immediately after the shade temperature during daylight hours. Readings at night were found to be useless, as the outer glass jacket acted as a practically opaque screen to the low temperature rays, by which the bulb would have parted with its heat and been lowered below the shade temperature at night. It is impossible to work the instrument in winter, except during brief intervals of sunny weather, as the least fog or snow coats the outer bulb with ice and prevents the radiation action taking place. What exactly the Black Bulb indicates is an open question, and, indeed, it is rare to find two instruments recording the same,—slight unavoidable differences in manufacture alter the scale, so to speak; but as one instrument only has been used throughout in these readings, it may at least be assumed to show the times of maximum solar radiation, and little more than the determination of these times is attempted in this paper. The hours of observation are Greenwich time, and the Black Bulb is read at between two and three minutes after each hour; the times of local noon for Ben Nevis are approximately, in June, 12.20, in July and August, 12.25, and in September, 12.15 P.M.

In the table is given the shade temperature, and the difference between the mean Black Bulb and shade temperature, at each hour on the average of the four summer months. The diurnal range in the former is very small, amounting in each month to only between 3° and 4°; while the difference between shade and sun temperatures ranges from 0° to over 40°. In every month the highest value is at 11 A.M., and most of the months show a tendency towards a secondary maximum in the afternoon, either by an actual rise, as in July, at 2 P.M., or by a decrease in the rate of fall, a flattening of the curve sometime in the afternoon. Thus the highest readings are got about an hour and a half before local noon, and there is a slight tendency to rise again an hour or two after that time. We cannot suppose that the sun is really more powerful at

* See *Journal of Scottish Meteorological Society*, vol. ix. p. 256.

these times—certainly solar radiation is strongest when the sun is highest, viz., at local noon,—and the explanation of the abnormal time of the maximum is clearly that in the middle of the day the cloud canopy drawn up by the sun's heat is thicker, and shades the summit of the hill. That this is the case may be inferred from the three-day means given in the table—first for three cloudless days in June 1891, and then for three days of continuous fog which immediately succeeded them. On June 10th, 11th, and 12th there was no cloud above Ben Nevis, except a trace of cirrus one morning; and on June 13th, 14th, and 15th there was continuous fog, but only one slight shower of rain. The shade temperature on the mean of the three fine days ranged from 44°·5 to 40°·7, and on the foggy days from 37°·3 to 34°·6, taking the hourly averages of the two periods. Thus the shade temperature did not differ very much in the two periods, and its diurnal range was in both cases small. The solar action was practically the same throughout, the days being consecutive and near the summer solstice; but during the first period the summit was freely exposed to solar radiation, and during the latter it was densely shaded by fog. Observations at sea-level show that on the three clear days there was some cloud below the level of the hill top, the sky being on the average about one-fourth covered, while on the foggy days it was overcast, or very nearly so, all the time. On the three fine days the Black Bulb, as appears from the table, not only shows a much greater range than on the foggy days, but rises with a steady sweep to its maximum of about 81° above the shade temperature about midway between noon and 1 P.M., or just at local noon, and then falls again as regularly in the afternoon. The curve is remarkably smooth, considering it is only the average of three days; but any individual day of the three would show almost as regular a progression. In utter contrast to this is the curve of the three foggy days. Up to 7 A.M., indeed, and after 4 P.M., the rise and fall is pretty regular; but between these hours the readings vary wildly, indicating, however, the early maximum and the secondary rise in the afternoon characteristic of the monthly averages. This breaking down of the curve in the middle of the day can only be due to the greater thickness or greater opacity of the clouds then, and the similarity of the monthly curves to the foggy days' curve points to the same conclusion; for the majority of the days in each month are either foggy or cloudy overhead. There is practically no diurnal range in the number of hours during which the hill is enveloped in fog, and very little in the total amount of cloud; what there is points the same way as the Black Bulb readings,—the cloudiness is greatest in the afternoon; but the change is so small that, if the Black Bulb readings are at all proportional to the intensity of radiation, one would expect this effect to be due rather to a thickening or increased density of cloud than to more frequent cloudiness at these hours. However, this is pushing the record beyond its legitimate functions; we do not know what the scale of the Black Bulb means, or what the relation between it and the intensity of solar radiation is, so many elements of uncertainty are introduced by the differences in diathermancy of the glass jacket and in the absorptive power of the blackened bulb for different intensities of radiation. It

cannot, for instance, be said that when the Black Bulb is 40° above shade temperature, radiation is double what it is with a difference of 20°; all we know is that it is greater, but not how much greater.

The times when the shade temperature passes its mean value are, as usual at most stations, about 9 A.M. and 9 P.M.; that is, from 9 A.M. to 9 P.M. temperature is above the mean of the whole day in any month, and from 9 P.M. till 9 A.M. below it. But the Black Bulb readings at these hours are very different: at 9 A.M. the difference from the shade temperature is approaching its maximum—in June and July, indeed, it is nine-tenths of the greatest difference in the whole day; while at 9 P.M. direct solar influence on the Black Bulb has practically vanished, and it reads about the same as the Shade

Hour.	Shade Temperature.					Excess of Black Bulb above Shade Temperature.						
	Two Years' Means, 1890–91.					Two Years' Means, 1890–91.					June 1891.	
G.M.T.	June.	July.	Aug.	Sept.	Mean.	June.	July.	Aug.	Sept.	Mean.	Three fine days. 10, 11, 12.	Three foggy days. 13, 14, 15.
4 A.M.	38·2	37·3	...	...	...	2·4	0·7	...	...	...	10·0	0·9
5 ,,	38·3	37·2	...	...	...	9·5	4·2	...	...	...	33·9	4·1
6 ,,	38·6	37·4	37·4	39·2	38·1	18·5	11·0	3·8	1·4	8·7	51·9	10·3
7 ,,	38·8	37·7	37·6	39·2	38·3	26·2	16·7	10·0	7·0	14·9	63·0	18·3
8 ,,	39·2	38·2	38·0	39·6	38·8	31·2	22·3	15·8	11·2	20·1	71·5	17·4
9 ,,	39·7	38·7	38·5	40·1	39·2	36·7	27·3	21·0	17·2	25·6	75·9	31·6
10 ,,	40·2	39·2	39·2	40·6	39·8	40·2	27·6	24·0	20·9	28·2	79·3	24·6
11 ,,	40·6	39·7	39·8	41·4	40·4	41·2	30·0	26·2	24·4	30·4	80·3	21·0
Noon	41·1	40·2	40·2	41·8	40·8	38·9	28·9	26·1	22·8	29·2	80·7	22·6
1 P.M.	41·4	40·5	40·5	42·0	41·1	34·8	27·5	25·7	24·0	28·0	80·8	16·6
2 ,,	41·6	40·6	40·6	42·2	41·2	34·8	29·2	22·4	21·8	27·0	79·3	21·6
3 ,,	41·4	41·0	40·8	42·2	41·4	31·8	24·9	18·4	18·8	23·5	75·8	25·7
4 ,,	41·6	40·7	40·4	42·0	41·2	31·4	20·3	15·7	14·0	20·4	70·3	15·5
5 ,,	41·2	40·5	40·1	41·6	40·8	24·0	16·4	10·7	10·6	15·4	61·5	9·7
6 ,,	40·6	40·0	39·8	41·1	40·4	18·0	11·8	7·4	4·3	10·4	50·5	6·7
7 ,,	40·3	39·5	39·3	...	...	12·8	7·2	2·8	...	...	30·8	4·2
8 ,,	39·8	39·0	...	...	...	3·5	2·4	...	...	...	6·2	2·3
9 ,,	39·4	38·7	...	...	...	0·0	0·3	...	...	...	...	...

thermometer. This is, of course, quite in harmony with the indications of the latter—at 9 A.M. solar radiation is in excess, and the air is therefore getting heated; at 9 P.M. terrestrial radiation is in excess, and the air is cooling. In theory, the time of maximum shade temperature should be when solar radiation has passed its maximum, and diminished so far that terrestrial radiation just balances it, and the air is neither heated nor cooled. The table shows that the maximum shade temperature occurs about 3 P.M., at which hour the excess of the Black Bulb is greater than it is at 8 A.M. and less than at 9 A.M. If, therefore, the reading of the Black Bulb at 3 P.M. represents a solar radiation equal to terrestrial, we would expect a similar equality about 8 or 9 A.M. Strictly, if this equality exists, this latter—8 or 9 A.M.—ought to be the time of minimum shade temperature. It is not so, but a glance at the summer temperatures will show that

about 8 A.M. the rise in the diurnal curve becomes well marked. Its minimum is early in the morning, about 5 A.M., but there is no very distinct rise till 8 A.M. Much stress cannot be laid on this point owing to the smallness of the whole shade temperature range and the uncertainty in the value of the Black Bulb scale, as mentioned above, but the comparison of Black Bulb readings of equal intensity at 8 A.M. and 3 P.M. may be trusted so far as to indicate in what direction to look for a more thorough understanding of the shade temperature diurnal curve.

The Number of Gales Observed at the Ben Nevis Observatory. By Angus Rankin.

The accompanying table shows, for the thirteen years, 1884 to 1896 inclusive, the number of hourly observations at which the force of the wind was noted as above 6, on the Ben Nevis scale of 0 to 12. This is equivalent to all cases when the velocity of the wind exceeded fifty miles per hour. The table gives the totals for each hour of the day of the thirteen Januarys, thirteen Februarys, etc., in this period, with at the foot the sum for each hour, which is the total number of cases observed at each hour during the thirteen years. At the right hand of the table is a column giving the monthly totals (the sum of the twenty-four hourly values); the gross total of the whole, amounting to 3405 cases in the thirteen years, gives an average of 262 hours, or about eleven days, per annum.

But this total of 3405 cases is distributed in a very unequal manner throughout the year—the month with the greatest number is January, 640; and the least, July, 48. Gales are at Ben Nevis, as at other places in this country, essentially a winter phenomenon. In the seven months, October to April, there were in these thirteen years 2907 hourly observations of Gales, or a mean of 415 per month; but in the five summer months, May to September, there were only 498 cases, a mean of 100 per month, so that storms were more than four times as frequent in the former as in the latter period.

The 3405 cases of Gales are not distributed uniformly over the hours of the day, but form a distinct diurnal curve, with two well marked maxima and two minima. If equally divided, there would be 142 cases at each of the twenty-four hours of the day; but, as we see from the last line of the table, there are 166 at midnight, and 163 at 9h., these being the two maximum times, and only 138 at 5h., and 109 at 16h., these being the minima, and the numbers at the intermediate hours lie between these values in a fairly smooth and regular proportion; thus the two maxima are of almost equal value, but the afternoon minimum is far more pronounced than the morning one. Most of the Gales tabulated blew from the southern half of the compass; northerly winds on Ben Nevis, though strong, are usually so squally and gusty that their average pressure does not exceed force 6, and the fact that these Gales are mainly from one direction (southerly) may give a clue to explain how in such stormy weather a distinct diurnal period in their frequency is shown. It should also be noted that, when winds of this strength are blowing on Ben Nevis, their direction is substantially the same as the sea-level winds of the neighbourhood; and as this direction is in general between S.W. and E.S.E., the average isobars, both at sea-level and at the height of Ben Nevis, will show a steep barometric gradient down to a centre of low pressure somewhere to

the westward. The hourly variation shown in this table indicates a diurnal pulsation in the intensity of the wind of these cyclonic areas of a complex character, and this during the winter months, for there are too few cases in the summer to seriously affect the annual hourly values, or indeed to give a satisfactory average for any month from May to September.

NUMBER OF GALES (FORCE 6·5 AND ABOVE), 1884 TO 1896 INCLUSIVE.

Hours.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Totals.
Jan. .	35	29	27	30	27	27	32	28	30	26	33	29	25	22	19	21	23	26	21	23	22	26	28	31	640
Feb. .	18	20	17	23	17	22	24	19	24	26	22	18	19	18	18	16	15	16	20	17	23	26	26	25	489
March .	22	18	17	14	14	10	13	14	15	15	13	15	15	11	12	6	7	9	12	15	17	18	17	17	336
April .	15	14	12	13	13	13	14	15	14	13	9	11	14	11	8	10	12	12	8	14	12	13	15	16	301
May .	7	4	5	1	1	4	4	7	6	4	6	6	5	0	2	2	3	6	8	7	9	8	5	5	115
June .	7	6	6	5	5	5	5	6	5	3	5	3	5	3	3	2	1	2	3	3	3	4	5	6	101
July .	3	3	2	2	0	0	0	1	0	1	1	0	1	2	5	3	2	2	2	4	4	3	3	4	48
Aug. .	6	6	3	4	4	4	5	6	6	4	5	3	3	4	5	3	3	6	6	5	7	5	5	8	116
Sept. .	3	4	5	5	5	7	6	4	3	5	5	6	6	6	4	6	5	4	5	5	5	6	4	4	118
Oct. .	8	10	8	7	7	10	8	11	16	7	10	7	7	5	7	6	10	13	13	13	14	12	11	13	233
Nov. .	22	21	25	26	28	23	26	27	26	26	24	20	24	21	18	19	17	22	17	17	21	17	19	20	526
Dec. .	18	18	22	16	17	16	17	19	18	17	17	21	14	13	14	15	12	13	14	11	14	11	18	17	382
13 years.	164	153	149	146	138	141	154	157	163	147	150	139	138	116	115	109	110	131	129	134	151	149	156	166	3405

If the five months with low values, that is May to September, are grouped together the total number of cases is 498, and these show in their distribution over the day a double period of the same nature as that given by the annual totals. In the small table below, the total cases are given : (1) for the five months, May to September, and (2) for the remaining seven months, October to April. Both sets of figures show a diurnal range with double maxima and minima. The highest and lowest hourly values in the summer months are respectively 28 and 14, a ratio of 2 to 1 ; while in the winter months these values are 143 and 93, a ratio of about 3 to 2. Thus the proportional daily range is greater in summer than in winter, indicating that this, like other diurnal meteorological changes, is due to solar action.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Totals.
May to September .	26	23	21	17	15	20	20	24	20	17	22	18	20	15	19	16	14	20	24	24	28	26	22	27	498
October to April . .	138	130	128	129	123	121	134	133	143	130	128	121	118	101	96	93	96	111	105	110	123	123	134	139	2907

Abstract of Paper on Silver Thaw at the Ben Nevis Observatory.
By R. C. Mossman.*

The phenomenon of silver thaw,—that is, rain falling when the temperature is below the freezing-point and congealing when it falls,—is of somewhat common occurrence at the Ben Nevis Observatory. A prolonged fall of silver thaw occasions considerable inconvenience to the observers; the rain freezes on their coats, gloves, and even on their faces, while everything outside becomes covered several inches thick with solid ice. But the most serious effect is the choking of the louvres of the Stevenson screen where the thermometers are, necessitating frequent changing of the screens.

In the six years, 1885-1890 inclusive, 198 cases of silver thaw were observed, lasting in the aggregate 873 hours, or a mean duration of $4\frac{1}{2}$ hours for each case. In December, January, and February the average duration of each case was six hours, whereas during the other months of the year it was not more than three hours. For the latter half of 1890 Mr Aitken's dust-counter was in use at the Observatory, and during these six months the observations show that the number of dust particles is very small when silver thaw occurs.

The subjoined table gives the number of cases of silver thaw in each month, the hours they lasted, and their average duration for the six years, 1885 to 1890 inclusive:—

Month.	Cases.	Hours.	Mean duration. Hours.
January, . .	34	199	5·9
February, . .	28	149	5·3
March, . .	27	93	3·4
April, . .	11	53	4·8
May, . .	11	20	1·8
June, . .	8	27	3·4
July, . .	0	0	0·0
August, . .	3	7	2·3
September, .	4	10	2·5
October, . .	12	38	3·2
November, .	29	96	3·3
December, .	30	181	6·0
Year, . .	198	873	4·4

Three-fourths of the whole cases occur in the five months, November to March; none have been observed in July.

* See *Journal of Scottish Meteorological Society*, vol. ix. p. 115.

An examination of the daily weather charts of the 198 days on which silver thaw occurred, showed that on 137 days the distribution of pressure was cyclonic, and on 61 days anti-cyclonic; but the mean duration of the phenomenon on cyclonic days was only 3·2 hours and on anti-cyclonic 7·6 hours. Also, the longest continued case under cyclonic conditions was 11 hours on 23rd December 1890, but under anti-cyclonic conditions it lasted for 41 consecutive hours on 3rd and 4th January 1889. The distribution of pressure is substantially the same in all cases. There is a cyclone with its centre off the N.W. coast of Norway, and an anti-cyclone to the south of Ben Nevis, with its centre in the British Isles or in Northern France, or even still further to the south. Of the 198 cases only 3 took place in a type of pressure-distribution differing from the above; in them the cyclone was still to the west of Norway, but the anti-cyclone lay over the Gulf of Bothnia. No cases occurred when the barometer was higher to the north than to the south of Ben Nevis, nor when the central part of an anti-cyclone covered Ben Nevis.

The lowest temperature at which silver thaw occurred was 18°. It is of rare occurrence below 27°, and at only 34 out of the 873 hours during which it has been observed was the temperature below 27°. Most of the cases occur just before a thaw.

As might be expected from the distribution of pressure, the winds were mostly westerly. The average velocity of the wind was about 20 miles an hour, and rarely rose to a gale; in fully 90 per cent. of the cases the wind was below 30 miles an hour.

The rainfall, which constitutes the phenomenon, is always heavy, being an average of 0·032 inch per hour in cyclonic cases and 0·019 in anti-cyclonic. The record at Fort-William on the same days shows that this heavy fall is confined to the hill-top; on the average of the year, the rainfall of Ben Nevis is not quite double that of Fort-William, but on these days it was occasionally seventeen times greater.

A comparison of the temperature observations at Fort-William with those on Ben Nevis on the days of silver thaw showed nothing very definite. The least difference was 2°·9 on the 20th December 1886, and the greatest 18°·2 on 14th August 1885, but the average was about 17°, or close to the normal difference of temperature. On the average of the 12 longest continued cases of cyclonic silver thaw, of which the mean duration was 7 hours, the temperature on Ben Nevis began to rise 15 hours before it commenced, continued rising while it lasted, and thereafter fell for six hours, after which it rose again. The barometer fell steadily till the silver thaw began, rose during its continuance and for 9 hours subsequently, when it began to fall again, this latter fall coinciding with a distinct backing of the wind and rise of temperature, indicating the approach of a new depression. In the 12 longest continued anti-cyclonic cases, temperature rose for 18 hours before, continued rising during the silver thaw and for 3 hours after, and then fell steadily. The barometer rose till the thaw began, but fell steadily during and after it.

An examination of the records of Gales kept at all the Scottish lighthouses, shows that 73 per cent. of the cyclonic and 63 per cent. of the anti-cyclonic cases were

followed or preceded by storms on our northern and north-western coasts. It has been shown that silver thaw is not, as a rule, associated with strong winds on Ben Nevis. It therefore would appear that the barometric gradient at the level of Ben Nevis (4407 feet) must differ from that at sea-level under these circumstances. In many cases the gale set in simultaneously with the beginning of the silver thaw on Ben Nevis. It was also evident, from the daily weather charts, that when silver thaw occurred on Ben Nevis while an anti-cyclone lay over England, the weather in the British Isles got steadily worse in the immediate future.

Abstract of Paper on the Diurnal Range of Temperature Variability at the Summit and Base of Ben Nevis, Lady Franklin Bay, and Hong Kong. By R. C. Mossman.*

The average variability of temperature at any place is obtained by taking the difference of temperature at the same hour on successive days, and taking the mean value of this difference irrespective of sign. With a view to ascertaining whether this variability varied with the hour selected for comparison, the hourly temperature records at four places have been examined, and the day to day change of temperature at each hour noted. The places are—the Ben Nevis Observatory, the Fort-William Observatory, the Hong Kong Observatory, and the Arctic Station at Lady Franklin Bay, lat. 81° 44′ N., long. 64° 45′ W. At each place one year's record was taken, which, though too short a time to give a true mean, yet gives a fair approximation towards it. The mean values for each hour of the twelve months at the four stations are given in the accompanying tables, the highest value in each month being put in heavy type and the lowest in italic.

The monthly mean values at the right hand of the tables show that there is little difference between Ben Nevis and Fort-William, except in July and August, when the former is markedly in excess. On the mean of the whole year, this day to day variability of temperature is one-tenth of a degree greater at Ben Nevis than at Fort-William, 3°·8 and 3°·7, notwithstanding that the diurnal range of temperature at the former place is little more than half that at the latter. Hong Kong has the lowest annual variability, 2°·3, and Lady Franklin Bay the highest, 5°·1. At the latter station, which has a day and night of four and a half months' duration, these day to day differences are greater during the nocturnal period than during the long day.

The hourly values at Ben Nevis on the mean of the year are highest from midnight to 9h., and lowest from 11h. to 18h. At Fort-William the same diurnal change occurs, but the difference between the maximum and minimum values is greater. At Fort-William during the summer months, from April to August, a second maximum appears between 14h. and 19h. On the summit of Ben Nevis, however, this second maximum is very small. During these months there is strong insolation in the afternoon hours; ascending currents flow up the sides of the hill, which bring an increased amount of cloud to the summit, and no doubt so exert a conserving influence on the temperature there. On the mean of the year the variability is greater at the summit than at the base of Ben Nevis, except during the five hours ending 6 A.M., but the diurnal range of the variability is greater at the base.

* See *Journal of Scottish Meteorological Society*, vol. x. p. 150.

At Lady Franklin Bay there is virtually no diurnal range of variability on the mean of the year. From February to May there is a morning maximum and afternoon minimum, but this effect is reversed during the other months of the year.

At Hong Kong the diurnal range of Temperature variability is of a comparatively simple and regular character, the values being above the mean of the day from 9h. to 17h. and below the mean during the rest of the day. The maximum occurs at 14h. and the minimum at midnight.

In the foregoing remarks no serious attempt has been made to grapple with difficulties which surround the satisfactory explanation of why the variability should be different at different hours of the day. It is obvious that solar radiation, through the varying altitudes of the sun, is one of the most potent factors; but more material is required than that here discussed.

[TABLES

HOURLY VARIABILITY OF TEMPERATURE AT THE BEN NEVIS OBSERVATORY DURING 1892.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
Jan.	4·8	5·2	5·3	**5·4**	5·2	5·2	5·0	5·0	4·7	4·3	4·3	*4·0*	4·1	4·3	4·7	4·8	4·4	4·4	4·5	4·7	4·6	4·7	4·8	5·1	4·6
Feb.	3·5	3·3	3·7	3·7	3·8	**4·1**	4·0	3·8	4·0	4·0	4·0	4·0	4·0	3·5	3·2	3·1	*3·0*	3·5	3·9	3·2	3·3	3·3	3·1	3·2	3·6
Mar.	4·2	4·3	4·4	4·4	4·5	4·4	4·5	**5·1**	4·6	4·8	4·7	4·6	4·4	4·2	4·2	4·0	3·5	*3·2*	3·4	3·5	3·4	3·7	4·0	4·1	4·2
Apr.	3·8	3·4	3·4	3·6	3·5	3·6	3·4	3·5	3·5	3·3	*3·2*	*3·2*	3·3	*3·2*	3·3	3·5	3·7	3·8	3·7	3·6	4·0	**4·1**	3·5	3·4	3·5
May	**4·2**	3·8	4·0	4·0	4·0	4·0	4·0	3·9	3·9	3·9	3·4	3·7	3·3	3·7	3·7	*3·2*	3·6	3·7	3·8	3·8	*3·2*	3·7	3·8	4·1	3·8
June	3·6	3·4	3·1	3·1	3·1	*2·9*	3·1	3·6	3·6	3·7	3·9	3·9	3·8	**4·3**	3·9	4·1	3·7	3·7	3·8	3·7	3·8	4·0	4·0	3·7	3·6
July	3·3	*3·2*	3·4	3·8	4·0	3·7	4·1	**4·2**	3·9	3·9	3·6	3·4	3·4	3·7	3·7	3·9	3·9	4·0	**4·2**	4·0	3·4	3·6	3·5	3·5	3·7
Aug.	**3·8**	3·7	**3·8**	**3·8**	3·7	3·5	3·2	3·3	3·2	3·1	2·9	3·1	*2·7*	*2·7*	*2·7*	3·0	3·0	3·1	3·5	3·5	3·6	3·7	3·7	3·7	3·3
Sept.	**4·9**	4·7	4·8	4·6	4·5	4·4	4·1	4·0	4·0	4·1	*3·7*	3·9	3·9	4·0	4·0	3·9	3·9	3·9	4·3	4·2	4·8	4·0	4·1	4·4	4·3
Oct.	3·2	3·2	3·4	3·5	3·5	**3·6**	3·4	3·4	3·0	2·9	2·9	*2·6*	*2·6*	2·7	2·8	2·9	3·0	3·0	2·9	2·9	2·7	2·8	2·9	3·0	3·0
Nov.	4·3	4·2	4·2	4·0	4·0	4·0	3·9	4·0	4·1	4·0	3·6	*3·5*	*3·5*	*3·5*	3·7	3·9	4·2	4·3	4·4	4·5	**4·7**	4·4	4·3	4·3	4·1
Dec.	3·9	3·8	3·9	3·9	3·9	*3·7*	4·0	4·2	4·2	4·2	4·3	**4·7**	4·3	4·2	4·1	4·1	4·1	4·2	4·4	4·5	4·3	4·2	4·2	4·1	4·1
Year	3·9	3·8	3·9	**4·0**	**4·0**	3·9	3·9	**4·0**	3·9	3·8	3·7	3·7	*3·6*	3·7	3·7	3·7	3·7	3·7	3·9	3·8	3·8	3·8	3·8	3·9	3·8

FORT-WILLIAM, 1892.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
Jan.	4·0	3·8	4·1	4·2	4·5	5·3	5·6	**5·8**	5·5	5·6	5·3	4·8	4·0	4·1	3·7	3·8	4·0	3·9	*3·2*	3·4	3·8	3·7	3·7	4·0	4·2
Feb.	3·8	4·1	4·3	**4·7**	4·6	4·3	4·0	4·0	3·6	3·4	3·1	3·0	2·9	*2·4*	*2·4*	3·0	2·6	3·0	2·9	3·5	3·6	3·8	3·6	3·7	3·5
Mar.	4·9	4·9	**5·2**	4·9	5·0	4·8	4·7	4·4	4·0	3·9	3·2	3·2	3·4	3·4	3·8	3·6	3·4	*3·1*	3·2	3·3	3·3	3·9	4·2	4·5	4·0
April	3·5	3·8	3·7	4·1	**4·3**	4·0	3·6	3·3	2·8	3·3	3·0	3·3	3·2	3·8	3·9	4·1	3·8	3·9	3·4	*2·5*	2·8	2·9	3·2	3·5	3·6
May	4·0	4·1	4·2	4·3	**4·9**	4·4	3·0	*2·4*	2·5	3·0	3·5	3·5	3·7	4·0	4·2	3·9	4·1	4·3	3·5	3·0	3·0	3·1	3·6	3·7	3·7
June	3·8	4·0	4·0	4·0	3·6	2·8	*2·7*	2·9	3·0	3·5	3·6	3·6	3·4	3·7	3·2	4·0	**4·4**	**4·4**	3·7	2·9	2·8	2·9	3·2	3·7	3·5
July	2·6	2·5	2·9	3·0	3·2	2·9	2·2	2·4	2·2	2·5	2·1	2·5	2·9	3·3	3·9	4·0	**4·2**	4·0	3·8	2·5	2·2	*2·0*	*2·0*	2·2	2·8
Aug.	2·8	2·9	2·9	3·0	2·8	2·8	2·4	2·2	2·0	2·1	2·4	2·4	2·7	3·1	**3·4**	3·0	2·7	2·7	*1·9*	2·0	*1·9*	2·1	2·7	2·8	2·6
Sept.	3·6	**4·0**	3·6	3·3	3·4	3·6	3·6	3·2	2·5	2·3	*2·1*	2·6	2·4	2·6	2·8	2·9	2·6	2·6	3·3	3·0	**4·0**	**4·0**	3·9	3·8	3·2
Oct.	3·2	3·4	3·4	3·7	4·0	3·9	4·2	**4·4**	4·0	3·7	3·5	3·1	2·7	2·7	*2·6*	2·7	2·7	3·0	3·1	3·0	2·8	3·1	3·2	3·3	3·3
Nov.	5·1	5·1	5·0	5·2	5·1	5·0	4·6	4·6	4·1	4·3	3·7	3·3	3·3	*3·0*	*3·0*	3·4	3·8	3·9	4·1	4·6	**5·4**	5·2	4·9	5·2	4·4
Dec.	4·5	4·6	4·8	**5·3**	4·6	4·7	4·7	4·4	4·8	5·0	4·6	4·2	3·8	3·7	*3·6*	3·9	4·0	**4·0**	3·9	4·0	4·2	4·4	4·8	4·8	4·4
Year	3·8	3·9	4·0	**4·2**	**4·2**	4·0	3·8	3·7	3·4	3·5	3·3	3·3	3·2	3·3	3·4	3·5	3·5	3·6	3·3	*3·1*	3·3	3·4	3·6	3·8	3·7

HOURLY VARIABILITY OF TEMPERATURE—*continued.*

HONG KONG, 1893.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
Jan. .	2·7	2·8	2·6	2·6	2·7	2·7	2·8	3·3	3·9	4·2	4·1	4·0	3·9	3·9	3·8	3·6	3·4	3·2	3·1	2·8	2·7	2·9	2·8	2·8	3·2
Feb. .	2·2	2·2	2·2	2·3	2·4	2·2	2·1	1·9	2·1	2·4	2·5	2·4	2·6	3·0	2·7	2·6	2·2	2·0	1·9	2·0	2·0	1·8	2·0	1·9	2·4
Mar. .	2·7	2·6	2·6	2·7	2·8	2·7	2·9	3·3	3·9	4·0	4·0	4·6	4·4	4·4	4·3	4·2	3·7	3·3	2·6	2·8	2·7	2·8	2·9	2·6	3·3
April .	2·4	2·3	2·2	2·2	2·3	2·4	2·5	2·5	2·6	2·9	3·4	3·7	3·5	3·2	3·4	3·4	3·1	2·7	2 4	2·4	2·3	2·4	2·2	2·4	2·7
May .	1·6	1·6	1·6	1·5	1·6	1·6	1·6	2·1	2·2	2·3	2·7	3·3	3·2	2·9	2·7	2·4	2·1	1·7	1·8	1·5	1·8	1·9	1·8	1·8	2·0
June .	0·6	0·8	0·9	1·2	1·2	1·5	1·4	1·7	1·8	1·7	2·3	2·8	2·2	2·4	2·5	1·7	1·7	1·6	1·0	1·0	0·8	0·8	0·7	0·7	1·4
July .	1·4	1·3	1·6	1·5	1·8	1·9	2·0	2·4	2·9	3·1	3·1	4·0	4·1	4·0	3·5	3·5	2·9	2·2	2·1	1·8	1·8	1·8	1·6	1·5	2·4
Aug. .	1·6	1·4	1·5	1·3	1·4	1·5	2·0	2·6	2·6	2·6	2·8	2·2	2·2	3·0	1·9	1·9	1·9	1·8	1·5	1·4	1·2	1·3	1·2	1·2	1·8
Sept. .	1·9	2·0	2·0	2·0	1·9	1·9	2·4	2·8	3·1	3·8	3·4	3·4	3·7	4·0	3·4	2·6	2·9	2·0	1·8	1·8	1·8	1·7	1·8	1·6	2·5
Oct. .	1·9	1·7	1·8	1·9	1·8	1·8	1·6	2·1	2·1	2·1	2·2	1·9	2·1	2·0	1·9	1·5	1·1	1·3	1·3	1·5	1·8	1·9	2·0	2·0	1·8
Nov. .	1·4	1·5	1·4	1·5	1·6	1·5	1·6	1·6	1·7	1·8	1·8	2·1	2·2	2·0	1·8	2·0	1·6	1·5	1·1	1·3	1·3	1·4	1·3	1·4	1·6
Dec. .	2·0	2·3	2·4	2·7	2·8	2·7	2·7	2·1	2·4	2·7	3·0	3·1	3·3	3·4	3·5	2·8	2·5	1·9	2·1	2·0	2·3	2·1	2·1	2·1	2·6
Year .	1·9	1·9	1·9	2·0	2·0	2·0	2·1	2·4	2·6	2·8	2·9	3·1	3·1	3·2	3·0	2·7	2·4	2·1	1·9	1·9	1·9	1·9	1·9	1·8	2·3

LADY FRANKLIN BAY, 1882.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.
Jan. .	7·2	7·0	7·2	6·3	6·6	6·4	6·3	6·3	5·7	5·8	6·8	7·6	8·4	7·5	8·2	7·6	6·8	7·4	7·5	7·0	7·2	6·6	6·8	7·2	7·0
Feb. .	5·6	6·0	7·0	7·1	6·8	6·6	6·2	6·7	6·5	6·7	6·8	7·6	6·3	7·0	6·4	7·5	6·6	6·1	5·9	5·6	5·1	5·3	5·6	5·4	6·4
Mar. .	7·7	7·7	8·0	8·1	8·1	8·4	7·8	8·7	8·0	7·2	6·8	6·5	6·4	6·4	5·7	6·1	6·0	6·9	5·8	7·3	6·6	6·8	7·0	7·6	7·2
April .	9·1	9·3	9·3	7·8	8·6	9·2	8·0	7·4	8·0	7·6	7·1	6·6	6·5	6·4	5·8	5·2	5·0	4·9	5·3	5·4	6·6	7·0	6·6	7·8	7·5
May .	4·4	4·4	4·8	4·4	4·8	4·9	4·9	4·7	4·6	4·4	4·8	4·4	4·1	4·2	4·1	4·1	3·8	3·4	3·7	3·9	3·6	4·0	4·2	4·5	4·3
June .	3·0	2·8	2·8	2·9	3·1	3·3	3·0	3·2	2·7	2·3	2·9	3·0	3·3	3·4	3·2	2·8	3·0	3·0	2·4	2·2	2·7	3·1	2·9	3·0	2·9
July .	2·1	2·2	2·0	2·1	2·2	2·0	2·6	2·3	3·0	2·9	3·3	3·3	2·8	2·8	2·9	2·9	2·8	2·7	2·7	2·5	2·5	2·4	2·3	2·2	2·6
Aug. .	2·2	2·2	2·2	2·4	2·7	2·7	2·7	2·6	3·2	2·7	3·6	3·1	2·8	2·2	2·0	2·6	2·7	2·4	2·4	2·1	2·4	2·6	2·4	2·2	2·5
Sept. .	4·4	4·3	4·4	4·2	4·2	4·4	4·0	3·6	3·7	3·5	3·3	3·4	3·2	3·2	3·4	3·7	3·3	3·7	4·2	4·5	4·6	4·5	4·5	4·7	4·0
Oct. .	4·3	4·3	4·4	4·2	4·1	3·7	3·6	3·6	3·7	3·8	4·1	4·0	4·9	5·6	5·9	5·9	6·0	5·7	5·5	5·4	5·0	4·8	5·7	4·9	4·7
Nov. .	5·0	5·2	5·7	5·4	5·6	6·0	5·3	5·1	5·2	4·5	4·2	5·1	5·4	5·1	5·2	6·0	5·0	5·6	6·1	5·3	5·2	5·5	5·9	5·2	5·3
Dec. .	5·9	6·0	6·0	6·5	6·8	7·5	7·3	6·6	6·8	7·0	7·2	6·6	6·7	7·6	8·0	7·7	6·9	7·3	8·0	7·5	7·0	7·3	5·8	6·8	7·0
Year .	5·1	5·1	5·3	5·1	5·3	5·4	5·1	5·1	5·1	4·9	5·1	5·1	5·1	5·1	5·1	5·1	4·8	4·9	5·0	4·9	4·9	5·0	5·0	5·1	5·1

Abstract of Paper on the Frost of 1895 *in Scotland.* By R. C. Mossman.*

This great frost commenced on 28th December 1894 and terminated in its intense form on 20th February 1895, thus lasting 54 days. The greatest cold occurred from the 6th to the 20th of February. During this latter period pressure was higher in the north than in the south of Scotland, and the winds were consequently easterly or north-easterly, but light in force. Taking the two months, January and February, together, the mean temperature was more than 10° below the average at many inland places, but on the west coast it was only about 5° lower than usual. There are records of temperature in the north-east of Scotland, at either Inverness, Gordon Castle or Aberdeen for the last 132 years,† and in all this time there was no winter with two such cold months as January and February 1895 at these places. The absolute minima were also lower than any previously recorded there. They are as follows :—

Inverness, ...	. 5°·0 on 7th February 1895
Gordon Castle, ...	. 1°·0 on 17th ,, ,,
Aberdeen, ...	. 5°·7 on 7th ,, ,,

Minimum readings below zero were recorded at 16 places in Scotland during these two months, the greatest number of cases being 14 at Braemar, 10 at Kingussie, and 8 at Drumlanrig. The lowest temperature on Ben Nevis was 1°·8 on 7th February, but the absolute minimum for Scotland was – 17° at Braemar on the 11th.

The fifteen days, from the 6th to the 20th February inclusive, were the coldest that have been known since meteorological records began to be kept in Scotland. The greatest intensity of the cold was confined to inland valleys. At Braemar for these fifteen days the temperature was 21°·0 below the average for February there; at Kingussie and Stobo 19°·8, and at Glenlee 19°·6. On the other hand it was only 7°·1 below the mean at Kilmuir in Skye, 7°·9 at Deerness in Orkney, and 6°·8 on Ben Nevis.

During the period of lowest temperature, the wind on Ben Nevis was E.S.E., and its velocity 21 to 77 miles per hour, the higher velocities occurring on the evening of the 6th, with the thermometer ranging from 2°·2 to 3°·3, and the air saturated. From the 14th to the 20th of February, that is during the second half of the fifteen days of arctic weather, the temperature readings at Ben Nevis and Fort-William Observatories are of much interest. At midnight on the 14th the summit was no less than 26°·6 colder than Fort-William, almost the greatest difference ever observed; but from the 17th to the 20th, the summit was frequently warmer than Fort-William, the greatest

* See *Journal of Scottish Meteorological Society*, vol. x. p. 163.

† See *ibid*, vol. ix. p. 224.

excess being 17°·6 at 9 A.M. on the 19th; and this is the largest amount by which the temperature on Ben Nevis has been higher than that at Fort-William since the Observatories were opened. On these four days (17th to 20th February) an anti-cyclone lay directly over the British Islands, while cyclonic disturbances were located in the south-west of Spain and the north-east of Scandinavia and Finland. Ben Nevis was evidently in the anti-cyclonic down-draft of air warmed dynamically in its descent from a great height. The air was very dry on the summit during most of these days. The following tables give the relations of temperature and some other data for Ben Nevis Observatory:—

DIFFERENCE OF TEMPERATURE BETWEEN SUMMIT AND BASE OF BEN NEVIS AT EACH HOUR OF THE DAY.

Heavy type signifies that the summit had the higher temperature, italic type the reverse.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.
1895 February 14 .	*23·2*	*23·8*	*23·0*	*22·6*	*22·2*	*21·5*	*22·0*	*22·0*	*22·4*	*22·2*	*22·6*	*23·5*	*24·0*	*25·2*	*25·4*	*26·0*	*25·2*	*25·5*	*25·7*	*25·1*	*25·1*	*25·6*	*24·9*	*26·6*
,, 15 .	*20·9*	*20·6*	*20·8*	*19·3*	*15·2*	*19·4*	*20·1*	*20·3*	*20·4*	*20·3*	*21·0*	*21·3*	*22·0*	*21·2*	*21·4*	*21·8*	*20·9*	*21·1*	*20·9*	*20·2*	*19·8*	*21·0*	*21·1*	*23·1*
,, 16 .	*21·8*	*20·9*	*17·9*	*15·9*	*15·0*	*13·5*	*12·4*	*13·4*	*14·2*	*16·2*	*15·7*	*18·1*	*20·6*	*19·4*	*19·5*	*18·6*	*17·0*	*12·5*	*9·9*	*6·9*	*6·9*	*5·4*	*5·3*	*3·1*
,, 17 .	*1·9*	1·2	*0·5*	1·8	2·8	3·5	4·2	3·3	3·9	2·8	*0·4*	*2·2*	*5·4*	*5·8*	*8·8*	*8·9*	*6·5*	*2·6*	*0·2*	0·7	3·8	5·0	6·1	8·3
,, 18 .	9·7	11·2	12·0	12·0	13·8	14·0	13·5	12·4	14·8	15·4	11·0	5·7	1·7	0·9	*2·6*	*4·9*	*3·0*	0·8	4·5	6·6	9·9	11·4	13·1	10·5
,, 19 .	10·2	10·9	12·1	15·7	14·0	13·0	13·4	15·2	17·6	16·0	11·8	10·0	4·4	5·6	0·1	*1·8*	*0·7*	0·8	3·7	6·9	8·1	10·3	11·5	12·5
,, 20 .	12·4	14·0	14·2	14·1	14·6	13·3	12·7	13·7	14·9	9·9	3·0	*3·6*	*7·2*	*9·9*	*12·4*	*11·3*	*11·0*	*9·5*	*8·9*	*8·3*	*7·0*	*6·3*	*5·7*	*6·2*

BEN NEVIS OBSERVATORY. MEAN DAILY VALUES.

	Barometer at 32°.	Temperature.	Relative Humidity.	Wind Direction.	Wind Velocity. Miles per hour.	Visibility (0 to 5).
	inches.	°	%			
1895 February 14 .	25·459	10·2	98	S.E.	45	0·5
,, 15 .	·659	12·6	100	E.S.E.	46	1·2
,, 16 .	·856	20·2	67	S.E.	38	3·5
,, 17 .	·841	27·6	25	S.E.	28	4·1
,, 18 .	·727	31·2	22	S.E.	13	4·0
,, 19 .	·705	32·1	24	N.	5	4·0
,, 20 .	·709	27·1	68	N.	13	1·7

A comparison of the temperatures during the 15 days ending 20th February 1895 with those of the Christmas week of 1860 * for 21 stations scattered over Scotland, shows that, except in the valleys of the Forth and Clyde, the frost recently experienced was more severe as well as more prolonged than that of 1860. The low temperatures of these two districts in 1860 were accompanied by thick radiation fogs, but during the late period fog was almost absent, except in the larger towns; the little that did occur was mostly on the eastern side of the country.

* See Dr BUCHAN's Paper in the "Report of the Meteorological Society of Scotland" for quarter ending 31st December 1860.

Abstract of Paper on Further Results of Mr Wragge's Ben Nevis Observations, taken in the year 1882. By R. C. MOSSMAN.*

The more prominent results of Mr WRAGGE's work were discussed by Dr BUCHAN in a paper on the "Meteorology of Ben Nevis," published in the *Journal of the Scottish Meteorological Society* (vol. vii. p. 4). The humidities at the intermediate stations on the hill-side have not, however, as yet been discussed. One reason for this was that, until Dr HERBERTSON and Mr H. N. DICKSON carried out their researches on hygrometry at Ben Nevis Observatory, it was not known how far GLAISHER's tables could be regarded as reliable at high-level stations. Their experiments, however, showed that for temperatures above 40°, GLAISHER's factors could be used except when the air was excessively dry. As Mr WRAGGE's observations were taken between June and October, when the temperature was relatively high and the air nearly saturated, GLAISHER's tables have been employed to compute the humidity and vapour pressure from the dry and wet bulb readings.

The following are the heights of the stations and the hours at which observations were taken by Mr WRAGGE or his assistants when ascending and descending Ben Nevis :—

Station.	Height.	Hours of Observation.	
	feet.	h. m.	h. m.
Peat Moss, . . .	40	5.30	14.30
The Boulder, . . .	840	6.15	13.45
The Lake, ...	1840	7. 0	13.0
Brown's Well, . . .	2200	7.30	12.30
Red Burn, . . .	2700	7.55	Noon.
Buchan's Well, . . .	3575	8.30	11.30
Ben Nevis Summit, . .	4406	9.0—9.30	10.0—10.30—11.0

Simultaneously with these observations on the mountain, similar observations were taken at Fort-William, with additional ones at 5h. 0m., 15h. 0m., 18h. 0m., and 21h. 0m. The total number of observations made at Fort-William was 3213, and at the hill stations 2601. From each of these readings the relative humidity and vapour pressure were computed, and the average values tabulated for each station. The mean relative humidity, as is to be expected, increases with height, the only exception being at "The Boulder," 840 feet, where at the morning reading at 6h. 15m. the humidity was 2 per cent. below that at Fort-William at the same hour. The relative dryness at this height is probably due to the occurrence of low-lying radiation fogs. The diurnal range of humidity at Fort-William is well marked, the minimum being at about

* See *Journal of Scottish Meteorological Society*, vol. xi. p. 284.

14h. 30m., the time of highest temperature. Little can be said about the diurnal curve at the hill stations except that the amplitude diminishes with height, and becomes very small above 3500 feet.

One very interesting feature was noted, viz., that whenever a warm current on the mountain was suddenly superseded by a cold one, the air at Fort-William at once became drier, the fall in humidity there during the nine cases observed ranging from 8 to 18 per cent., and most of these changes took place in half an hour. One typical case may be cited, that on 3rd September 1882. In the early morning the air below was all but saturated; and when ascending the mountain, the fall of temperature, with height, was found to be less than usual up to about 2700 feet. At 8h. 30m., however, a cold current of air set in at 3500 feet, and the air below became suddenly dry, though the atmosphere in contact with the mountain continued in a nearly saturated condition. The dry air had little vertical height, for at "The Boulder," 840 feet, the humidity at 13h. 45m. was 14 per cent. greater than at Fort-William, instead of the normal difference of less than 1 per cent. at that hour. On that day the weather charts show that a low pressure area lay over the North Sea with its centre 600 miles N.E. of Ben Nevis, and an anti-cyclone in the Atlantic, central 1300 miles to the S.W. of Ben Nevis.

Both the ascending and descending series of observations show on the mean a decrease of vapour pressure with height at all stations, except the Peat Moss, at 2.30 P.M. in June. The differences at each station from Fort-William are given in the table below, along with the rate of decrease of vapour as computed from these differences. It will be seen that the average rate of decrease is substantially ·003 inch for each 100 feet at all the stations.

DIFFERENCES OF VAPOUR PRESSURE AT BEN NEVIS AND AT SIX INTERMEDIATE STATIONS FROM FORT-WILLIAM IN 1882.

Stations.	Height.	Hour.	Difference from Fort-William.						Decrease of Vapour Pressure for each 100 Feet of Ascent.					
			June.	July.	Aug.	Sept.	Oct.	Mean.	June.	July.	Aug.	Sept.	Oct.	Mean.
	Feet.		Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.
Peat Moss .	40	5·30	– ·001	– ·021	– ·012	– ·017	– ·012	– ·013	...	...	...	...	...	...
Boulder . .	840	6·15	– ·022	– ·044	– ·041	– ·033	– ·027	– ·033	·0026	·0052	·0049	·0032	·0031	·0039
The Lake .	1840	7·0	– ·039	– ·057	– ·051	– ·048	– ·034	– ·046	·0021	·0031	·0029	·0028	·0019	·0026
Brown's Well	2200	7·30	– ·070	– ·083	– ·085	– ·069	– ·050	– ·072	·0032	·0038	·0039	·0031	·0023	·0032
Red Burn .	2700	7·55	– ·084	– ·107	– ·095	– ·089	– ·069	– ·089	·0031	·0040	·0035	·0033	·0026	·0033
Buchan's Well	3575	8·30	– ·109	– ·126	– ·124	– ·110	– ·084	– ·110	·0030	·0035	·0035	·0030	·0023	·0031
Ben Nevis .	4406	9·0	– ·117	– ·143	– ·137	– ·122	– ·099	– ·123	·0027	·0032	·0031	·0028	·0023	·0028
,,	,,	9·30	– ·121	– ·141	– ·131	– ·126	– ·099	– ·124	·0028	·0032	·0030	·0029	·0023	·0028
,,	,,	10·0	– ·115	– ·139	– ·131	– ·126	– ·100	– ·122	·0026	·0032	·0030	·0029	·0023	·0028
,,	,,	10·30	– ·118	– ·143	– ·136	– ·126	– ·102	– ·125	·0027	·0032	·0031	0029	·0023	·0028
,,	,,	11·0	– ·115	– ·135	– ·122	– ·119	– ·099	– ·118	·0026	·0031	·0028	0027	·0023	·0027
Buchan's Well	3575	11·30	– ·101	– ·121	– ·110	– ·105	– ·085	– ·104	·0021	·0034	·0031	·0029	·0024	·0029
Red Burn .	2700	Noon	– ·061	– ·092	– ·088	– ·076	– ·069	– ·077	·0023	·0034	·0033	·0028	·0026	·0029
Brown's Well	2200	12·30	– ·050	– ·069	– ·061	– ·066	– ·058	– ·061	·0023	·0031	·0028	·0030	·0026	·0028
The Lake .	1840	13·0	– ·050	– ·060	– 050	– ·052	– ·042	– ·057	·0027	·0033	·0027	·0028	·0023	·0028
Boulder .	840	13·45	– ·010	– 051	– ·038	– ·023	– ·025	– ·030	·0012	·0063	·0045	·0027	·0030	·0036
Peat Moss .	40	14·30	+ ·014	017	– ·008	– ·010	– ·013	– ·007	...	...	...	...	...	...

Abstract of Paper on a Comparison of Observations at the Observatory and at the Public School, Fort-William. By R. T. OMOND.*

When the Observatory on the summit of Ben Nevis was opened in 1883, arrangements were made with Mr COLIN LIVINGSTON, of the Public School, Fort-William, whereby observations were made five times a day at the Schoolhouse for comparison with those on Ben Nevis. These observations, from December 1883 to December 1887, were published in vol. xxxiv. of the *Transactions* R.S.E., along with the Ben Nevis records; and three years more, up to December 1890, are given in this volume (see Introduction, p. 7). The Fort-William Observatory was opened in August 1890, but Mr LIVINGSTON kindly continued his observations till the end of 1891, so as to allow of a comparison between these two stations, which was the more desirable as Mr LIVINGSTON'S observations had been used for the original determinations of the differences of pressure and temperature between Ben Nevis and sea-level, and any discrepancy between the observations made at the Schoolhouse and at the Observatory would necessitate a readjustment of these constants.

The Observatory and Schoolhouse both stand facing the sea, with only a strip of garden and the public road between them and the beach. They are distant from each other about 150 yards; the cistern of the barometer at the Observatory is 42 feet, and at the Schoolhouse 33 feet above sea-level by Ordnance datum. There are two sets of thermometers at the Observatory: the photographic thermograph in a large louvred screen on the north wall of the building, and ordinary thermometers in a Stevenson screen 12 yards from the nearest part of the building (see Introduction, p. 6). At the Schoolhouse the thermometers were in a Stevenson screen on a grass plot at the back of the house. Along the back of the grounds of both places runs a bank about 20 feet high, above which the ground slopes upward into high moorland. The Observatory thermometers and rain-gauges are fully 50 yards out from this bank, but at the Schoolhouse they were nearer,—only some 5 yards from the beginning of the rise. In the comparisons made in this paper the thermometers and barometers have been corrected for instrumental error, and the latter reduced to 32° and sea-level. A table is given showing the differences of the monthly averages from August 1890 to December 1891 (see p. 540).

TEMPERATURE.—In the first part of the table the differences of the dry and wet bulb temperatures and of the maximum and minimum are given. It will be seen that the maximum is higher and the minimum lower throughout the year at the School-

* See *Journal of Scottish Meteorological Society*, vol. x. p. 49.

house than in the Observatory thermograph screen, while the mean of the two, $\frac{\text{Max.} + \text{Min.}}{2}$, is higher in summer and lower in winter. Also the dry bulb temperatures at the Schoolhouse are higher than at the Observatory during the day and lower in the morning and evening. Thus both the daily and yearly range of temperature is slightly the greater at the Schoolhouse, a consequence of the more confined situation of the thermometers there, and of the fact that the thermograph screen at the Observatory is against a wall. Comparing the maximum and minimum temperatures in the Stevenson screen at the Observatory with those at the Schoolhouse, we get the following differences on the average of the months of 1891:—

Difference of Schoolhouse Stevenson from Observatory Stevenson Screen in 1891.

Schoolhouse higher in heavy type: Schoolhouse lower in italic type.

	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
Max. . .	*·5*	*·1*	**·1**	**·7**	**1·2**	**2·2**	**1·4**	**1·1**	**·8**	*·8*	*·4*	*·4*	**·4**
Min. . .	**·5**	*·1*	**·4**	*·8*	*·2*	*1·0*	*·8*	*·6*	*·0*	*·4*	*·1*	*·9*	*·3*
Max. + Min. / 2	*·0*	*·1*	**·2**	*·0*	**·5**	**·6**	**·3**	**·2**	**·4**	*·6*	*·2*	*·6*	**·1**

thus showing that the differences in the large table are partly at least due to the situation of the thermometers at the Observatory and Schoolhouse, and not merely to the different patterns of screen employed.

Summary for the year 1891.

Difference of Schoolhouse maximum from Observatory thermograph maximum, . . .	+1°·3
„ „ minimum „ „ minimum, . . .	−1°·3
„ „ maximum from Observatory Stevenson maximum, . . .	+0°·4
„ „ minimum „ „ minimum, . . .	−0°·3

Barometer.—In the table the average difference for each month of the Schoolhouse barometer from the Observatory barograph is given in thousandths of an inch, for each of the five hours at which readings were taken at the Schoolhouse. A general mean for each month and for each hour of the year 1891 appears at the side and foot of the table. On the average of the whole seventeen months, the Schoolhouse is 0·0069 inch below the Observatory. In August 1892 the Schoolhouse barometer was hung alongside of the Observatory standard for four days, and a series of comparison readings taken by the Observatory staff. On the mean of these readings the Schoolhouse barometer was 0·0068 inch below the Observatory one. This difference of practically 0·007 inch between the barometers is due to a difference of the instrumental corrections of the two instruments.

Rainfall.—The gauge used at the Observatory is a self-recording Beckley (see

Introduction, p. 7). That at the Schoolhouse is an ordinary gauge of 5 inches diameter, with rim 1 foot above ground. It will be seen from the table that, as a rule, the Schoolhouse rainfall is the greater, the total excess being 6·751 inches in the seventeen months. During this time the total fall registered at the Observatory was 117·106 inches, thus giving an excess to the Schoolhouse of 5·8 per cent. But a comparison of the Beckley gauge with another standing beside it of similar pattern to that used at the Schoolhouse, showed that the latter registered 1·2 per cent. less than the Beckley. Therefore the true excess of the Schoolhouse for similar gauges is only 4·6 per cent. This seems to be due to the situation of the gauges. One of the Observatory gauges was placed for over three months at the back of the house, near the steep bank described above; it there showed an increase of 3·3 per cent. over a similar gauge beside the Beckley at the front of the Observatory, or fully two-thirds of the excess at the Schoolhouse. The bank not being so steep behind the Observatory as at the Schoolhouse, it seems probable that the 4·6 per cent. of excess at the latter place is wholly due to the more confined situation and to this abrupt rise of the ground close to, and for most of the rain-bringing winds to leeward of, the gauge.

Summary.

Excess of Schoolhouse gauge over Beckley gauge at Observatory, ...	5·8 per cent.
Part excess due to difference of pattern of gauges, ...	1·2 „
True excess of Schoolhouse over Observatory, ...	4·6 „
Excess at back of Observatory over front of ditto, ...	3·3 „

Amount of Cloud.—The proportion of sky covered with cloud on the 0 to 10 scale was estimated at both places at 9, 14 and 21 o'clock, and the differences of the monthly averages are given in the table. On the mean the Schoolhouse estimates are 0·4, or 4 per cent. below those of the Observatory.

DIFFERENCE OF THE SCHOOLHOUSE FROM THE OBSERVATORY, FORT-WILLIAM.

Schoolhouse higher in heavy type: Schoolhouse lower in italic type.

Hours.	Temperature.													Barometer reduced to 32° and sea-level in thousandths of an inch.						Rain-fall.	Amount of cloud 0—10.		
	8		9		14		18		21														
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Max + Min / 2	8	9	14	18	21	Mean.		9	14	21
1890																				Inches.			
August .	·7	·1	·2	·3	·7	·4	·6	·0	1·3	·3	1·9	1·5	·2	4	5	4	2	6	4·2	0·127	0·3	0·2	0·3
September .	1·2	·4	·4	·1	·7	·2	1·0	·3	1·2	·4	1·5	1·1	·2	2	2	2	4	6	3·2	·307	·2	·3	·0
October .	·9	·2	·9	·2	·3	·5	·8	·4	·9	·2	·4	1·7	·6	3	1	4	7	7	4·4	·703	·6	·5	·2
November .	·8	·3	·9	·5	·0	·2	·7	·3	·8	·4	·3	1·5	·6	6	5	7	14	1	6·6	·624	·5	·3	·2
December .	·8	·4	·8	·4	·3	·1	·4	·2	·6	·3	·7	1·6	·4	3	2	3	11	4	3·8	·449	·6	·6	·5
1891																							
January .	·6	·2	·7	·3	·4	·1	·5	·3	·8	·0	·2	1·0	·4	5	4	2	4	3	3·6	1·742	·6	1·0	·7
February .	·7	·1	·6	·1	·5	·5	·5	·0	·4	·0	·7	1·1	·2	11	11	8	13	12	11·0	1·832	·5	0·0	·4
March .	·7	·6	·8	·7	·8	·8	·3	·2	·6	·1	1·4	·9	·2	6	8	8	8	12	8·4	0·785	·2	·5	·0
April . .	·6	·3	·2	·3	1·1	·6	·1	·0	·9	·7	1·8	1·6	·1	8	9	10	10	13	10·0	·367	·7	·4	·2
May . .	·3	·1	·2	·3	1·0	1·0	·0	·2	1·0	·2	1·6	1·6	·0	2	4	5	3	7	4·2	·420	·7	·6	·5
June . .	·3	·2	·2	·3	1·5	1·3	·2	·0	1·2	·1	2·9	1·9	·5	1	0	1	3	2	0·2	·447	·8	·9	1·0
July . .	·3	·2	·0	·2	1·1	·8	·3	·2	1·1	·3	1·5	1·5	·0	5	9	10	10	11	9·0	·075	·0	·2	0·5
August	·5	·2	·5	·5	·5	·6	·5	·1	1·1	·2	1·8	1·3	·2	2	4	3	3	15	5·4	·612	·6	·5	1·5
September .	·8	·1	·5	·0	·9	·8	·6	·1	·9	·2	1·8	1·0	·4	6	10	9	11	12	9·6	1·538	·0	·2	0·0
October .	1·0	·1	·7	·1	1·0	·8	·7	·1	·9	·2	1·3	1·4	·0	6	5	13	13	17	10·8	0·881	·4	·6	·2
November .	·8	·2	·7	·2	·1	·3	·6	·4	·6	·3	·5	1·3	·4	13	11	13	16	18	14·2	·403	·3	·1	·3
December .	·6	·2	·7	·3	·4	·0	·3	·2	·5	·1	·2	1·5	·6	9	9	8	7	8	8·2	·003	·6	·3	·0
Mean 1891 .	·6	·1	·4	·0	·6	·6	·4	·0	·8	·2	1·3	1·3	·0	6·0	7·0	7·5	8·4	10·5	7·9	...	...	...	...
														From August 1890 to December 1891.					6·9	6·751	0·4	0·4	0·3

The Temperature Correction of Barometers. By R. T. Omond.*

In correcting the reading of a barometer to the freezing-point, it is customary to ascertain the temperature of the instrument by observing a thermometer attached to the brass frame, but it is doubtful how far this attached thermometer indicates the temperature of all parts of the barometer under the conditions in which most observations are made. In a Fortin barometer the level of the mercury in the cistern is adjusted to a fixed point at each observation, and we have only to consider the expansion with heat of the mercury and of the brass scale. As the expansion of mercury is about ten times that of brass, the former is the chief factor in the problem, and a simple piece of apparatus was constructed to show how far the attached thermometer differed from the temperature of the mercury. A brass tube, such as forms the casing of an ordinary standard barometer, was taken, and inside this a glass tube of the same diameter and thickness as is generally used was placed. The glass tube was closed at the lower end, and filled with mercury to near the top, in which a cork was inserted; passing through this cork was a thermometer whose bulb dipped into the mercury, and whose scale could be read through the glass tube and the slots in the upper part of the brass tube, where the scale is in a finished barometer. This thermometer, therefore, gave directly the temperature of the upper part of the mercury column; and as mercury is a good conductor of heat, this was assumed to be the temperature of the whole column for the purposes of the experiment. Another thermometer was attached outside the brass scale in the usual manner, and the experiments consisted in comparing the readings of the two thermometers under varying temperature conditions.

For sudden changes of temperature a very simple law was found to govern the relationship of the two thermometers. When the instrument is taken from a warm room to a cold, or *vice versa*, the outer thermometer alters most rapidly; it takes about an hour for the two to come into agreement again for differences between the rooms ranging from 7° to 20°; the maximum difference between the two thermometers occurs about ten minutes after the change is made, and this difference amounts to 40 per cent. of the whole change of temperature. For example: on 23rd December 1899, at 5 P.M. the two thermometers read 44°·1 and 44°·0; the instrument was then moved into a warmer room; at 5.11 P.M. the readings were 52°·2 and 48°·0—a difference of 4°·2, the outside attached thermometer being the higher, and this was the greatest difference observed. The difference between them decreased till at 5.47 P.M. they read 54°·9 and 54°·7, showing a total change of 10°·8,—(44°·1 to 54°·9). Similarly, for a change of

* See *Journal of Scottish Meteorological Society*, vol. xi. p. 298.

7°·2, the greatest observed difference was 2°·8 at ten minutes after the change of place; and for a change of 19°·9, the greatest difference was 8°·1 at eleven minutes.

Every degree Fahr. above the freezing-point corresponds to not quite 0·003 inch of expansion in the mercury column of a barometer, so that a reading taken at 5.11 P.M. under the conditions of the first experiment would introduce an error of fully 0·010 into the barometric pressure.

Further experiments were made to ascertain the effect of opening the window of a warm room, and lighting a fire in a cold room. It was found that in either case differences of 2° or 3° between the two thermometers could be caused, which would give rise to errors of nearly a hundredth of an inch. The latter case is especially interesting. There must be many instances of the 9 A.M. reading of a barometer being taken in a room in which a fire has been recently lit, and these ought therefore to show the 9 A.M. reading during winter lower relatively than in summer when fires are not used.

These experiments indicate that to get a satisfactory reading of barometers as at present constructed, it is necessary that during the hour previous they should not be exposed to a change of temperature of more than 3°. If this condition be fulfilled, the temperature of the mercury will approximate so closely to that of the attached thermometer, as not to introduce an error greater than the unavoidable errors in setting and reading the instrument.

The Adjustment of Mean Hourly Values for Diurnal Range.

The mean hourly values of the different meteorological elements given in this volume are the simple arithmetical means (or sums) of the observations; but in the tables, which show the departure of each hourly value from the mean for the whole day, a correction has been applied to eliminate any general rise or fall which may take place throughout the whole day, and thus to more nearly show the true diurnal effect independent of changes of longer period than twenty-four hours. In order to effect this, to the series of average values for each of the twenty-four hours is added one giving the average value for the midnight preceding each day, thus making twenty-five entries in all in the order,—

Midnight, 1, 2, 3, 4, ... 21, 22, 23, midnight.

The difference between the values at these two midnights gives the amount of the general change occurring during the mean day of the month or other period under consideration, and fractional parts of the difference are applied to the twenty-four hourly values in the following proportion :—

Hour	1	2	3	11	12	13	14	22	23	Mdt.
Correction,	$\frac{23}{46}$	$\frac{21}{46}$	$\frac{19}{46}$	$\frac{3}{46}$	$\frac{1}{46}$	$\frac{1}{46}$	$\frac{3}{46}$	$\frac{19}{46}$	$\frac{21}{46}$	$\frac{23}{46}$

the corrections from 1 to 12 being opposite in sign to those from 13 to midnight. If the previous midnight has been higher than the midnight at the end of the day, then the first half of the correction (1 to 12) is $-$, and the second (13 to midnight) $+$; if the previous midnight is the lower of the two, the signs are reversed. Thus whatever is added to or subtracted from any morning hour, an equal amount is subtracted from or added to a corresponding afternoon hour, and the mean value of the whole day is not altered, but the beginning and end of the diurnal curve are brought into agreement and the curve becomes a repeating function.

To facilitate the carrying out of this, a table has been prepared (p. 545). The numbers in heavy type at the head of each column represent differences between the two midnight values, and the figures in the column the quantities to be added to or subtracted from each hourly value, the hours being given at the side. Values are given for each difference from 1 to 100, and for successive hundreds to 1000. For example, in the mean hourly values of barometric pressure for a month, suppose that

The previous midnight is	29·894 inches
The midnight at end of day is	29·862 „
The difference between them being	0·032 „

Turning to the column headed 32 in the table, we find numbers ranging from 16 to 1, which are the corrections, in thousandths of an inch, to be applied to each hourly

value; those from 1 to 12 being subtractive, and from 13 to midnight additive, as in this instance the midnight at the beginning of the day was the higher of the two. In general, regarding the hourly values as a curve, it is rotated round a point midway between 12 and 13 o'clock, by adding or subtracting at each hour a quantity proportional to its distance from this point, until the two ends of the curve coincide, and the two midnight values become equal. Between 1 o'clock and midnight there are 46 half hours, 23 of which lie before the central point, 12.30, and 23 after it, the odd numbers from 1 to 23 corresponding to the distance in time of the hours from the central point and forming the numerators of the fractional parts of the whole difference, the denominator of which is 46, the length of the whole period in half hours.

Any difference between the two midnights may be accidental, and due to the period taken not being sufficiently long to get rid of chance differences, as is probably the case in hourly values of the barometer in this country when taken for periods of less than about one thousand days. But it may be inherent in the data selected, as for instance in the barometric readings at many tropical stations and in Central Asia, where in Spring and Autumn the monthly average values differ by more than a tenth of an inch in successive months. The hourly values in such months exhibit both the diurnal period and a fractional part of this annual change. No matter how many days be taken in successive years, there would still remain a difference between the two midnight values equal to the average rise or fall of the barometer in twenty-four hours at that season, and the true diurnal effect would be masked. A difference between the two midnight values may be regarded as measuring a tilting of the hourly values; when the midnight value at the beginning of the day is higher than that at the end, the hourly values start too high and end too low, and when the first midnight has the lower value the reverse is the case, and the sole use of the table on the next page is to eliminate this tilting. Any distortion of the values due to changes during a day are not corrected by this process, as for example a sharply marked barometric minimum occurring during one of a few days selected for examination. Such a distortion of the diurnal curve can best be eliminated by taking such a large number of days as to make abnormal readings on any one inappreciable on the mean of the whole.

TABLE FOR ADJUSTING HOURLY VALUES.

		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	29	30
1	Mid.	0	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13	14	14	15
2	23	0	1	1	2	2	3	3	4	4	5	5	5	6	6	7	7	8	8	9	9	10	10	10	11	11	12	12	13	13	14
3	22	0	1	1	2	2	2	3	3	4	4	5	5	5	6	6	7	7	7	8	8	9	9	9	10	10	11	11	12	12	12
4	21	0	1	1	1	2	2	3	3	3	4	4	4	5	5	6	6	6	7	7	7	8	8	8	9	9	10	10	10	11	11
5	20	0	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	7	8	8	8	9	9	9	10
6	19	0	1	1	1	1	2	2	2	3	3	3	3	4	4	4	5	5	5	5	6	6	6	6	7	7	7	8	8	8	8
7	18	0	0	1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4	5	5	5	5	5	6	6	6	6	7	7	7
8	17	0	0	1	1	1	1	1	2	2	2	2	2	3	3	3	3	3	4	4	4	4	4	4	5	5	5	5	5	6	6
9	16	0	0	0	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	3	3	3	4	4	4	4	4	4	5
10	15	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3
11	14	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2
12	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1

		31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
1	Mid.	15	16	16	17	17	18	18	19	19	20	20	21	21	22	22	23	23	24	24	25	25	26	26	27	27	28	28	29	29	30
2	23	14	15	15	16	16	17	17	17	18	18	19	19	20	20	21	21	21	22	22	23	23	24	24	25	25	26	26	26	27	27
3	22	13	13	14	14	14	15	15	16	16	17	17	17	18	18	19	19	19	20	20	21	21	21	22	22	23	23	24	24	24	25
4	21	11	12	12	13	13	13	14	14	14	15	15	16	16	16	17	17	17	18	18	18	19	19	20	20	20	21	21	21	22	22
5	20	10	10	11	11	11	12	12	12	13	13	13	14	14	14	15	15	15	16	16	16	17	17	17	18	18	18	19	19	19	20
6	19	9	9	9	10	10	10	10	11	11	11	12	12	12	12	13	13	13	14	14	14	14	15	15	15	16	16	16	16	17	17
7	18	7	8	8	8	8	9	9	9	9	10	10	10	10	11	11	11	11	11	12	12	12	12	13	13	13	13	14	14	14	14
8	17	6	6	6	7	7	7	7	7	8	8	8	8	9	9	9	9	9	9	10	10	10	10	10	11	11	11	11	11	12	12
9	16	5	5	5	5	5	5	6	6	6	6	6	6	7	7	7	7	7	7	7	8	8	8	8	8	8	9	9	9	9	9
10	15	3	3	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	7
11	14	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4
12	13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

		61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90
1	Mid.	30	31	31	32	32	33	33	34	34	35	35	36	36	37	37	38	38	39	39	40	40	41	41	42	42	43	43	44	44	45
2	23	28	28	29	29	30	30	31	31	31	32	32	33	33	34	34	35	35	36	36	37	37	38	38	38	39	39	40	40	41	41
3	22	25	26	26	26	27	27	28	28	29	29	29	30	30	31	31	31	32	32	33	33	33	34	34	35	35	36	36	36	37	37
4	21	23	23	23	24	24	24	25	25	26	26	26	27	27	27	28	28	28	29	29	30	30	30	31	31	31	32	32	33	33	33
5	20	20	20	21	21	21	22	22	22	23	23	23	23	24	24	24	25	25	25	26	26	26	27	27	27	28	28	28	29	29	29
6	19	17	18	18	18	18	19	19	19	19	20	20	20	21	21	21	21	22	22	22	23	23	23	23	24	24	24	25	25	25	25
7	18	15	15	15	15	16	16	16	16	16	17	17	17	17	18	18	18	18	19	19	19	19	20	20	20	20	21	21	21	21	22
8	17	12	12	12	13	13	13	13	13	13	14	14	14	14	14	15	15	15	15	15	16	16	16	16	16	17	17	17	17	17	18
9	16	9	9	10	10	10	10	10	10	10	11	11	11	11	11	11	12	12	12	12	12	12	12	13	13	13	13	13	13	14	14
10	15	7	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	10	10	10
11	14	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6
12	13	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

		91	92	93	94	95	96	97	98	99	100	200	300	400	500	600	700	800	900	1000
1	Mid.	45	46	46	47	47	48	48	49	49	50	100	150	200	250	300	350	400	450	500
2	23	41	42	42	43	43	44	44	45	45	46	91	137	183	228	274	320	365	411	456
3	22	38	38	38	39	39	40	40	40	41	41	83	124	165	207	248	289	330	372	413
4	21	34	34	34	35	35	35	36	36	37	37	74	111	148	185	222	258	296	333	370
5	20	30	30	30	31	31	31	32	32	32	33	65	98	130	163	196	228	261	293	326
6	19	26	26	26	27	27	27	27	28	28	28	56	85	113	141	170	198	226	254	283
7	18	22	22	22	22	23	23	23	23	24	24	48	72	96	120	143	167	191	215	239
8	17	18	18	18	18	19	19	19	19	19	20	39	59	78	98	117	137	157	176	196
9	16	14	14	14	14	14	15	15	15	15	15	30	46	61	76	91	107	122	137	152
10	15	10	10	10	10	10	10	11	11	11	11	22	33	43	54	65	76	87	98	109
11	14	6	6	6	6	6	6	6	6	6	7	13	20	26	33	39	46	52	59	65
12	13	2	2	2	2	2	2	2	2	2	2	4	7	9	11	13	15	17	20	22

The Reduction of the Ben Nevis Barometer to Sea-level.

A table for reducing the barometric readings at Ben Nevis Observatory to sea-level was given in the former volume of observations, and is reprinted here. The table was compiled by direct comparison of the barometric readings at the Ben Nevis Observatory and at the Public School, Fort-William, and consists of the average difference between these barometers, both being reduced to 32°, and the Fort-William one brought to sea-level, for each tenth of an inch of pressure from 30·9 to 27·4 inches, and for each degree of temperature from 16° to 75°. Any missing values were filled in by interpolation, and the whole smoothed by cross averaging. A full description of the preparation of the table, which is regarded as of a provisional character, will be found in the former volume. (See *Transactions Royal Society, Edinburgh*, vol. xxxiv. p. xxv.)

The table gives the corrections to be added to the Ben Nevis barometer to reduce it to sea-level, arranged for each tenth of an inch of pressure and each degree of temperature, and an interpolation table is appended for the intermediate thousandths of an inch and tenths of a degree. The differences between the successive lines and columns of the main table are so uniform that the same interpolations may be used for all parts of the table without introducing an error of more than one thousandth of an inch at any part. At the top of the main table are given the temperatures, and at the side the successive tenths of an inch of pressure, these temperatures being the mean of the Ben Nevis and Fort-William temperatures, and these pressures the Fort-William barometer readings at 32° and sea-level. In the interpolation table the intermediate thousandths of an inch are given at the top, and the tenths of a degree at the sides; in the body of this table are the amounts to be added to or subtracted from the entries in the main table.

Example—9th June 1891, *at Midnight.*

Fort-William barometer reduced to 32° and sea-level,			29·983
Ben Nevis barometer reduced to 32°,			25·451
Fort-William temperature,	49°·0		
Ben Nevis temperature,	40°·0		
Mean temperature,	44°·5		
Correction in table for 29·9 inches and 44 degrees,		4·521	
Interpolation for 83 and ·5,		+ 9	
Correction for 29·983 and 44°·5,		4·530	4·530
Ben Nevis barometer reduced to sea-level,			29·981

The table of corrections extends from 4·902 inches to 4·176 inches. The fractional parts of an inch only are given in each column; it is unnecessary to repeat the 4· inches, which is placed at the top and is common to the whole table. When the table was constructed the only instances of very low pressures that had occurred were accompanied

by low temperatures ; and as a rule high temperatures were associated with high sea-level pressures. The table therefore only extends as low as 27·400 inches up to a mean temperature of 28°; it stops at 27·600 for the next two degrees, at 28·000 from 31° to 45°, at 28·500 from 46° to 60°, and at 29·000 from 61° to 75°. This table has been used to reduce the readings of the Ben Nevis barometer at every hour of each day for a period of over ten years, and the limits of the table have included all cases except a few at very high pressures,—31· inches and upwards,—and some at temperatures below 16°. For these it was easy to extend the table by extrapolation, and the general law that a wide range of pressure is only needed at low temperatures, and that high temperatures are associated with high pressures, has been found to hold good throughout.

An investigation into the accuracy of this table is in progress, the results of which will appear in a subsequent volume ; for general use as applied to mean values, any changes or modifications will be very slight. Corrections, however, will need to be applied to the values in the table in connection with the season of the year and the hour of the day at which observations are made.

TABLE showing the Corrections to be applied to the BAROMETRIC OBSERVATIONS at the BEN NEVIS OBSERVATORY, 4407 feet high, to reduce them to SEA-LEVEL, for AIR-TEMPERATURES varying from 16° to 75°, and SEA-LEVEL PRESSURES varying from 30·900 inches to 27·400 inches.

4·000 + inches.

	16°	17°	18°	19°	20°	21°	22°	23°	24°	25°	26°	27°	28°	29°	30°	31°	32°	33°	34°	35°	36°	37°	38°	39°	40°	41°	42°	43°	44°	45°	
ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.
30·9	·902	·893	·885	·876	·868	·860	·851	·843	·835	·827	·819	·810	·802	·793	·785	·777	·769	·761	·753	·745	·737	·729	·721	·713	·705	·697	·690	·682	·674	·666	30·9
30·8	·886	·877	·869	·860	·852	·844	·835	·827	·819	·811	·803	·794	·786	·777	·769	·761	·753	·745	·737	·729	·721	·713	·705	·697	·689	·681	·674	·666	·658	·650	30·8
30·7	·870	·861	·853	·844	·836	·828	·819	·811	·803	·795	·787	·778	·770	·761	·753	·745	·737	·729	·721	·713	·705	·697	·689	·681	·673	·665	·658	·650	·642	·634	30·7
30·6	·854	·845	·837	·828	·820	·812	·803	·795	·787	·779	·771	·762	·754	·746	·738	·730	·722	·714	·706	·698	·690	·682	·674	·666	·658	·650	·643	·635	·627	·619	30·6
30·5	·838	·829	·821	·812	·804	·796	·787	·779	·771	·763	·755	·746	·738	·730	·722	·714	·706	·698	·690	·682	·674	·666	·658	·651	·643	·635	·628	·620	·612	·604	30·5
30·4	·821	·813	·805	·796	·788	·780	·771	·763	·755	·747	·739	·730	·722	·714	·706	·698	·690	·682	·674	·667	·659	·651	·643	·636	·628	·620	·613	·605	·597	·589	30·4
30·3	·805	·797	·789	·780	·772	·764	·755	·747	·739	·731	·723	·715	·707	·699	·691	·683	·675	·667	·659	·652	·644	·636	·628	·621	·613	·605	·598	·590	·582	·574	30·3
30·2	·789	·781	·773	·765	·757	·749	·740	·732	·724	·716	·708	·699	·691	·683	·675	·667	·659	·651	·643	·636	·628	·620	·612	·605	·597	·589	·582	·574	·567	·559	30·2
30·1	·773	·765	·757	·749	·741	·733	·724	·716	·708	·700	·692	·684	·676	·668	·660	·652	·644	·636	·628	·621	·613	·605	·597	·590	·582	·574	·567	·559	·552	·544	30·1
30·0	·757	·749	·741	·733	·725	·717	·708	·700	·692	·684	·676	·668	·660	·652	·644	·636	·628	·621	·613	·605	·597	·589	·582	·574	·567	·559	·552	·544	·537	·529	30·0
29·9	·741	·733	·725	·717	·709	·701	·692	·684	·676	·668	·660	·652	·645	·637	·629	·621	·613	·606	·598	·590	·582	·574	·566	·559	·551	·543	·536	·528	·521	·513	29·9
29·8	·725	·717	·709	·701	·693	·685	·677	·669	·661	·653	·645	·637	·630	·622	·614	·606	·598	·591	·583	·575	·567	·559	·551	·544	·536	·528	·521	·513	·506	·498	29·8
29·7	·710	·702	·694	·686	·678	·670	·661	·653	·645	·637	·629	·621	·614	·606	·598	·590	·582	·575	·567	·559	·551	·543	·535	·528	·520	·512	·505	·498	·491	·483	29·7
29·6	·694	·686	·678	·670	·662	·654	·646	·638	·630	·622	·614	·606	·599	·591	·583	·575	·567	·559	·551	·544	·536	·528	·520	·513	·505	·497	·490	·483	·476	·468	29·6
29·5	·678	·670	·662	·654	·646	·638	·630	·622	·614	·606	·598	·590	·583	·575	·567	·559	·551	·544	·536	·528	·520	·513	·505	·497	·490	·482	·475	·468	·461	·453	29·5
29·4	·662	·654	·646	·638	·630	·622	·614	·606	·598	·590	·582	·574	·567	·559	·551	·543	·535	·528	·520	·513	·505	·498	·490	·483	·475	·467	·460	·453	·446	·438	29·4
29·3	·646	·638	·630	·622	·614	·606	·598	·590	·582	·575	·567	·559	·552	·544	·536	·528	·520	·513	·505	·498	·490	·483	·475	·468	·460	·452	·445	·438	·431	·423	29·3
29·2	·630	·622	·615	·607	·599	·591	·583	·575	·567	·559	·551	·543	·536	·528	·520	·513	·505	·497	·489	·482	·474	·467	·459	·452	·444	·436	·429	·422	·415	·407	29·2
29·1	·615	·607	·599	·591	·583	·576	·568	·560	·552	·544	·536	·528	·521	·513	·505	·498	·490	·482	·474	·467	·459	·452	·444	·437	·429	·421	·414	·407	·400	·392	29·1
29·0	·599	·591	·583	·575	·567	·560	·552	·544	·536	·528	·520	·512	·505	·497	·489	·482	·474	·467	·459	·451	·443	·436	·428	·421	·414	·406	·399	·392	·385	·377	29·0
28·9	·584	·576	·568	·559	·551	·544	·536	·528	·520	·512	·504	·496	·489	·481	·473	·466	·458	·451	·443	·436	·428	·421	·413	·406	·399	·391	·384	·376	·369	·362	28·9
28·8	·568	·560	·552	·543	·535	·528	·520	·512	·504	·496	·488	·480	·473	·465	·457	·450	·442	·435	·428	·421	·413	·406	·398	·391	·384	·376	·369	·361	·354	·347	28·8
28·7	·552	·544	·536	·528	·520	·513	·505	·497	·489	·481	·473	·465	·458	·450	·442	·435	·427	·420	·412	·405	·397	·390	·382	·375	·368	·360	·353	·346	·339	·332	28·7
28·6	·536	·528	·520	·512	·504	·497	·489	·481	·473	·465	·457	·449	·442	·434	·427	·420	·412	·405	·397	·390	·382	·375	·367	·360	·353	·345	·338	·331	·324	·317	28·6
28·5	·520	·512	·504	·496	·488	·481	·473	·465	·457	·449	·441	·433	·426	·418	·411	·404	·396	·389	·382	·374	·366	·359	·352	·345	·338	·330	·323	·316	·309	·302	28·5
28·4	·504	·496	·488	·480	·472	·465	·457	·449	·441	·433	·425	·417	·410	·403	·396	·388	·380	·373	·366	·359	·351	·344	·336	·329	·322	·315	·308	·301	·294	·287	28·4
28·3	·488	·480	·472	·464	·456	·449	·441	·433	·425	·418	·410	·402	·395	·387	·380	·373	·365	·358	·351	·343	·335	·328	·320	·313	·306	·299	·293	·286	·279	·272	28·3
28·2	·472	·464	·457	·449	·441	·434	·426	·418	·410	·402	·394	·386	·379	·371	·364	·357	·349	·342	·335	·328	·320	·313	·305	·298	·291	·284	·277	·270	·264	·257	28·2
28·1	·457	·449	·441	·433	·425	·418	·410	·402	·394	·387	·379	·371	·363	·356	·348	·341	·334	·327	·320	·312	·305	·298	·290	·283	·276	·269	·262	·255	·249	·242	28·1
28·0	·441	·433	·425	·417	·409	·402	·394	·386	·378	·371	·363	·356	·348	·340	·333	·326	·318	·311	·304	·297	·289	·282	·275	·268	·261	·254	·247	·240	·234	·227	28·0
27·9	·425	·417	·409	·401	·393	·386	·378	·370	·362	·355	·347	·340	·333	·325	·318																
27·8	·409	·401	·393	·385	·377	·370	·362	·354	·346	·339	·331	·324	·317	·309	·302																
27·7	·393	·385	·377	·369	·362	·355	·347	·339	·331	·324	·316	·309	·301	·294	·286																
27·6	·378	·370	·362	·354	·346	·339	·331	·323	·315	·308	·300	·293	·286	·278	·270																
27·5	·362	·354	·346	·338	·330	·323	·315	·307	·299	·292	·284	·277	·270																		
27·4	·346	·338	·330	·322	·314	·307	·299	·291	·283	·276	·268	·261	·254																		

TABLE—*continued.*

	46°	47°	48°	49°	50°	51°	52°	53°	54°	55°	56°	57°	58°	59°	60°	61°	62°	63°	64°	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°	75°	
ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.
30·9	·657	·649	·641	·634	·626	·619	·611	·604	·596	·588	·580	·572	·565	·559	·552	·545	·538	·531	·524	·516	·509	·501	·494	·487	·480	·473	·466	·459	·452	·445	30·9
30·8	·641	·634	·626	·619	·611	·604	·596	·589	·581	·573	·565	·558	·551	·545	·538	·531	·524	·517	·510	·502	·495	·487	·480	·473	·466	·459	·452	·445	·438	·431	30·8
30·7	·626	·619	·611	·604	·596	·589	·581	·574	·566	·558	·550	·543	·536	·530	·523	·516	·509	·502	·495	·487	·480	·472	·465	·458	·451	·444	·437	·430	·423	·416	30·7
30·6	·611	·604	·596	·589	·581	·574	·566	·559	·551	·543	·535	·528	·522	·515	·508	·501	·494	·487	·480	·472	·465	·457	·450	·443	·436	·429	·422	·415	·408	·401	30·6
30·5	·596	·589	·581	·574	·566	·559	·551	·544	·536	·528	·520	·513	·507	·500	·493	·486	·479	·472	·465	·457	·450	·443	·436	·429	·422	·415	·408	·401	·394	·387	30·5
30·4	·581	·574	·566	·559	·551	·544	·536	·529	·521	·513	·505	·498	·492	·485	·478	·471	·464	·457	·450	·444	·435	·428	·421	·414	·408	·401	·394	·387	·380	·373	30·4
30·3	·566	·559	·551	·544	·536	·529	·521	·514	·506	·498	·491	·484	·479	·470	·463	·456	·449	·442	·435	·427	·420	·413	·406	·399	·393	·386	·379	·372	·365	·358	30·3
30·2	·551	·544	·536	·529	·521	·514	·506	·499	·491	·484	·476	·469	·462	·456	·449	·441	·434	·427	·420	·413	·406	·399	·392	·385	·378	·371	·364	·357	·350	·343	30·2
30·1	·536	·529	·521	·514	·506	·499	·491	·484	·476	·469	·461	·454	·448	·441	·434	·427	·420	·413	·406	·399	·391	·384	·377	·370	·364	·357	·350	·343	·336	·329	30·1
30·0	·521	·514	·506	·499	·491	·484	·476	·469	·461	·454	·447	·440	·433	·426	·419	·412	·405	·398	·391	·384	·377	·370	·363	·356	·349	·342	·335	·328	·321	·314	30·0
29·9	·505	·498	·491	·484	·476	·469	·461	·454	·447	·440	·432	·425	·418	·411	·404	·397	·390	·383	·376	·369	·362	·355	·348	·342	·335	·328	·321	·314	·307	·300	29·9
29·8	·490	·483	·476	·469	·461	·454	·446	·439	·432	·425	·418	·411	·404	·397	·390	·383	·376	·369	·362	·355	·348	·341	·334	·328	·321	·314	·307	·300	·293	·286	29·8
29·7	·475	·468	·461	·454	·446	·439	·431	·424	·417	·410	·403	·396	·389	·382	·375	·368	·361	·355	·348	·341	·334	·327	·320	·314	·307	·300	·293	·286	·279	·273	29·7
29·6	·460	·453	·446	·439	·431	·424	·416	·409	·402	·395	·388	·381	·374	·368	·361	·354	·347	·340	·333	·326	·319	·312	·305	·299	·292	·285	·279	·272	·265	·259	29·6
29·5	·445	·438	·431	·424	·416	·409	·401	·394	·387	·380	·373	·366	·360	·353	·346	·339	·332	·325	·318	·311	·304	·298	·291	·285	·278	·271	·265	·258	·252	·245	29·5
29·4	·430	·423	·416	·409	·401	·394	·386	·379	·372	·365	·358	·351	·345	·338	·331	·324	·317	·310	·303	·296	·289	·283	·276	·270	·263	·256	·250	·244	·237	·231	29·4
29·3	·415	·408	·401	·394	·386	·379	·371	·364	·357	·350	·343	·336	·330	·323	·316	·309	·302	·296	·289	·282	·275	·269	·262	·256	·249	·242	·236	·230	·223	·217	29·3
29·2	·399	·392	·385	·378	·371	·364	·357	·350	·343	·336	·329	·322	·316	·309	·302	·295	·288	·282	·275	·268	·261	·254	·248	·241	·235	·228	·222	·216	·209	·203	29·2
29·1	·384	·377	·370	·363	·356	·349	·342	·335	·328	·321	·314	·307	·301	·294	·287	·280	·273	·267	·260	·253	·246	·240	·233	·227	·221	·214	·208	·202	·196	·190	29·1
29·0	·369	·362	·355	·348	·341	·334	·327	·320	·313	·306	·299	·292	·286	·279	·272	·265	·259	·253	·246	·239	·232	·226	·219	·213	·207	·200	·194	·188	·182	·176	29·0
28·9	·354	·347	·340	·333	·326	·319	·312	·305	·298	·292	·285	·278	·272	·265	·258																
28·8	·339	·332	·325	·318	·311	·304	·297	·290	·283	·277	·270	·263	·257	·250	·244																
28·7	·324	·317	·310	·303	·296	·289	·282	·275	·268	·262	·255	·248	·242	·235	·229																
28·6	·309	·302	·295	·288	·281	·274	·267	·260	·253	·247	·240	·233	·229	·227	·214																
28·5	·294	·287	·280	·273	·266	·259	·252	·245	·238	·232	·225	·218	·212	·206	·200																

INTERPOLATION TABLE. In thousandths of an inch.

A minus sign indicates that the entry is to be subtracted from the tabular value, and the absence of sign that it is to be added.

	0	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	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	
·0	0	0	0	0	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	3	3	4	4	4	4	4	4	4	5	5	5	5	5	5	5	6	6	6	6	6	6	7	7	7	7	7	7	7	8	·0
·1	−1	−1	0	0	0	0	0	0	0	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	3	3	3	4	4	4	4	4	4	5	5	5	5	5	5	5	6	6	6	6	6	6	7	7	7	·1
·2	−2	−1	−1	−1	−1	−1	−1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	2	2	2	2	2	2	3	3	3	3	3	3	3	4	4	4	4	4	4	5	5	5	5	5	5	5	6	6	6	6	·2
·3	−2	−2	−2	−2	−2	−1	−1	−1	−1	−1	−1	−1	0	0	0	0	0	0	0	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	3	3	3	4	4	4	4	4	4	5	5	5	5	5	5	·3
·4	−3	−3	−3	−3	−2	−2	−2	−2	−2	−2	−1	−1	−1	−1	−1	−1	−1	0	0	0	0	0	0	0	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	3	3	4	4	4	4	4	4	4	5	·4
·5	−4	−4	−3	−3	−3	−3	−3	−3	−3	−2	−2	−2	−2	−2	−2	−1	−1	−1	−1	−1	−1	−1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2	2	2	2	2	2	3	3	3	3	3	3	4	4	4	·5
·6	−4	−4	−4	−4	−4	−4	−4	−3	−3	−3	−3	−3	−3	−3	−2	−2	−2	−2	−2	−2	−1	−1	−1	−1	−1	−1	−1	0	0	0	0	0	0	0	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	·6
·7	−5	−5	−5	−5	−5	−4	−4	−4	−4	−4	−4	−4	−3	−3	−3	−3	−3	−3	−3	−2	−2	−2	−2	−2	−2	−1	−1	−1	−1	−1	−1	−1	0	0	0	0	0	0	0	1	1	1	1	1	1	2	2	2	2	2	2	·7
·8	−6	−6	−6	−6	−5	−5	−5	−5	−5	−5	−4	−4	−4	−4	−4	−4	−4	−3	−3	−3	−3	−3	−3	−2	−2	−2	−2	−2	−2	−2	−1	−1	−1	−1	−1	−1	−1	0	0	0	0	0	0	1	1	1	1	1	1	1	2	·8
·9	−7	−7	−6	−6	−6	−6	−6	−6	−6	−5	−5	−5	−5	−5	−5	−4	−4	−4	−4	−4	−4	−4	−3	−3	−3	−3	−3	−3	−3	−2	−2	−2	−2	−2	−2	−2	−1	−1	−1	−1	−1	−1	0	0	0	0	0	0	0	1	1	·9

	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	
·0	8	8	8	8	8	9	9	9	9	9	9	9	10	10	10	10	10	10	10	11	11	11	11	11	11	12	12	12	12	12	12	12	13	13	13	13	13	13	14	14	14	14	14	14	14	15	15	15	15	·0
·1	7	7	7	7	8	8	8	8	8	8	9	9	9	9	9	9	9	10	10	10	10	10	10	10	11	11	11	11	11	11	12	12	12	12	12	12	12	13	13	13	13	13	13	14	14	14	14	14	14	·1
·2	6	6	7	7	7	7	7	7	7	8	8	8	8	8	8	9	9	9	9	9	9	9	10	10	10	10	10	10	11	11	11	11	11	11	11	12	12	12	12	12	12	12	13	13	13	13	13	13	14	·2
·3	6	6	6	6	6	6	6	7	7	7	7	7	7	7	8	8	8	8	8	8	9	9	9	9	9	9	10	10	10	10	10	10	10	11	11	11	11	11	11	11	11	12	12	12	12	12	12	13	13	·3
·4	5	5	5	5	5	6	6	6	6	6	6	6	7	7	7	7	7	7	7	8	8	8	8	8	8	9	9	9	9	9	9	9	10	10	10	10	10	10	10	11	11	11	11	11	11	12	12	12	12	·4
·5	4	4	4	4	5	5	5	5	5	5	6	6	6	6	6	6	6	7	7	7	7	7	7	8	8	8	8	8	8	8	9	9	9	9	9	9	9	10	10	10	10	10	10	11	11	11	11	11	11	·5
·6	3	3	4	4	4	4	4	4	4	5	5	5	5	5	5	6	6	6	6	6	6	6	7	7	7	7	7	7	8	8	8	8	8	8	8	9	9	9	9	9	9	9	10	10	10	10	10	10	11	·6
·7	2	3	3	3	3	3	3	4	4	4	4	4	4	4	5	5	5	5	5	5	6	6	6	6	6	6	6	6	7	7	7	7	7	7	8	8	8	8	8	8	9	9	9	9	9	9	9	9	10	·7
·8	2	2	2	2	2	3	3	3	3	3	3	3	4	4	4	4	4	4	4	5	5	5	5	5	5	6	6	6	6	6	6	6	7	7	7	7	7	7	8	8	8	8	8	8	8	8	9	9	9	·8
·9	1	1	1	1	2	2	2	2	2	2	3	3	3	3	3	3	3	4	4	4	4	4	4	4	5	5	5	5	5	5	6	6	6	6	6	6	6	7	7	7	7	7	7	7	8	8	8	8	8	·9

INDEX.

Aitken (John), 479.
Anemometer Records, 420.
Anti-Cyclones, Change of Temperature with Height in, 506.
Appendix, 447.
Arctic Stations, 448.

Barometer, Diurnal Range of, in Fine and Cloudy Weather, 448.
—— in Clear and Foggy Weather at Ben Nevis, 471.
—— Influence of High Winds on, 490.
—— Mean Hourly Values, 436.
—— Reduction to Sea-level of Ben Nevis, 496, 506, 546.
Barometers, Difference at Sea-level of Ben Nevis and Fort-William, 513.
—— Temperature Correction of, 541.
Ben Nevis in Clear and Foggy Weather, Meteorology of, 465.
Black Bulb Readings, 519.
Bossekop, 462.
Braemar, Low Temperature at, 532.
Buchan (Alexander), 448, 490, 496.
Buchanan (J. Y.), 465.

Cirrus Clouds, 502.
Clear and Foggy Weather, Meteorology of Ben Nevis in, 465.
Cloud, Mean Hourly Values, 444.
Cyclones and Anti-Cyclones, 497.

Day, Length of, at Ben Nevis, 469.
Depth of Snow on Ben Nevis, 419.
Diurnal Range, Adjustment of Hourly Values for, 543.
Dust, Report on Atmospheric, 479.

Fine and Cloudy Weather, Diurnal Range of Barometer in, 448.
Fog and Mist, Differences of, 477.
Fort-William Observatory and Public School Comparison of Observations at, 537.
Frost of 1895 in Scotland, 532.

Gales, Number observed at Ben Nevis, 523.

Haze and Dust, 483.
Hong Kong, 456, 528.
Hourly Values, Adjustment of, for Diurnal Range, 543.
—— Mean for Ben Nevis and Fort-William Observatories, 433.
Hygrometry of Intermediate Stations on Ben Nevis in 1882, 535.

Jan Mayen, 463.

Lady Franklin Bay, 528.
Length of Day at Ben Nevis, 469.
Livingston, C., 7, 537.
Local Apparent Time at Ben Nevis, 468.
Log-Book of Ben Nevis Observatory, 1888, 64.
,, ,, ,, 1889, 134.
,, ,, ,, 1890, 219.
,, ,, ,, 1891, 314.
,, ,, ,, 1892, 410.

Magdeburg, 458.
Mean Hourly Values at Ben Nevis and Fort-William Observatories, 433.
Mossman, R. C., 525, 528, 532, 535.

Nocturnal Heating on Ben Nevis, 476.
Noon, Time of Local, at Ben Nevis, 468.

Omond, R. T., 448, 499, 506, 513, 519, 537, 541.

Pressure and Temperature, Relations of, at Ben Nevis Observatory, 496.
Public School, Fort-William, Observations at, 7, 537.

Radiation, Effects of, on the Barometric Readings, 515.
—— measured by a Black Bulb Thermometer, 519.
Rainfall in Clear and Cloudy Weather, 470.
—— Mean Hourly Values, 440.
—— and Wind, 501.
Range, Diurnal, of Barometer in Fine and Cloudy Weather, 448.
—— Adjustment for Diurnal, 543.
Rankin, A., 499, 523.

San José, Costa Rica, 455.
Sea-level, Reduction of the Ben Nevis Barometer to, 491, 496, 506, 513, 546.
Silver Thaw at Ben Nevis Observatory, 525.
Sodankylä, 461.
Snow on Ben Nevis, Depth of, 3, 419.
Sunshine, Mean Hourly Values, 442.
Switzerland, High-Level Stations in, 508.

Temperature and Pressure, Relations of, at Ben Nevis Observatory, 496.
—— and Wind at Ben Nevis Observatory, 503.
—— Correction of Barometers, 541.
—— in Anti-Cyclones, Change of, with Height, 506.
—— in Clear and Cloudy Weather at Ben Nevis Observatory, 475.
—— Mean Hourly Values, 437, 445.
—— Variability, 528.
Time at Ben Nevis, Local, 468.
Trieste, 457.

Vapour Pressure, Decrease of, with Height, 536.
—— Tension in Clear and Foggy Weather at Ben Nevis Observatory, 472.

Weather of Ben Nevis, 465.
Wind, Influence of High, on the Barometer, 490.
—— Force in Miles per Hour, Scale of, 5, 492.
—— Mean Hourly Values, 443, 445.
Winds in Clear and Foggy Weather at Ben Nevis, 470.
—— of Ben Nevis, 499.
Wragge's, Mr, Observations in 1882, 535.

PRESENTED
11 DEC. 1902
BRITISH MUSEUM
NATURAL

The TRANSACTIONS of the ROYAL SOCIETY OF EDINBURGH will in future be Sold at the following reduced Prices :—

Vol.	Price to the Public.	Price to Fellows.
I. II. III.	Out of Print.	
IV.	£0 9 0	£0 7 0
V.	0 11 0	0 9 0
VI.	0 11 6	0 9 6
VII.	0 18 0	0 15 0
VIII.	0 17 0	0 14 0
IX.	1 0 0	0 17 0
X.	0 19 0	0 16 0
XI.	0 14 6	0 12 0
XII.	0 14 6	0 12 0
XIII.	0 18 0	0 15 0
XIV.	1 5 0	1 1 0
XV.	1 11 0	1 6 0
XVI. Part 1.	0 5 0	0 4 0
Part 2.	0 18 0	0 14 0
Part 3.	0 10 0	0 7 6
Part 4.	0 5 0	0 4 0
Part 5.	0 7 0	0 5 6
XVII.	Out of Print.	
XVIII.	2 2 0	1 11 0
XIX. Part 1.	2 2 0	1 11 0
Part 2.	0 18 0	0 15 0
XX. Part 1.	0 18 0	0 14 0
Part 2.	0 10 0	0 7 6
Part 3.	0 10 0	0 7 6
Part 4.	0 10 0	0 7 6
XXI. Part 1.	0 15 0	0 11 6
Part 2.	0 10 0	0 7 6
Part 3.	0 7 0	0 5 3
Part 4.	0 18 0	0 13 6
XXII. Part 1.	1 5 0	1 1 0
Part 2.	0 10 0	0 7 6
Part 3.	1 5 0	1 1 0
XXIII. Part 1.	0 15 0	0 11 6
Part 2.	1 15 0	1 8 6
Part 3.	1 18 0	1 10 0
XXIV. Part 1.	1 5 0	1 1 0
Part 2.	1 8 0	1 3 0
Part 3.	1 10 0	1 5 0
XXV. Part 1.	0 18 0	0 13 6
Part 2.	2 2 0	1 11 0
XXVI. Part 1.	1 0 0	0 16 0
Part 2.	1 4 0	1 0 0
Part 3.	0 16 0	0 12 0
Part 4.	0 12 0	0 9 6
XXVII. Part 1.	0 16 0	0 12 0
Part 2.	0 6 0	0 4 6
Part 3.	1 1 0	0 16 0
Part 4.	1 0 0	0 16 0

Vol.	Price to the Public.	Price to Fellows.
XXVIII. Part 1.	£1 5 0	£1 1 0
,, Part 2.	1 5 0	1 1 0
,, Part 3.	0 18 0	0 13 6
XXIX. Part 1.	1 12 0	1 6 0
,, Part 2.	0 16 0	0 12 0
XXX. Part 1.	1 12 0	1 6 0
,, Part 2.	0 16 0	0 12 0
,, Part 3.	0 5 0	0 4 0
,, Part 4.	0 7 6	0 5 8
XXXI.	4 4 0	3 3 0
XXXII. Part 1.	1 0 0	0 16 0
,, Part 2.	0 18 0	0 13 6
,, Part 3.	2 10 0	1 17 6
,, Part 4.	0 5 0	0 4 0
XXXIII. Part 1.	1 1 0	0 16 0
,, Part 2.	2 2 0	1 11 0
,, Part 3.	0 12 0	0 9 6
XXXIV.	2 2 0	1 11 0
XXXV.*Part 1.	2 2 0	1 11 0
,, Part 2.	1 11 0	1 3 6
,, Part 3.	2 2 0	1 11 0
,, Part 4.	1 1 0	0 16 0
XXXVI. Part 1.	1 1 0	0 16 0
,, Part 2.	1 16 6	1 7 6
,, Part 3.	1 0 0	0 16 0
XXXVII. Part 1.	1 14 6	1 5 6
,, Part 2.	1 1 0	0 16 0
,, Part 3.	0 16 0	0 12 0
,, Part 4.	0 7 6	0 5 8
XXXVIII.Part 1.	2 0 0	1 10 0
,, Part 2.	1 5 0	0 19 0
,, Part 3.	1 10 0	1 3 0
,, Part 4.	0 7 6	0 5 8
XXXIX. Part 1.	1 10 0	1 3 0
,, Part 2.	0 19 0	0 14 6
,, Part 3.	2 3 0	1 11 0
,, Part 4.	0 9 0	0 7 0
XL. Part 1.	1 5 0	0 19 0

* Vol. XXXV., and those which follow, may be had in Numbers, each Number containing a complete Paper.

NEILL AND CO., LTD., PRINTERS, EDINBURGH.

9